Apex Laboratories, LLC

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

Friday, January 29, 2021

Genevieve Schutzius
GSI Water Solutions
55 SW Yamhill St, Ste 300
Portland, OR 97209

RE: A1A0458 - Eatonville - Landfill WA State

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 A1A0458, which was received by the laboratory on 1/13/2021 at 9:17:00AM.

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

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

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	0.7 degC	Cooler #2	5.6 degC
Cooler #3	0.8 degC	Cooler #4	0.2 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This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.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

Lisa A Domenighini

Lisa Domenighini, Client Services 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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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SE01-0121	A1A0458-01	Water	01/11/21 13:30	01/13/21 09:17
SE101-0121	A1A0458-02	Water	01/11/21 13:40	01/13/21 09:17
SE02-0121	A1A0458-03	Water	01/11/21 14:15	01/13/21 09:17
GW01-0121	A1A0458-04	Water	01/12/21 10:00	01/13/21 09:17
SW01-0121	A1A0458-05	Water	01/12/21 11:45	01/13/21 09:17
SW02-0121	A1A0458-06	Water	01/12/21 12:25	01/13/21 09:17
SW03-0121	A1A0458-07	Water	01/12/21 13:15	01/13/21 09:17

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 15:18	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 15:18	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 15:18	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 15:18	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012821**		
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 15:18	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 15:18	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 15:18	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 15:18	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 15:18	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*	*01/13/21 15:18*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*		*80-120 %*	*01/13/21 15:18*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*	*01/13/21 15:18*	*EPA 8260D*	
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 15:48	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 15:48	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	

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ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012821**		
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 15:48	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 15:48	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 15:48	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	

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Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012821**		
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 15:48	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 15:48	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 15:48	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 15:48	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*01/13/21 15:48*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*01/13/21 15:48*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*105 %*	*80-120 %*	*1*	*01/13/21 15:48*	*EPA 8260D*	
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 16:16	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 16:16	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 16:16	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012821**		
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 16:16	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 16:16	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 16:16	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012821**		
Styrene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 16:16	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 16:16	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 16:16	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*01/13/21 16:16*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*01/13/21 16:16*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*01/13/21 16:16*	*EPA 8260D*	
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 16:44	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 16:44	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 16:44	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	

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Lisa Domenighini, Client Services Manager

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012821**		
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 16:44	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 16:44	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 16:44	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012821**		
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 16:44	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 16:44	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 16:44	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*01/13/21 16:44*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*01/13/21 16:44*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*01/13/21 16:44*	*EPA 8260D*	
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 17:13	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 17:13	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 17:13	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 17:13	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: 1012821**		
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 17:13	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 17:13	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: 1012821**		
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 17:13	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 17:13	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 17:13	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*01/13/21 17:13*	*EPA 8260D*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*01/13/21 17:13*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*01/13/21 17:13*	*EPA 8260D*	
SW02-0121 (A1A0458-06)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 18:09	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 18:09	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 18:09	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 18:09	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW02-0121 (A1A0458-06)				**Matrix: Water**		**Batch: 1012821**		
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 18:09	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 18:09	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 18:09	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW02-0121 (A1A0458-06)				**Matrix: Water**		**Batch: 1012821**		
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 18:09	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 18:09	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 18:09	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*01/13/21 18:09*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*01/13/21 18:09*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*01/13/21 18:09*	*EPA 8260D*	
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: 1012821**		
Acetone	ND	---	20.0	ug/L	1	01/13/21 17:41	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	01/13/21 17:41	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	01/13/21 17:41	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	01/13/21 17:41	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: 1012821**		
1,1-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	01/13/21 17:41	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	01/13/21 17:41	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Vinyl acetate	ND	---	10.0	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	01/13/21 17:41	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	01/13/21 17:41	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	01/13/21 17:41	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 104 %*		*Limits: 80-120 %*	*1*	*01/13/21 17:41*	*EPA 8260D*	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: 1012821**		
Surrogate: Toluene-d8 (Surr)			*Recovery: 99 %*	*Limits: 80-120 %*	*1*	*01/13/21 17:41*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*01/13/21 17:41*	*EPA 8260D*	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Acenaphthylene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Anthracene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Benz(a)anthracene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0291	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0291	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0291	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Chrysene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Fluoranthene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Fluorene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0388	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0388	ug/L	1	01/15/21 18:23	EPA 8270E	
Naphthalene	ND	---	0.0388	ug/L	1	01/15/21 18:23	EPA 8270E	
Phenanthrene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Pyrene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Carbazole	ND	---	0.0291	ug/L	1	01/15/21 18:23	EPA 8270E	
Dibenzofuran	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Chlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Methylphenol	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Nitrophenol	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Nitrophenol	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
Phenol	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
Nitrobenzene	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012876**		
Diethylphthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
Dimethylphthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
Di-n-butylphthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Hexachlorobenzene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
Hexachloroethane	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0194	ug/L	1	01/15/21 18:23	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Aniline	ND	---	0.0971	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Chloroaniline	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
2-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
3-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
4-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 18:23	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzoic acid	ND	---	2.43	ug/L	1	01/15/21 18:23	EPA 8270E	
Benzyl alcohol	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
Isophorone	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	0.971	ug/L	1	01/15/21 18:23	EPA 8270E	Q-52
1,2-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 18:23	EPA 8270E	
Pyridine	ND	---	0.194	ug/L	1	01/15/21 18:23	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 18:23	EPA 8270E	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012876**		
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*64 %*	*44-120 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
Phenol-d6 (Surr)			*24 %*	*10-133 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*85 %*	*50-134 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
2-Fluorophenol (Surr)			*34 %*	*19-120 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*85 %*	*43-140 %*	*1*	*01/15/21 18:23*	*EPA 8270E*	
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Acenaphthylene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Anthracene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Benz(a)anthracene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0297	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0297	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0297	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Chrysene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Fluoranthene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Fluorene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0396	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0396	ug/L	1	01/15/21 18:58	EPA 8270E	
Naphthalene	ND	---	0.0396	ug/L	1	01/15/21 18:58	EPA 8270E	
Phenanthrene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Pyrene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Carbazole	ND	---	0.0297	ug/L	1	01/15/21 18:58	EPA 8270E	
Dibenzofuran	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Chlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Methylphenol	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Nitrophenol	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Nitrophenol	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012876**		
Phenol	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
Nitrobenzene	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
Diethylphthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
Dimethylphthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
Di-n-butylphthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Hexachlorobenzene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
Hexachloroethane	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0198	ug/L	1	01/15/21 18:58	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Aniline	ND	---	0.0990	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Chloroaniline	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
2-Nitroaniline	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
3-Nitroaniline	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
4-Nitroaniline	ND	---	0.396	ug/L	1	01/15/21 18:58	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzoic acid	ND	---	2.48	ug/L	1	01/15/21 18:58	EPA 8270E	
Benzyl alcohol	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
Isophorone	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	0.990	ug/L	1	01/15/21 18:58	EPA 8270E	Q-52

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012876**		
1,2-Dinitrobenzene	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.495	ug/L	1	01/15/21 18:58	EPA 8270E	
Pyridine	ND	---	0.198	ug/L	1	01/15/21 18:58	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0495	ug/L	1	01/15/21 18:58	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*68 %*	*Limits: 44-120 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*68 %*	*44-120 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
Phenol-d6 (Surr)			*22 %*	*10-133 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*89 %*	*50-134 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
2-Fluorophenol (Surr)			*35 %*	*19-120 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*84 %*	*43-140 %*	*1*	*01/15/21 18:58*	*EPA 8270E*	
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Acenaphthylene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Anthracene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Benz(a)anthracene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0288	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0288	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0288	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Chrysene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Fluoranthene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Fluorene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0385	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0385	ug/L	1	01/15/21 19:34	EPA 8270E	
Naphthalene	ND	---	0.0385	ug/L	1	01/15/21 19:34	EPA 8270E	
Phenanthrene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Pyrene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Carbazole	ND	---	0.0288	ug/L	1	01/15/21 19:34	EPA 8270E	
Dibenzofuran	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Chlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012876**		
2,4-Dimethylphenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Methylphenol	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Nitrophenol	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Nitrophenol	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
Phenol	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
Nitrobenzene	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
Diethylphthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
Dimethylphthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
Di-n-butylphthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Hexachlorobenzene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
Hexachloroethane	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0192	ug/L	1	01/15/21 19:34	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Aniline	ND	---	0.0962	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Chloroaniline	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
2-Nitroaniline	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
3-Nitroaniline	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	
4-Nitroaniline	ND	---	0.385	ug/L	1	01/15/21 19:34	EPA 8270E	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012876**		
2,4-Dinitrotoluene	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzoic acid	ND	---	2.40	ug/L	1	01/15/21 19:34	EPA 8270E	
Benzyl alcohol	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
Isophorone	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	0.962	ug/L	1	01/15/21 19:34	EPA 8270E	Q-52
1,2-Dinitrobenzene	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.481	ug/L	1	01/15/21 19:34	EPA 8270E	
Pyridine	ND	---	0.192	ug/L	1	01/15/21 19:34	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/15/21 19:34	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*59 %*	*Limits: 44-120 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*62 %*	*44-120 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
Phenol-d6 (Surr)			*19 %*	*10-133 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*76 %*	*50-134 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
2-Fluorophenol (Surr)			*30 %*	*19-120 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*83 %*	*43-140 %*	*1*	*01/15/21 19:34*	*EPA 8270E*	
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Acenaphthylene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Anthracene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Benz(a)anthracene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0291	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0291	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0291	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Chrysene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Fluoranthene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Fluorene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0388	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0388	ug/L	1	01/15/21 20:09	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012876**		
Naphthalene	ND	---	0.0388	ug/L	1	01/15/21 20:09	EPA 8270E	
Phenanthrene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Pyrene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Carbazole	ND	---	0.0291	ug/L	1	01/15/21 20:09	EPA 8270E	
Dibenzofuran	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Chlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Methylphenol	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Nitrophenol	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Nitrophenol	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
Phenol	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
Nitrobenzene	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
Diethylphthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
Dimethylphthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
Di-n-butylphthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Hexachlorobenzene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
Hexachloroethane	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0194	ug/L	1	01/15/21 20:09	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012876**		
1,2,4-Trichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Aniline	ND	---	0.0971	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Chloroaniline	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
2-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
3-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
4-Nitroaniline	ND	---	0.388	ug/L	1	01/15/21 20:09	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzoic acid	ND	---	2.43	ug/L	1	01/15/21 20:09	EPA 8270E	
Benzyl alcohol	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
Isophorone	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	0.971	ug/L	1	01/15/21 20:09	EPA 8270E	Q-52
1,2-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.485	ug/L	1	01/15/21 20:09	EPA 8270E	
Pyridine	ND	---	0.194	ug/L	1	01/15/21 20:09	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0485	ug/L	1	01/15/21 20:09	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*42 %*	*Limits: 44-120 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	*S-03*
2-Fluorobiphenyl (Surr)			*38 %*	*44-120 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	*S-03*
Phenol-d6 (Surr)			*15 %*	*10-133 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*62 %*	*50-134 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	
2-Fluorophenol (Surr)			*21 %*	*19-120 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*69 %*	*43-140 %*	*1*	*01/15/21 20:09*	*EPA 8270E*	
SW01-0121 (A1A0458-05RE1)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Acenaphthylene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Anthracene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Benz(a)anthracene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0312	ug/L	1	01/15/21 20:44	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0312	ug/L	1	01/15/21 20:44	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0312	ug/L	1	01/15/21 20:44	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05RE1)				**Matrix: Water**		**Batch: 1012876**		
Benzo(g,h,i)perylene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Chrysene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Fluoranthene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Fluorene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0417	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0417	ug/L	1	01/15/21 20:44	EPA 8270E	
Naphthalene	ND	---	0.0417	ug/L	1	01/15/21 20:44	EPA 8270E	
Phenanthrene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Pyrene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Carbazole	ND	---	0.0312	ug/L	1	01/15/21 20:44	EPA 8270E	
Dibenzofuran	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Chlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Methylphenol	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Nitrophenol	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Nitrophenol	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
Phenol	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
Nitrobenzene	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
Diethylphthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
Dimethylphthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
Di-n-butylphthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05RE1)				**Matrix: Water**		**Batch: 1012876**		
Bis(2-Chloroethoxy) methane	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Hexachlorobenzene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
Hexachloroethane	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0208	ug/L	1	01/15/21 20:44	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Aniline	ND	---	0.104	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Chloroaniline	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
2-Nitroaniline	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
3-Nitroaniline	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
4-Nitroaniline	ND	---	0.417	ug/L	1	01/15/21 20:44	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
Benzoic acid	ND	---	2.60	ug/L	1	01/15/21 20:44	EPA 8270E	
Benzyl alcohol	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
Isophorone	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	1.04	ug/L	1	01/15/21 20:44	EPA 8270E	Q-52
1,2-Dinitrobenzene	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.521	ug/L	1	01/15/21 20:44	EPA 8270E	
Pyridine	ND	---	0.208	ug/L	1	01/15/21 20:44	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0521	ug/L	1	01/15/21 20:44	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*69 %*	*Limits: 44-120 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*60 %*	*44-120 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	
Phenol-d6 (Surr)			*25 %*	*10-133 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*80 %*	*50-134 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	
2-Fluorophenol (Surr)			*36 %*	*19-120 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*83 %*	*43-140 %*	*1*	*01/15/21 20:44*	*EPA 8270E*	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW02-0121 (A1A0458-06RE1)				**Matrix: Water**		**Batch: 1012876**		
Acenaphthene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Acenaphthylene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Anthracene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Benz(a)anthracene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0300	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0300	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0300	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Chrysene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Fluoranthene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Fluorene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0400	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0400	ug/L	1	01/15/21 21:18	EPA 8270E	
Naphthalene	ND	---	0.0400	ug/L	1	01/15/21 21:18	EPA 8270E	
Phenanthrene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Pyrene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Carbazole	ND	---	0.0300	ug/L	1	01/15/21 21:18	EPA 8270E	
Dibenzofuran	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Chlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Methylphenol	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Nitrophenol	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Nitrophenol	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
Phenol	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
Nitrobenzene	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW02-0121 (A1A0458-06RE1)				**Matrix: Water**		**Batch: 1012876**		
Diethylphthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
Dimethylphthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
Di-n-butylphthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Hexachlorobenzene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
Hexachloroethane	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0200	ug/L	1	01/15/21 21:18	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Aniline	ND	---	0.100	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Chloroaniline	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
2-Nitroaniline	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
3-Nitroaniline	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
4-Nitroaniline	ND	---	0.400	ug/L	1	01/15/21 21:18	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzoic acid	ND	---	2.50	ug/L	1	01/15/21 21:18	EPA 8270E	
Benzyl alcohol	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
Isophorone	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	1.00	ug/L	1	01/15/21 21:18	EPA 8270E	Q-52
1,2-Dinitrobenzene	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.500	ug/L	1	01/15/21 21:18	EPA 8270E	
Pyridine	ND	---	0.200	ug/L	1	01/15/21 21:18	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0500	ug/L	1	01/15/21 21:18	EPA 8270E	

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Lisa Domenighini, Client Services Manager

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW02-0121 (A1A0458-06RE1)				**Matrix: Water**		**Batch: 1012876**		
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*78 %*	*Limits: 44-120 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*67 %*	*44-120 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
Phenol-d6 (Surr)			*27 %*	*10-133 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*82 %*	*50-134 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
2-Fluorophenol (Surr)			*38 %*	*19-120 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*84 %*	*43-140 %*	*1*	*01/15/21 21:18*	*EPA 8270E*	
SW03-0121 (A1A0458-07RE1)				**Matrix: Water**		**Batch: 1013031**		
Acenaphthene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Acenaphthylene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Anthracene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Benz(a)anthracene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0288	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0288	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0288	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Chrysene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Fluoranthene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Fluorene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0385	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0385	ug/L	1	01/20/21 20:25	EPA 8270E	
Naphthalene	ND	---	0.0385	ug/L	1	01/20/21 20:25	EPA 8270E	
Phenanthrene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Pyrene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Carbazole	ND	---	0.0288	ug/L	1	01/20/21 20:25	EPA 8270E	
Dibenzofuran	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Chlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Chloro-3-methylphenol	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4-Dichlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4-Dimethylphenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4-Dinitrophenol	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
4,6-Dinitro-2-methylphenol	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Methylphenol	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
3+4-Methylphenol(s)	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Nitrophenol	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Nitrophenol	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
Pentachlorophenol (PCP)	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07RE1)				**Matrix: Water**		**Batch: 1013031**		
Phenol	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
2,3,4,6-Tetrachlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
2,3,5,6-Tetrachlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4,5-Trichlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
Nitrobenzene	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4,6-Trichlorophenol	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
Bis(2-ethylhexyl)phthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
Butyl benzyl phthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
Diethylphthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
Dimethylphthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
Di-n-butylphthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
Di-n-octyl phthalate	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
N-Nitrosodimethylamine	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
N-Nitroso-di-n-propylamine	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
N-Nitrosodiphenylamine	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Bis(2-Chloroethoxy) methane	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Bis(2-Chloroethyl) ether	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Hexachlorobenzene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
Hexachlorobutadiene	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Hexachlorocyclopentadiene	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
Hexachloroethane	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Chloronaphthalene	ND	---	0.0192	ug/L	1	01/20/21 20:25	EPA 8270E	
1,2,4-Trichlorobenzene	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Bromophenyl phenyl ether	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Chlorophenyl phenyl ether	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Aniline	ND	---	0.0962	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Chloroaniline	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
2-Nitroaniline	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
3-Nitroaniline	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
4-Nitroaniline	ND	---	0.385	ug/L	1	01/20/21 20:25	EPA 8270E	
2,4-Dinitrotoluene	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
2,6-Dinitrotoluene	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzoic acid	ND	---	2.40	ug/L	1	01/20/21 20:25	EPA 8270E	
Benzyl alcohol	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
Isophorone	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Azobenzene (1,2-DPH)	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Bis(2-Ethylhexyl) adipate	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
3,3'-Dichlorobenzidine	ND	---	0.962	ug/L	1	01/20/21 20:25	EPA 8270E	Q-52

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Apex Laboratories, LLC

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07RE1)				**Matrix: Water**		**Batch: 1013031**		
1,2-Dinitrobenzene	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
1,3-Dinitrobenzene	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
1,4-Dinitrobenzene	ND	---	0.481	ug/L	1	01/20/21 20:25	EPA 8270E	
Pyridine	ND	---	0.192	ug/L	1	01/20/21 20:25	EPA 8270E	
1,2-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
1,3-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
1,4-Dichlorobenzene	ND	---	0.0481	ug/L	1	01/20/21 20:25	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*73 %*	*Limits: 44-120 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*73 %*	*44-120 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	
Phenol-d6 (Surr)			*24 %*	*10-133 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*88 %*	*50-134 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	
2-Fluorophenol (Surr)			*40 %*	*19-120 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*87 %*	*43-140 %*	*1*	*01/20/21 20:25*	*EPA 8270E*	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Barium	**6.61**	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 18:29	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 18:29	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Copper	**3.79**	---	2.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Lead	**1.55**	---	0.200	ug/L	1	01/22/21 18:29	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 18:29	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 18:29	EPA 6020B	
Vanadium	ND	---	2.00	ug/L	1	01/22/21 18:29	EPA 6020B	
Zinc	**50.4**	---	4.00	ug/L	1	01/22/21 18:29	EPA 6020B	
SE101-0121 (A1A0458-02)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Barium	**6.77**	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 18:34	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 18:34	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Copper	**5.24**	---	2.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Lead	**3.27**	---	0.200	ug/L	1	01/22/21 18:34	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 18:34	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 18:34	EPA 6020B	
Vanadium	ND	---	2.00	ug/L	1	01/22/21 18:34	EPA 6020B	
Zinc	**59.6**	---	4.00	ug/L	1	01/22/21 18:34	EPA 6020B	
SE02-0121 (A1A0458-03)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**				
Arsenic	**1.66**	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Barium	**382**	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 18:39	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 18:39	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Copper	**10.5**	---	2.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Lead	**7.32**	---	0.200	ug/L	1	01/22/21 18:39	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 18:39	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 18:39	EPA 6020B	
Vanadium	**5.95**	---	2.00	ug/L	1	01/22/21 18:39	EPA 6020B	
Zinc	**205**	---	4.00	ug/L	1	01/22/21 18:39	EPA 6020B	
GW01-0121 (A1A0458-04)				**Matrix: Water**				
Batch: 1013175								
Antimony	**1.49**	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Barium	**55.1**	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 18:45	EPA 6020B	
Cadmium	**0.285**	---	0.200	ug/L	1	01/22/21 18:45	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Copper	**2.07**	---	2.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Lead	**0.564**	---	0.200	ug/L	1	01/22/21 18:45	EPA 6020B	
Nickel	**2.39**	---	2.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 18:45	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 18:45	EPA 6020B	
Vanadium	**2.35**	---	2.00	ug/L	1	01/22/21 18:45	EPA 6020B	
Zinc	**580**	---	4.00	ug/L	1	01/22/21 18:45	EPA 6020B	
SW01-0121 (A1A0458-05)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Barium	**7.32**	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05)				**Matrix: Water**				
Beryllium	ND	---	0.200	ug/L	1	01/22/21 19:00	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 19:00	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Copper	**2.19**	---	2.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Lead	**1.08**	---	0.200	ug/L	1	01/22/21 19:00	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 19:00	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 19:00	EPA 6020B	
Vanadium	**2.21**	---	2.00	ug/L	1	01/22/21 19:00	EPA 6020B	
Zinc	**42.0**	---	4.00	ug/L	1	01/22/21 19:00	EPA 6020B	
SW02-0121 (A1A0458-06)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Barium	**5.22**	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 19:06	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 19:06	EPA 6020B	
Chromium	ND	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Copper	**2.90**	---	2.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Lead	**2.59**	---	0.200	ug/L	1	01/22/21 19:06	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 19:06	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 19:06	EPA 6020B	
Vanadium	ND	---	2.00	ug/L	1	01/22/21 19:06	EPA 6020B	
Zinc	**62.4**	---	4.00	ug/L	1	01/22/21 19:06	EPA 6020B	
SW03-0121 (A1A0458-07)				**Matrix: Water**				
Batch: 1013175								
Antimony	ND	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Arsenic	ND	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Barium	**2.18**	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Beryllium	ND	---	0.200	ug/L	1	01/22/21 19:21	EPA 6020B	
Cadmium	ND	---	0.200	ug/L	1	01/22/21 19:21	EPA 6020B	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07)				**Matrix: Water**				
Chromium	ND	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Cobalt	ND	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Copper	ND	---	2.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Lead	ND	---	0.200	ug/L	1	01/22/21 19:21	EPA 6020B	
Nickel	ND	---	2.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Selenium	ND	---	1.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Silver	ND	---	0.200	ug/L	1	01/22/21 19:21	EPA 6020B	
Thallium	ND	---	0.200	ug/L	1	01/22/21 19:21	EPA 6020B	
Vanadium	ND	---	2.00	ug/L	1	01/22/21 19:21	EPA 6020B	
Zinc	**4.00**	---	4.00	ug/L	1	01/22/21 19:21	EPA 6020B	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Barium	**5.73**	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	FILT1
Zinc	**41.1**	---	4.00	ug/L	1	01/22/21 17:10	EPA 6020B (Diss)	**FILT1**
SE101-0121 (A1A0458-02)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Barium	**5.64**	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	FILT1
Zinc	**43.8**	---	4.00	ug/L	1	01/22/21 17:15	EPA 6020B (Diss)	**FILT1**
SE02-0121 (A1A0458-03)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**				
Arsenic	**1.01**	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	**FILT1**
Barium	**36.6**	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	FILT1
Vanadium	**2.46**	---	2.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	**FILT1**
Zinc	**134**	---	4.00	ug/L	1	01/22/21 17:21	EPA 6020B (Diss)	**FILT1**
GW01-0121 (A1A0458-04)				**Matrix: Water**				
Batch: 1013184								
Antimony	**1.47**	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	**FILT1**
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Barium	**51.7**	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Cadmium	**0.283**	---	0.200	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	**FILT1**
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	FILT1
Zinc	**547**	---	4.00	ug/L	1	01/22/21 17:26	EPA 6020B (Diss)	**FILT1**
SW01-0121 (A1A0458-05)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Barium	**6.33**	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	**FILT1**

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05)				**Matrix: Water**				
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Lead	**0.493**	---	0.200	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	**FILT1**
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	FILT1
Zinc	**35.2**	---	4.00	ug/L	1	01/22/21 17:42	EPA 6020B (Diss)	**FILT1**
SW02-0121 (A1A0458-06)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Barium	**3.78**	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	FILT1
Zinc	**36.8**	---	4.00	ug/L	1	01/22/21 17:47	EPA 6020B (Diss)	**FILT1**
SW03-0121 (A1A0458-07)				**Matrix: Water**				
Batch: 1013184								
Antimony	ND	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Arsenic	ND	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Barium	**1.83**	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	**FILT1**
Beryllium	ND	---	0.200	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Cadmium	ND	---	0.200	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1

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Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07)				**Matrix: Water**				
Chromium	ND	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Cobalt	ND	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Copper	ND	---	2.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Lead	ND	---	0.200	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Nickel	ND	---	2.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Selenium	ND	---	1.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Silver	ND	---	0.200	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Thallium	ND	---	0.200	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Vanadium	ND	---	2.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1
Zinc	ND	---	4.00	ug/L	1	01/22/21 17:52	EPA 6020B (Diss)	FILT1

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

ANALYTICAL SAMPLE RESULTS

Nitrate + Nitrite by EPA 353.2

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**0.459**	---	0.0200	mg/L	1	01/18/21 15:10	EPA 353.2	
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**0.454**	---	0.0200	mg/L	1	01/18/21 15:14	EPA 353.2	
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**3.76**	---	0.100	mg/L	5	01/18/21 15:15	EPA 353.2	
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**5.99**	---	0.100	mg/L	5	01/18/21 15:21	EPA 353.2	
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**0.812**	---	0.0400	mg/L	2	01/18/21 15:22	EPA 353.2	
SW02-0121 (A1A0458-06)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**0.303**	---	0.0200	mg/L	1	01/18/21 15:24	EPA 353.2	
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: 1012984**		
Nitrate+Nitrite Nitrogen	**0.346**	---	0.0200	mg/L	1	01/18/21 15:25	EPA 353.2	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
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Weck Laboratories, Inc.

ANALYTICAL SAMPLE RESULTS (Subcontracted)

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE01-0121 (A1A0458-01)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-28	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-49	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-47	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-99	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-100	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-85	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-138	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-153	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
PBDE-154	ND	---	10	ng/l	1	01/27/21 16:12	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 106 %*		*Limits: 50-150 %*	*1*	*01/27/21 16:12*	*GC/MS SIM*	
Triphenyl phosphate			*141 %*		*50-150 %*	*1*	*01/27/21 16:12*	*GC/MS SIM*
SE101-0121 (A1A0458-02)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-28	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-49	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-47	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-99	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-100	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-85	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-138	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-153	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
PBDE-154	ND	---	10	ng/l	1	01/27/21 16:30	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 99 %*		*Limits: 50-150 %*	*1*	*01/27/21 16:30*	*GC/MS SIM*	
Triphenyl phosphate			*136 %*		*50-150 %*	*1*	*01/27/21 16:30*	*GC/MS SIM*
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-28	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02

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Lisa Domenighini, Client Services Manager

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Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

Weck Laboratories, Inc.

ANALYTICAL SAMPLE RESULTS (Subcontracted)

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SE02-0121 (A1A0458-03)				**Matrix: Water**		**Batch: W1A1118**		
PBDE-49	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-47	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-99	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-100	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-85	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-138	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-153	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
PBDE-154	ND	---	25	ng/l	1	01/27/21 16:47	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 117 %*		*Limits: 50-150 %*	*1*	*01/27/21 16:47*	*GC/MS SIM*	
Triphenyl phosphate			*162 %*	*50-150 %*	*1*	*01/27/21 16:47*	*GC/MS SIM*	*S-GC*
GW01-0121 (A1A0458-04)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-28	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-49	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-47	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-99	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-100	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-85	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-138	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-153	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
PBDE-154	ND	---	10	ng/l	1	01/27/21 18:30	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 93 %*		*Limits: 50-150 %*	*1*	*01/27/21 18:30*	*GC/MS SIM*	
Triphenyl phosphate			*168 %*	*50-150 %*	*1*	*01/27/21 18:30*	*GC/MS SIM*	*S-GC*
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-28	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-49	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-47	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-99	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

Weck Laboratories, Inc.

ANALYTICAL SAMPLE RESULTS (Subcontracted)

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW01-0121 (A1A0458-05)				**Matrix: Water**		**Batch: W1A1118**		
PBDE-100	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-85	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-138	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-153	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
PBDE-154	ND	---	10	ng/l	1	01/27/21 18:47	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 90 %*		*Limits: 50-150 %*	*1*	*01/27/21 18:47*	*GC/MS SIM*	
Triphenyl phosphate			*174 %*	*50-150 %*	*1*	*01/27/21 18:47*	*GC/MS SIM*	*S-GC*
SW02-0121 (A1A0458-06)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-28	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-49	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-47	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-99	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-100	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-85	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-138	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-153	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
PBDE-154	ND	---	25	ng/l	1	01/27/21 17:39	GC/MS SIM	M-02
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery: 107 %*		*Limits: 50-150 %*	*1*	*01/27/21 17:39*	*GC/MS SIM*	
Triphenyl phosphate			*164 %*	*50-150 %*	*1*	*01/27/21 17:39*	*GC/MS SIM*	*S-GC*
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: W1A1118**		
Batch: W1A1118								
PBDE-17	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-28	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-49	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-47	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-99	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-100	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-85	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-138	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	

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Lisa Domenighini, Client Services Manager

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

Weck Laboratories, Inc.

ANALYTICAL SAMPLE RESULTS (Subcontracted)

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SW03-0121 (A1A0458-07)				**Matrix: Water**		**Batch: W1A1118**		
PBDE-153	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
PBDE-154	ND	---	5.0	ng/l	1	01/27/21 17:56	GC/MS SIM	
Batch: W1A1118								
Surrogate: Perylene-d12		*Recovery:*	*116 %*	*Limits: 50-150 %*	*1*	*01/27/21 17:56*	*GC/MS SIM*	
Triphenyl phosphate			*165 %*	*50-150 %*	*1*	*01/27/21 17:56*	*GC/MS SIM*	*S-GC*

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012821 - EPA 5030B							**Water**					
Blank (1012821-BLK1)		Prepared: 01/13/21 08:00		Analyzed: 01/13/21 10:45								
EPA 8260D												
Acetone	ND	---	20.0	ug/L	1	---	---	---	---	---	---	
Acrylonitrile	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Bromobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
n-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Carbon disulfide	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012821 - EPA 5030B							**Water**					
Blank (1012821-BLK1)		Prepared: 01/13/21 08:00		Analyzed: 01/13/21 10:45								
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Hexanone	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Styrene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
m,p-Xylene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
o-Xylene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 102 %* *Limits: 80-120 %* *Dilution: 1x*

Apex Laboratories

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012821 - EPA 5030B							**Water**					
Blank (1012821-BLK1)			Prepared: 01/13/21 08:00 Analyzed: 01/13/21 10:45									
Surr: Toluene-d8 (Surr)			*Recovery: 99 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*				*"*				
LCS (1012821-BS1)			Prepared: 01/13/21 08:00 Analyzed: 01/13/21 09:42									
EPA 8260D												
Acetone	37.2	---	20.0	ug/L	1	40.0	---	93	80 - 120%	---	---	
Acrylonitrile	20.4	---	2.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
Benzene	21.0	---	0.200	ug/L	1	20.0	---	105	80 - 120%	---	---	
Bromobenzene	17.8	---	0.500	ug/L	1	20.0	---	89	80 - 120%	---	---	
Bromochloromethane	17.2	---	1.00	ug/L	1	20.0	---	86	80 - 120%	---	---	
Bromodichloromethane	19.4	---	1.00	ug/L	1	20.0	---	97	80 - 120%	---	---	
Bromoform	19.9	---	1.00	ug/L	1	20.0	---	99	80 - 120%	---	---	
Bromomethane	29.0	---	5.00	ug/L	1	20.0	---	**145**	**80 - 120%**	---	---	Q-56
2-Butanone (MEK)	38.3	---	10.0	ug/L	1	40.0	---	96	80 - 120%	---	---	
n-Butylbenzene	22.1	---	1.00	ug/L	1	20.0	---	111	80 - 120%	---	---	
sec-Butylbenzene	20.7	---	1.00	ug/L	1	20.0	---	104	80 - 120%	---	---	
tert-Butylbenzene	19.8	---	1.00	ug/L	1	20.0	---	99	80 - 120%	---	---	
Carbon disulfide	19.4	---	10.0	ug/L	1	20.0	---	97	80 - 120%	---	---	
Carbon tetrachloride	21.1	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	
Chlorobenzene	21.0	---	0.500	ug/L	1	20.0	---	105	80 - 120%	---	---	
Chloroethane	16.8	---	5.00	ug/L	1	20.0	---	84	80 - 120%	---	---	
Chloroform	17.6	---	1.00	ug/L	1	20.0	---	88	80 - 120%	---	---	
Chloromethane	15.4	---	5.00	ug/L	1	20.0	---	**77**	**80 - 120%**	---	---	Q-55
2-Chlorotoluene	19.1	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
4-Chlorotoluene	19.2	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
Dibromochloromethane	23.9	---	1.00	ug/L	1	20.0	---	120	80 - 120%	---	---	
1,2-Dibromo-3-chloropropane	19.6	---	5.00	ug/L	1	20.0	---	98	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	22.5	---	0.500	ug/L	1	20.0	---	113	80 - 120%	---	---	
Dibromomethane	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
1,2-Dichlorobenzene	18.3	---	0.500	ug/L	1	20.0	---	92	80 - 120%	---	---	
1,3-Dichlorobenzene	18.8	---	0.500	ug/L	1	20.0	---	94	80 - 120%	---	---	
1,4-Dichlorobenzene	20.8	---	0.500	ug/L	1	20.0	---	104	80 - 120%	---	---	
Dichlorodifluoromethane	16.2	---	1.00	ug/L	1	20.0	---	81	80 - 120%	---	---	
1,1-Dichloroethane	17.2	---	0.400	ug/L	1	20.0	---	86	80 - 120%	---	---	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012821 - EPA 5030B							**Water**					
LCS (1012821-BS1)		Prepared: 01/13/21 08:00		Analyzed: 01/13/21 09:42								
1,2-Dichloroethane (EDC)	16.1	---	0.400	ug/L	1	20.0	---	80	80 - 120%	---	---	
1,1-Dichloroethene	17.7	---	0.400	ug/L	1	20.0	---	88	80 - 120%	---	---	
cis-1,2-Dichloroethene	18.6	---	0.400	ug/L	1	20.0	---	93	80 - 120%	---	---	
trans-1,2-Dichloroethene	19.0	---	0.400	ug/L	1	20.0	---	95	80 - 120%	---	---	
1,2-Dichloropropane	17.5	---	0.500	ug/L	1	20.0	---	87	80 - 120%	---	---	
1,3-Dichloropropane	18.8	---	1.00	ug/L	1	20.0	---	94	80 - 120%	---	---	
2,2-Dichloropropane	23.1	---	1.00	ug/L	1	20.0	---	116	80 - 120%	---	---	
1,1-Dichloropropene	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
cis-1,3-Dichloropropene	23.1	---	1.00	ug/L	1	20.0	---	116	80 - 120%	---	---	
trans-1,3-Dichloropropene	21.6	---	1.00	ug/L	1	20.0	---	108	80 - 120%	---	---	
Ethylbenzene	20.9	---	0.500	ug/L	1	20.0	---	104	80 - 120%	---	---	
Hexachlorobutadiene	22.9	---	5.00	ug/L	1	20.0	---	114	80 - 120%	---	---	
2-Hexanone	42.8	---	10.0	ug/L	1	40.0	---	107	80 - 120%	---	---	
Isopropylbenzene	21.5	---	1.00	ug/L	1	20.0	---	107	80 - 120%	---	---	
4-Isopropyltoluene	22.4	---	1.00	ug/L	1	20.0	---	112	80 - 120%	---	---	
Methylene chloride	17.7	---	10.0	ug/L	1	20.0	---	89	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	39.5	---	10.0	ug/L	1	40.0	---	99	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	20.0	---	1.00	ug/L	1	20.0	---	100	80 - 120%	---	---	
Naphthalene	20.4	---	2.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
n-Propylbenzene	17.2	---	0.500	ug/L	1	20.0	---	86	80 - 120%	---	---	
Styrene	23.2	---	1.00	ug/L	1	20.0	---	116	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	22.2	---	0.400	ug/L	1	20.0	---	111	80 - 120%	---	---	
1,1,2,2-Tetrachloroethane	20.2	---	0.500	ug/L	1	20.0	---	101	80 - 120%	---	---	
Tetrachloroethene (PCE)	20.0	---	0.400	ug/L	1	20.0	---	100	80 - 120%	---	---	
Toluene	21.0	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	
1,2,3-Trichlorobenzene	24.3	---	2.00	ug/L	1	20.0	---	**122**	**80 - 120%**	---	---	Q-56
1,2,4-Trichlorobenzene	23.6	---	2.00	ug/L	1	20.0	---	118	80 - 120%	---	---	
1,1,1-Trichloroethane	19.0	---	0.400	ug/L	1	20.0	---	95	80 - 120%	---	---	
1,1,2-Trichloroethane	19.0	---	0.500	ug/L	1	20.0	---	95	80 - 120%	---	---	
Trichloroethene (TCE)	18.4	---	0.400	ug/L	1	20.0	---	92	80 - 120%	---	---	
Trichlorofluoromethane	17.7	---	2.00	ug/L	1	20.0	---	89	80 - 120%	---	---	
1,2,3-Trichloropropane	19.1	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
1,2,4-Trimethylbenzene	21.2	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	
1,3,5-Trimethylbenzene	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012821 - EPA 5030B							**Water**					
LCS (1012821-BS1)		Prepared: 01/13/21 08:00		Analyzed: 01/13/21 09:42								
Vinyl chloride	19.6	---	0.400	ug/L	1	20.0	---	98	80 - 120%	---	---	
m,p-Xylene	38.7	---	1.00	ug/L	1	40.0	---	97	80 - 120%	---	---	
o-Xylene	20.6	---	0.500	ug/L	1	20.0	---	103	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 99 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*99 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*100 %*		*80-120 %*			*"*					

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1012876-BLK1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 19:44								
EPA 8270E												
Acenaphthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Chrysene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluorene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Carbazole	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
2-Chlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloro-3-methylphenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4-Dichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dimethylphenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrophenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
4,6-Dinitro-2-methylphenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
2-Methylphenol	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
3+4-Methylphenol(s)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
4-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Pentachlorophenol (PCP)	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Phenol	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,3,4,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	

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Lisa Domenighini, Client Services Manager

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1012876-BLK1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 19:44								
2,3,5,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4,5-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Nitrobenzene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4,6-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Bis(2-ethylhexyl)phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Butyl benzyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Diethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Dimethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-butylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-octyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
N-Nitrosodimethylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitroso-di-n-propylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitrosodiphenylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethoxy) methane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethyl) ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Hexachlorobenzene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Hexachlorocyclopentadiene	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Hexachloroethane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Chloronaphthalene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
4-Bromophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
4-Chlorophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Aniline	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloroaniline	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
3-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
4-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,6-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Benzoic acid	ND	---	2.27	ug/L	1	---	---	---	---	---	---	
Benzyl alcohol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Isophorone	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)									Water			
Blank (1012876-BLK1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 19:44								
Azobenzene (1,2-DPH)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Ethylhexyl) adipate	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
3,3'-Dichlorobenzidine	ND	---	0.909	ug/L	1	---	---	---	---	---	---	Q-52
1,2-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,3-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,4-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
Pyridine	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Surr: Nitrobenzene-d5 (Surr)		*Recovery: 77 %*		*Limits: 44-120 %*					*Dilution: 1x*			
2-Fluorobiphenyl (Surr)			*60 %*		*44-120 %*				*"*			
Phenol-d6 (Surr)			*29 %*		*10-133 %*				*"*			
p-Terphenyl-d14 (Surr)			*91 %*		*50-134 %*				*"*			
2-Fluorophenol (Surr)			*41 %*		*19-120 %*				*"*			
2,4,6-Tribromophenol (Surr)			*85 %*		*43-140 %*				*"*			
LCS (1012876-BS1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:21								
EPA 8270E												
Acenaphthene	2.57	---	0.0400	ug/L	2	4.00	---	64	47 - 122%	---	---	
Acenaphthylene	2.86	---	0.0400	ug/L	2	4.00	---	72	41 - 130%	---	---	
Anthracene	3.18	---	0.0400	ug/L	2	4.00	---	80	57 - 123%	---	---	
Benz(a)anthracene	3.36	---	0.0400	ug/L	2	4.00	---	84	58 - 125%	---	---	
Benzo(a)pyrene	3.31	---	0.0600	ug/L	2	4.00	---	83	54 - 128%	---	---	
Benzo(b)fluoranthene	3.44	---	0.0600	ug/L	2	4.00	---	86	53 - 131%	---	---	
Benzo(k)fluoranthene	3.23	---	0.0600	ug/L	2	4.00	---	81	57 - 129%	---	---	
Benzo(g,h,i)perylene	2.78	---	0.0400	ug/L	2	4.00	---	69	50 - 134%	---	---	
Chrysene	3.29	---	0.0400	ug/L	2	4.00	---	82	59 - 123%	---	---	
Dibenz(a,h)anthracene	3.17	---	0.0400	ug/L	2	4.00	---	79	51 - 134%	---	---	
Fluoranthene	3.39	---	0.0400	ug/L	2	4.00	---	85	57 - 128%	---	---	
Fluorene	2.90	---	0.0400	ug/L	2	4.00	---	72	52 - 124%	---	---	
Indeno(1,2,3-cd)pyrene	2.94	---	0.0400	ug/L	2	4.00	---	74	52 - 134%	---	---	
1-Methylnaphthalene	2.02	---	0.0800	ug/L	2	4.00	---	51	41 - 120%	---	---	
2-Methylnaphthalene	1.99	---	0.0800	ug/L	2	4.00	---	50	40 - 121%	---	---	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1012876-BS1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:21								
Naphthalene	1.90	---	0.0800	ug/L	2	4.00	---	47	40 - 121%	---	---	
Phenanthrene	3.01	---	0.0400	ug/L	2	4.00	---	75	59 - 120%	---	---	
Pyrene	3.28	---	0.0400	ug/L	2	4.00	---	82	57 - 126%	---	---	
Carbazole	3.51	---	0.0600	ug/L	2	4.00	---	88	60 - 122%	---	---	
Dibenzofuran	2.67	---	0.0400	ug/L	2	4.00	---	67	53 - 120%	---	---	
2-Chlorophenol	2.86	---	0.200	ug/L	2	4.00	---	72	38 - 120%	---	---	
4-Chloro-3-methylphenol	3.12	---	0.400	ug/L	2	4.00	---	78	52 - 120%	---	---	
2,4-Dichlorophenol	3.24	---	0.200	ug/L	2	4.00	---	81	47 - 121%	---	---	
2,4-Dimethylphenol	2.85	---	0.200	ug/L	2	4.00	---	71	31 - 124%	---	---	
2,4-Dinitrophenol	2.80	---	1.00	ug/L	2	4.00	---	70	23 - 143%	---	---	Q-31
4,6-Dinitro-2-methylphenol	2.66	---	1.00	ug/L	2	4.00	---	67	44 - 137%	---	---	
2-Methylphenol	2.68	---	0.100	ug/L	2	4.00	---	67	30 - 120%	---	---	
3+4-Methylphenol(s)	2.49	---	0.100	ug/L	2	4.00	---	62	29 - 120%	---	---	
2-Nitrophenol	3.06	---	0.400	ug/L	2	4.00	---	76	47 - 123%	---	---	
4-Nitrophenol	1.41	---	0.400	ug/L	2	4.00	---	35	10 - 120%	---	---	
Pentachlorophenol (PCP)	3.68	---	0.400	ug/L	2	4.00	---	92	35 - 138%	---	---	
Phenol	1.22	---	0.800	ug/L	2	4.00	---	31	10 - 120%	---	---	
2,3,4,6-Tetrachlorophenol	3.30	---	0.200	ug/L	2	4.00	---	83	50 - 128%	---	---	
2,3,5,6-Tetrachlorophenol	3.66	---	0.200	ug/L	2	4.00	---	91	50 - 121%	---	---	
2,4,5-Trichlorophenol	3.37	---	0.200	ug/L	2	4.00	---	84	53 - 123%	---	---	
Nitrobenzene	3.02	---	0.400	ug/L	2	4.00	---	75	45 - 121%	---	---	
2,4,6-Trichlorophenol	3.49	---	0.200	ug/L	2	4.00	---	87	50 - 125%	---	---	
Bis(2-ethylhexyl)phthalate	3.54	---	0.800	ug/L	2	4.00	---	88	55 - 135%	---	---	
Butyl benzyl phthalate	3.87	---	0.800	ug/L	2	4.00	---	97	53 - 134%	---	---	
Diethylphthalate	3.31	---	0.800	ug/L	2	4.00	---	83	56 - 125%	---	---	
Dimethylphthalate	3.38	---	0.800	ug/L	2	4.00	---	84	45 - 127%	---	---	
Di-n-butylphthalate	3.61	---	0.800	ug/L	2	4.00	---	90	59 - 127%	---	---	
Di-n-octyl phthalate	4.06	---	0.800	ug/L	2	4.00	---	101	51 - 140%	---	---	
N-Nitrosodimethylamine	1.65	---	0.100	ug/L	2	4.00	---	41	10 - 120%	---	---	
N-Nitroso-di-n-propylamine	3.42	---	0.100	ug/L	2	4.00	---	85	49 - 120%	---	---	
N-Nitrosodiphenylamine	3.26	---	0.100	ug/L	2	4.00	---	82	51 - 123%	---	---	
Bis(2-Chloroethoxy) methane	3.01	---	0.100	ug/L	2	4.00	---	75	48 - 120%	---	---	
Bis(2-Chloroethyl) ether	2.94	---	0.100	ug/L	2	4.00	---	73	43 - 120%	---	---	
2,2'-Oxybis(1-Chloropropane)	2.73	---	0.100	ug/L	2	4.00	---	68	37 - 130%	---	---	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1012876-BS1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:21								
Hexachlorobenzene	2.99	---	0.0400	ug/L	2	4.00	---	75	53 - 125%	---	---	
Hexachlorobutadiene	1.03	---	0.100	ug/L	2	4.00	---	26	22 - 124%	---	---	
Hexachlorocyclopentadiene	0.561	---	0.200	ug/L	2	4.00	---	14	10 - 127%	---	---	
Hexachloroethane	1.03	---	0.100	ug/L	2	4.00	---	26	21 - 120%	---	---	
2-Chloronaphthalene	2.09	---	0.0400	ug/L	2	4.00	---	52	40 - 120%	---	---	
1,2,4-Trichlorobenzene	1.38	---	0.100	ug/L	2	4.00	---	35	29 - 120%	---	---	
4-Bromophenyl phenyl ether	3.03	---	0.100	ug/L	2	4.00	---	76	55 - 124%	---	---	
4-Chlorophenyl phenyl ether	2.76	---	0.100	ug/L	2	4.00	---	69	53 - 121%	---	---	
Aniline	2.18	---	0.200	ug/L	2	4.00	---	54	10 - 120%	---	---	
4-Chloroaniline	2.63	---	0.100	ug/L	2	4.00	---	66	33 - 120%	---	---	
2-Nitroaniline	3.39	---	0.800	ug/L	2	4.00	---	85	55 - 127%	---	---	
3-Nitroaniline	3.06	---	0.800	ug/L	2	4.00	---	77	41 - 128%	---	---	
4-Nitroaniline	2.54	---	0.800	ug/L	2	4.00	---	63	54 - 128%	---	---	
2,4-Dinitrotoluene	3.21	---	0.400	ug/L	2	4.00	---	80	57 - 128%	---	---	
2,6-Dinitrotoluene	3.04	---	0.400	ug/L	2	4.00	---	76	57 - 124%	---	---	
Benzoic acid	3.93	---	2.50	ug/L	2	8.00	---	49	10 - 120%	---	---	Q-31
Benzyl alcohol	3.03	---	0.400	ug/L	2	4.00	---	76	31 - 120%	---	---	
Isophorone	3.40	---	0.100	ug/L	2	4.00	---	85	42 - 124%	---	---	
Azobenzene (1,2-DPH)	3.04	---	0.100	ug/L	2	4.00	---	76	61 - 120%	---	---	
Bis(2-Ethylhexyl) adipate	3.66	---	1.00	ug/L	2	4.00	---	92	57 - 136%	---	---	
3,3'-Dichlorobenzidine	8.83	---	2.00	ug/L	2	8.00	---	110	27 - 129%	---	---	
1,2-Dinitrobenzene	3.12	---	1.00	ug/L	2	4.00	---	78	59 - 120%	---	---	
1,3-Dinitrobenzene	3.16	---	1.00	ug/L	2	4.00	---	79	49 - 128%	---	---	
1,4-Dinitrobenzene	3.05	---	1.00	ug/L	2	4.00	---	76	72 - 130%	---	---	
Pyridine	1.26	---	0.400	ug/L	2	4.00	---	31	10 - 120%	---	---	
1,2-Dichlorobenzene	1.34	---	0.100	ug/L	2	4.00	---	34	32 - 120%	---	---	
1,3-Dichlorobenzene	1.20	---	0.100	ug/L	2	4.00	---	30	28 - 120%	---	---	
1,4-Dichlorobenzene	1.26	---	0.100	ug/L	2	4.00	---	31	29 - 120%	---	---	

Surr: Nitrobenzene-d5 (Surr)	*Recovery: 81 %*	*Limits: 44-120 %*	*Dilution: 2x*	
2-Fluorobiphenyl (Surr)	*68 %*	*44-120 %*	*"*	
Phenol-d6 (Surr)	*28 %*	*10-133 %*	*"*	
p-Terphenyl-d14 (Surr)	*90 %*	*50-134 %*	*"*	
2-Fluorophenol (Surr)	*40 %*	*19-120 %*	*"*	
2,4,6-Tribromophenol (Surr)	*92 %*	*43-140 %*	*"*	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012876-BSD1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:57								**Q-19**
EPA 8270E												
Acenaphthene	2.95	---	0.0400	ug/L	2	4.00	---	74	47 - 122%	14	30%	
Acenaphthylene	3.22	---	0.0400	ug/L	2	4.00	---	80	41 - 130%	12	30%	
Anthracene	3.25	---	0.0400	ug/L	2	4.00	---	81	57 - 123%	2	30%	
Benz(a)anthracene	3.36	---	0.0400	ug/L	2	4.00	---	84	58 - 125%	0.02	30%	
Benzo(a)pyrene	3.40	---	0.0600	ug/L	2	4.00	---	85	54 - 128%	3	30%	
Benzo(b)fluoranthene	3.52	---	0.0600	ug/L	2	4.00	---	88	53 - 131%	2	30%	
Benzo(k)fluoranthene	3.24	---	0.0600	ug/L	2	4.00	---	81	57 - 129%	0.2	30%	
Benzo(g,h,i)perylene	2.81	---	0.0400	ug/L	2	4.00	---	70	50 - 134%	1	30%	
Chrysene	3.22	---	0.0400	ug/L	2	4.00	---	80	59 - 123%	2	30%	
Dibenz(a,h)anthracene	3.23	---	0.0400	ug/L	2	4.00	---	81	51 - 134%	2	30%	
Fluoranthene	3.40	---	0.0400	ug/L	2	4.00	---	85	57 - 128%	0.2	30%	
Fluorene	3.14	---	0.0400	ug/L	2	4.00	---	79	52 - 124%	8	30%	
Indeno(1,2,3-cd)pyrene	2.98	---	0.0400	ug/L	2	4.00	---	75	52 - 134%	1	30%	
1-Methylnaphthalene	2.69	---	0.0800	ug/L	2	4.00	---	67	41 - 120%	28	30%	
2-Methylnaphthalene	2.71	---	0.0800	ug/L	2	4.00	---	68	40 - 121%	**31**	**30%**	Q-24
Naphthalene	2.51	---	0.0800	ug/L	2	4.00	---	63	40 - 121%	28	30%	
Phenanthrene	3.05	---	0.0400	ug/L	2	4.00	---	76	59 - 120%	1	30%	
Pyrene	3.34	---	0.0400	ug/L	2	4.00	---	83	57 - 126%	2	30%	
Carbazole	3.53	---	0.0600	ug/L	2	4.00	---	88	60 - 122%	0.7	30%	
Dibenzofuran	2.98	---	0.0400	ug/L	2	4.00	---	74	53 - 120%	11	30%	
2-Chlorophenol	2.85	---	0.200	ug/L	2	4.00	---	71	38 - 120%	0.4	30%	
4-Chloro-3-methylphenol	3.13	---	0.400	ug/L	2	4.00	---	78	52 - 120%	0.3	30%	
2,4-Dichlorophenol	3.26	---	0.200	ug/L	2	4.00	---	82	47 - 121%	0.8	30%	
2,4-Dimethylphenol	3.05	---	0.200	ug/L	2	4.00	---	76	31 - 124%	7	30%	
2,4-Dinitrophenol	2.77	---	1.00	ug/L	2	4.00	---	69	23 - 143%	1	30%	Q-31
4,6-Dinitro-2-methylphenol	2.72	---	1.00	ug/L	2	4.00	---	68	44 - 137%	2	30%	
2-Methylphenol	2.68	---	0.100	ug/L	2	4.00	---	67	30 - 120%	0.05	30%	
3+4-Methylphenol(s)	2.51	---	0.100	ug/L	2	4.00	---	63	29 - 120%	0.9	30%	
2-Nitrophenol	3.15	---	0.400	ug/L	2	4.00	---	79	47 - 123%	3	30%	
4-Nitrophenol	1.44	---	0.400	ug/L	2	4.00	---	36	10 - 120%	2	30%	
Pentachlorophenol (PCP)	3.69	---	0.400	ug/L	2	4.00	---	92	35 - 138%	0.4	30%	
Phenol	1.27	---	0.800	ug/L	2	4.00	---	32	10 - 120%	3	30%	

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012876-BSD1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:57								**Q-19**
2,3,4,6-Tetrachlorophenol	3.33	---	0.200	ug/L	2	4.00	---	83	50 - 128%	1	30%	
2,3,5,6-Tetrachlorophenol	3.72	---	0.200	ug/L	2	4.00	---	93	50 - 121%	2	30%	
2,4,5-Trichlorophenol	3.37	---	0.200	ug/L	2	4.00	---	84	53 - 123%	0.1	30%	
Nitrobenzene	3.13	---	0.400	ug/L	2	4.00	---	78	45 - 121%	4	30%	
2,4,6-Trichlorophenol	3.51	---	0.200	ug/L	2	4.00	---	88	50 - 125%	0.8	30%	
Bis(2-ethylhexyl)phthalate	3.51	---	0.800	ug/L	2	4.00	---	88	55 - 135%	0.7	30%	
Butyl benzyl phthalate	3.80	---	0.800	ug/L	2	4.00	---	95	53 - 134%	2	30%	
Diethylphthalate	3.32	---	0.800	ug/L	2	4.00	---	83	56 - 125%	0.2	30%	
Dimethylphthalate	3.38	---	0.800	ug/L	2	4.00	---	84	45 - 127%	0.005	30%	
Di-n-butylphthalate	3.67	---	0.800	ug/L	2	4.00	---	92	59 - 127%	2	30%	
Di-n-octyl phthalate	4.17	---	0.800	ug/L	2	4.00	---	104	51 - 140%	3	30%	
N-Nitrosodimethylamine	1.71	---	0.100	ug/L	2	4.00	---	43	10 - 120%	4	30%	
N-Nitroso-di-n-propylamine	3.42	---	0.100	ug/L	2	4.00	---	85	49 - 120%	0.04	30%	
N-Nitrosodiphenylamine	3.31	---	0.100	ug/L	2	4.00	---	83	51 - 123%	1	30%	
Bis(2-Chloroethoxy) methane	3.05	---	0.100	ug/L	2	4.00	---	76	48 - 120%	2	30%	
Bis(2-Chloroethyl) ether	2.98	---	0.100	ug/L	2	4.00	---	75	43 - 120%	2	30%	
2,2'-Oxybis(1-Chloropropane)	2.90	---	0.100	ug/L	2	4.00	---	72	37 - 130%	6	30%	
Hexachlorobenzene	3.06	---	0.0400	ug/L	2	4.00	---	76	53 - 125%	2	30%	
Hexachlorobutadiene	2.04	---	0.100	ug/L	2	4.00	---	51	22 - 124%	**66**	**30%**	Q-24
Hexachlorocyclopentadiene	1.30	---	0.200	ug/L	2	4.00	---	32	10 - 127%	**79**	**30%**	Q-24
Hexachloroethane	1.97	---	0.100	ug/L	2	4.00	---	49	21 - 120%	**62**	**30%**	Q-24
2-Chloronaphthalene	2.68	---	0.0400	ug/L	2	4.00	---	67	40 - 120%	25	30%	
1,2,4-Trichlorobenzene	2.22	---	0.100	ug/L	2	4.00	---	55	29 - 120%	**46**	**30%**	Q-24
4-Bromophenyl phenyl ether	3.22	---	0.100	ug/L	2	4.00	---	81	55 - 124%	6	30%	
4-Chlorophenyl phenyl ether	3.06	---	0.100	ug/L	2	4.00	---	76	53 - 121%	10	30%	
Aniline	2.48	---	0.200	ug/L	2	4.00	---	62	10 - 120%	13	30%	
4-Chloroaniline	2.80	---	0.100	ug/L	2	4.00	---	70	33 - 120%	6	30%	
2-Nitroaniline	3.39	---	0.800	ug/L	2	4.00	---	85	55 - 127%	0.2	30%	
3-Nitroaniline	3.08	---	0.800	ug/L	2	4.00	---	77	41 - 128%	0.6	30%	
4-Nitroaniline	2.65	---	0.800	ug/L	2	4.00	---	66	54 - 128%	4	30%	
2,4-Dinitrotoluene	3.22	---	0.400	ug/L	2	4.00	---	81	57 - 128%	0.4	30%	
2,6-Dinitrotoluene	3.10	---	0.400	ug/L	2	4.00	---	77	57 - 124%	2	30%	
Benzoic acid	3.51	---	2.50	ug/L	2	8.00	---	44	10 - 120%	11	30%	Q-31
Benzyl alcohol	3.09	---	0.400	ug/L	2	4.00	---	77	31 - 120%	2	30%	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012876 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012876-BSD1)		Prepared: 01/14/21 10:43		Analyzed: 01/14/21 20:57								**Q-19**
Isophorone	3.46	---	0.100	ug/L	2	4.00	---	86	42 - 124%	2	30%	
Azobenzene (1,2-DPH)	3.10	---	0.100	ug/L	2	4.00	---	78	61 - 120%	2	30%	
Bis(2-Ethylhexyl) adipate	3.71	---	1.00	ug/L	2	4.00	---	93	57 - 136%	1	30%	
3,3'-Dichlorobenzidine	9.27	---	2.00	ug/L	2	8.00	---	116	27 - 129%	5	30%	
1,2-Dinitrobenzene	3.14	---	1.00	ug/L	2	4.00	---	78	59 - 120%	0.4	30%	
1,3-Dinitrobenzene	3.19	---	1.00	ug/L	2	4.00	---	80	49 - 128%	1	30%	
1,4-Dinitrobenzene	3.11	---	1.00	ug/L	2	4.00	---	78	72 - 130%	2	30%	
Pyridine	1.20	---	0.400	ug/L	2	4.00	---	30	10 - 120%	5	30%	
1,2-Dichlorobenzene	2.14	---	0.100	ug/L	2	4.00	---	54	32 - 120%	**46**	**30%**	Q-24
1,3-Dichlorobenzene	2.01	---	0.100	ug/L	2	4.00	---	50	28 - 120%	**50**	**30%**	Q-24
1,4-Dichlorobenzene	2.04	---	0.100	ug/L	2	4.00	---	51	29 - 120%	**48**	**30%**	Q-24
Surr: Nitrobenzene-d5 (Surr)		*Recovery:*	*82 %*	*Limits:*	*44-120 %*		*Dilution:*	*2x*				
2-Fluorobiphenyl (Surr)			*72 %*		*44-120 %*			*"*				
Phenol-d6 (Surr)			*29 %*		*10-133 %*			*"*				
p-Terphenyl-d14 (Surr)			*89 %*		*50-134 %*			*"*				
2-Fluorophenol (Surr)			*41 %*		*19-120 %*			*"*				
2,4,6-Tribromophenol (Surr)			*93 %*		*43-140 %*			*"*				

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Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1012988-BLK1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 15:50								
EPA 8270E												
Acenaphthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Chrysene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluorene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	Q-30
2-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	Q-30
Naphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	Q-30
Phenanthrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Carbazole	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
2-Chlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloro-3-methylphenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4-Dichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dimethylphenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrophenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
4,6-Dinitro-2-methylphenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
2-Methylphenol	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
3+4-Methylphenol(s)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
4-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Pentachlorophenol (PCP)	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Phenol	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,3,4,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	

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Lisa Domenighini, Client Services Manager

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1012988-BLK1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 15:50								
2,3,5,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4,5-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Nitrobenzene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4,6-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Bis(2-ethylhexyl)phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Butyl benzyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Diethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Dimethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-butylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-octyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
N-Nitrosodimethylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitroso-di-n-propylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitrosodiphenylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethoxy) methane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethyl) ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Hexachlorobenzene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
Hexachlorocyclopentadiene	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Hexachloroethane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
2-Chloronaphthalene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
4-Bromophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
4-Chlorophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Aniline	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloroaniline	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
3-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
4-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,6-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Benzoic acid	ND	---	2.27	ug/L	1	---	---	---	---	---	---	
Benzyl alcohol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Isophorone	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1012988-BLK1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 15:50								
Azobenzene (1,2-DPH)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Ethylhexyl) adipate	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
3,3'-Dichlorobenzidine	ND	---	0.909	ug/L	1	---	---	---	---	---	---	Q-52
1,2-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,3-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,4-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
Pyridine	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
1,3-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
1,4-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	Q-30
Surr: Nitrobenzene-d5 (Surr)		*Recovery: 74 %*		*Limits: 44-120 %*			*Dilution: 1x*					
2-Fluorobiphenyl (Surr)			*55 %*		*44-120 %*		*"*					
Phenol-d6 (Surr)			*28 %*		*10-133 %*		*"*					
p-Terphenyl-d14 (Surr)			*83 %*		*50-134 %*		*"*					
2-Fluorophenol (Surr)			*40 %*		*19-120 %*		*"*					
2,4,6-Tribromophenol (Surr)			*80 %*		*43-140 %*		*"*					
LCS (1012988-BS1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 16:26								
EPA 8270E												
Acenaphthene	2.10	---	0.0400	ug/L	2	4.00	---	53	47 - 122%	---	---	
Acenaphthylene	2.45	---	0.0400	ug/L	2	4.00	---	61	41 - 130%	---	---	
Anthracene	3.11	---	0.0400	ug/L	2	4.00	---	78	57 - 123%	---	---	
Benz(a)anthracene	3.31	---	0.0400	ug/L	2	4.00	---	83	58 - 125%	---	---	
Benzo(a)pyrene	3.31	---	0.0600	ug/L	2	4.00	---	83	54 - 128%	---	---	
Benzo(b)fluoranthene	3.34	---	0.0600	ug/L	2	4.00	---	83	53 - 131%	---	---	
Benzo(k)fluoranthene	3.16	---	0.0600	ug/L	2	4.00	---	79	57 - 129%	---	---	
Benzo(g,h,i)perylene	3.57	---	0.0400	ug/L	2	4.00	---	89	50 - 134%	---	---	
Chrysene	3.19	---	0.0400	ug/L	2	4.00	---	80	59 - 123%	---	---	
Dibenz(a,h)anthracene	3.19	---	0.0400	ug/L	2	4.00	---	80	51 - 134%	---	---	
Fluoranthene	3.37	---	0.0400	ug/L	2	4.00	---	84	57 - 128%	---	---	
Fluorene	2.64	---	0.0400	ug/L	2	4.00	---	66	52 - 124%	---	---	
Indeno(1,2,3-cd)pyrene	3.22	---	0.0400	ug/L	2	4.00	---	80	52 - 134%	---	---	
1-Methylnaphthalene	1.55	---	0.0800	ug/L	2	4.00	---	**39**	**41 - 120%**	---	---	Q-30
2-Methylnaphthalene	1.50	---	0.0800	ug/L	2	4.00	---	**38**	**40 - 121%**	---	---	Q-30

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1012988-BS1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 16:26								
Naphthalene	1.48	---	0.0800	ug/L	2	4.00	---	**37**	**40 - 121%**	---	---	Q-30
Phenanthrene	2.93	---	0.0400	ug/L	2	4.00	---	73	59 - 120%	---	---	
Pyrene	3.32	---	0.0400	ug/L	2	4.00	---	83	57 - 126%	---	---	
Carbazole	3.44	---	0.0600	ug/L	2	4.00	---	86	60 - 122%	---	---	
Dibenzofuran	2.37	---	0.0400	ug/L	2	4.00	---	59	53 - 120%	---	---	
2-Chlorophenol	2.67	---	0.200	ug/L	2	4.00	---	67	38 - 120%	---	---	
4-Chloro-3-methylphenol	3.06	---	0.400	ug/L	2	4.00	---	77	52 - 120%	---	---	
2,4-Dichlorophenol	3.13	---	0.200	ug/L	2	4.00	---	78	47 - 121%	---	---	
2,4-Dimethylphenol	3.22	---	0.200	ug/L	2	4.00	---	81	31 - 124%	---	---	
2,4-Dinitrophenol	2.85	---	1.00	ug/L	2	4.00	---	71	23 - 143%	---	---	
4,6-Dinitro-2-methylphenol	2.85	---	1.00	ug/L	2	4.00	---	71	44 - 137%	---	---	
2-Methylphenol	2.63	---	0.100	ug/L	2	4.00	---	66	30 - 120%	---	---	
3+4-Methylphenol(s)	2.48	---	0.100	ug/L	2	4.00	---	62	29 - 120%	---	---	
2-Nitrophenol	2.92	---	0.400	ug/L	2	4.00	---	73	47 - 123%	---	---	
4-Nitrophenol	1.42	---	0.400	ug/L	2	4.00	---	35	10 - 120%	---	---	
Pentachlorophenol (PCP)	3.46	---	0.400	ug/L	2	4.00	---	87	35 - 138%	---	---	
Phenol	1.23	---	0.800	ug/L	2	4.00	---	31	10 - 120%	---	---	
2,3,4,6-Tetrachlorophenol	3.25	---	0.200	ug/L	2	4.00	---	81	50 - 128%	---	---	
2,3,5,6-Tetrachlorophenol	3.59	---	0.200	ug/L	2	4.00	---	90	50 - 121%	---	---	
2,4,5-Trichlorophenol	3.33	---	0.200	ug/L	2	4.00	---	83	53 - 123%	---	---	
Nitrobenzene	2.76	---	0.400	ug/L	2	4.00	---	69	45 - 121%	---	---	
2,4,6-Trichlorophenol	3.38	---	0.200	ug/L	2	4.00	---	84	50 - 125%	---	---	
Bis(2-ethylhexyl)phthalate	3.35	---	0.800	ug/L	2	4.00	---	84	55 - 135%	---	---	
Butyl benzyl phthalate	3.71	---	0.800	ug/L	2	4.00	---	93	53 - 134%	---	---	
Diethylphthalate	3.25	---	0.800	ug/L	2	4.00	---	81	56 - 125%	---	---	
Dimethylphthalate	3.26	---	0.800	ug/L	2	4.00	---	81	45 - 127%	---	---	
Di-n-butylphthalate	3.53	---	0.800	ug/L	2	4.00	---	88	59 - 127%	---	---	
Di-n-octyl phthalate	3.72	---	0.800	ug/L	2	4.00	---	93	51 - 140%	---	---	
N-Nitrosodimethylamine	1.71	---	0.100	ug/L	2	4.00	---	43	10 - 120%	---	---	
N-Nitroso-di-n-propylamine	3.20	---	0.100	ug/L	2	4.00	---	80	49 - 120%	---	---	
N-Nitrosodiphenylamine	3.18	---	0.100	ug/L	2	4.00	---	79	51 - 123%	---	---	
Bis(2-Chloroethoxy) methane	2.89	---	0.100	ug/L	2	4.00	---	72	48 - 120%	---	---	
Bis(2-Chloroethyl) ether	2.85	---	0.100	ug/L	2	4.00	---	71	43 - 120%	---	---	
2,2'-Oxybis(1-Chloropropane)	2.36	---	0.100	ug/L	2	4.00	---	59	37 - 130%	---	---	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1012988-BS1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 16:26								
Hexachlorobenzene	2.89	---	0.0400	ug/L	2	4.00	---	72	53 - 125%	---	---	
Hexachlorobutadiene	0.690	---	0.100	ug/L	2	4.00	---	**17**	**22 - 124%**	---	---	Q-30
Hexachlorocyclopentadiene	0.674	---	0.200	ug/L	2	4.00	---	17	10 - 127%	---	---	
Hexachloroethane	0.727	---	0.100	ug/L	2	4.00	---	**18**	**21 - 120%**	---	---	Q-30
2-Chloronaphthalene	1.60	---	0.0400	ug/L	2	4.00	---	40	40 - 120%	---	---	
1,2,4-Trichlorobenzene	1.00	---	0.100	ug/L	2	4.00	---	**25**	**29 - 120%**	---	---	Q-30
4-Bromophenyl phenyl ether	2.78	---	0.100	ug/L	2	4.00	---	70	55 - 124%	---	---	
4-Chlorophenyl phenyl ether	2.35	---	0.100	ug/L	2	4.00	---	59	53 - 121%	---	---	
Aniline	2.23	---	0.200	ug/L	2	4.00	---	56	10 - 120%	---	---	
4-Chloroaniline	2.55	---	0.100	ug/L	2	4.00	---	64	33 - 120%	---	---	
2-Nitroaniline	3.23	---	0.800	ug/L	2	4.00	---	81	55 - 127%	---	---	
3-Nitroaniline	2.89	---	0.800	ug/L	2	4.00	---	72	41 - 128%	---	---	
4-Nitroaniline	2.32	---	0.800	ug/L	2	4.00	---	58	54 - 128%	---	---	
2,4-Dinitrotoluene	3.18	---	0.400	ug/L	2	4.00	---	79	57 - 128%	---	---	
2,6-Dinitrotoluene	2.98	---	0.400	ug/L	2	4.00	---	74	57 - 124%	---	---	
Benzoic acid	3.74	---	2.50	ug/L	2	8.00	---	47	10 - 120%	---	---	
Benzyl alcohol	3.05	---	0.400	ug/L	2	4.00	---	76	31 - 120%	---	---	
Isophorone	3.27	---	0.100	ug/L	2	4.00	---	82	42 - 124%	---	---	
Azobenzene (1,2-DPH)	2.80	---	0.100	ug/L	2	4.00	---	70	61 - 120%	---	---	
Bis(2-Ethylhexyl) adipate	3.47	---	1.00	ug/L	2	4.00	---	87	57 - 136%	---	---	
3,3'-Dichlorobenzidine	7.01	---	2.00	ug/L	2	8.00	---	88	27 - 129%	---	---	
1,2-Dinitrobenzene	3.04	---	1.00	ug/L	2	4.00	---	76	59 - 120%	---	---	
1,3-Dinitrobenzene	3.08	---	1.00	ug/L	2	4.00	---	77	49 - 128%	---	---	
1,4-Dinitrobenzene	3.03	---	1.00	ug/L	2	4.00	---	76	72 - 130%	---	---	
Pyridine	1.32	---	0.400	ug/L	2	4.00	---	33	10 - 120%	---	---	
1,2-Dichlorobenzene	0.973	---	0.100	ug/L	2	4.00	---	**24**	**32 - 120%**	---	---	Q-30
1,3-Dichlorobenzene	0.858	---	0.100	ug/L	2	4.00	---	**21**	**28 - 120%**	---	---	Q-30
1,4-Dichlorobenzene	0.904	---	0.100	ug/L	2	4.00	---	**23**	**29 - 120%**	---	---	Q-30
Surr: Nitrobenzene-d5 (Surr)		*Recovery: 73 %*		*Limits: 44-120 %*			*Dilution: 2x*					
2-Fluorobiphenyl (Surr)		*59 %*		*44-120 %*			*"*					
Phenol-d6 (Surr)		*28 %*		*10-133 %*			*"*					
p-Terphenyl-d14 (Surr)		*83 %*		*50-134 %*			*"*					
2-Fluorophenol (Surr)		*39 %*		*19-120 %*			*"*					
2,4,6-Tribromophenol (Surr)		*87 %*		*43-140 %*			*"*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012988-BSD1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 17:01								**Q-19**
EPA 8270E												
Acenaphthene	2.46	---	0.0400	ug/L	2	4.00	---	61	47 - 122%	16	30%	
Acenaphthylene	2.77	---	0.0400	ug/L	2	4.00	---	69	41 - 130%	12	30%	
Anthracene	3.07	---	0.0400	ug/L	2	4.00	---	77	57 - 123%	1	30%	
Benz(a)anthracene	3.22	---	0.0400	ug/L	2	4.00	---	81	58 - 125%	2	30%	
Benzo(a)pyrene	3.30	---	0.0600	ug/L	2	4.00	---	83	54 - 128%	0.07	30%	
Benzo(b)fluoranthene	3.29	---	0.0600	ug/L	2	4.00	---	82	53 - 131%	1	30%	
Benzo(k)fluoranthene	3.20	---	0.0600	ug/L	2	4.00	---	80	57 - 129%	1	30%	
Benzo(g,h,i)perylene	3.46	---	0.0400	ug/L	2	4.00	---	87	50 - 134%	3	30%	
Chrysene	3.10	---	0.0400	ug/L	2	4.00	---	77	59 - 123%	3	30%	
Dibenz(a,h)anthracene	3.16	---	0.0400	ug/L	2	4.00	---	79	51 - 134%	1	30%	
Fluoranthene	3.26	---	0.0400	ug/L	2	4.00	---	82	57 - 128%	3	30%	
Fluorene	2.84	---	0.0400	ug/L	2	4.00	---	71	52 - 124%	8	30%	
Indeno(1,2,3-cd)pyrene	3.16	---	0.0400	ug/L	2	4.00	---	79	52 - 134%	2	30%	
1-Methylnaphthalene	2.04	---	0.0800	ug/L	2	4.00	---	51	41 - 120%	27	30%	
2-Methylnaphthalene	2.02	---	0.0800	ug/L	2	4.00	---	50	40 - 121%	29	30%	
Naphthalene	1.92	---	0.0800	ug/L	2	4.00	---	48	40 - 121%	26	30%	
Phenanthrene	2.87	---	0.0400	ug/L	2	4.00	---	72	59 - 120%	2	30%	
Pyrene	3.20	---	0.0400	ug/L	2	4.00	---	80	57 - 126%	4	30%	
Carbazole	3.35	---	0.0600	ug/L	2	4.00	---	84	60 - 122%	3	30%	
Dibenzofuran	2.66	---	0.0400	ug/L	2	4.00	---	66	53 - 120%	11	30%	
2-Chlorophenol	2.67	---	0.200	ug/L	2	4.00	---	67	38 - 120%	0.07	30%	
4-Chloro-3-methylphenol	3.07	---	0.400	ug/L	2	4.00	---	77	52 - 120%	0.3	30%	
2,4-Dichlorophenol	3.11	---	0.200	ug/L	2	4.00	---	78	47 - 121%	0.7	30%	
2,4-Dimethylphenol	2.97	---	0.200	ug/L	2	4.00	---	74	31 - 124%	8	30%	
2,4-Dinitrophenol	2.74	---	1.00	ug/L	2	4.00	---	68	23 - 143%	4	30%	
4,6-Dinitro-2-methylphenol	2.76	---	1.00	ug/L	2	4.00	---	69	44 - 137%	3	30%	
2-Methylphenol	2.58	---	0.100	ug/L	2	4.00	---	64	30 - 120%	2	30%	
3+4-Methylphenol(s)	2.41	---	0.100	ug/L	2	4.00	---	60	29 - 120%	3	30%	
2-Nitrophenol	2.93	---	0.400	ug/L	2	4.00	---	73	47 - 123%	0.2	30%	
4-Nitrophenol	1.42	---	0.400	ug/L	2	4.00	---	35	10 - 120%	0.1	30%	
Pentachlorophenol (PCP)	3.29	---	0.400	ug/L	2	4.00	---	82	35 - 138%	5	30%	
Phenol	1.21	---	0.800	ug/L	2	4.00	---	30	10 - 120%	2	30%	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012988-BSD1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 17:01								**Q-19**
2,3,4,6-Tetrachlorophenol	3.23	---	0.200	ug/L	2	4.00	---	81	50 - 128%	0.4	30%	
2,3,5,6-Tetrachlorophenol	3.50	---	0.200	ug/L	2	4.00	---	88	50 - 121%	2	30%	
2,4,5-Trichlorophenol	3.23	---	0.200	ug/L	2	4.00	---	81	53 - 123%	3	30%	
Nitrobenzene	2.77	---	0.400	ug/L	2	4.00	---	69	45 - 121%	0.4	30%	
2,4,6-Trichlorophenol	3.31	---	0.200	ug/L	2	4.00	---	83	50 - 125%	2	30%	
Bis(2-ethylhexyl)phthalate	3.31	---	0.800	ug/L	2	4.00	---	83	55 - 135%	1	30%	
Butyl benzyl phthalate	3.64	---	0.800	ug/L	2	4.00	---	91	53 - 134%	2	30%	
Diethylphthalate	3.26	---	0.800	ug/L	2	4.00	---	81	56 - 125%	0.3	30%	
Dimethylphthalate	3.27	---	0.800	ug/L	2	4.00	---	82	45 - 127%	0.4	30%	
Di-n-butylphthalate	3.48	---	0.800	ug/L	2	4.00	---	87	59 - 127%	1	30%	
Di-n-octyl phthalate	3.72	---	0.800	ug/L	2	4.00	---	93	51 - 140%	0.03	30%	
N-Nitrosodimethylamine	1.66	---	0.100	ug/L	2	4.00	---	41	10 - 120%	3	30%	
N-Nitroso-di-n-propylamine	3.19	---	0.100	ug/L	2	4.00	---	80	49 - 120%	0.4	30%	
N-Nitrosodiphenylamine	3.11	---	0.100	ug/L	2	4.00	---	78	51 - 123%	2	30%	
Bis(2-Chloroethoxy) methane	2.88	---	0.100	ug/L	2	4.00	---	72	48 - 120%	0.08	30%	
Bis(2-Chloroethyl) ether	2.81	---	0.100	ug/L	2	4.00	---	70	43 - 120%	1	30%	
2,2'-Oxybis(1-Chloropropane)	2.51	---	0.100	ug/L	2	4.00	---	63	37 - 130%	6	30%	
Hexachlorobenzene	2.82	---	0.0400	ug/L	2	4.00	---	70	53 - 125%	3	30%	
Hexachlorobutadiene	1.17	---	0.100	ug/L	2	4.00	---	29	22 - 124%	**51**	**30%**	Q-01
Hexachlorocyclopentadiene	1.20	---	0.200	ug/L	2	4.00	---	30	10 - 127%	**56**	**30%**	Q-01
Hexachloroethane	1.17	---	0.100	ug/L	2	4.00	---	29	21 - 120%	**47**	**30%**	Q-01
2-Chloronaphthalene	2.07	---	0.0400	ug/L	2	4.00	---	52	40 - 120%	26	30%	
1,2,4-Trichlorobenzene	1.49	---	0.100	ug/L	2	4.00	---	37	29 - 120%	**39**	**30%**	Q-01
4-Bromophenyl phenyl ether	2.93	---	0.100	ug/L	2	4.00	---	73	55 - 124%	5	30%	
4-Chlorophenyl phenyl ether	2.73	---	0.100	ug/L	2	4.00	---	68	53 - 121%	15	30%	
Aniline	2.19	---	0.200	ug/L	2	4.00	---	55	10 - 120%	2	30%	
4-Chloroaniline	2.54	---	0.100	ug/L	2	4.00	---	64	33 - 120%	0.4	30%	
2-Nitroaniline	3.22	---	0.800	ug/L	2	4.00	---	81	55 - 127%	0.1	30%	
3-Nitroaniline	2.91	---	0.800	ug/L	2	4.00	---	73	41 - 128%	0.5	30%	
4-Nitroaniline	2.27	---	0.800	ug/L	2	4.00	---	57	54 - 128%	2	30%	
2,4-Dinitrotoluene	3.17	---	0.400	ug/L	2	4.00	---	79	57 - 128%	0.2	30%	
2,6-Dinitrotoluene	2.95	---	0.400	ug/L	2	4.00	---	74	57 - 124%	0.9	30%	
Benzoic acid	3.71	---	2.50	ug/L	2	8.00	---	46	10 - 120%	1	30%	
Benzyl alcohol	3.03	---	0.400	ug/L	2	4.00	---	76	31 - 120%	0.7	30%	

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Lisa Domenighini, Client Services Manager

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012988 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1012988-BSD1)		Prepared: 01/18/21 10:43		Analyzed: 01/18/21 17:01								**Q-19**
Isophorone	3.26	---	0.100	ug/L	2	4.00	---	81	42 - 124%	0.5	30%	
Azobenzene (1,2-DPH)	2.84	---	0.100	ug/L	2	4.00	---	71	61 - 120%	2	30%	
Bis(2-Ethylhexyl) adipate	3.37	---	1.00	ug/L	2	4.00	---	84	57 - 136%	3	30%	
3,3'-Dichlorobenzidine	6.80	---	2.00	ug/L	2	8.00	---	85	27 - 129%	3	30%	
1,2-Dinitrobenzene	3.05	---	1.00	ug/L	2	4.00	---	76	59 - 120%	0.2	30%	
1,3-Dinitrobenzene	3.09	---	1.00	ug/L	2	4.00	---	77	49 - 128%	0.2	30%	
1,4-Dinitrobenzene	3.01	---	1.00	ug/L	2	4.00	---	75	72 - 130%	0.7	30%	
Pyridine	1.25	---	0.400	ug/L	2	4.00	---	31	10 - 120%	6	30%	
1,2-Dichlorobenzene	1.40	---	0.100	ug/L	2	4.00	---	35	32 - 120%	**36**	**30%**	Q-01
1,3-Dichlorobenzene	1.26	---	0.100	ug/L	2	4.00	---	31	28 - 120%	**38**	**30%**	Q-01
1,4-Dichlorobenzene	1.32	---	0.100	ug/L	2	4.00	---	33	29 - 120%	**37**	**30%**	Q-01
Surr: Nitrobenzene-d5 (Surr)		*Recovery:*	*74 %*	*Limits:*	*44-120 %*		*Dilution:*	*2x*				
2-Fluorobiphenyl (Surr)			*62 %*		*44-120 %*			*"*				
Phenol-d6 (Surr)			*27 %*		*10-133 %*			*"*				
p-Terphenyl-d14 (Surr)			*82 %*		*50-134 %*			*"*				
2-Fluorophenol (Surr)			*38 %*		*19-120 %*			*"*				
2,4,6-Tribromophenol (Surr)			*85 %*		*43-140 %*			*"*				

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1013031-BLK1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 20:53								
EPA 8270E												
Acenaphthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Chrysene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluorene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Carbazole	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
2-Chlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloro-3-methylphenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4-Dichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dimethylphenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrophenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
4,6-Dinitro-2-methylphenol	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
2-Methylphenol	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
3+4-Methylphenol(s)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
4-Nitrophenol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Pentachlorophenol (PCP)	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Phenol	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,3,4,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1013031-BLK1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 20:53								
2,3,5,6-Tetrachlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
2,4,5-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Nitrobenzene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,4,6-Trichlorophenol	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Bis(2-ethylhexyl)phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Butyl benzyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Diethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Dimethylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-butylphthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
Di-n-octyl phthalate	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
N-Nitrosodimethylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitroso-di-n-propylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
N-Nitrosodiphenylamine	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethoxy) methane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Chloroethyl) ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2,2'-Oxybis(1-Chloropropane)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Hexachlorobenzene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Hexachlorocyclopentadiene	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
Hexachloroethane	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Chloronaphthalene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
4-Bromophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
4-Chlorophenyl phenyl ether	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Aniline	ND	---	0.0909	ug/L	1	---	---	---	---	---	---	
4-Chloroaniline	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
2-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
3-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
4-Nitroaniline	ND	---	0.364	ug/L	1	---	---	---	---	---	---	
2,4-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
2,6-Dinitrotoluene	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Benzoic acid	ND	---	2.27	ug/L	1	---	---	---	---	---	---	
Benzyl alcohol	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
Isophorone	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
Blank (1013031-BLK1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 20:53								
Azobenzene (1,2-DPH)	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Bis(2-Ethylhexyl) adipate	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
3,3'-Dichlorobenzidine	ND	---	0.909	ug/L	1	---	---	---	---	---	---	
1,2-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,3-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
1,4-Dinitrobenzene	ND	---	0.455	ug/L	1	---	---	---	---	---	---	
Pyridine	ND	---	0.182	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0455	ug/L	1	---	---	---	---	---	---	
Surr: Nitrobenzene-d5 (Surr)		*Recovery: 77 %*		*Limits: 44-120 %*			*Dilution: 1x*					
2-Fluorobiphenyl (Surr)			*63 %*		*44-120 %*		*"*					
Phenol-d6 (Surr)			*25 %*		*10-133 %*		*"*					
p-Terphenyl-d14 (Surr)			*84 %*		*50-134 %*		*"*					
2-Fluorophenol (Surr)			*39 %*		*19-120 %*		*"*					
2,4,6-Tribromophenol (Surr)			*83 %*		*43-140 %*		*"*					
LCS (1013031-BS1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 21:27								
EPA 8270E												
Acenaphthene	2.66	---	0.0400	ug/L	2	4.00	---	66	47 - 122%	---	---	
Acenaphthylene	2.97	---	0.0400	ug/L	2	4.00	---	74	41 - 130%	---	---	
Anthracene	3.30	---	0.0400	ug/L	2	4.00	---	82	57 - 123%	---	---	
Benz(a)anthracene	3.42	---	0.0400	ug/L	2	4.00	---	85	58 - 125%	---	---	
Benzo(a)pyrene	3.45	---	0.0600	ug/L	2	4.00	---	86	54 - 128%	---	---	
Benzo(b)fluoranthene	3.51	---	0.0600	ug/L	2	4.00	---	88	53 - 131%	---	---	
Benzo(k)fluoranthene	3.30	---	0.0600	ug/L	2	4.00	---	83	57 - 129%	---	---	
Benzo(g,h,i)perylene	3.61	---	0.0400	ug/L	2	4.00	---	90	50 - 134%	---	---	
Chrysene	3.37	---	0.0400	ug/L	2	4.00	---	84	59 - 123%	---	---	
Dibenz(a,h)anthracene	3.35	---	0.0400	ug/L	2	4.00	---	84	51 - 134%	---	---	
Fluoranthene	3.55	---	0.0400	ug/L	2	4.00	---	89	57 - 128%	---	---	
Fluorene	3.01	---	0.0400	ug/L	2	4.00	---	75	52 - 124%	---	---	
Indeno(1,2,3-cd)pyrene	3.37	---	0.0400	ug/L	2	4.00	---	84	52 - 134%	---	---	
1-Methylnaphthalene	2.16	---	0.0800	ug/L	2	4.00	---	54	41 - 120%	---	---	
2-Methylnaphthalene	2.12	---	0.0800	ug/L	2	4.00	---	53	40 - 121%	---	---	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1013031-BS1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 21:27								
Naphthalene	2.01	---	0.0800	ug/L	2	4.00	---	50	40 - 121%	---	---	
Phenanthrene	3.14	---	0.0400	ug/L	2	4.00	---	78	59 - 120%	---	---	
Pyrene	3.43	---	0.0400	ug/L	2	4.00	---	86	57 - 126%	---	---	
Carbazole	3.61	---	0.0600	ug/L	2	4.00	---	90	60 - 122%	---	---	
Dibenzofuran	2.80	---	0.0400	ug/L	2	4.00	---	70	53 - 120%	---	---	
2-Chlorophenol	2.91	---	0.200	ug/L	2	4.00	---	73	38 - 120%	---	---	
4-Chloro-3-methylphenol	3.21	---	0.400	ug/L	2	4.00	---	80	52 - 120%	---	---	
2,4-Dichlorophenol	3.29	---	0.200	ug/L	2	4.00	---	82	47 - 121%	---	---	
2,4-Dimethylphenol	3.40	---	0.200	ug/L	2	4.00	---	85	31 - 124%	---	---	
2,4-Dinitrophenol	3.29	---	1.00	ug/L	2	4.00	---	82	23 - 143%	---	---	Q-31
4,6-Dinitro-2-methylphenol	3.11	---	1.00	ug/L	2	4.00	---	78	44 - 137%	---	---	
2-Methylphenol	2.76	---	0.100	ug/L	2	4.00	---	69	30 - 120%	---	---	
3+4-Methylphenol(s)	2.56	---	0.100	ug/L	2	4.00	---	64	29 - 120%	---	---	
2-Nitrophenol	3.10	---	0.400	ug/L	2	4.00	---	78	47 - 123%	---	---	
4-Nitrophenol	1.42	---	0.400	ug/L	2	4.00	---	36	10 - 120%	---	---	
Pentachlorophenol (PCP)	3.54	---	0.400	ug/L	2	4.00	---	88	35 - 138%	---	---	
Phenol	1.27	---	0.800	ug/L	2	4.00	---	32	10 - 120%	---	---	
2,3,4,6-Tetrachlorophenol	3.39	---	0.200	ug/L	2	4.00	---	85	50 - 128%	---	---	
2,3,5,6-Tetrachlorophenol	3.67	---	0.200	ug/L	2	4.00	---	92	50 - 121%	---	---	
2,4,5-Trichlorophenol	3.46	---	0.200	ug/L	2	4.00	---	86	53 - 123%	---	---	
Nitrobenzene	3.02	---	0.400	ug/L	2	4.00	---	75	45 - 121%	---	---	
2,4,6-Trichlorophenol	3.52	---	0.200	ug/L	2	4.00	---	88	50 - 125%	---	---	
Bis(2-ethylhexyl)phthalate	3.57	---	0.800	ug/L	2	4.00	---	89	55 - 135%	---	---	
Butyl benzyl phthalate	3.85	---	0.800	ug/L	2	4.00	---	96	53 - 134%	---	---	
Diethylphthalate	3.38	---	0.800	ug/L	2	4.00	---	84	56 - 125%	---	---	
Dimethylphthalate	3.44	---	0.800	ug/L	2	4.00	---	86	45 - 127%	---	---	
Di-n-butylphthalate	3.77	---	0.800	ug/L	2	4.00	---	94	59 - 127%	---	---	
Di-n-octyl phthalate	3.97	---	0.800	ug/L	2	4.00	---	99	51 - 140%	---	---	
N-Nitrosodimethylamine	1.79	---	0.100	ug/L	2	4.00	---	45	10 - 120%	---	---	
N-Nitroso-di-n-propylamine	3.33	---	0.100	ug/L	2	4.00	---	83	49 - 120%	---	---	
N-Nitrosodiphenylamine	3.34	---	0.100	ug/L	2	4.00	---	84	51 - 123%	---	---	
Bis(2-Chloroethoxy) methane	3.00	---	0.100	ug/L	2	4.00	---	75	48 - 120%	---	---	
Bis(2-Chloroethyl) ether	2.93	---	0.100	ug/L	2	4.00	---	73	43 - 120%	---	---	
2,2'-Oxybis(1-Chloropropane)	2.71	---	0.100	ug/L	2	4.00	---	68	37 - 130%	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS (1013031-BS1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 21:27								
Hexachlorobenzene	3.15	---	0.0400	ug/L	2	4.00	---	79	53 - 125%	---	---	
Hexachlorobutadiene	1.23	---	0.100	ug/L	2	4.00	---	31	22 - 124%	---	---	
Hexachlorocyclopentadiene	0.978	---	0.200	ug/L	2	4.00	---	24	10 - 127%	---	---	
Hexachloroethane	1.20	---	0.100	ug/L	2	4.00	---	30	21 - 120%	---	---	
2-Chloronaphthalene	2.23	---	0.0400	ug/L	2	4.00	---	56	40 - 120%	---	---	
1,2,4-Trichlorobenzene	1.54	---	0.100	ug/L	2	4.00	---	39	29 - 120%	---	---	
4-Bromophenyl phenyl ether	3.21	---	0.100	ug/L	2	4.00	---	80	55 - 124%	---	---	
4-Chlorophenyl phenyl ether	2.88	---	0.100	ug/L	2	4.00	---	72	53 - 121%	---	---	
Aniline	2.25	---	0.200	ug/L	2	4.00	---	56	10 - 120%	---	---	
4-Chloroaniline	2.66	---	0.100	ug/L	2	4.00	---	66	33 - 120%	---	---	
2-Nitroaniline	3.43	---	0.800	ug/L	2	4.00	---	86	55 - 127%	---	---	
3-Nitroaniline	2.96	---	0.800	ug/L	2	4.00	---	74	41 - 128%	---	---	
4-Nitroaniline	2.26	---	0.800	ug/L	2	4.00	---	57	54 - 128%	---	---	
2,4-Dinitrotoluene	3.25	---	0.400	ug/L	2	4.00	---	81	57 - 128%	---	---	
2,6-Dinitrotoluene	3.14	---	0.400	ug/L	2	4.00	---	78	57 - 124%	---	---	
Benzoic acid	3.90	---	2.50	ug/L	2	8.00	---	49	10 - 120%	---	---	Q-31
Benzyl alcohol	3.10	---	0.400	ug/L	2	4.00	---	78	31 - 120%	---	---	
Isophorone	3.41	---	0.100	ug/L	2	4.00	---	85	42 - 124%	---	---	
Azobenzene (1,2-DPH)	3.08	---	0.100	ug/L	2	4.00	---	77	61 - 120%	---	---	
Bis(2-Ethylhexyl) adipate	3.70	---	1.00	ug/L	2	4.00	---	93	57 - 136%	---	---	
3,3'-Dichlorobenzidine	7.05	---	2.00	ug/L	2	8.00	---	88	27 - 129%	---	---	
1,2-Dinitrobenzene	3.13	---	1.00	ug/L	2	4.00	---	78	59 - 120%	---	---	
1,3-Dinitrobenzene	3.24	---	1.00	ug/L	2	4.00	---	81	49 - 128%	---	---	
1,4-Dinitrobenzene	3.15	---	1.00	ug/L	2	4.00	---	79	72 - 130%	---	---	
Pyridine	1.27	---	0.400	ug/L	2	4.00	---	32	10 - 120%	---	---	
1,2-Dichlorobenzene	1.49	---	0.100	ug/L	2	4.00	---	37	32 - 120%	---	---	
1,3-Dichlorobenzene	1.34	---	0.100	ug/L	2	4.00	---	34	28 - 120%	---	---	
1,4-Dichlorobenzene	1.40	---	0.100	ug/L	2	4.00	---	35	29 - 120%	---	---	
Surr: Nitrobenzene-d5 (Surr)		*Recovery: 85 %*		*Limits: 44-120 %*			*Dilution: 2x*					
2-Fluorobiphenyl (Surr)		*70 %*		*44-120 %*			*"*					
Phenol-d6 (Surr)		*31 %*		*10-133 %*			*"*					
p-Terphenyl-d14 (Surr)		*89 %*		*50-134 %*			*"*					
2-Fluorophenol (Surr)		*45 %*		*19-120 %*			*"*					
2,4,6-Tribromophenol (Surr)		*98 %*		*43-140 %*			*"*					

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1013031-BSD1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 22:02								**Q-19**
EPA 8270E												
Acenaphthene	2.99	---	0.0400	ug/L	2	4.00	---	75	47 - 122%	12	30%	
Acenaphthylene	3.25	---	0.0400	ug/L	2	4.00	---	81	41 - 130%	9	30%	
Anthracene	3.33	---	0.0400	ug/L	2	4.00	---	83	57 - 123%	0.9	30%	
Benz(a)anthracene	3.37	---	0.0400	ug/L	2	4.00	---	84	58 - 125%	1	30%	
Benzo(a)pyrene	3.52	---	0.0600	ug/L	2	4.00	---	88	54 - 128%	2	30%	
Benzo(b)fluoranthene	3.48	---	0.0600	ug/L	2	4.00	---	87	53 - 131%	0.9	30%	
Benzo(k)fluoranthene	3.29	---	0.0600	ug/L	2	4.00	---	82	57 - 129%	0.4	30%	
Benzo(g,h,i)perylene	3.54	---	0.0400	ug/L	2	4.00	---	88	50 - 134%	2	30%	
Chrysene	3.36	---	0.0400	ug/L	2	4.00	---	84	59 - 123%	0.3	30%	
Dibenz(a,h)anthracene	3.33	---	0.0400	ug/L	2	4.00	---	83	51 - 134%	0.4	30%	
Fluoranthene	3.55	---	0.0400	ug/L	2	4.00	---	89	57 - 128%	0.1	30%	
Fluorene	3.22	---	0.0400	ug/L	2	4.00	---	80	52 - 124%	7	30%	
Indeno(1,2,3-cd)pyrene	3.29	---	0.0400	ug/L	2	4.00	---	82	52 - 134%	2	30%	
1-Methylnaphthalene	2.71	---	0.0800	ug/L	2	4.00	---	68	41 - 120%	23	30%	
2-Methylnaphthalene	2.76	---	0.0800	ug/L	2	4.00	---	69	40 - 121%	26	30%	
Naphthalene	2.52	---	0.0800	ug/L	2	4.00	---	63	40 - 121%	23	30%	
Phenanthrene	3.19	---	0.0400	ug/L	2	4.00	---	80	59 - 120%	2	30%	
Pyrene	3.44	---	0.0400	ug/L	2	4.00	---	86	57 - 126%	0.4	30%	
Carbazole	3.66	---	0.0600	ug/L	2	4.00	---	92	60 - 122%	2	30%	
Dibenzofuran	3.04	---	0.0400	ug/L	2	4.00	---	76	53 - 120%	8	30%	
2-Chlorophenol	2.82	---	0.200	ug/L	2	4.00	---	71	38 - 120%	3	30%	
4-Chloro-3-methylphenol	3.20	---	0.400	ug/L	2	4.00	---	80	52 - 120%	0.4	30%	
2,4-Dichlorophenol	3.27	---	0.200	ug/L	2	4.00	---	82	47 - 121%	0.8	30%	
2,4-Dimethylphenol	3.28	---	0.200	ug/L	2	4.00	---	82	31 - 124%	4	30%	
2,4-Dinitrophenol	3.35	---	1.00	ug/L	2	4.00	---	84	23 - 143%	2	30%	Q-31
4,6-Dinitro-2-methylphenol	3.11	---	1.00	ug/L	2	4.00	---	78	44 - 137%	0.1	30%	
2-Methylphenol	2.64	---	0.100	ug/L	2	4.00	---	66	30 - 120%	4	30%	
3+4-Methylphenol(s)	2.40	---	0.100	ug/L	2	4.00	---	60	29 - 120%	6	30%	
2-Nitrophenol	3.17	---	0.400	ug/L	2	4.00	---	79	47 - 123%	2	30%	
4-Nitrophenol	1.38	---	0.400	ug/L	2	4.00	---	35	10 - 120%	3	30%	
Pentachlorophenol (PCP)	3.59	---	0.400	ug/L	2	4.00	---	90	35 - 138%	2	30%	
Phenol	1.17	---	0.800	ug/L	2	4.00	---	29	10 - 120%	8	30%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1013031-BSD1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 22:02								**Q-19**
2,3,4,6-Tetrachlorophenol	3.39	---	0.200	ug/L	2	4.00	---	85	50 - 128%	0.07	30%	
2,3,5,6-Tetrachlorophenol	3.68	---	0.200	ug/L	2	4.00	---	92	50 - 121%	0.3	30%	
2,4,5-Trichlorophenol	3.42	---	0.200	ug/L	2	4.00	---	85	53 - 123%	1	30%	
Nitrobenzene	3.04	---	0.400	ug/L	2	4.00	---	76	45 - 121%	0.8	30%	
2,4,6-Trichlorophenol	3.53	---	0.200	ug/L	2	4.00	---	88	50 - 125%	0.2	30%	
Bis(2-ethylhexyl)phthalate	3.50	---	0.800	ug/L	2	4.00	---	87	55 - 135%	2	30%	
Butyl benzyl phthalate	3.89	---	0.800	ug/L	2	4.00	---	97	53 - 134%	1	30%	
Diethylphthalate	3.42	---	0.800	ug/L	2	4.00	---	85	56 - 125%	1	30%	
Dimethylphthalate	3.44	---	0.800	ug/L	2	4.00	---	86	45 - 127%	0.1	30%	
Di-n-butylphthalate	3.80	---	0.800	ug/L	2	4.00	---	95	59 - 127%	0.7	30%	
Di-n-octyl phthalate	3.90	---	0.800	ug/L	2	4.00	---	98	51 - 140%	2	30%	
N-Nitrosodimethylamine	1.68	---	0.100	ug/L	2	4.00	---	42	10 - 120%	7	30%	
N-Nitroso-di-n-propylamine	3.29	---	0.100	ug/L	2	4.00	---	82	49 - 120%	1	30%	
N-Nitrosodiphenylamine	3.43	---	0.100	ug/L	2	4.00	---	86	51 - 123%	3	30%	
Bis(2-Chloroethoxy) methane	3.00	---	0.100	ug/L	2	4.00	---	75	48 - 120%	0.02	30%	
Bis(2-Chloroethyl) ether	2.87	---	0.100	ug/L	2	4.00	---	72	43 - 120%	2	30%	
2,2'-Oxybis(1-Chloropropane)	2.81	---	0.100	ug/L	2	4.00	---	70	37 - 130%	4	30%	
Hexachlorobenzene	3.24	---	0.0400	ug/L	2	4.00	---	81	53 - 125%	3	30%	
Hexachlorobutadiene	2.16	---	0.100	ug/L	2	4.00	---	54	22 - 124%	**55**	**30%**	Q-24
Hexachlorocyclopentadiene	1.90	---	0.200	ug/L	2	4.00	---	47	10 - 127%	**64**	**30%**	Q-24
Hexachloroethane	2.07	---	0.100	ug/L	2	4.00	---	52	21 - 120%	**54**	**30%**	Q-24
2-Chloronaphthalene	2.74	---	0.0400	ug/L	2	4.00	---	69	40 - 120%	21	30%	
1,2,4-Trichlorobenzene	2.31	---	0.100	ug/L	2	4.00	---	58	29 - 120%	**40**	**30%**	Q-24
4-Bromophenyl phenyl ether	3.35	---	0.100	ug/L	2	4.00	---	84	55 - 124%	4	30%	
4-Chlorophenyl phenyl ether	3.10	---	0.100	ug/L	2	4.00	---	77	53 - 121%	7	30%	
Aniline	1.91	---	0.200	ug/L	2	4.00	---	48	10 - 120%	17	30%	
4-Chloroaniline	2.78	---	0.100	ug/L	2	4.00	---	69	33 - 120%	4	30%	
2-Nitroaniline	3.40	---	0.800	ug/L	2	4.00	---	85	55 - 127%	0.8	30%	
3-Nitroaniline	3.01	---	0.800	ug/L	2	4.00	---	75	41 - 128%	2	30%	
4-Nitroaniline	2.42	---	0.800	ug/L	2	4.00	---	60	54 - 128%	7	30%	
2,4-Dinitrotoluene	3.31	---	0.400	ug/L	2	4.00	---	83	57 - 128%	2	30%	
2,6-Dinitrotoluene	3.17	---	0.400	ug/L	2	4.00	---	79	57 - 124%	1	30%	
Benzoic acid	3.80	---	2.50	ug/L	2	8.00	---	48	10 - 120%	3	30%	Q-31
Benzyl alcohol	3.00	---	0.400	ug/L	2	4.00	---	75	31 - 120%	4	30%	

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Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013031 - EPA 3510C (Acid/Base Neutral)							**Water**					
LCS Dup (1013031-BSD1)		Prepared: 01/19/21 11:11		Analyzed: 01/19/21 22:02								**Q-19**
Isophorone	3.39	---	0.100	ug/L	2	4.00	---	85	42 - 124%	0.4	30%	
Azobenzene (1,2-DPH)	3.17	---	0.100	ug/L	2	4.00	---	79	61 - 120%	3	30%	
Bis(2-Ethylhexyl) adipate	3.59	---	1.00	ug/L	2	4.00	---	90	57 - 136%	3	30%	
3,3'-Dichlorobenzidine	6.78	---	2.00	ug/L	2	8.00	---	85	27 - 129%	4	30%	
1,2-Dinitrobenzene	3.23	---	1.00	ug/L	2	4.00	---	81	59 - 120%	3	30%	
1,3-Dinitrobenzene	3.26	---	1.00	ug/L	2	4.00	---	81	49 - 128%	0.7	30%	
1,4-Dinitrobenzene	3.24	---	1.00	ug/L	2	4.00	---	81	72 - 130%	3	30%	
Pyridine	1.09	---	0.400	ug/L	2	4.00	---	27	10 - 120%	15	30%	
1,2-Dichlorobenzene	2.18	---	0.100	ug/L	2	4.00	---	55	32 - 120%	**38**	**30%**	Q-24
1,3-Dichlorobenzene	2.08	---	0.100	ug/L	2	4.00	---	52	28 - 120%	**43**	**30%**	Q-24
1,4-Dichlorobenzene	2.12	---	0.100	ug/L	2	4.00	---	53	29 - 120%	**41**	**30%**	Q-24
Surr: Nitrobenzene-d5 (Surr)		*Recovery:*	*80 %*	*Limits:*	*44-120 %*		*Dilution:*	*2x*				
2-Fluorobiphenyl (Surr)			*71 %*		*44-120 %*			*"*				
Phenol-d6 (Surr)			*27 %*		*10-133 %*			*"*				
p-Terphenyl-d14 (Surr)			*83 %*		*50-134 %*			*"*				
2-Fluorophenol (Surr)			*41 %*		*19-120 %*			*"*				
2,4,6-Tribromophenol (Surr)			*92 %*		*43-140 %*			*"*				

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503-718-2323
ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013175 - EPA 3015A							**Water**					
Blank (1013175-BLK1)		Prepared: 01/22/21 08:55		Analyzed: 01/22/21 18:18								
EPA 6020B												
Antimony	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Arsenic	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Barium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Beryllium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Cadmium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Chromium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Cobalt	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Copper	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Nickel	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Selenium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Silver	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Thallium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Vanadium	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Zinc	ND	---	4.00	ug/L	1	---	---	---	---	---	---	
LCS (1013175-BS1)		Prepared: 01/22/21 08:55		Analyzed: 01/22/21 18:24								
EPA 6020B												
Antimony	26.8	---	1.00	ug/L	1	27.8	---	97	80 - 120%	---	---	
Arsenic	58.9	---	1.00	ug/L	1	55.6	---	106	80 - 120%	---	---	
Barium	53.9	---	1.00	ug/L	1	55.6	---	97	80 - 120%	---	---	
Beryllium	26.4	---	0.200	ug/L	1	27.8	---	95	80 - 120%	---	---	
Cadmium	56.9	---	0.200	ug/L	1	55.6	---	102	80 - 120%	---	---	
Chromium	52.3	---	1.00	ug/L	1	55.6	---	94	80 - 120%	---	---	
Cobalt	57.5	---	1.00	ug/L	1	55.6	---	103	80 - 120%	---	---	
Copper	55.9	---	2.00	ug/L	1	55.6	---	101	80 - 120%	---	---	
Lead	59.7	---	0.200	ug/L	1	55.6	---	107	80 - 120%	---	---	
Nickel	55.4	---	2.00	ug/L	1	55.6	---	100	80 - 120%	---	---	
Selenium	25.2	---	1.00	ug/L	1	27.8	---	91	80 - 120%	---	---	
Silver	27.7	---	0.200	ug/L	1	27.8	---	100	80 - 120%	---	---	
Thallium	28.4	---	0.200	ug/L	1	27.8	---	102	80 - 120%	---	---	
Vanadium	56.7	---	2.00	ug/L	1	55.6	---	102	80 - 120%	---	---	
Zinc	55.0	---	4.00	ug/L	1	55.6	---	99	80 - 120%	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013175 - EPA 3015A							**Water**					
Duplicate (1013175-DUP1)		Prepared: 01/22/21 08:55		Analyzed: 01/22/21 18:50								
QC Source Sample: GW01-0121 (A1A0458-04)												
EPA 6020B												
Antimony	**1.46**	---	1.00	ug/L	1	---	1.49	---	---	1	20%	
Arsenic	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Barium	**55.3**	---	1.00	ug/L	1	---	55.1	---	---	0.4	20%	
Beryllium	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Cadmium	**0.286**	---	0.200	ug/L	1	---	0.285	---	---	0.4	20%	
Chromium	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Cobalt	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Copper	**2.18**	---	2.00	ug/L	1	---	2.07	---	---	5	20%	
Lead	**0.595**	---	0.200	ug/L	1	---	0.564	---	---	6	20%	
Nickel	**2.16**	---	2.00	ug/L	1	---	2.39	---	---	10	20%	
Selenium	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Silver	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Thallium	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Vanadium	**2.36**	---	2.00	ug/L	1	---	2.35	---	---	0.3	20%	
Zinc	**570**	---	4.00	ug/L	1	---	580	---	---	2	20%	
Matrix Spike (1013175-MS1)		Prepared: 01/22/21 08:55		Analyzed: 01/22/21 18:55								
QC Source Sample: GW01-0121 (A1A0458-04)												
EPA 6020B												
Antimony	28.8	---	1.00	ug/L	1	27.8	1.49	98	75 - 125%	---	---	
Arsenic	57.0	---	1.00	ug/L	1	55.6	ND	103	75 - 125%	---	---	
Barium	104	---	1.00	ug/L	1	55.6	55.1	88	75 - 125%	---	---	
Beryllium	26.2	---	0.200	ug/L	1	27.8	ND	94	75 - 125%	---	---	
Cadmium	55.2	---	0.200	ug/L	1	55.6	0.285	99	75 - 125%	---	---	
Chromium	51.2	---	1.00	ug/L	1	55.6	ND	92	75 - 125%	---	---	
Cobalt	54.8	---	1.00	ug/L	1	55.6	ND	99	75 - 125%	---	---	
Copper	54.7	---	2.00	ug/L	1	55.6	2.07	95	75 - 125%	---	---	
Lead	55.3	---	0.200	ug/L	1	55.6	0.564	99	75 - 125%	---	---	
Nickel	54.6	---	2.00	ug/L	1	55.6	2.39	94	75 - 125%	---	---	
Selenium	27.0	---	1.00	ug/L	1	27.8	ND	97	75 - 125%	---	---	
Silver	27.3	---	0.200	ug/L	1	27.8	ND	98	75 - 125%	---	---	

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ORELAP ID: **OR100062**

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013175 - EPA 3015A							**Water**					
Matrix Spike (1013175-MS1)		Prepared: 01/22/21 08:55		Analyzed: 01/22/21 18:55								
QC Source Sample: GW01-0121 (A1A0458-04)												
Thallium	28.3	---	0.200	ug/L	1	27.8	ND	102	75 - 125%	---	---	
Vanadium	58.3	---	2.00	ug/L	1	55.6	2.35	101	75 - 125%	---	---	
Zinc	625	---	4.00	ug/L	1	55.6	580	81	75 - 125%	---	---	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013184 - Matrix Matched Direct Inject								Water				
Blank (1013184-BLK1)		Prepared: 01/22/21 10:06		Analyzed: 01/22/21 16:49								
EPA 6020B (Diss)												
Antimony	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Arsenic	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Barium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Beryllium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	FILT3
Cadmium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	FILT3
Chromium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Cobalt	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Copper	ND	---	2.00	ug/L	1	---	---	---	---	---	---	FILT3
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	FILT3
Nickel	ND	---	2.00	ug/L	1	---	---	---	---	---	---	FILT3
Selenium	ND	---	1.00	ug/L	1	---	---	---	---	---	---	FILT3
Silver	ND	---	0.200	ug/L	1	---	---	---	---	---	---	FILT3
Thallium	ND	---	0.200	ug/L	1	---	---	---	---	---	---	FILT3
Vanadium	ND	---	2.00	ug/L	1	---	---	---	---	---	---	FILT3
Zinc	ND	---	4.00	ug/L	1	---	---	---	---	---	---	FILT3
LCS (1013184-BS1)		Prepared: 01/22/21 10:06		Analyzed: 01/22/21 16:54								
EPA 6020B (Diss)												
Antimony	26.2	---	1.00	ug/L	1	27.8	---	94	80 - 120%	---	---	
Arsenic	54.7	---	1.00	ug/L	1	55.6	---	98	80 - 120%	---	---	
Barium	51.3	---	1.00	ug/L	1	55.6	---	92	80 - 120%	---	---	
Beryllium	25.6	---	0.200	ug/L	1	27.8	---	92	80 - 120%	---	---	
Cadmium	55.4	---	0.200	ug/L	1	55.6	---	100	80 - 120%	---	---	
Chromium	49.9	---	1.00	ug/L	1	55.6	---	90	80 - 120%	---	---	
Cobalt	55.4	---	1.00	ug/L	1	55.6	---	100	80 - 120%	---	---	
Copper	53.9	---	2.00	ug/L	1	55.6	---	97	80 - 120%	---	---	
Lead	57.0	---	0.200	ug/L	1	55.6	---	103	80 - 120%	---	---	
Nickel	54.3	---	2.00	ug/L	1	55.6	---	98	80 - 120%	---	---	
Selenium	24.6	---	1.00	ug/L	1	27.8	---	88	80 - 120%	---	---	
Silver	26.9	---	0.200	ug/L	1	27.8	---	97	80 - 120%	---	---	
Thallium	27.5	---	0.200	ug/L	1	27.8	---	99	80 - 120%	---	---	
Vanadium	54.7	---	2.00	ug/L	1	55.6	---	99	80 - 120%	---	---	
Zinc	52.7	---	4.00	ug/L	1	55.6	---	95	80 - 120%	---	---	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013184 - Matrix Matched Direct Inject							**Water**					
Duplicate (1013184-DUP1)	Prepared: 01/22/21 10:06 Analyzed: 01/22/21 17:31											
QC Source Sample: GW01-0121 (A1A0458-04)												
EPA 6020B (Diss)												
Antimony	**1.53**	---	1.00	ug/L	1	---	1.47	---	---	4	20%	
Arsenic	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Barium	**54.6**	---	1.00	ug/L	1	---	51.7	---	---	6	20%	
Beryllium	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Cadmium	**0.302**	---	0.200	ug/L	1	---	0.283	---	---	7	20%	
Chromium	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Cobalt	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Copper	ND	---	2.00	ug/L	1	---	1.58	---	---	***	20%	
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Nickel	**2.13**	---	2.00	ug/L	1	---	1.81	---	---	16	20%	
Selenium	ND	---	1.00	ug/L	1	---	ND	---	---	---	20%	
Silver	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Thallium	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Vanadium	ND	---	2.00	ug/L	1	---	1.51	---	---	***	20%	
Zinc	**575**	---	4.00	ug/L	1	---	547	---	---	5	20%	
Matrix Spike (1013184-MS1)	Prepared: 01/22/21 10:06 Analyzed: 01/22/21 17:36											
QC Source Sample: GW01-0121 (A1A0458-04)												
EPA 6020B (Diss)												
Antimony	28.0	---	1.00	ug/L	1	27.8	1.47	96	75 - 125%	---	---	
Arsenic	55.5	---	1.00	ug/L	1	55.6	ND	100	75 - 125%	---	---	
Barium	101	---	1.00	ug/L	1	55.6	51.7	89	75 - 125%	---	---	
Beryllium	25.6	---	0.200	ug/L	1	27.8	ND	92	75 - 125%	---	---	
Cadmium	55.5	---	0.200	ug/L	1	55.6	0.283	99	75 - 125%	---	---	
Chromium	49.8	---	1.00	ug/L	1	55.6	ND	90	75 - 125%	---	---	
Cobalt	53.2	---	1.00	ug/L	1	55.6	ND	96	75 - 125%	---	---	
Copper	52.0	---	2.00	ug/L	1	55.6	1.58	91	75 - 125%	---	---	
Lead	55.7	---	0.200	ug/L	1	55.6	ND	100	75 - 125%	---	---	
Nickel	52.8	---	2.00	ug/L	1	55.6	1.81	92	75 - 125%	---	---	
Selenium	25.6	---	1.00	ug/L	1	27.8	ND	92	75 - 125%	---	---	
Silver	27.3	---	0.200	ug/L	1	27.8	ND	98	75 - 125%	---	---	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1013184 - Matrix Matched Direct Inject												**Water**
Matrix Spike (1013184-MS1)		Prepared: 01/22/21 10:06 Analyzed: 01/22/21 17:36										
QC Source Sample: GW01-0121 (A1A0458-04)												
Thallium	27.6	---	0.200	ug/L	1	27.8	ND	99	75 - 125%	---	---	
Vanadium	56.5	---	2.00	ug/L	1	55.6	1.51	99	75 - 125%	---	---	
Zinc	596	---	4.00	ug/L	1	55.6	547	88	75 - 125%	---	---	

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55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

QUALITY CONTROL (QC) SAMPLE RESULTS

Nitrate + Nitrite by EPA 353.2

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1012984 - Method Prep: Aq									Water			
Blank (1012984-BLK1)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:04								
EPA 353.2												
Nitrate+Nitrite Nitrogen	ND	---	0.0200	mg/L	1	---	---	---	---	---	---	
LCS (1012984-BS1)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:05								
EPA 353.2												
Nitrate+Nitrite Nitrogen	0.370	---	0.0200	mg/L	1	0.375	---	99	90 - 110%	---	---	
LCS (1012984-BS2)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:06								
EPA 353.2												
Nitrate+Nitrite Nitrogen	0.372	---	0.0200	mg/L	1	0.375	---	99	90 - 110%	---	---	
LCS (1012984-BS3)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:07								
EPA 353.2												
Nitrate+Nitrite Nitrogen	0.371	---	0.0200	mg/L	1	0.375	---	99	90 - 110%	---	---	
LCS (1012984-BS4)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:09								
EPA 353.2												
Nitrate+Nitrite Nitrogen	0.375	---	0.0200	mg/L	1	0.375	---	100	90 - 110%	---	---	
Duplicate (1012984-DUP1)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:11								
QC Source Sample: SE01-0121 (A1A0458-01)												
EPA 353.2												
Nitrate+Nitrite Nitrogen	**0.456**	---	0.0200	mg/L	1	---	0.459	---	---	0.7	20%	
Matrix Spike (1012984-MS1)		Prepared: 01/18/21 10:14		Analyzed: 01/18/21 15:12								
QC Source Sample: SE01-0121 (A1A0458-01)												
EPA 353.2												
Nitrate+Nitrite Nitrogen	0.870	---	0.0208	mg/L	1	0.390	0.459	105	90 - 110%	---	---	

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Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

Weck Laboratories, Inc.

QUALITY CONTROL (QC) SAMPLE RESULTS

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch W1A1118 - EPA 525.2/SPE							**Water**					
Blank (W1A1118-BLK1)		Prepared: 01/22/21 10:39		Analyzed: 01/27/21 15:21								
GC/MS SIM												
PBDE-17	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-28	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-49	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-47	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-99	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-100	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-85	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-138	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-153	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
PBDE-154	ND	---	5.0	ng/l	1	---	---	---	---	---	---	
Surr: Perylene-d12			*Recovery: 70 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Triphenyl phosphate			*106 %*	*50-150 %*			*"*					
LCS (W1A1118-BS1)		Prepared: 01/22/21 10:39		Analyzed: 01/27/21 15:38								
GC/MS SIM												
PBDE-17	31.7	---	5.0	ng/l	1	50.0	---	63	50 - 150%	---	---	
PBDE-28	32.4	---	5.0	ng/l	1	50.0	---	65	50 - 150%	---	---	
PBDE-49	48.2	---	5.0	ng/l	1	50.0	---	96	50 - 150%	---	---	
PBDE-47	37.6	---	5.0	ng/l	1	50.0	---	75	50 - 150%	---	---	
PBDE-99	35.3	---	5.0	ng/l	1	50.0	---	71	50 - 150%	---	---	
PBDE-100	41.3	---	5.0	ng/l	1	50.0	---	83	50 - 150%	---	---	
PBDE-138	37.7	---	5.0	ng/l	1	50.0	---	75	50 - 150%	---	---	
PBDE-153	38.0	---	5.0	ng/l	1	50.0	---	76	50 - 150%	---	---	
PBDE-154	34.8	---	5.0	ng/l	1	50.0	---	70	50 - 150%	---	---	
Surr: Perylene-d12			*Recovery: 89 %*	*Limits: 50-150 %*			*Dilution: 1x*					
Triphenyl phosphate			*123 %*	*50-150 %*			*"*					
LCS Dup (W1A1118-BSD1)		Prepared: 01/22/21 10:39		Analyzed: 01/27/21 15:55								
GC/MS SIM												
PBDE-17	31.0	---	5.0	ng/l	1	50.0	---	62	50 - 150%	2	30%	
PBDE-28	30.0	---	5.0	ng/l	1	50.0	---	60	50 - 150%	7	30%	

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

Weck Laboratories, Inc.

QUALITY CONTROL (QC) SAMPLE RESULTS

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch W1A1118 - EPA 525.2/SPE							**Water**					
LCS Dup (W1A1118-BSD1)		Prepared: 01/22/21 10:39		Analyzed: 01/27/21 15:55								
PBDE-49	47.8	---	5.0	ng/l	1	50.0	---	96	50 - 150%	0.7	30%	
PBDE-47	38.0	---	5.0	ng/l	1	50.0	---	76	50 - 150%	1	30%	
PBDE-99	39.3	---	5.0	ng/l	1	50.0	---	79	50 - 150%	11	30%	
PBDE-100	45.1	---	5.0	ng/l	1	50.0	---	90	50 - 150%	9	30%	
PBDE-138	42.8	---	5.0	ng/l	1	50.0	---	86	50 - 150%	13	30%	
PBDE-153	42.1	---	5.0	ng/l	1	50.0	---	84	50 - 150%	10	30%	
PBDE-154	39.3	---	5.0	ng/l	1	50.0	---	79	50 - 150%	12	30%	
Surr: Perylene-d12		*Recovery: 103 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Triphenyl phosphate			*132 %*		*50-150 %*		*"*					

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Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

SAMPLE PREPARATION INFORMATION

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1012821							
A1A0458-01	Water	EPA 8260D	01/11/21 13:30	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-02	Water	EPA 8260D	01/11/21 13:40	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-03	Water	EPA 8260D	01/11/21 14:15	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-04	Water	EPA 8260D	01/12/21 10:00	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-05	Water	EPA 8260D	01/12/21 11:45	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-06	Water	EPA 8260D	01/12/21 12:25	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00
A1A0458-07	Water	EPA 8260D	01/12/21 13:15	01/13/21 10:03	5mL/5mL	5mL/5mL	1.00

Semivolatile Organic Compounds by EPA 8270E

Prep: EPA 3510C (Acid/Base Neutral)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1012876							
A1A0458-01	Water	EPA 8270E	01/11/21 13:30	01/14/21 10:43	1030mL/1mL	1000mL/1mL	0.97
A1A0458-02	Water	EPA 8270E	01/11/21 13:40	01/14/21 10:43	1010mL/1mL	1000mL/1mL	0.99
A1A0458-03	Water	EPA 8270E	01/11/21 14:15	01/14/21 10:43	1040mL/1mL	1000mL/1mL	0.96
A1A0458-04	Water	EPA 8270E	01/12/21 10:00	01/14/21 10:43	1030mL/1mL	1000mL/1mL	0.97
A1A0458-05RE1	Water	EPA 8270E	01/12/21 11:45	01/14/21 10:43	960mL/1mL	1000mL/1mL	1.04
A1A0458-06RE1	Water	EPA 8270E	01/12/21 12:25	01/14/21 10:43	1000mL/1mL	1000mL/1mL	1.00
Batch: 1013031							
A1A0458-07RE1	Water	EPA 8270E	01/12/21 13:15	01/19/21 11:11	1040mL/1mL	1000mL/1mL	0.96

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1013175							
A1A0458-01	Water	EPA 6020B	01/11/21 13:30	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-02	Water	EPA 6020B	01/11/21 13:40	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-03	Water	EPA 6020B	01/11/21 14:15	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-04	Water	EPA 6020B	01/12/21 10:00	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-05	Water	EPA 6020B	01/12/21 11:45	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-06	Water	EPA 6020B	01/12/21 12:25	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00
A1A0458-07	Water	EPA 6020B	01/12/21 13:15	01/22/21 08:55	45mL/50mL	45mL/50mL	1.00

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GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

SAMPLE PREPARATION INFORMATION

Dissolved Metals by EPA 6020B (ICPMS)

Prep: Matrix Matched Direct Inject

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1013184							
A1A0458-01	Water	EPA 6020B (Diss)	01/11/21 13:30	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-02	Water	EPA 6020B (Diss)	01/11/21 13:40	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-03	Water	EPA 6020B (Diss)	01/11/21 14:15	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-04	Water	EPA 6020B (Diss)	01/12/21 10:00	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-05	Water	EPA 6020B (Diss)	01/12/21 11:45	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-06	Water	EPA 6020B (Diss)	01/12/21 12:25	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00
A1A0458-07	Water	EPA 6020B (Diss)	01/12/21 13:15	01/22/21 10:06	45mL/50mL	45mL/50mL	1.00

Nitrate + Nitrite by EPA 353.2

Prep: Method Prep: Aq

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1012984							
A1A0458-01	Water	EPA 353.2	01/11/21 13:30	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-02	Water	EPA 353.2	01/11/21 13:40	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-03	Water	EPA 353.2	01/11/21 14:15	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-04	Water	EPA 353.2	01/12/21 10:00	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-05	Water	EPA 353.2	01/12/21 11:45	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-06	Water	EPA 353.2	01/12/21 12:25	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00
A1A0458-07	Water	EPA 353.2	01/12/21 13:15	01/18/21 10:14	4mL/4mL	4mL/4mL	1.00

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Lisa A Domenighini

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Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

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SAMPLE PREPARATION INFORMATION

PPCPs - Polybrominated Diphenyl Ethers by GC/MS SIM

Prep: EPA 525.2/SPE

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: W1A1118							
A1A0458-01	Water	GC/MS SIM	01/11/21 13:30	01/22/21 10:39	500ml/1ml	1000ml/1ml	2.00
A1A0458-02	Water	GC/MS SIM	01/11/21 13:40	01/22/21 10:39	500ml/1ml	1000ml/1ml	2.00
A1A0458-03	Water	GC/MS SIM	01/11/21 14:15	01/22/21 10:39	200ml/1ml	1000ml/1ml	5.00
A1A0458-04	Water	GC/MS SIM	01/12/21 10:00	01/22/21 10:39	500ml/1ml	1000ml/1ml	2.00
A1A0458-05	Water	GC/MS SIM	01/12/21 11:45	01/22/21 10:39	500ml/1ml	1000ml/1ml	2.00
A1A0458-06	Water	GC/MS SIM	01/12/21 12:25	01/22/21 10:39	200ml/1ml	1000ml/1ml	5.00
A1A0458-07	Water	GC/MS SIM	01/12/21 13:15	01/22/21 10:39	1000ml/1ml	1000ml/1ml	1.00

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QUALIFIER DEFINITIONS

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

Apex Laboratories

FILT1	Sample was lab filtered and acid preserved prior to analysis. See sample preparation section of report for date and time of filtration.
FILT3	This is a laboratory filtration blank, associated with filtration batch 1012849. See Prep page of report for associated samples.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
Q-24	The RPD for this spike and spike duplicate is above established control limits. Recoveries for both the spike and spike duplicate are within control limits.
Q-30	Recovery for Lab Control Spike (LCS) is below the lower control limit. Data may be biased low.
Q-31	Estimated Results. Recovery of Continuing Calibration Verification sample below lower control limit for this analyte. Results are likely biased low.
Q-52	Due to known erratic recoveries, the result and reporting levels for this analyte are reported as Estimated Values. This analyte may not have passed all QC requirements for this method.
Q-55	Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260
S-03	Reextraction and analysis, or analysis of laboratory duplicate, confirms surrogate failure due to sample matrix effect.

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M-02	Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.
S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate.

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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.

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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.

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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

All reported analytes are included in Apex Laboratories' current ORELAP scope.

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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Lisa Domenighini, Client Services 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.

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

APEX LABS

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A1A0458 COC 1 of 2

Company: GSI | Project Mgr: Genevieve Schutzius | Project Name: Eatonville | Project #:

Address: 55 SW Yamhill St. Ste. 200 | Phone: 970-420-5869 | Email: gschutzius@gsiws.com | PO #

Sampled by: GS, JS

Site Location: ~~OR~~ (WA) CA AK ID ___

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	8260D (VOC)	8270E (SVOC)	6020B (tot metal)	~~300.7/300.8~~	300.0 (nitrate-nitrite)	PBDEs (week)	Archive
SE01-0121		1/11/21	1330	SW	11																✓	✓	✓	✓	✓	✓	
SE101-0121		1/11/21	1340	SW	11																✓	✓	✓	✓	✓	✓	
SE02-0121		1/11/21	1415	SW	11																✓	✓	✓	✓	✓	✓	
GW01-0121		1/12/21	1000	SW	11																✓	✓	✓	✓	✓	✓	
SW01-0121		1/12/21	1145	SW	11																✓	✓	✓	✓	✓	✓	
SW02-0121		1/12/21	1225	SW	11																✓	✓	✓	✓	✓	✓	
SW03-0121		1/12/21	1315	SW	11																✓	✓	✓	✓	✓	✓	

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: ______

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 1/13/21	Signature: [signature] Date: 1/13/21	Signature: Date:	Signature: Date:
Printed Name: Genevieve Schutzius Time: 900	Printed Name: Susan Emert Time: 917	Printed Name: Time:	Printed Name: Time:
Company: GSI	Company: Apex	Company:	Company:

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

GSI Water Solutions	Project: **Eatonville**	
55 SW Yamhill St, Ste 300	Project Number: **Landfill WA State**	**Report ID:**
Portland, OR 97209	Project Manager: **Genevieve Schutzius**	**A1A0458 - 01 29 21 1718**

APEX LABS COOLER RECEIPT FORM

Client: GSI Element WO#: A1A0458

Project/Project #: Eatonville

Delivery Info:

Date/time received: 1/13/21 @ 917 By: SC

Delivered by: Apex____Client X ESS____FedEx____UPS____Swift____Senvoy____SDS____Other_____

Cooler Inspection Date/time inspected: 1/13/21 @ 917 By: SC

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)	0.7	5.1c	0.8	0.2			
Received on ice? (Y/N)	Y	Y	Y	Y			
Temp. blanks? (Y/N)	Y	Y	Y	Y			
Ice type: (Gel/Real/Other)	real	real	real	real			
Condition:	good	good	good	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: 1/13/21 @ 1050 By: SC

All samples intact? Yes X No ___ Comments:_____

Bottle labels/COCs agree? Yes ___ No X Comments: SE01-0121 all containers except 1L ambers read T of 1300 SE02-0121 no D/T on HNO3 poly. 4 TBs received but not listed on COC

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 X NA ____

Comments_____

Water samples: pH checked: Yes X No___NA___ pH appropriate? Yes X No___NA____

Comments: _____

Additional information: TB# 2523

Labeled by: SC Witness: AW Cooler Inspected by: SC

Apex Laboratories

Lisa A Domenighini

Lisa Domenighini, Client Services Manager