March 25, 2022

Rhode Island Department of Environmental Management
Office of Land Revitalization & Sustainable Materials Management
Site Remediation & Brownfields
235 Promenade Street
Providence, Rhode Island 02908
Sent via hard copy & email: DEM.OWMSiteRemNor@dem.ri.gov

RE: Release Notification
1144 Eddy Street
Assessor's Plat 57, Lot 291
Providence, Rhode Island
SAGE Project No. S3977

To Whom it May Concern,

SAGE Environmental Inc. (SAGE) on behalf of 1144 Eddy Street, LLC, is submitting the attached Hazardous Material Release Notification Form and attachments relative to the refined property (hereinafter, "Site"). Note, 1144 Eddy Street, LLC is submitting this package voluntarily as a Bona Fide Prospective Purchaser (BFP). BFP documents are being submitted simultaneously with this notification.

In January 2022 as part of due diligence, SAGE evaluated soil, groundwater, soil gas and indoor air.

On November 22, 2021, SAGE advanced five (5) soil borings. Soil results are as follows:

- Arsenic and benzo(a)pyrene were detected at concentrations above the applicable RIDEM Method 1 Residential Direct Exposure Criteria (R-DEC) and Industrial/Commercial Direct Exposure Criteria (I/C-DEC) in shallow soil samples SE-103 (0' – 2') and SE-104 (0' – 2');
- Beryllium and select PAHs were detected at concentrations above the RIDEM Method 1 R-DEC but below the I/C-DEC in soil samples SE-103 (0' – 2') and SE-104 (0' – 2'); and
- Beryllium was detected at a concentration above the RIDEM Method 1 R-DEC but below the I/C-DEC in soil sample SE-105 (0' – 2').

Three (3) soil borings were completed as groundwater monitoring wells. Impacts to groundwater were not identified.

On November 19, 2021, four (4) soil gas sampling points were installed through the concrete slab of the Site building using a hammer drill. The following provides a summary of the analytical detections from the November 22, 2021, sampling event:

- *SE-SG-101:* 1,1,1-trichloroethane and cis-1,2-dichloroethene (cis-1,2-DCE) were detected at concentrations above the MassDEP R-SSGS. PCE and TCE were detected at concentrations exceeding both the MassDEP R-SSGS and C/I-SSGS. All other analytes, where detected, were below the applicable standards;
- *SE-SG-102*: PCE was detected at a concentration above the MassDEP R-SSGS. TCE was detected at a concentration exceeding both the MassDEP VI R-SSGS and C/I-SSGS. All other analytes, where detected, were below the applicable standards;
- *SE-SG-103*: 1,1,1-trichloroethane, 1,1-dichloroethane and cis-1,2-DCE were detected at concentrations above the MassDEP VI R-SSGS. PCE was detected at a concentration exceeding both the MassDEP VI Guidance for R-SSGS and C/I-SSGS. All other analytes, where detected, were below the applicable standards;
- *SE-SG-105*: All analytes, where detected, were complaint with MassDEP VI Guidance for residential values for sub-slab soil gas.

SAGE returned to the Site on December 21, 2021, and January 4, 2022, to install seven additional soil borings. Detected analytes were not above appliable RIDEM Method 1 standards. Two (2) of the seven (7) borings were completed as groundwater monitoring wells. Results of sampling of the monitoring wells did not identify analytes above applicable standards.

On December 20, 2021, SAGE deployed three (3) summa canisters within the Site building and one (1) outdoor ambient air summa canister. Indoor air sample SE-IA-101 was collected from the basement located towards the eastern portion of the Site building and indoor air sample SE-IA-102 was collected from the ground floor located towards the western portion of the Site building. Ambient air sample SE-IA-103 was placed along the western exterior of the Site building. Laboratory analytical results were compared to the MassDEP VI Guidance Threshold Values (TVs) for Residential (R-TVs) and Commercial/Industrial (C/I-TVs) settings. The following provides a summary of the analytical detections from the December 20, 2021, sampling event:

- *SE-IA-101*: Bromodichloromethane, cis-1,2-DCE, PCE and TCE were detected at concentrations above the MassDEP VI Guidance for R-TVs for indoor air;
- *SE-IA-102*: Bromodichloromethane, cis-1,2-DCE, PCE and TCE were detected at concentrations above the MassDEP VI Guidance for R-TVs for indoor air; and
- *SE-IA-103*: TCE was detected in the ambient air sample at a concentration above the MassDEP VI Guidance for R-TVs for indoor air.

SAGE evaluated soil, groundwater, sub-slab soil gas and indoor air for potential contaminants of concern. The results of this investigation identified select PAHs within soil in excess of RIDEM Method 1 R-DEC and/or I/C-DEC. Additionally, within soil, arsenic and beryllium were detected above RIDEM Method 1 R-DEC and/or I/C-DEC. Groundwater was evaluated for VOCs, and although detections were found, they are not in excess of applicable GB-GWOS. During the assessment of sub-slab soil gas, detections of select chlorinated VOCs were found toward the easterly end of the Site structure exceeding MassDEP R-SSGS and/or C/I-SSGS. The levels within the soil gas suggested the possibility of elevated VOCs within soil as well as the possibility of vapor intrusion. As such, additional testing of soil beneath the Site structure toward the soil gas detection was performed, and results of the testing did identify various chlorinated

VOCs, however, not at levels exceeding RIDEM Method 1 R-DEC or applicable GB-LC. Indoor air testing did detect chlorinated VOCs, namely PCE, TCE, and cis-1,2-DCE exceeding MassDEP R-TVs and/or C/I-TVs. The detection of these VOCs within groundwater, soil, soil gas, and indoor air indicates a complete vapor intrusion pathway.

Should you have any questions, comments, or require further information, please contact the undersigned at (401) 723-9900.

Sincerely,
SAGE Environmental, Inc.

Jacob H. Butterworth

Jacob H. Butterworth, MS, LSP
Vice President

JHB:alm

Attachments

Attachment 1 Hazardous Material Release Notification
Attachment 2 Bona Fide Prospective Purchaser Certification Statement

ATTACHMENT 1

Office of Land Revitalization & Sustainable Materials Management
Site Remediation Section

HAZARDOUS MATERIAL RELEASE NOTIFICATION FORM

THIS FORM IS NOT TO BE USED TO REPORT AN IMMINENT HAZARD

1. Notifier Information:

Name: SAGE Environmental, Inc.

Address: 301 Friendship Street, Providence, RI 02903

Phone: 401-723-9900

Email: jbutterworth@sage-enviro.com

Status:
- [X] Environmental Professional
- [ ] Owner
- [ ] Operator
- [ ] Secured Creditor
- [ ] Voluntary

If Environmental Professional is selected, please supply the follow information for your client below:

Name: 1144 Eddy Street, LLC, Attn: Joseph Paolino

Address: 100 Westminster Street, Providence, RI 02903

Phone: 401-274-6611

Email: jpaolino@paolinoproperties.com

Status:
- [ ] Owner
- [ ] Operator
- [ ] Secured Creditor
- [X] Voluntary as BFP

2. Property Information:

Name of Site: Commercial Property

Site Address: 1144 Eddy Street, Providence, RI 02905

Plat/Lot Numbers: Plat 57, Lot 291

Approximate Acreage of Property: 0.39 of an acre

Latitude/Longitude: 41.79487924779399, -71.4040556680053

Site Land Usage Type:
- [ ] Residential
- [X] Industrial/Commercial

Location of Release (Attach site sketch as necessary):
Plan attached.

3. Release Information:

Date of Discovery: November 2021

Source: Historical use

Release Media: Soil, Soil Gas, Indoor Air

Hazardous Materials and Concentrations (Attach certificates of analysis as necessary):
Soil: Arsenic above RIDEM Method 1 I/C-DEC, Beryllium above R-DEC, Benzo(a)pyrene above I/C-DEC, Benz(a)anthracene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Indeno(1,2,3-cd)pyrene above R-DEC.
Soil Gas: 1,1,1-Trichloroethane, 1,1-Dichloroethane, Cis-1,2-Dichloroethene above MassDEP R-SSGS, PCE & TCE above MassDEP C/I SSGS. Indoor Air:Bromodichloromethane, Cis-1,2-Dichloroethene above MassDEP R-TVs, PCE & TCE above MassDEP C/I-TVs

Extent of Contamination:
Limited to Site parcel

Approximate acreage of Contaminated Area: 0.39

4. Resource Information:

Site Land Usage:	[X] Industrial/Commercial	[ ] Residential
Adjacent Land Usage:	[X] Industrial/Commercial	[ ] Residential
Site Groundwater Class:	[ ] GA/GAA	[X] GB
Adjacent Groundwater Class: (if different than site groundwater classification within 500 feet)	[ ] GA/GAA	[X] GB
Nearest Surface Water or Wetland:	[ ] Less Than 500 Feet	[X] Greater Than 500 Feet
Potential for adverse impact?	[ ] Yes	[X] No

5. Potentially Responsible Parties:

Name: Federal Products Corp.

Address: 1144 Eddy Street, Providence, RI 02905

Status: [X] Owner [ ] Operator [ ] Other:

Name:

Address:

Status: [ ] Owner [ ] Operator [ ] Other:

6. Measures taken or proposed to be taken in response to Release:

Additional investidragation

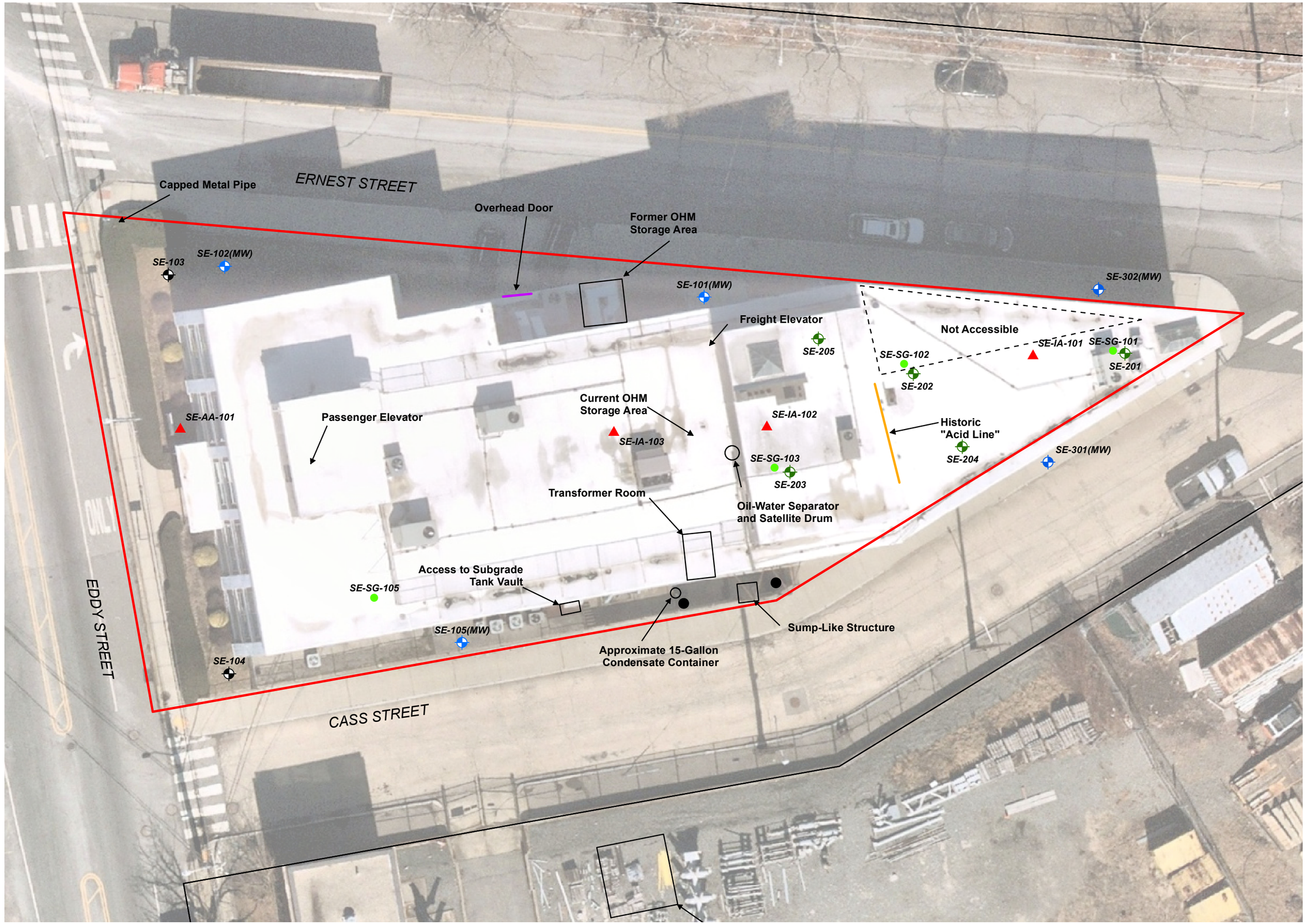
Check all that apply: [X] Site Investigation [ ] Short-Term/Emergency [ ] EXPRESS Policy [ ] Dig & Haul Policy

7. Other significant remarks about Release (Will a background determination be made?)

None

Signature: Jacob H. Butterworth **Date:** 03/25/2022

Title: Vice President, SAGE Environmental, Inc.



Site Location

Legend

- Approximate Site Boundary
- Monitoring Well Location
- Soil Boring Location
- Hand Auger Location
- Soil Gas Point Location
- Indoor/Ambient Air Sample Location
- Approximate Drain Location

N

Note: All locations are approximate and for illustrative purposes only.

0 3.75 7.5 15 22.5 30 Feet

Data Provided by RIGIS
Orthoimagery provided by nearmap.com

Site Plan

1144 Eddy Street
Providence, Rhode Island

Date: 01/11/2022

Job#: S3977

Created By: ALM/jpl

Figure 2

SAGE ENVIRONMENTAL

Soil Analytical Results - 1144 Eddy Street, Providence, RI

Sample ID/Date	SE-101 (0-2`)	SE-101 (10-15`)	SE-102 (10-15`)	SE-103 (0-2`)	SE-104 (0-2`)	SE-105 (0-2`)	SE-105 (10-15`)	RIDEM Method 1 Residential Direct Exposure Criteria	RIDEM Method 1 Industrial/Commerial Direct Exposure Criteria	RIDEM Method 1 GB Leachability Criteria
	11/19/2021	11/19/2021	11/19/2021	11/19/2021	11/19/2021	11/19/2021	11/19/2021			
Analyte	Result	Result	Result	Result	Result	Result	Result			
Miscellaneous/Inorganics										
Percent Solid (%)	90	94	93	82	85	85	86	NE	NE	NE
Metals, Total (mg/kg)										
Arsenic	3.54	NA	NA	29.3	8.01	3.18	NA	7	7	NE
Beryllium	0.37	NA	NA	0.84	0.71	0.51	NA	0.4	1.3	NE
Cadmium	0.87	NA	NA	1.7	1.72	1.26	NA	39	1,000	NE
Chromium	8.09	NA	NA	17.2	21.8	16.3	NA	NE	NE	NE
Copper	14.8	NA	NA	47.2	153	13.6	NA	3,100	10,000	NE
Lead	13.9	NA	NA	107	125	25.2	NA	150	500	NE
Mercury	< 0.03	NA	NA	0.12	0.13	< 0.03	NA	23	610	NE
Nickel	9.41	NA	NA	8.88	10.5	14.8	NA	1,000	10,000	NE
Silver	< 0.37	NA	NA	0.47	0.5	< 0.37	NA	200	10,000	NE
Zinc	38.5	NA	NA	64.3	161	118	NA	6,000	10,000	NE
TPH By SW8015D DRO (mg/kg)										
Total TPH	< 54	< 52	< 53	< 61	250	< 58	< 58	500	2,500	2,500
Unidentified	< 54	< 52	< 53	< 61	**	< 58	< 58	NE	NE	NE
PCBs By SW8082A (mg/kg)	< 0.37	< 0.35	< 0.36	< 0.4	< 0.38	< 0.38	< 0.39	10	10	10
Volatiles By SW8260C (mg/kg)	<RL	<RL	<RL	<RL	<RL	<RL	<RL	Various	Various	Various
Polynuclear Aromatic HC By SW8270D (mg/kg)										
Anthracene	< 0.26	NA	NA	< 0.28	0.52	< 0.27	NA	35	10,000	NE
Benz(a)anthracene	< 0.26	NA	NA	1.1	2.4	< 0.27	NA	0.9	7.8	NE
Benzo(a)pyrene	< 0.26	NA	NA	1.1	2.2	< 0.27	NA	0.4	0.8	NE
Benzo(b)fluoranthene	< 0.26	NA	NA	1.1	2.5	< 0.27	NA	0.9	7.8	NE
Benzo(ghi)perylene	< 0.26	NA	NA	0.74	1.2	< 0.27	NA	0.8	10,000	NE
Benzo(k)fluoranthene	< 0.26	NA	NA	1.1	2	< 0.27	NA	0.9	78	NE
Chrysene	< 0.26	NA	NA	1.2	2.6	< 0.27	NA	0.4	780	NE
Dibenz(a,h)anthracene	< 0.26	NA	NA	< 0.28	0.36	< 0.27	NA	0.4	0.8	NE
Fluoranthene	< 0.26	NA	NA	1.6	3.6	< 0.27	NA	20	10,000	NE
Indeno(1,2,3-cd)pyrene	< 0.26	NA	NA	0.82	1.5	< 0.27	NA	0.9	7.8	NE
Phenanthrene	< 0.26	NA	NA	1.1	2.4	< 0.27	NA	40	10,000	NE
Pyrene	< 0.26	NA	NA	1.4	2.9	< 0.27	NA	13	10,000	NE

Result Detected

Result Exceeds Criteria

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

NE: Standard not established for this substance

NA: Not analyzed.

**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C18 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Groundwater Analytical Results - 1144 Eddy Street, Providence, RI

November 22, 2021

Sample ID/Date / Analyte	SE-101 (MW) 11/22/2021 Sample Result	SE-102 (MW) 11/22/2021 Sample Result	SE-105 (MW) 11/22/2021 Sample Result	RIDEM Method 1 GB Groundwater Objectives	RIDEM GB Groundwater Upper Concentration Limits
Volatile Organic Compounds (ug/l)					
Chloroform	**2**	<1	<1	NE	NE
1,1-Dichloroethene	**6**	<1	<1	7	23000
Tetrachloroethene	<1	**1**	<1	150	NE
Trichloroethene	**9**	<1	**4**	540	87000

Cells with this color indicate: Cases where the analyte was detected but is within the limits provided.

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

NE: Standard not established for this substance

January 10, 2022

Sample ID/Date / Analyte	SE-301 (MW) 1/10/2022 Sample Result	SE-302 (MW) 1/10/2022 Sample Result	RIDEM Method 1 GB Groundwater Objectives	RIDEM GB Groundwater Upper Concentration Limits
Volatile Organic Compounds (ug/l)				
Trichloroethene	**12**	**3**	540	87000

Cells with this color indicate: Cases where the analyte was detected but is within the limits provided.

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

NE: Standard not established for this substance

Soil Gas Analytical Results - 1144 Eddy Street, Providence, RI
November 22, 2021

Sample ID/Date	SE-SG-103	SE-SG-105	SE-SG-101	SE-SG-102	MassDEP Residential Sub-Slab Soil Gas Screening Values	MassDEP Commercial/Industrial Sub-Slab Soil Gas Screening Values
	11/22/2021	11/22/2021	11/22/2021	11/22/2021		
Analyte	Result	Result	Result	Result		
Volatiles (TO15) - TO15 (ug/m3)						
1,1,1-Trichloroethane	317	< 13.6	812	147	210	311000
1,1,2,2-Tetrachloroethane	< 17.2	< 17.2	< 17.2	< 17.2	2.8	14
1,1,2-Trichloroethane	< 13.6	< 13.6	< 13.6	< 13.6	10	50
1,1-Dichloroethane	197	< 10.1	20.9	< 10.1	56	50000
1,2,4-Trimethylbenzene	210	139	120	141	NE	NE
1,2-Dibromoethane(EDB)	< 19.2	< 19.2	< 19.2	< 19.2	0.54	2.7
1,2-Dichloroethane	< 10.1	< 10.1	< 10.1	< 10.1	6.3	31
1,2-dichloropropane	< 11.5	< 11.5	< 11.5	< 11.5	8.6	42
1,3,5-Trimethylbenzene	57	37.8	36	42	NE	NE
4-Ethyltoluene	176	118	117	131	NE	NE
Acetone	80.2	46.8	56.5	70.3	6400	50000
Benzene	22.4	16.6	20.3	20.7	160	800
Bromodichloromethane	< 13.4	< 13.4	< 13.4	< 13.4	9.2	45
Chloroethane	11.6	< 6.59	< 6.59	< 6.59	NE	NE
Cis-1,2-Dichloroethene	230	< 9.9	76.1	12.4	56	370
Cyclohexane	71.6	48.2	55.4	64	NE	NE
Dibromochloromethane	< 21.3	< 21.3	< 21.3	< 21.3	6.8	33
Ethanol	422	266	320	365	NE	NE
Ethylbenzene	151	116	135	147	520	62000
Heptane	106	79.9	90.1	104	NE	NE
Hexachlorobutadiene	< 26.6	< 26.6	< 26.6	< 26.6	7.4	320
Hexane	76.4	54.2	62	71.5	NE	NE
Isopropylalcohol	< 6.14	16.9	13.7	16.6	NE	NE
Isopropylbenzene	14.5	< 12.3	< 12.3	12.6	NE	NE
m,p-Xylene	534	410	477	508	NE	NE
Methyl Ethyl Ketone	90.5	53.6	70.7	84	840	310000
o-Xylene	184	137	155	172	NE	NE
Tetrachloroethene	23.7	< 6.78	637	141	98	290
Toluene	572	456	539	576	3800	310000
Trichloroethene	423	< 5.37	4620	956	28	120

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)
NE: Standard not established for this substance

Indoor Air Analytical Results - 1144 Eddy Street, Providence, RI
December 20, 2021

Sample ID/Date / Analyte	SE-IA-102	SE-IA-103	SE-IA-101	MassDEP Residential Threshold Values	SE-AA-101
	12/20/2021	12/20/2021	12/20/2021		12/20/2021
	Result	Result	Result		Result
Volatiles TO15 By TO15 (ug/m3)					**Standards Not Applicable**
1,1,1-Trichloroethane	< 1.36	< 1.36	1.94	3	< 1.36
1,2-Dibromoethane(EDB)	< 0.04	< 0.04	< 0.04	0.0078	< 0.04
1,2-Dichloroethane	0.07	0.06	0.06	0.09	0.06
Acetone	8.17	7.62	6.39	91	3.58
Benzene	0.8	0.82	0.79	2.3	0.74
Bromodichloromethane	0.17	< 0.07	0.21	0.13	< 0.07
Carbon Tetrachloride	0.51	0.46	0.47	0.54	0.46
Chloroform	1.22	< 0.49	1.67	1.9	< 0.49
Chloromethane	1.21	1.06	1.09	NE	1.1
Cis-1,2-Dichloroethene	0.99	< 0.40	1.13	0.8	< 0.40
Dichlorodifluoromethane	2.44	2.13	2.13	NE	2.16
Ethanol	8.55	8.02	6.76	NE	4.65
Hexane	0.85	< 0.79	< 0.79	NE	< 0.79
Isopropylalcohol	1.71	1.57	1.27	NE	< 0.92
Methyl Ethyl Ketone	0.67	< 0.66	< 0.66	12	< 0.66
Naphthalene	0.49	0.28	< 0.26	0.6	< 0.26
Tetrachloroethene	6.76	0.79	11.3	1.4	< 0.34
Toluene	1.74	1.39	1.64	54	1.25
Trichloroethene	8.32	0.52	14.1	0.4	< 0.13
Vinyl Chloride	0.14	< 0.13	0.18	0.27	< 0.13

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)
NE: Standard not established for this substance

Soil Analytical Results - 1144 Eddy Street, Providence, RI
December 21, 2021

Sample ID/Date	SE-201 (0`-2`)	SE-202 (0`-2`)	SE-203 (0`-2`)	SE-204 (2`-4`)	SE-205 (4`-6`)	SE-203 (4`-6`)	RIDEM Method 1 Residential Direct Exposure Criteria	RIDEM Method 1 GB Leachability Criteria
	12/21/2021	12/21/2021	12/21/2021	12/21/2021	12/21/2021	12/21/2021		
Analyte	Result	Result	Result	Result	Result	Result		
Miscellaneous/Inorganics								
Percent Solid (%)	90	95	93	98	94	94	NE	NE
Volatiles By SW8260C (mg/kg)								
Ethylbenzene	< 0.0054	< 0.0059	0.57	< 0.0053	< 0.0049	0.0083	71	62
m&p-Xylene	< 0.0054	< 0.0059	0.27	< 0.0053	< 0.0049	< 0.0057	NE	NE
o-Xylene	< 0.0054	< 0.0059	0.22	< 0.0053	< 0.0049	< 0.0057	NE	NE
Tetrachloroethene	0.26	0.86	0.0042	0.16	< 0.0049	< 0.0057	12	4.2
Total Xylenes	< 0.0054	< 0.0059	0.49	< 0.0053	< 0.0049	< 0.0057	110	
Trichloroethene	0.4	0.77	< 0.0037	0.085	< 0.0049	< 0.0057	13	20

Result Detected

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

NE: Standard not established for this substance

January 4, 2022

Sample ID/Date	SE-301 (25-28)	SE-302 (10-15)	RIDEM Method 1 Residential Direct Exposure Criteria	RIDEM Method 1 GB Leachability Criteria
	1/4/2022	1/4/2022		
Analyte	Result	Result		
Miscellaneous/Inorganics				
Percent Solid (%)	95	94	NE	NE
Volatiles By SW8260C (mg/kg)				
Tetrachloroethene	0.21	< 0.0043	12	4.2
Trichloroethene	0.23	< 0.0043	13	20

Result Detected

<x: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

NE: Standard not established for this substance

Thursday, December 02, 2021

Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Project ID: **53977**
SDG ID: **GCJ83473**
Sample ID#s: CJ83473 - CJ83479

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

December 02, 2021

SDG I.D.: GCJ83473

Project ID: 53977

Client Id	Lab Id	Matrix
SE-101 (0-2`)	CJ83473	SOIL
SE-101 (10-15`)	CJ83474	SOIL
SE-102 (10-15`)	CJ83475	SOIL
SE-103 (0-2`)	CJ83476	SOIL
SE-104 (0-2`)	CJ83477	SOIL
SE-105 (0-2`)	CJ83478	SOIL
SE-105 (10-15`)	CJ83479	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	9:00
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83473

Project ID: 53977
Client ID: SE-101 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Arsenic	3.54	0.73	mg/Kg	1	11/24/21	TH	SW6010D
Beryllium	0.37	0.29	mg/Kg	1	11/24/21	TH	SW6010D
Cadmium	0.87	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Chromium	8.09	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Copper	14.8	0.7	mg/kg	1	11/24/21	TH	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	11/23/21	AP	SW7471B
Nickel	9.41	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Lead	13.9	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Antimony	< 3.7	3.7	mg/Kg	1	11/24/21	TH	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	11/24/21	TH	SW6010D
Thallium	< 3.3	3.3	mg/Kg	1	11/24/21	TH	SW6010D
Zinc	38.5	0.7	mg/Kg	1	11/24/21	TH	SW6010D
Percent Solid	90		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/22/21	O/E	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Mercury Digestion	Completed				11/23/21	AB/AB	SW7471B
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Soil Extraction for SVOA PAH	Completed				11/22/21	I/Y	SW3546
Total Metals Digest	Completed				11/23/21	M/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1221	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1232	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1242	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1248	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1254	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1260	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1262	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1268	ND	0.37	mg/Kg	10	11/23/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	72		%	10	11/23/21	SC	30 - 150 %
% DCBP (Confirmation)	70		%	10	11/23/21	SC	30 - 150 %
% TCMX	66		%	10	11/23/21	SC	30 - 150 %
% TCMX (Confirmation)	66		%	10	11/23/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Total TPH	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	54	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	83		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	87		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0036	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.0006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
2-Chlorotoluene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
2-Hexanone	ND	0.03	mg/Kg	1	11/29/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
4-Chlorotoluene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.03	mg/Kg	1	11/29/21	JLI	SW8260C
Acetone	ND	0.3	mg/Kg	1	11/29/21	JLI	SW8260C

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acrylonitrile	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Benzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Bromobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Bromochloromethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Bromodichloromethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Bromoform	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Bromomethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon Disulfide	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon tetrachloride	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Chlorobenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroform	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Chloromethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromochloromethane	ND	0.0036	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromomethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Ethylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Isopropylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
m&p-Xylene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.036	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.012	mg/Kg	1	11/29/21	JLI	SW8260C
Methylene chloride	ND	0.012	mg/Kg	1	11/29/21	JLI	SW8260C
Naphthalene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
n-Butylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
n-Propylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
o-Xylene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
sec-Butylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Styrene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
tert-Butylbenzene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrachloroethene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.012	mg/Kg	1	11/29/21	JLI	SW8260C
Toluene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Total Xylenes	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.012	mg/Kg	1	11/29/21	JLI	SW8260C
Trichloroethene	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.012	mg/Kg	1	11/29/21	JLI	SW8260C
Vinyl chloride	ND	0.006	mg/Kg	1	11/29/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	11/29/21	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	11/29/21	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	11/29/21	JLI	70 - 130 %
% Toluene-d8	103		%	1	11/29/21	JLI	70 - 130 %

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthylene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Anthracene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Benz(a)anthracene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(a)pyrene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(b)fluoranthene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(ghi)perylene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(k)fluoranthene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Chrysene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Fluoranthene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Fluorene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Naphthalene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Phenanthrene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
Pyrene	ND	0.26	mg/Kg	1	11/23/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	1	11/23/21	WB	30 - 130 %
% Nitrobenzene-d5	78		%	1	11/23/21	WB	30 - 130 %
% Terphenyl-d14	71		%	1	11/23/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 02, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	9:30
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83474

Project ID: 53977
Client ID: SE-101 (10-15`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/22/21	O/E	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Polychlorinated Biphenyls							
PCB-1016	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1221	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1232	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1242	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1248	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1254	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1260	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1262	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1268	ND	0.35	mg/Kg	10	11/23/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	76		%	10	11/23/21	SC	30 - 150 %
% DCBP (Confirmation)	74		%	10	11/23/21	SC	30 - 150 %
% TCMX	70		%	10	11/23/21	SC	30 - 150 %
% TCMX (Confirmation)	70		%	10	11/23/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO

Project ID: 53977
Client ID: SE-101 (10-15`)

Phoenix I.D.: CJ83474

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total TPH	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	52	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	95		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	94		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0035	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
2-Hexanone	ND	0.029	mg/Kg	1	11/30/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.029	mg/Kg	1	11/30/21	JLI	SW8260C
Acetone	ND	0.29	mg/Kg	1	11/30/21	JLI	SW8260C
Acrylonitrile	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Benzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Bromobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Bromochloromethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Bromodichloromethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Bromoform	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Bromomethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon Disulfide	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Chlorobenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroform	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Chloromethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Dibromochloromethane	ND	0.0035	mg/Kg	1	11/30/21	JLI	SW8260C

Project ID: 53977 Phoenix I.D.: CJ83474

Client ID: SE-101 (10-15`)

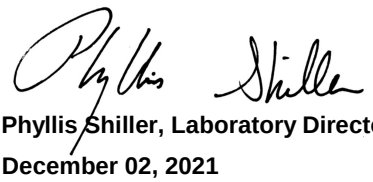
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dibromomethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Ethylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Isopropylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
m&p-Xylene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.035	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.012	mg/Kg	1	11/30/21	JLI	SW8260C
Methylene chloride	ND	0.012	mg/Kg	1	11/30/21	JLI	SW8260C
Naphthalene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
n-Butylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
n-Propylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
o-Xylene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Styrene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrachloroethene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.012	mg/Kg	1	11/30/21	JLI	SW8260C
Toluene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Total Xylenes	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.012	mg/Kg	1	11/30/21	JLI	SW8260C
Trichloroethene	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.012	mg/Kg	1	11/30/21	JLI	SW8260C
Vinyl chloride	ND	0.0059	mg/Kg	1	11/30/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	11/30/21	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	11/30/21	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	11/30/21	JLI	70 - 130 %
% Toluene-d8	96		%	1	11/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 02, 2021

Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	10:30
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83475

Project ID: 53977
Client ID: SE-102 (10-15`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/22/21	O/E	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Polychlorinated Biphenyls							
PCB-1016	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1221	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1232	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1242	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1248	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1254	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1260	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1262	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
PCB-1268	ND	0.36	mg/Kg	10	11/23/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	75		%	10	11/23/21	SC	30 - 150 %
% DCBP (Confirmation)	71		%	10	11/23/21	SC	30 - 150 %
% TCMX	64		%	10	11/23/21	SC	30 - 150 %
% TCMX (Confirmation)	63		%	10	11/23/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO

Project ID: 53977
Client ID: SE-102 (10-15`)

Phoenix I.D.: CJ83475

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total TPH	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	53	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	90		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	94		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0028	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
2-Hexanone	ND	0.024	mg/Kg	1	11/30/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.024	mg/Kg	1	11/30/21	JLI	SW8260C
Acetone	ND	0.24	mg/Kg	1	11/30/21	JLI	SW8260C
Acrylonitrile	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Benzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Bromobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Bromochloromethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Bromodichloromethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Bromoform	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Bromomethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon Disulfide	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Chlorobenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroform	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Chloromethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Dibromochloromethane	ND	0.0028	mg/Kg	1	11/30/21	JLI	SW8260C

Ver 1

Project ID: 53977 Phoenix I.D.: CJ83475

Client ID: SE-102 (10-15`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dibromomethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Ethylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Isopropylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
m&p-Xylene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.028	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.0095	mg/Kg	1	11/30/21	JLI	SW8260C
Methylene chloride	ND	0.0095	mg/Kg	1	11/30/21	JLI	SW8260C
Naphthalene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
n-Butylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
n-Propylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
o-Xylene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Styrene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrachloroethene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.0095	mg/Kg	1	11/30/21	JLI	SW8260C
Toluene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Total Xylenes	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.0095	mg/Kg	1	11/30/21	JLI	SW8260C
Trichloroethene	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.0095	mg/Kg	1	11/30/21	JLI	SW8260C
Vinyl chloride	ND	0.0047	mg/Kg	1	11/30/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	11/30/21	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	11/30/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	11/30/21	JLI	70 - 130 %
% Toluene-d8	95		%	1	11/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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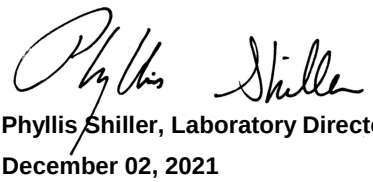

Phyllis Shiller, Laboratory Director

December 02, 2021

Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	11:30
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83476

Project ID: 53977
Client ID: SE-103 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	0.47	0.42	mg/Kg	1	11/24/21	TH	SW6010D
Arsenic	29.3	0.84	mg/Kg	1	11/24/21	TH	SW6010D
Beryllium	0.84	0.33	mg/Kg	1	11/24/21	TH	SW6010D
Cadmium	1.70	0.42	mg/Kg	1	11/24/21	TH	SW6010D
Chromium	17.2	0.42	mg/Kg	1	11/24/21	TH	SW6010D
Copper	47.2	0.8	mg/kg	1	11/24/21	TH	SW6010D
Mercury	0.12	0.03	mg/Kg	2	11/23/21	AP	SW7471B
Nickel	8.88	0.42	mg/Kg	1	11/24/21	TH	SW6010D
Lead	107	0.42	mg/Kg	1	11/24/21	TH	SW6010D
Antimony	< 4.2	4.2	mg/Kg	1	11/24/21	TH	SW6010D
Selenium	< 1.7	1.7	mg/Kg	1	11/24/21	TH	SW6010D
Thallium	< 3.8	3.8	mg/Kg	1	11/24/21	TH	SW6010D
Zinc	64.3	0.8	mg/Kg	1	11/24/21	TH	SW6010D
Percent Solid	82		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/22/21	O/E	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Mercury Digestion	Completed				11/23/21	AB/AB	SW7471B
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Soil Extraction for SVOA PAH	Completed				11/22/21	I/Y	SW3546
Total Metals Digest	Completed				11/23/21	M/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1221	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1232	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1242	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1248	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A

Project ID: 53977
Client ID: SE-103 (0-2`)

Phoenix I.D.: CJ83476

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1254	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1260	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1262	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1268	ND	0.4	mg/Kg	10	11/24/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	78		%	10	11/24/21	SC	30 - 150 %
% DCBP (Confirmation)	75		%	10	11/24/21	SC	30 - 150 %
% TCMX	71		%	10	11/24/21	SC	30 - 150 %
% TCMX (Confirmation)	71		%	10	11/24/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Total TPH	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	61	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	80		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	83		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0042	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.0007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
2-Chlorotoluene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
2-Hexanone	ND	0.035	mg/Kg	1	11/29/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
4-Chlorotoluene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.035	mg/Kg	1	11/29/21	JLI	SW8260C
Acetone	ND	0.35	mg/Kg	1	11/29/21	JLI	SW8260C

Project ID: 53977
Client ID: SE-103 (0-2`)

Phoenix I.D.: CJ83476

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acrylonitrile	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Benzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Bromobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Bromochloromethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Bromodichloromethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Bromoform	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Bromomethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon Disulfide	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon tetrachloride	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Chlorobenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroform	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Chloromethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromochloromethane	ND	0.0042	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromomethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Ethylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Isopropylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
m&p-Xylene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.042	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.014	mg/Kg	1	11/29/21	JLI	SW8260C
Methylene chloride	ND	0.014	mg/Kg	1	11/29/21	JLI	SW8260C
Naphthalene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
n-Butylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
n-Propylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
o-Xylene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
sec-Butylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Styrene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
tert-Butylbenzene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrachloroethene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.014	mg/Kg	1	11/29/21	JLI	SW8260C
Toluene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Total Xylenes	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.014	mg/Kg	1	11/29/21	JLI	SW8260C
Trichloroethene	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.014	mg/Kg	1	11/29/21	JLI	SW8260C
Vinyl chloride	ND	0.007	mg/Kg	1	11/29/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	11/29/21	JLI	70 - 130 %
% Bromofluorobenzene	100		%	1	11/29/21	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	11/29/21	JLI	70 - 130 %
% Toluene-d8	102		%	1	11/29/21	JLI	70 - 130 %

Project ID: 53977
Client ID: SE-103 (0-2`)

Phoenix I.D.: CJ83476

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthylene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Anthracene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Benz(a)anthracene	1.1	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(a)pyrene	1.1	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(b)fluoranthene	1.1	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(ghi)perylene	0.74	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(k)fluoranthene	1.1	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Chrysene	1.2	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Fluoranthene	1.6	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Fluorene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	0.82	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Naphthalene	ND	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Phenanthrene	1.1	0.28	mg/Kg	1	11/23/21	WB	SW8270D
Pyrene	1.4	0.28	mg/Kg	1	11/23/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	11/23/21	WB	30 - 130 %
% Nitrobenzene-d5	76		%	1	11/23/21	WB	30 - 130 %
% Terphenyl-d14	59		%	1	11/23/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
December 02, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	12:30
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83477

Project ID: 53977
Client ID: SE-104 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	0.50	0.40	mg/Kg	1	11/24/21	TH	SW6010D
Arsenic	8.01	0.79	mg/Kg	1	11/24/21	TH	SW6010D
Beryllium	0.71	0.32	mg/Kg	1	11/24/21	TH	SW6010D
Cadmium	1.72	0.40	mg/Kg	1	11/24/21	TH	SW6010D
Chromium	21.8	0.40	mg/Kg	1	11/24/21	TH	SW6010D
Copper	153	0.8	mg/kg	1	11/24/21	TH	SW6010D
Mercury	0.13	0.03	mg/Kg	2	11/23/21	AP	SW7471B
Nickel	10.5	0.40	mg/Kg	1	11/24/21	TH	SW6010D
Lead	125	0.40	mg/Kg	1	11/24/21	TH	SW6010D
Antimony	< 4.0	4.0	mg/Kg	1	11/24/21	TH	SW6010D
Selenium	< 1.6	1.6	mg/Kg	1	11/24/21	TH	SW6010D
Thallium	< 3.6	3.6	mg/Kg	1	11/24/21	TH	SW6010D
Zinc	161	0.8	mg/Kg	1	11/24/21	TH	SW6010D
Percent Solid	85		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/23/21	O/L	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Mercury Digestion	Completed				11/23/21	AB/AB	SW7471B
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Soil Extraction for SVOA PAH	Completed				11/22/21	I/Y	SW3546
Total Metals Digest	Completed				11/23/21	M/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1221	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1232	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1242	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1248	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A

Project ID: 53977
Client ID: SE-104 (0-2`)

Phoenix I.D.: CJ83477

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1254	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1260	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1262	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1268	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	92		%	10	11/24/21	SC	30 - 150 %
% DCBP (Confirmation)	80		%	10	11/24/21	SC	30 - 150 %
% TCMX	76		%	10	11/24/21	SC	30 - 150 %
% TCMX (Confirmation)	77		%	10	11/24/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Fuel Oil #4	ND	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Fuel Oil #6	ND	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Kerosene	ND	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Motor Oil	ND	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Total TPH	250	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
Unidentified	**	59	mg/kg	1	11/23/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	69		%	1	11/23/21	JRB	50 - 150 %
% Terphenyl (surr)	78		%	1	11/23/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0044	mg/Kg	1	11/29/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
2-Hexanone	ND	0.036	mg/Kg	1	11/29/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.036	mg/Kg	1	11/29/21	JLI	SW8260C
Acetone	ND	0.36	mg/Kg	1	11/29/21	JLI	SW8260C

Project ID: 53977
Client ID: SE-104 (0-2`)

Phoenix I.D.: CJ83477

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acrylonitrile	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Benzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Bromobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Bromochloromethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Bromodichloromethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Bromoform	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Bromomethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon Disulfide	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Chlorobenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Chloroform	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Chloromethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromochloromethane	ND	0.0044	mg/Kg	1	11/29/21	JLI	SW8260C
Dibromomethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Ethylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Isopropylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
m&p-Xylene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.044	mg/Kg	1	11/29/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.015	mg/Kg	1	11/29/21	JLI	SW8260C
Methylene chloride	ND	0.015	mg/Kg	1	11/29/21	JLI	SW8260C
Naphthalene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
n-Butylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
n-Propylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
o-Xylene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Styrene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrachloroethene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.015	mg/Kg	1	11/29/21	JLI	SW8260C
Toluene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Total Xylenes	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.015	mg/Kg	1	11/29/21	JLI	SW8260C
Trichloroethene	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.015	mg/Kg	1	11/29/21	JLI	SW8260C
Vinyl chloride	ND	0.0073	mg/Kg	1	11/29/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	11/29/21	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	11/29/21	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	11/29/21	JLI	70 - 130 %
% Toluene-d8	102		%	1	11/29/21	JLI	70 - 130 %

Project ID: 53977
Client ID: SE-104 (0-2`)

Phoenix I.D.: CJ83477

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthylene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Anthracene	0.52	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benz(a)anthracene	2.4	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(a)pyrene	2.2	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(b)fluoranthene	2.5	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(ghi)perylene	1.2	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(k)fluoranthene	2	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Chrysene	2.6	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Dibenz(a,h)anthracene	0.36	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Fluoranthene	3.6	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Fluorene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1.5	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Naphthalene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Phenanthrene	2.4	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Pyrene	2.9	0.27	mg/Kg	1	11/23/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	1	11/23/21	WB	30 - 130 %
% Nitrobenzene-d5	75		%	1	11/23/21	WB	30 - 130 %
% Terphenyl-d14	59		%	1	11/23/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C18 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 02, 2021

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	13:30
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83478

Project ID: 53977
Client ID: SE-105 (0-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Arsenic	3.18	0.74	mg/Kg	1	11/24/21	TH	SW6010D
Beryllium	0.51	0.29	mg/Kg	1	11/24/21	TH	SW6010D
Cadmium	1.26	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Chromium	16.3	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Copper	13.6	0.7	mg/kg	1	11/24/21	TH	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	11/23/21	AP	SW7471B
Nickel	14.8	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Lead	25.2	0.37	mg/Kg	1	11/24/21	TH	SW6010D
Antimony	< 3.7	3.7	mg/Kg	1	11/24/21	TH	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	11/24/21	TH	SW6010D
Thallium	< 3.3	3.3	mg/Kg	1	11/24/21	TH	SW6010D
Zinc	118	0.7	mg/Kg	1	11/24/21	TH	SW6010D
Percent Solid	85		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/23/21	O/L	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Mercury Digestion	Completed				11/23/21	AB/AB	SW7471B
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Soil Extraction for SVOA PAH	Completed				11/22/21	I/Y	SW3546
Total Metals Digest	Completed				11/23/21	M/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1221	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1232	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1242	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1248	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A

Project ID: 53977
Client ID: SE-105 (0-2`)

Phoenix I.D.: CJ83478

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1254	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1260	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1262	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1268	ND	0.38	mg/Kg	10	11/24/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	87		%	10	11/24/21	SC	30 - 150 %
% DCBP (Confirmation)	114		%	10	11/24/21	SC	30 - 150 %
% TCMX	77		%	10	11/24/21	SC	30 - 150 %
% TCMX (Confirmation)	73		%	10	11/24/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Total TPH	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	84		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	87		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.003	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.0005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
2-Chlorotoluene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
2-Hexanone	ND	0.025	mg/Kg	1	11/30/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
4-Chlorotoluene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.025	mg/Kg	1	11/30/21	JLI	SW8260C
Acetone	ND	0.25	mg/Kg	1	11/30/21	JLI	SW8260C

Project ID: 53977
Client ID: SE-105 (0-2`)

Phoenix I.D.: CJ83478

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acrylonitrile	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Benzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Bromobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Bromochloromethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Bromodichloromethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Bromoform	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Bromomethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon Disulfide	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon tetrachloride	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Chlorobenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroform	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Chloromethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Dibromochloromethane	ND	0.003	mg/Kg	1	11/30/21	JLI	SW8260C
Dibromomethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Ethylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Isopropylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
m&p-Xylene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.03	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.01	mg/Kg	1	11/30/21	JLI	SW8260C
Methylene chloride	ND	0.01	mg/Kg	1	11/30/21	JLI	SW8260C
Naphthalene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
n-Butylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
n-Propylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
o-Xylene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
sec-Butylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Styrene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
tert-Butylbenzene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrachloroethene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.01	mg/Kg	1	11/30/21	JLI	SW8260C
Toluene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Total Xylenes	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.01	mg/Kg	1	11/30/21	JLI	SW8260C
Trichloroethene	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.01	mg/Kg	1	11/30/21	JLI	SW8260C
Vinyl chloride	ND	0.005	mg/Kg	1	11/30/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	1	11/30/21	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	11/30/21	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	11/30/21	JLI	70 - 130 %
% Toluene-d8	96		%	1	11/30/21	JLI	70 - 130 %

Project ID: 53977
Client ID: SE-105 (0-2`)

Phoenix I.D.: CJ83478

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Acenaphthylene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Anthracene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benz(a)anthracene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(a)pyrene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(b)fluoranthene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(ghi)perylene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Benzo(k)fluoranthene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Chrysene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Fluoranthene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Fluorene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Naphthalene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Phenanthrene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
Pyrene	ND	0.27	mg/Kg	1	11/23/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	11/23/21	WB	30 - 130 %
% Nitrobenzene-d5	76		%	1	11/23/21	WB	30 - 130 %
% Terphenyl-d14	81		%	1	11/23/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
December 02, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 02, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		11/19/21	14:00
Location Code:	SAGE	Received by:	SW	11/22/21	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ83473
Phoenix ID: CJ83479

Project ID: 53977
Client ID: SE-105 (10-15`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		11/22/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				11/23/21	O/L	SW3545A
Field Extraction	Completed				11/19/21		SW5035A
Extraction of ETPH	Completed				11/22/21	R/E	SW3546
Polychlorinated Biphenyls							
PCB-1016	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1221	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1232	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1242	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1248	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1254	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1260	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1262	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
PCB-1268	ND	0.39	mg/Kg	10	11/24/21	SC	SW8082A
QA/QC Surrogates							
% DCBP	84		%	10	11/24/21	SC	30 - 150 %
% DCBP (Confirmation)	87		%	10	11/24/21	SC	30 - 150 %
% TCMX	79		%	10	11/24/21	SC	30 - 150 %
% TCMX (Confirmation)	76		%	10	11/24/21	SC	30 - 150 %
TPH by GC (Extractable (C9-C36))							
Fuel Oil #2 / Diesel Fuel	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #4	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Fuel Oil #6	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Kerosene	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Motor Oil	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO

Project ID: 53977
Client ID: SE-105 (10-15`)

Phoenix I.D.: CJ83479

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total TPH	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
Unidentified	ND	58	mg/kg	1	11/24/21	JRB	SW8015D DRO
QA/QC Surrogates							
% COD (surr)	90		%	1	11/24/21	JRB	50 - 150 %
% Terphenyl (surr)	93		%	1	11/24/21	JRB	50 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0034	mg/Kg	1	11/30/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
2-Hexanone	ND	0.028	mg/Kg	1	11/30/21	JLI	SW8260C
2-Isopropyltoluene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.028	mg/Kg	1	11/30/21	JLI	SW8260C
Acetone	ND	0.28	mg/Kg	1	11/30/21	JLI	SW8260C
Acrylonitrile	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Benzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Bromobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Bromochloromethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Bromodichloromethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Bromoform	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Bromomethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon Disulfide	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Chlorobenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Chloroform	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Chloromethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Dibromochloromethane	ND	0.0034	mg/Kg	1	11/30/21	JLI	SW8260C

Ver 1

Project ID: 53977 Phoenix I.D.: CJ83479

Client ID: SE-105 (10-15`)

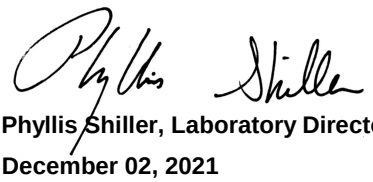
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Dibromomethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Ethylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Isopropylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
m&p-Xylene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.034	mg/Kg	1	11/30/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.011	mg/Kg	1	11/30/21	JLI	SW8260C
Methylene chloride	ND	0.011	mg/Kg	1	11/30/21	JLI	SW8260C
Naphthalene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
n-Butylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
n-Propylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
o-Xylene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Styrene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrachloroethene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.011	mg/Kg	1	11/30/21	JLI	SW8260C
Toluene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Total Xylenes	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.011	mg/Kg	1	11/30/21	JLI	SW8260C
Trichloroethene	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.011	mg/Kg	1	11/30/21	JLI	SW8260C
Vinyl chloride	ND	0.0057	mg/Kg	1	11/30/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	1	11/30/21	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	11/30/21	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	11/30/21	JLI	70 - 130 %
% Toluene-d8	95		%	1	11/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 02, 2021

Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

December 02, 2021

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 601873 (mg/kg), QC Sample No: CJ83473 2X (CJ83473, CJ83476, CJ83477, CJ83478)													
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	106	108	1.9	85.5	85.4	0.1	70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 601945 (mg/kg), QC Sample No: CJ83909 (CJ83473, CJ83476, CJ83477, CJ83478)													
ICP Metals - Soil													
Antimony	BRL	3.3	<3.7	<3.5	NC	97.6	97.3	0.3	88.6			75 - 125	35
Arsenic	BRL	0.67	2.00	2.04	NC	95.9	101	5.2	93.1			75 - 125	35
Beryllium	BRL	0.27	0.40	0.50	NC	104	103	1.0	93.6			75 - 125	35
Cadmium	BRL	0.33	1.21	1.28	NC	106	106	0.0	97.5			75 - 125	35
Chromium	BRL	0.33	14.6	15.6	6.60	101	103	2.0	95.7			75 - 125	35
Copper	BRL	0.67	21.8	23.9	9.20	94.5	94.1	0.4	94.0			75 - 125	35
Lead	BRL	0.33	15.1	11.9	23.7	98.7	95.4	3.4	97.0			75 - 125	35
Nickel	BRL	0.33	14.2	13.4	5.80	110	110	0.0	90.9			75 - 125	35
Selenium	BRL	1.3	<1.5	<1.4	NC	97.8	100	2.2	92.5			75 - 125	35
Silver	BRL	0.33	<0.37	<0.35	NC	81.8	86.5	5.6	88.6			75 - 125	35
Thallium	BRL	3.0	<3.3	<3.1	NC	103	108	4.7	92.8			75 - 125	35
Zinc	BRL	0.67	40.5	38.4	5.30	102	104	1.9	89.8			75 - 125	35
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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QA/QC Report

December 02, 2021

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 601773 (mg/Kg), QC Sample No: CJ83474 (CJ83473, CJ83474, CJ83475, CJ83476, CJ83477, CJ83478, CJ83479)											
TPH by GC (Extractable Products) - Soil											
Ext. Petroleum H.C. (C9-C36)	ND	50	97	96	1.0	89	111	22.0	60 - 120	30	
% COD (surr)	69	%	90	120	28.6	102	113	10.2	50 - 150	30	
% Terphenyl (surr)	78	%	82	86	4.8	83	96	14.5	50 - 150	30	
Comment:											
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.											
QA/QC Batch 601755 (mg/Kg), QC Sample No: CJ83259 2X (CJ83473, CJ83474, CJ83475, CJ83476)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	84	85	1.2	93	87	6.7	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	92	83	10.3	95	86	9.9	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	95	%	103	85	19.1	92	85	7.9	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	76	%	88	86	2.3	86	78	9.8	30 - 150	30	
% TCMX (Surrogate Rec)	84	%	90	83	8.1	91	85	6.8	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	80	%	90	83	8.1	89	85	4.6	30 - 150	30	
QA/QC Batch 601942 (mg/Kg), QC Sample No: CJ83477 2X (CJ83477, CJ83478, CJ83479)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	0.033	79	78	1.3	86	92	6.7	40 - 140	30	
PCB-1221	ND	0.033							40 - 140	30	
PCB-1232	ND	0.033							40 - 140	30	
PCB-1242	ND	0.033							40 - 140	30	
PCB-1248	ND	0.033							40 - 140	30	
PCB-1254	ND	0.033							40 - 140	30	
PCB-1260	ND	0.033	79	75	5.2	82	81	1.2	40 - 140	30	
PCB-1262	ND	0.033							40 - 140	30	
PCB-1268	ND	0.033							40 - 140	30	
% DCBP (Surrogate Rec)	72	%	83	80	3.7	85	128	40.4	30 - 150	30	r
% DCBP (Surrogate Rec) (Confirm	69	%	79	70	12.1	74	78	5.3	30 - 150	30	
% TCMX (Surrogate Rec)	69	%	75	75	0.0	78	84	7.4	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	68	%	76	76	0.0	77	83	7.5	30 - 150	30	
QA/QC Batch 601767 (mg/Kg), QC Sample No: CJ83473 (CJ83473, CJ83476, CJ83477, CJ83478)											
Polynuclear Aromatic HC - Soil											
2-Methylnaphthalene	ND	0.23	78	76	2.6	70	70	0.0	40 - 140	30	
Acenaphthene	ND	0.23	84	81	3.6	75	78	3.9	30 - 130	30	

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Acenaphthylene	ND	0.23	76	74	2.7	67	71	5.8	40 - 140	30
Anthracene	ND	0.23	87	85	2.3	80	84	4.9	40 - 140	30
Benz(a)anthracene	ND	0.23	90	86	4.5	82	90	9.3	40 - 140	30
Benzo(a)pyrene	ND	0.23	84	81	3.6	78	83	6.2	40 - 140	30
Benzo(b)fluoranthene	ND	0.23	85	86	1.2	79	85	7.3	40 - 140	30
Benzo(ghi)perylene	ND	0.23	98	95	3.1	91	99	8.4	40 - 140	30
Benzo(k)fluoranthene	ND	0.23	80	75	6.5	78	77	1.3	40 - 140	30
Chrysene	ND	0.23	88	82	7.1	79	85	7.3	40 - 140	30
Dibenz(a,h)anthracene	ND	0.23	89	86	3.4	85	92	7.9	40 - 140	30
Fluoranthene	ND	0.23	85	86	1.2	80	82	2.5	40 - 140	30
Fluorene	ND	0.23	84	83	1.2	76	82	7.6	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	0.23	96	90	6.5	89	95	6.5	40 - 140	30
Naphthalene	ND	0.23	79	78	1.3	68	68	0.0	40 - 140	30
Phenanthrene	ND	0.23	86	85	1.2	81	84	3.6	40 - 140	30
Pyrene	ND	0.23	84	85	1.2	81	81	0.0	30 - 130	30
% 2-Fluorobiphenyl	73	%	69	69	0.0	62	64	3.2	30 - 130	30
% Nitrobenzene-d5	66	%	80	80	0.0	69	64	7.5	30 - 130	30
% Terphenyl-d14	82	%	92	91	1.1	85	82	3.6	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 602458 (mg/Kg), QC Sample No: CJ82884 (CJ83473, CJ83476, CJ83477)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	114	122	6.8				70 - 130	30
1,1,1-Trichloroethane	ND	0.005	109	111	1.8				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.003	100	112	11.3				70 - 130	30
1,1,2-Trichloroethane	ND	0.005	97	104	7.0				70 - 130	30
1,1-Dichloroethane	ND	0.005	104	108	3.8				70 - 130	30
1,1-Dichloroethene	ND	0.005	103	111	7.5				70 - 130	30
1,1-Dichloropropene	ND	0.005	104	112	7.4				70 - 130	30
1,2,3-Trichlorobenzene	ND	0.005	95	107	11.9				70 - 130	30
1,2,3-Trichloropropane	ND	0.005	96	106	9.9				70 - 130	30
1,2,4-Trichlorobenzene	ND	0.005	95	106	10.9				70 - 130	30
1,2,4-Trimethylbenzene	ND	0.001	96	104	8.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	0.005	117	133	12.8				70 - 130	30
1,2-Dibromoethane	ND	0.005	97	108	10.7				70 - 130	30
1,2-Dichlorobenzene	ND	0.005	93	100	7.3				70 - 130	30
1,2-Dichloroethane	ND	0.005	104	112	7.4				70 - 130	30
1,2-Dichloropropane	ND	0.005	100	106	5.8				70 - 130	30
1,3,5-Trimethylbenzene	ND	0.001	96	104	8.0				70 - 130	30
1,3-Dichlorobenzene	ND	0.005	94	100	6.2				70 - 130	30
1,3-Dichloropropane	ND	0.005	98	107	8.8				70 - 130	30
1,4-Dichlorobenzene	ND	0.005	94	100	6.2				70 - 130	30
2,2-Dichloropropane	ND	0.005	93	96	3.2				70 - 130	30
2-Chlorotoluene	ND	0.005	98	105	6.9				70 - 130	30
2-Hexanone	ND	0.025	98	111	12.4				70 - 130	30
2-Isopropyltoluene	ND	0.005	96	102	6.1				70 - 130	30
4-Chlorotoluene	ND	0.005	97	105	7.9				70 - 130	30
4-Methyl-2-pentanone	ND	0.025	101	115	13.0				70 - 130	30
Acetone	ND	0.01	100	116	14.8				70 - 130	30
Acrylonitrile	ND	0.005	98	115	16.0				70 - 130	30
Benzene	ND	0.001	100	105	4.9				70 - 130	30

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromobenzene	ND	0.005	96	102	6.1				70 - 130	30	
Bromochloromethane	ND	0.005	102	111	8.5				70 - 130	30	
Bromodichloromethane	ND	0.005	116	128	9.8				70 - 130	30	
Bromoform	ND	0.005	134	150	11.3				70 - 130	30	I
Bromomethane	ND	0.005	137	136	0.7				70 - 130	30	I
Carbon Disulfide	ND	0.005	100	106	5.8				70 - 130	30	
Carbon tetrachloride	ND	0.005	122	127	4.0				70 - 130	30	
Chlorobenzene	ND	0.005	96	101	5.1				70 - 130	30	
Chloroethane	ND	0.005	137	139	1.4				70 - 130	30	I
Chloroform	ND	0.005	103	108	4.7				70 - 130	30	
Chloromethane	ND	0.005	100	106	5.8				70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	101	108	6.7				70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	102	109	6.6				70 - 130	30	
Dibromochloromethane	ND	0.003	128	136	6.1				70 - 130	30	I
Dibromomethane	ND	0.005	103	111	7.5				70 - 130	30	
Dichlorodifluoromethane	ND	0.005	98	103	5.0				70 - 130	30	
Ethylbenzene	ND	0.001	97	104	7.0				70 - 130	30	
Hexachlorobutadiene	ND	0.005	84	97	14.4				70 - 130	30	
Isopropylbenzene	ND	0.001	98	105	6.9				70 - 130	30	
m&p-Xylene	ND	0.002	96	102	6.1				70 - 130	30	
Methyl ethyl ketone	ND	0.005	99	114	14.1				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	102	112	9.3				70 - 130	30	
Methylene chloride	ND	0.005	80	83	3.7				70 - 130	30	
Naphthalene	ND	0.005	96	109	12.7				70 - 130	30	
n-Butylbenzene	ND	0.001	99	110	10.5				70 - 130	30	
n-Propylbenzene	ND	0.001	97	105	7.9				70 - 130	30	
o-Xylene	ND	0.002	94	99	5.2				70 - 130	30	
p-Isopropyltoluene	ND	0.001	96	105	9.0				70 - 130	30	
sec-Butylbenzene	ND	0.001	97	106	8.9				70 - 130	30	
Styrene	ND	0.005	89	95	6.5				70 - 130	30	
tert-Butylbenzene	ND	0.001	96	104	8.0				70 - 130	30	
Tetrachloroethene	ND	0.005	94	105	11.1				70 - 130	30	
Tetrahydrofuran (THF)	ND	0.005	98	110	11.5				70 - 130	30	
Toluene	ND	0.001	97	103	6.0				70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	104	111	6.5				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	101	108	6.7				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	112	127	12.6				70 - 130	30	
Trichloroethene	ND	0.005	97	103	6.0				70 - 130	30	
Trichlorofluoromethane	ND	0.005	123	135	9.3				70 - 130	30	I
Trichlorotrifluoroethane	ND	0.005	89	101	12.6				70 - 130	30	
Vinyl chloride	ND	0.005	104	110	5.6				70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	99	100	1.0				70 - 130	30	
% Bromofluorobenzene	102	%	100	101	1.0				70 - 130	30	
% Dibromofluoromethane	98	%	100	100	0.0				70 - 130	30	
% Toluene-d8	102	%	102	103	1.0				70 - 130	30	

Comment:

The MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 602611 (mg/Kg), QC Sample No: CJ83420 (CJ83474, CJ83475, CJ83478, CJ83479)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	108	107	0.9	101	97	4.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1-Trichloroethane	ND	0.005	114	116	1.7	112	108	3.6	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	115	105	9.1	99	98	1.0	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	106	100	5.8	96	94	2.1	70 - 130	30	
1,1-Dichloroethane	ND	0.005	106	108	1.9	103	102	1.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	110	114	3.6	106	102	3.8	70 - 130	30	
1,1-Dichloropropene	ND	0.005	105	107	1.9	100	94	6.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	105	103	1.9	80	74	7.8	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	121	109	10.4	102	101	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	100	98	2.0	79	74	6.5	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	105	106	0.9	98	91	7.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	124	106	15.7	96	96	0.0	70 - 130	30	
1,2-Dibromoethane	ND	0.005	108	103	4.7	97	94	3.1	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	103	101	2.0	92	86	6.7	70 - 130	30	
1,2-Dichloroethane	ND	0.005	118	112	5.2	107	106	0.9	70 - 130	30	
1,2-Dichloropropane	ND	0.005	101	99	2.0	95	93	2.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	106	108	1.9	100	93	7.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	100	98	2.0	89	83	7.0	70 - 130	30	
1,3-Dichloropropane	ND	0.005	108	104	3.8	99	97	2.0	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	101	101	0.0	91	83	9.2	70 - 130	30	
2,2-Dichloropropane	ND	0.005	111	114	2.7	106	102	3.8	70 - 130	30	
2-Chlorotoluene	ND	0.005	104	105	1.0	97	90	7.5	70 - 130	30	
2-Hexanone	ND	0.025	109	94	14.8	81	83	2.4	70 - 130	30	
2-Isopropyltoluene	ND	0.005	104	106	1.9	99	90	9.5	70 - 130	30	
4-Chlorotoluene	ND	0.005	104	106	1.9	95	90	5.4	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	120	101	17.2	94	92	2.2	70 - 130	30	
Acetone	ND	0.01	120	104	14.3	98	99	1.0	70 - 130	30	
Acrylonitrile	ND	0.005	110	100	9.5	89	90	1.1	70 - 130	30	
Benzene	ND	0.001	101	101	0.0	96	92	4.3	70 - 130	30	
Bromobenzene	ND	0.005	101	103	2.0	95	91	4.3	70 - 130	30	
Bromochloromethane	ND	0.005	108	107	0.9	102	101	1.0	70 - 130	30	
Bromodichloromethane	ND	0.005	112	110	1.8	104	102	1.9	70 - 130	30	
Bromoform	ND	0.005	113	104	8.3	89	91	2.2	70 - 130	30	
Bromomethane	ND	0.005	121	130	7.2	123	116	5.9	70 - 130	30	
Carbon Disulfide	ND	0.005	104	105	1.0	96	93	3.2	70 - 130	30	
Carbon tetrachloride	ND	0.005	118	120	1.7	111	106	4.6	70 - 130	30	
Chlorobenzene	ND	0.005	101	102	1.0	95	90	5.4	70 - 130	30	
Chloroethane	ND	0.005	125	131	4.7	124	122	1.6	70 - 130	30	l
Chloroform	ND	0.005	110	108	1.8	106	103	2.9	70 - 130	30	
Chloromethane	ND	0.005	106	107	0.9	96	92	4.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	104	105	1.0	102	99	3.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	105	103	1.9	95	94	1.1	70 - 130	30	
Dibromochloromethane	ND	0.003	114	109	4.5	101	99	2.0	70 - 130	30	
Dibromomethane	ND	0.005	115	111	3.5	102	100	2.0	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	133	134	0.7	113	107	5.5	70 - 130	30	l
Ethylbenzene	ND	0.001	100	102	2.0	94	89	5.5	70 - 130	30	
Hexachlorobutadiene	ND	0.005	95	99	4.1	76	67	12.6	70 - 130	30	m
Isopropylbenzene	ND	0.001	105	108	2.8	100	94	6.2	70 - 130	30	
m&p-Xylene	ND	0.002	100	102	2.0	95	89	6.5	70 - 130	30	
Methyl ethyl ketone	ND	0.005	115	100	14.0	90	90	0.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	119	109	8.8	108	107	0.9	70 - 130	30	
Methylene chloride	ND	0.005	95	95	0.0	96	94	2.1	70 - 130	30	
Naphthalene	ND	0.005	117	106	9.9	87	84	3.5	70 - 130	30	
n-Butylbenzene	ND	0.001	110	113	2.7	98	88	10.8	70 - 130	30	

QA/QC Data

SDG I.D.: GCJ83473

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
n-Propylbenzene	ND	0.001	104	107	2.8	98	91	7.4	70 - 130	30
o-Xylene	ND	0.002	101	102	1.0	95	91	4.3	70 - 130	30
p-Isopropyltoluene	ND	0.001	106	109	2.8	98	89	9.6	70 - 130	30
sec-Butylbenzene	ND	0.001	106	110	3.7	99	90	9.5	70 - 130	30
Styrene	ND	0.005	86	85	1.2	78	74	5.3	70 - 130	30
tert-Butylbenzene	ND	0.001	105	108	2.8	101	93	8.2	70 - 130	30
Tetrachloroethene	ND	0.005	100	100	0.0	91	86	5.6	70 - 130	30
Tetrahydrofuran (THF)	ND	0.005	117	100	15.7	93	94	1.1	70 - 130	30
Toluene	ND	0.001	102	102	0.0	97	92	5.3	70 - 130	30
trans-1,2-Dichloroethene	ND	0.005	111	111	0.0	106	104	1.9	70 - 130	30
trans-1,3-Dichloropropene	ND	0.005	109	106	2.8	98	95	3.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	0.005	114	105	8.2	90	90	0.0	70 - 130	30
Trichloroethene	ND	0.005	101	100	1.0	94	90	4.3	70 - 130	30
Trichlorofluoromethane	ND	0.005	121	123	1.6	115	110	4.4	70 - 130	30
Trichlorotrifluoroethane	ND	0.005	99	100	1.0	93	86	7.8	70 - 130	30
Vinyl chloride	ND	0.005	116	118	1.7	108	104	3.8	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	102	100	2.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	102	%	102	101	1.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	92	%	96	96	0.0	97	97	0.0	70 - 130	30
% Toluene-d8	96	%	102	101	1.0	101	101	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 02, 2021

Thursday, December 02, 2021

Criteria: RI: Com, GB LEACH, RC

State: RI

Sample Criteria Exceedances Report

GCJ83473 - SAGE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ83476	$8100SMR	Benzo(a)pyrene	RI / Direct Exposure Criteria / Semivolatiles (Com)	1100	280	800	800	ug/Kg
CJ83476	$8100SMR	Benzo(a)pyrene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1100	280	400	400	ug/Kg
CJ83476	$8100SMR	Benzo(b)fluoranthene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1100	280	900	900	ug/Kg
CJ83476	$8100SMR	Benzo(k)fluoranthene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1100	280	900	900	ug/Kg
CJ83476	$8100SMR	Chrysene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1200	280	400	400	ug/Kg
CJ83476	$8100SMR	Benz(a)anthracene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1100	280	900	900	ug/Kg
CJ83476	AS-SM	Arsenic	RI / Direct Exposure Criteria / Inorganics (Com)	29.3	0.84	7	7	mg/Kg
CJ83476	AS-SM	Arsenic	RI / Direct Exposure Criteria / Inorganics (Res)	29.3	0.84	7	7	mg/Kg
CJ83476	BE-SM	Beryllium	RI / Direct Exposure Criteria / Inorganics (Res)	0.84	0.33	0.4	0.4	mg/Kg
CJ83477	$8100SMR	Benzo(a)pyrene	RI / Direct Exposure Criteria / Semivolatiles (Com)	2200	270	800	800	ug/Kg
CJ83477	$8100SMR	Benzo(a)pyrene	RI / Direct Exposure Criteria / Semivolatiles (Res)	2200	270	400	400	ug/Kg
CJ83477	$8100SMR	Benzo(b)fluoranthene	RI / Direct Exposure Criteria / Semivolatiles (Res)	2500	270	900	900	ug/Kg
CJ83477	$8100SMR	Benzo(ghi)perylene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1200	270	800	800	ug/Kg
CJ83477	$8100SMR	Benzo(k)fluoranthene	RI / Direct Exposure Criteria / Semivolatiles (Res)	2000	270	900	900	ug/Kg
CJ83477	$8100SMR	Chrysene	RI / Direct Exposure Criteria / Semivolatiles (Res)	2600	270	400	400	ug/Kg
CJ83477	$8100SMR	Indeno(1,2,3-cd)pyrene	RI / Direct Exposure Criteria / Semivolatiles (Res)	1500	270	900	900	ug/Kg
CJ83477	$8100SMR	Benz(a)anthracene	RI / Direct Exposure Criteria / Semivolatiles (Res)	2400	270	900	900	ug/Kg
CJ83477	AS-SM	Arsenic	RI / Direct Exposure Criteria / Inorganics (Com)	8.01	0.79	7	7	mg/Kg
CJ83477	AS-SM	Arsenic	RI / Direct Exposure Criteria / Inorganics (Res)	8.01	0.79	7	7	mg/Kg
CJ83477	BE-SM	Beryllium	RI / Direct Exposure Criteria / Inorganics (Res)	0.71	0.32	0.4	0.4	mg/Kg
CJ83478	BE-SM	Beryllium	RI / Direct Exposure Criteria / Inorganics (Res)	0.51	0.29	0.4	0.4	mg/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Comments

December 02, 2021 SDG I.D.: GCJ83473

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM06 11/22/21-2: CJ83473, CJ83476, CJ83477, CJ83478

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Continuing Calibration compounds did not meet recommended response factors: Acenaphthene 0.839 (0.9)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM18 11/30/21-1: CJ83474, CJ83475, CJ83478, CJ83479

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 21% (20%), Styrene 30% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM26 11/29/21-1: CJ83473, CJ83476, CJ83477

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 26% (20%), Bromoform 35% (20%), Carbon tetrachloride 21% (20%), Dibromochloromethane 24% (20%), Methylene chloride 33% (20%), trans-1,4-dichloro-2-butene 32% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Bromoform 0.071 (0.1), Tetrachloroethene 0.179 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Bromoform 39%H (30%), Bromomethane 38%H (30%), Chloroethane 38%H (30%), Dibromochloromethane 33%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.7 °C Pg of

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone:
[ ] Email:

Customer: SAGE ENVIRONMENTAL
Address: 172 ARMISTICE BLVD
PAWTUCKET, RI 02860

Project: 53977
Report to: data@sage-enviro.com
Invoice to:
QUOTE #

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample Information - Identification

Sampler's Signature: [signature] Date: 11/19/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	8 RCRA Metals	PCBs	TPH	PAHs	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [2] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
83473	SE-101(0'-2')	S	11/19/21	9:00	X	X	X	X	X							X	X						
83474	SE-101(10'-15')	↓	↓	9:30	X		X	X								↓	↓						
83475	SE-102(10'-15')			10:30	X		X	X															
83476	SE-103(0'-2')			11:30	X	X	X	X	X														
83477	SE-104(0'-2')			12:30	X	X	X	X	X														
83478	SE-105(0'-2')			13:30	X	X	X	X	X														
83479	SE-105(10'-15')	↓	↓	14:00	X		X	X								↓	↓						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11-22-21	9:10
[signature]	[signature]	11/22	1526

Comments, Special Requirements or Regulations:

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] Standard
[ ] Other
*** SURCHARGE APPLIES**

RI
[X] (Residential) Direct Exposure
[X] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[X] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[ ] RCP Cert
[ ] GW Protection
[ ] SW Protection
[ ] GA Mobility
[ ] GB Mobility
[ ] Residential DEC
[ ] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: RI

Data Format
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[ ] Phoenix Std Report
[ ] Other

*** SURCHARGE APPLIES**

New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1K23025
Client Project: S3977 - 1144 Eddy St, Providence, RI

Report Date: 01-December-2021

Prepared for:

Cathy Racine
SAGE Environmental
172 Armistice Blvd
Pawtucket, RI 02860

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/23/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1K23025. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1K23025-01	SE-101 (MW)	Water	11/22/2021	11/23/2021
1K23025-02	SE-102 (MW)	Water	11/22/2021	11/23/2021
1K23025-03	SE-105 (MW)	Water	11/22/2021	11/23/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

SE-101 (MW) (Lab Number: 1K23025-01)

Analysis	Method
Volatile Organic Compounds	EPA 8260C

SE-102 (MW) (Lab Number: 1K23025-02)

Analysis	Method
Volatile Organic Compounds	EPA 8260C

SE-105 (MW) (Lab Number: 1K23025-03)

Analysis	Method
Volatile Organic Compounds	EPA 8260C

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: Volatile Organic Compounds

Sample: SE-101 (MW)

Lab Number: 1K23025-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	11/24/21	11/24/21
Benzene	ND		1	ug/l	11/24/21	11/24/21
Bromobenzene	ND		1	ug/l	11/24/21	11/24/21
Bromochloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromodichloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromoform	ND		1	ug/l	11/24/21	11/24/21
Bromomethane	ND		1	ug/l	11/24/21	11/24/21
2-Butanone	ND		5	ug/l	11/24/21	11/24/21
tert-Butyl alcohol	ND		5	ug/l	11/24/21	11/24/21
sec-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
n-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
tert-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
Methyl t-butyl ether (MTBE)	ND		1	ug/l	11/24/21	11/24/21
Carbon Disulfide	ND		1	ug/l	11/24/21	11/24/21
Carbon Tetrachloride	ND		1	ug/l	11/24/21	11/24/21
Chlorobenzene	ND		1	ug/l	11/24/21	11/24/21
Chloroethane	ND		1	ug/l	11/24/21	11/24/21
Chloroform	**2**		1	ug/l	11/24/21	11/24/21
Chloromethane	ND		1	ug/l	11/24/21	11/24/21
4-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
2-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/24/21	11/24/21
Dibromochloromethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/24/21	11/24/21
Dibromomethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,4-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
trans-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
cis-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethene	**6**		1	ug/l	11/24/21	11/24/21
1,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
2,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
cis-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
trans-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/24/21	11/24/21
Diethyl ether	ND		5	ug/l	11/24/21	11/24/21
1,4-Dioxane	ND		500	ug/l	11/24/21	11/24/21
Ethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Hexachlorobutadiene	ND		1	ug/l	11/24/21	11/24/21
2-Hexanone	ND		5	ug/l	11/24/21	11/24/21
Isopropylbenzene	ND		1	ug/l	11/24/21	11/24/21
p-Isopropyltoluene	ND		1	ug/l	11/24/21	11/24/21
Methylene Chloride	ND		1	ug/l	11/24/21	11/24/21
4-Methyl-2-pentanone	ND		5	ug/l	11/24/21	11/24/21

Results: Volatile Organic Compounds (Continued)

Sample: SE-101 (MW) (Continued)

Lab Number: 1K23025-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/24/21	11/24/21
n-Propylbenzene	ND		1	ug/l	11/24/21	11/24/21
Styrene	ND		1	ug/l	11/24/21	11/24/21
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
Tetrachloroethene	ND		1	ug/l	11/24/21	11/24/21
Tetrahydrofuran	ND		5	ug/l	11/24/21	11/24/21
Toluene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,3-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1,2-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,1,1-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
Trichloroethene	**9**		1	ug/l	11/24/21	11/24/21
1,2,3-Trichloropropane	ND		1	ug/l	11/24/21	11/24/21
1,3,5-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Vinyl Chloride	ND		1	ug/l	11/24/21	11/24/21
o-Xylene	ND		1	ug/l	11/24/21	11/24/21
m&p-Xylene	ND		2	ug/l	11/24/21	11/24/21
Total xylenes	ND		1	ug/l	11/24/21	11/24/21
1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl methyl ether	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
Ethyl tert-butyl ether	ND		1	ug/l	11/24/21	11/24/21
Diisopropyl ether	ND		1	ug/l	11/24/21	11/24/21
Trichlorofluoromethane	ND		1	ug/l	11/24/21	11/24/21
Dichlorodifluoromethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl Alcohol	ND		5	ug/l	11/24/21	11/24/21

Surrogate(s)	Recovery%	Limits		
4-Bromofluorobenzene	*94.4%*	*70-130*	11/24/21	11/24/21
1,2-Dichloroethane-d4	*99.0%*	*70-130*	11/24/21	11/24/21
Toluene-d8	*102%*	*70-130*	11/24/21	11/24/21

Results: Volatile Organic Compounds

Sample: SE-102 (MW)

Lab Number: 1K23025-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	11/24/21	11/24/21
Benzene	ND		1	ug/l	11/24/21	11/24/21
Bromobenzene	ND		1	ug/l	11/24/21	11/24/21
Bromochloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromodichloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromoform	ND		1	ug/l	11/24/21	11/24/21
Bromomethane	ND		1	ug/l	11/24/21	11/24/21
2-Butanone	ND		5	ug/l	11/24/21	11/24/21
tert-Butyl alcohol	ND		5	ug/l	11/24/21	11/24/21
sec-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
n-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
tert-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
Methyl t-butyl ether (MTBE)	ND		1	ug/l	11/24/21	11/24/21
Carbon Disulfide	ND		1	ug/l	11/24/21	11/24/21
Carbon Tetrachloride	ND		1	ug/l	11/24/21	11/24/21
Chlorobenzene	ND		1	ug/l	11/24/21	11/24/21
Chloroethane	ND		1	ug/l	11/24/21	11/24/21
Chloroform	ND		1	ug/l	11/24/21	11/24/21
Chloromethane	ND		1	ug/l	11/24/21	11/24/21
4-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
2-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/24/21	11/24/21
Dibromochloromethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/24/21	11/24/21
Dibromomethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,4-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
trans-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
cis-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
2,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
cis-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
trans-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/24/21	11/24/21
Diethyl ether	ND		5	ug/l	11/24/21	11/24/21
1,4-Dioxane	ND		500	ug/l	11/24/21	11/24/21
Ethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Hexachlorobutadiene	ND		1	ug/l	11/24/21	11/24/21
2-Hexanone	ND		5	ug/l	11/24/21	11/24/21
Isopropylbenzene	ND		1	ug/l	11/24/21	11/24/21
p-Isopropyltoluene	ND		1	ug/l	11/24/21	11/24/21
Methylene Chloride	ND		1	ug/l	11/24/21	11/24/21
4-Methyl-2-pentanone	ND		5	ug/l	11/24/21	11/24/21

Results: Volatile Organic Compounds (Continued)

Sample: SE-102 (MW) (Continued)

Lab Number: 1K23025-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/24/21	11/24/21
n-Propylbenzene	ND		1	ug/l	11/24/21	11/24/21
Styrene	ND		1	ug/l	11/24/21	11/24/21
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
Tetrachloroethene	**1**		1	ug/l	11/24/21	11/24/21
Tetrahydrofuran	ND		5	ug/l	11/24/21	11/24/21
Toluene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,3-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1,2-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,1,1-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
Trichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,2,3-Trichloropropane	ND		1	ug/l	11/24/21	11/24/21
1,3,5-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Vinyl Chloride	ND		1	ug/l	11/24/21	11/24/21
o-Xylene	ND		1	ug/l	11/24/21	11/24/21
m&p-Xylene	ND		2	ug/l	11/24/21	11/24/21
Total xylenes	ND		1	ug/l	11/24/21	11/24/21
1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl methyl ether	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
Ethyl tert-butyl ether	ND		1	ug/l	11/24/21	11/24/21
Diisopropyl ether	ND		1	ug/l	11/24/21	11/24/21
Trichlorofluoromethane	ND		1	ug/l	11/24/21	11/24/21
Dichlorodifluoromethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl Alcohol	ND		5	ug/l	11/24/21	11/24/21

Surrogate(s)	Recovery%	Limits		
4-Bromofluorobenzene	*94.8%*	*70-130*	11/24/21	11/24/21
1,2-Dichloroethane-d4	*98.0%*	*70-130*	11/24/21	11/24/21
Toluene-d8	*102%*	*70-130*	11/24/21	11/24/21

Results: Volatile Organic Compounds

Sample: SE-105 (MW)

Lab Number: 1K23025-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	11/24/21	11/24/21
Benzene	ND		1	ug/l	11/24/21	11/24/21
Bromobenzene	ND		1	ug/l	11/24/21	11/24/21
Bromochloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromodichloromethane	ND		1	ug/l	11/24/21	11/24/21
Bromoform	ND		1	ug/l	11/24/21	11/24/21
Bromomethane	ND		1	ug/l	11/24/21	11/24/21
2-Butanone	ND		5	ug/l	11/24/21	11/24/21
tert-Butyl alcohol	ND		5	ug/l	11/24/21	11/24/21
sec-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
n-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
tert-Butylbenzene	ND		1	ug/l	11/24/21	11/24/21
Methyl t-butyl ether (MTBE)	ND		1	ug/l	11/24/21	11/24/21
Carbon Disulfide	ND		1	ug/l	11/24/21	11/24/21
Carbon Tetrachloride	ND		1	ug/l	11/24/21	11/24/21
Chlorobenzene	ND		1	ug/l	11/24/21	11/24/21
Chloroethane	ND		1	ug/l	11/24/21	11/24/21
Chloroform	ND		1	ug/l	11/24/21	11/24/21
Chloromethane	ND		1	ug/l	11/24/21	11/24/21
4-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
2-Chlorotoluene	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	11/24/21	11/24/21
Dibromochloromethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dibromoethane (EDB)	ND		1	ug/l	11/24/21	11/24/21
Dibromomethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,4-Dichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichloroethane	ND		1	ug/l	11/24/21	11/24/21
trans-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
cis-1,2-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloroethene	ND		1	ug/l	11/24/21	11/24/21
1,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
2,2-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
cis-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
trans-1,3-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,1-Dichloropropene	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	11/24/21	11/24/21
Diethyl ether	ND		5	ug/l	11/24/21	11/24/21
1,4-Dioxane	ND		500	ug/l	11/24/21	11/24/21
Ethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Hexachlorobutadiene	ND		1	ug/l	11/24/21	11/24/21
2-Hexanone	ND		5	ug/l	11/24/21	11/24/21
Isopropylbenzene	ND		1	ug/l	11/24/21	11/24/21
p-Isopropyltoluene	ND		1	ug/l	11/24/21	11/24/21
Methylene Chloride	ND		1	ug/l	11/24/21	11/24/21
4-Methyl-2-pentanone	ND		5	ug/l	11/24/21	11/24/21

Results: Volatile Organic Compounds (Continued)

Sample: SE-105 (MW) (Continued)

Lab Number: 1K23025-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	11/24/21	11/24/21
n-Propylbenzene	ND		1	ug/l	11/24/21	11/24/21
Styrene	ND		1	ug/l	11/24/21	11/24/21
1,1,1,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
Tetrachloroethene	ND		1	ug/l	11/24/21	11/24/21
Tetrahydrofuran	ND		5	ug/l	11/24/21	11/24/21
Toluene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,3-Trichlorobenzene	ND		1	ug/l	11/24/21	11/24/21
1,1,2-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
1,1,1-Trichloroethane	ND		1	ug/l	11/24/21	11/24/21
Trichloroethene	**4**		1	ug/l	11/24/21	11/24/21
1,2,3-Trichloropropane	ND		1	ug/l	11/24/21	11/24/21
1,3,5-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
1,2,4-Trimethylbenzene	ND		1	ug/l	11/24/21	11/24/21
Vinyl Chloride	ND		1	ug/l	11/24/21	11/24/21
o-Xylene	ND		1	ug/l	11/24/21	11/24/21
m&p-Xylene	ND		2	ug/l	11/24/21	11/24/21
Total xylenes	ND		1	ug/l	11/24/21	11/24/21
1,1,2,2-Tetrachloroethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl methyl ether	ND		1	ug/l	11/24/21	11/24/21
1,3-Dichloropropane	ND		1	ug/l	11/24/21	11/24/21
Ethyl tert-butyl ether	ND		1	ug/l	11/24/21	11/24/21
Diisopropyl ether	ND		1	ug/l	11/24/21	11/24/21
Trichlorofluoromethane	ND		1	ug/l	11/24/21	11/24/21
Dichlorodifluoromethane	ND		1	ug/l	11/24/21	11/24/21
tert-Amyl Alcohol	ND		5	ug/l	11/24/21	11/24/21

Surrogate(s)	Recovery%	Limits		
4-Bromofluorobenzene	*91.4%*	*70-130*	11/24/21	11/24/21
1,2-Dichloroethane-d4	*98.9%*	*70-130*	11/24/21	11/24/21
Toluene-d8	*101%*	*70-130*	11/24/21	11/24/21

Quality Control

Volatile Organic Compounds

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K1217 - Purge-Trap										
Blank (B1K1217-BLK1)					Prepared & Analyzed: 11/24/21					
Acetone	ND		5	ug/l						
Benzene	ND		1	ug/l						
Bromobenzene	ND		1	ug/l						
Bromochloromethane	ND		1	ug/l						
Bromodichloromethane	ND		1	ug/l						
Bromoform	ND		1	ug/l						
Bromomethane	ND		1	ug/l						
2-Butanone	ND		5	ug/l						
tert-Butyl alcohol	ND		5	ug/l						
sec-Butylbenzene	ND		1	ug/l						
n-Butylbenzene	ND		1	ug/l						
tert-Butylbenzene	ND		1	ug/l						
Methyl t-butyl ether (MTBE)	ND		1	ug/l						
Carbon Disulfide	ND		1	ug/l						
Carbon Tetrachloride	ND		1	ug/l						
Chlorobenzene	ND		1	ug/l						
Chloroethane	ND		1	ug/l						
Chloroform	ND		1	ug/l						
Chloromethane	ND		1	ug/l						
4-Chlorotoluene	ND		1	ug/l						
2-Chlorotoluene	ND		1	ug/l						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l						
Dibromochloromethane	ND		1	ug/l						
1,2-Dibromoethane (EDB)	ND		1	ug/l						
Dibromomethane	ND		1	ug/l						
1,2-Dichlorobenzene	ND		1	ug/l						
1,3-Dichlorobenzene	ND		1	ug/l						
1,4-Dichlorobenzene	ND		1	ug/l						
1,1-Dichloroethane	ND		1	ug/l						
1,2-Dichloroethane	ND		1	ug/l						
trans-1,2-Dichloroethene	ND		1	ug/l						
cis-1,2-Dichloroethene	ND		1	ug/l						
1,1-Dichloroethene	ND		1	ug/l						
1,2-Dichloropropane	ND		1	ug/l						
2,2-Dichloropropane	ND		1	ug/l						
cis-1,3-Dichloropropene	ND		1	ug/l						
trans-1,3-Dichloropropene	ND		1	ug/l						
1,1-Dichloropropene	ND		1	ug/l						
1,3-Dichloropropene (cis + trans)	ND		2	ug/l						
Diethyl ether	ND		5	ug/l						
1,4-Dioxane	ND		500	ug/l						
Ethylbenzene	ND		1	ug/l						
Hexachlorobutadiene	ND		1	ug/l						
2-Hexanone	ND		5	ug/l						
Isopropylbenzene	ND		1	ug/l						
p-Isopropyltoluene	ND		1	ug/l						
Methylene Chloride	ND		1	ug/l						
4-Methyl-2-pentanone	ND		5	ug/l						
Naphthalene	ND		1	ug/l						
n-Propylbenzene	ND		1	ug/l						
Styrene	ND		1	ug/l						
1,1,1,2-Tetrachloroethane	ND		1	ug/l						
Tetrachloroethene	ND		1	ug/l						
Tetrahydrofuran	ND		5	ug/l						

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K1217 - Purge-Trap (Continued)										
Blank (B1K1217-BLK1)					Prepared & Analyzed: 11/24/21					
Toluene	ND		1	ug/l						
1,2,4-Trichlorobenzene	ND		1	ug/l						
1,2,3-Trichlorobenzene	ND		1	ug/l						
1,1,2-Trichloroethane	ND		1	ug/l						
1,1,1-Trichloroethane	ND		1	ug/l						
Trichloroethene	ND		1	ug/l						
1,2,3-Trichloropropane	ND		1	ug/l						
1,3,5-Trimethylbenzene	ND		1	ug/l						
1,2,4-Trimethylbenzene	ND		1	ug/l						
Vinyl Chloride	ND		1	ug/l						
o-Xylene	ND		1	ug/l						
m&p-Xylene	ND		2	ug/l						
Total xylenes	ND		1	ug/l						
1,1,2,2-Tetrachloroethane	ND		1	ug/l						
tert-Amyl methyl ether	ND		1	ug/l						
1,3-Dichloropropane	ND		1	ug/l						
Ethyl tert-butyl ether	ND		1	ug/l						
Diisopropyl ether	ND		1	ug/l						
Trichlorofluoromethane	ND		1	ug/l						
Dichlorodifluoromethane	ND		1	ug/l						
tert-Amyl Alcohol	ND		5	ug/l						
Surrogate: 4-Bromofluorobenzene			*45.4*	ug/l	*50.0*		*90.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*47.1*	ug/l	*50.0*		*94.2*	*70-130*		
Surrogate: Toluene-d8			*50.6*	ug/l	*50.0*		*101*	*70-130*		
LCS (B1K1217-BS1)					Prepared & Analyzed: 11/24/21					
Acetone	39			ug/l	50.0		77.2	60-140		
Benzene	51			ug/l	50.0		102	70-130		
Bromobenzene	52			ug/l	50.0		104	70-130		
Bromochloromethane	56			ug/l	50.0		112	70-130		
Bromodichloromethane	54			ug/l	50.0		108	70-130		
Bromoform	58			ug/l	50.0		115	70-130		
Bromomethane	65			ug/l	50.0		130	70-130		
2-Butanone	42			ug/l	50.0		84.4	60-140		
tert-Butyl alcohol	42			ug/l	50.0		83.9	70-130		
sec-Butylbenzene	50			ug/l	50.0		100	70-130		
n-Butylbenzene	50			ug/l	50.0		100	70-130		
tert-Butylbenzene	58			ug/l	50.0		116	70-130		
Methyl t-butyl ether (MTBE)	47			ug/l	50.0		94.4	70-130		
Carbon Disulfide	17			ug/l	50.0		34.1	50-150		
Carbon Tetrachloride	51			ug/l	50.0		102	70-130		
Chlorobenzene	55			ug/l	50.0		110	70-130		
Chloroethane	56			ug/l	50.0		113	70-130		
Chloroform	46			ug/l	50.0		92.8	70-130		
Chloromethane	60			ug/l	50.0		120	70-130		
4-Chlorotoluene	52			ug/l	50.0		105	70-130		
2-Chlorotoluene	52			ug/l	50.0		104	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/l	50.0		87.9	70-130		
Dibromochloromethane	55			ug/l	50.0		110	70-130		
1,2-Dibromoethane (EDB)	56			ug/l	50.0		111	70-130		
Dibromomethane	55			ug/l	50.0		111	70-130		
1,2-Dichlorobenzene	51			ug/l	50.0		103	70-130		
1,3-Dichlorobenzene	54			ug/l	50.0		108	70-130		
1,4-Dichlorobenzene	51			ug/l	50.0		102	70-130		
1,1-Dichloroethane	43			ug/l	50.0		85.7	70-130		
1,2-Dichloroethane	47			ug/l	50.0		93.3	70-130		
trans-1,2-Dichloroethene	47			ug/l	50.0		93.6	70-130		

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K1217 - Purge-Trap (Continued)										
LCS (B1K1217-BS1)					Prepared & Analyzed: 11/24/21					
cis-1,2-Dichloroethene	48			ug/l	50.0		95.1	70-130		
1,1-Dichloroethene	51			ug/l	50.0		103	70-130		
1,2-Dichloropropane	51			ug/l	50.0		103	70-130		
2,2-Dichloropropane	48			ug/l	50.0		97.0	70-130		
cis-1,3-Dichloropropene	53			ug/l	50.0		106	70-130		
trans-1,3-Dichloropropene	53			ug/l	50.0		107	70-130		
1,1-Dichloropropene	55			ug/l	50.0		109	70-130		
Diethyl ether	38			ug/l	50.0		76.7	70-130		
1,4-Dioxane	274			ug/l	250		109	50-150		
Ethylbenzene	51			ug/l	50.0		102	70-130		
Hexachlorobutadiene	46			ug/l	50.0		91.2	70-130		
2-Hexanone	50			ug/l	50.0		99.7	70-130		
Isopropylbenzene	56			ug/l	50.0		112	70-130		
p-Isopropyltoluene	56			ug/l	50.0		113	70-130		
Methylene Chloride	52			ug/l	50.0		105	70-130		
4-Methyl-2-pentanone	52			ug/l	50.0		104	70-130		
Naphthalene	38			ug/l	50.0		75.8	70-130		
n-Propylbenzene	54			ug/l	50.0		108	70-130		
Styrene	55			ug/l	50.0		110	70-130		
1,1,1,2-Tetrachloroethane	52			ug/l	50.0		105	70-130		
Tetrachloroethene	55			ug/l	50.0		110	70-130		
Tetrahydrofuran	52			ug/l	50.0		105	50-150		
Toluene	49			ug/l	50.0		97.6	70-130		
1,2,4-Trichlorobenzene	46			ug/l	50.0		92.6	70-130		
1,2,3-Trichlorobenzene	36			ug/l	50.0		72.6	70-130		
1,1,2-Trichloroethane	53			ug/l	50.0		106	70-130		
1,1,1-Trichloroethane	50			ug/l	50.0		100	70-130		
Trichloroethene	47			ug/l	50.0		94.7	70-130		
1,2,3-Trichloropropane	47			ug/l	50.0		94.8	70-130		
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130		
1,2,4-Trimethylbenzene	54			ug/l	50.0		107	70-130		
Vinyl Chloride	65			ug/l	50.0		129	70-130		
o-Xylene	55			ug/l	50.0		110	70-130		
m&p-Xylene	110			ug/l	100		110	70-130		
1,1,2,2-Tetrachloroethane	48			ug/l	50.0		96.9	70-130		
tert-Amyl methyl ether	59			ug/l	50.0		118	70-130		
1,3-Dichloropropane	52			ug/l	50.0		104	70-130		
Ethyl tert-butyl ether	50			ug/l	50.0		100	70-130		
Trichlorofluoromethane	64			ug/l	50.0		128	70-130		
Dichlorodifluoromethane	87			ug/l	50.0		174	70-130		
Surrogate: 4-Bromofluorobenzene			*49.5*	ug/l	*50.0*		*99.1*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*49.8*	ug/l	*50.0*		*99.6*	*70-130*		
Surrogate: Toluene-d8			*50.2*	ug/l	*50.0*		*100*	*70-130*		

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K1217 - Purge-Trap (Continued)										
LCS Dup (B1K1217-BSD1)					Prepared & Analyzed: 11/24/21					
Acetone	36			ug/l	50.0		71.2	60-140	8.08	20
Benzene	47			ug/l	50.0		94.9	70-130	7.52	20
Bromobenzene	51			ug/l	50.0		102	70-130	1.15	20
Bromochloromethane	50			ug/l	50.0		99.7	70-130	11.7	20
Bromodichloromethane	50			ug/l	50.0		100	70-130	7.09	20
Bromoform	58			ug/l	50.0		116	70-130	0.691	20
Bromomethane	71			ug/l	50.0		142	70-130	9.01	20
2-Butanone	40			ug/l	50.0		80.4	60-140	4.93	20
tert-Butyl alcohol	36			ug/l	50.0		71.7	70-130	15.7	20
sec-Butylbenzene	48			ug/l	50.0		96.9	70-130	3.21	20
n-Butylbenzene	50			ug/l	50.0		99.6	70-130	0.601	20
tert-Butylbenzene	55			ug/l	50.0		110	70-130	5.17	20
Methyl t-butyl ether (MTBE)	47			ug/l	50.0		93.0	70-130	1.45	20
Carbon Disulfide	16			ug/l	50.0		31.1	50-150	9.33	20
Carbon Tetrachloride	48			ug/l	50.0		96.5	70-130	5.95	20
Chlorobenzene	55			ug/l	50.0		110	70-130	0.509	20
Chloroethane	51			ug/l	50.0		102	70-130	10.1	20
Chloroform	46			ug/l	50.0		91.0	70-130	2.00	20
Chloromethane	55			ug/l	50.0		110	70-130	8.90	20
4-Chlorotoluene	51			ug/l	50.0		102	70-130	2.95	20
2-Chlorotoluene	49			ug/l	50.0		98.3	70-130	6.06	20
1,2-Dibromo-3-chloropropane (DBCP)	47			ug/l	50.0		94.0	70-130	6.79	20
Dibromochloromethane	56			ug/l	50.0		111	70-130	0.958	20
1,2-Dibromoethane (EDB)	54			ug/l	50.0		108	70-130	2.66	20
Dibromomethane	52			ug/l	50.0		104	70-130	5.80	20
1,2-Dichlorobenzene	52			ug/l	50.0		104	70-130	1.03	20
1,3-Dichlorobenzene	53			ug/l	50.0		105	70-130	2.79	20
1,4-Dichlorobenzene	50			ug/l	50.0		101	70-130	1.03	20
1,1-Dichloroethane	41			ug/l	50.0		81.3	70-130	5.34	20
1,2-Dichloroethane	45			ug/l	50.0		89.5	70-130	4.18	20
trans-1,2-Dichloroethene	44			ug/l	50.0		88.6	70-130	5.51	20
cis-1,2-Dichloroethene	47			ug/l	50.0		94.6	70-130	0.506	20
1,1-Dichloroethene	49			ug/l	50.0		97.9	70-130	4.83	20
1,2-Dichloropropane	49			ug/l	50.0		98.4	70-130	4.20	20
2,2-Dichloropropane	46			ug/l	50.0		91.4	70-130	5.92	20
cis-1,3-Dichloropropene	50			ug/l	50.0		100	70-130	5.20	20
trans-1,3-Dichloropropene	53			ug/l	50.0		107	70-130	0.0561	20
1,1-Dichloropropene	52			ug/l	50.0		103	70-130	5.33	20
Diethyl ether	42			ug/l	50.0		83.4	70-130	8.27	20
1,4-Dioxane	278			ug/l	250		111	50-150	1.40	20
Ethylbenzene	50			ug/l	50.0		99.2	70-130	2.43	20
Hexachlorobutadiene	46			ug/l	50.0		92.0	70-130	0.874	20
2-Hexanone	46			ug/l	50.0		91.9	70-130	8.10	20
Isopropylbenzene	54			ug/l	50.0		108	70-130	3.23	20
p-Isopropyltoluene	55			ug/l	50.0		110	70-130	2.55	20
Methylene Chloride	49			ug/l	50.0		97.3	70-130	7.21	20
4-Methyl-2-pentanone	51			ug/l	50.0		102	70-130	2.64	20
Naphthalene	41			ug/l	50.0		81.9	70-130	7.78	20
n-Propylbenzene	52			ug/l	50.0		103	70-130	4.43	20
Styrene	53			ug/l	50.0		106	70-130	3.24	20
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		109	70-130	3.96	20
Tetrachloroethene	53			ug/l	50.0		107	70-130	2.89	20
Tetrahydrofuran	51			ug/l	50.0		103	50-150	1.64	20
Toluene	46			ug/l	50.0		92.1	70-130	5.76	20
1,2,4-Trichlorobenzene	48			ug/l	50.0		96.5	70-130	4.06	20
1,2,3-Trichlorobenzene	37			ug/l	50.0		74.2	70-130	2.15	20
1,1,2-Trichloroethane	50			ug/l	50.0		99.6	70-130	6.38	20

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K1217 - Purge-Trap (Continued)										
LCS Dup (B1K1217-BSD1)					Prepared & Analyzed: 11/24/21					
1,1,1-Trichloroethane	49			ug/l	50.0		98.5	70-130	1.73	20
Trichloroethene	47			ug/l	50.0		93.6	70-130	1.21	20
1,2,3-Trichloropropane	48			ug/l	50.0		97.0	70-130	2.25	20
1,3,5-Trimethylbenzene	53			ug/l	50.0		105	70-130	0.643	20
1,2,4-Trimethylbenzene	52			ug/l	50.0		105	70-130	2.43	20
Vinyl Chloride	60			ug/l	50.0		121	70-130	6.73	20
o-Xylene	54			ug/l	50.0		109	70-130	1.42	20
m&p-Xylene	107			ug/l	100		107	70-130	2.52	20
1,1,2,2-Tetrachloroethane	48			ug/l	50.0		96.3	70-130	0.621	20
tert-Amyl methyl ether	58			ug/l	50.0		116	70-130	1.81	20
1,3-Dichloropropane	50			ug/l	50.0		100	70-130	3.35	20
Ethyl tert-butyl ether	46			ug/l	50.0		91.3	70-130	9.22	20
Trichlorofluoromethane	60			ug/l	50.0		120	70-130	6.53	20
Dichlorodifluoromethane	78			ug/l	50.0		157	70-130	10.6	20
Surrogate: 4-Bromofluorobenzene			*47.6*	ug/l	*50.0*		*95.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*53.9*	ug/l	*50.0*		*108*	*70-130*		
Surrogate: Toluene-d8			*48.1*	ug/l	*50.0*		*96.3*	*70-130*		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

NEW ENGLAND TESTING LABORATORY, INC.
59 Greenhill Street
West Warwick, RI 02893
1-888-863-8522

1 K 2 3025 >

CHAIN OF CUSTODY RECORD

PROJ. NO.: 53977
PROJECT NAME/LOCATION: 1144 Eddy St, Providence RI
CLIENT: SAGE Environmental
REPORT TO: sage@sage-enviro.com
INVOICE TO: SAGE

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS** VOC's	REMARKS
11/22	14:58		X	SE-101 (MW)	X			3***	HCl	X	
↓	15:05		↓	SE-102 (MW)	↓			↓***	↓	↓	
↓	15:10		↓	SE-105 (MW)	↓			↓***	↓	↓	

	Date/Time		Date/Time		
Sampled by: (Signature) Michael V Podany	16:25 | 11/22/21	Received by: (Signature)		Laboratory Remarks:	Special Instructions. List Specific Detection Limit Requirements:
Relinquished by: (Signature) Cathryn A Renna	11/23/21 | 11:11	Received by: (Signature)	11/23 | 1111	Temp. received: 4	
Relinquished by: (Signature)	11/23 | 1530	Received for Laboratory by: (Signature)	11/23 | 1530	Cooled ☒	Turnaround (Business Days)

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

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PHOENIX
Environmental Laboratories, Inc.

Wednesday, December 01, 2021

Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Project ID: **S3977**
SDG ID: **GCJ85468**
Sample ID#s: CJ85468 - CJ85471

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

December 01, 2021

SDG I.D.: GCJ85468

Project ID: S3977

Client Id	Lab Id	Matrix
SE-SG-103	CJ85468	AIR
SE-SG-105	CJ85469	AIR
SE-SG-101	CJ85470	AIR
SE-SG-102	CJ85471	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 01, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MVP	11/22/21	14:45
Location Code:	SAGE	Received by:	CP	11/24/21	14:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28607				

Laboratory Data

SDG ID: GCJ85468
Phoenix ID: CJ85468

Project ID: S3977
Client ID: SE-SG-103

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/24/21	KCA	5
1,1,1-Trichloroethane	58.2	*2.50*	317	*13.6*	11/24/21	KCA	5
1,1,2,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/24/21	KCA	5
1,1,2-Trichloroethane	ND	*2.50*	ND	*13.6*	11/24/21	KCA	5
1,1-Dichloroethane	48.8	*2.50*	197	*10.1*	11/24/21	KCA	5
1,1-Dichloroethene	ND	*2.50*	ND	*9.9*	11/24/21	KCA	5
1,2,4-Trichlorobenzene	ND	*2.50*	ND	*18.5*	11/24/21	KCA	5
1,2,4-Trimethylbenzene	42.7	*2.50*	210	*12.3*	11/24/21	KCA	5
1,2-Dibromoethane(EDB)	ND	*2.50*	ND	*19.2*	11/24/21	KCA	5
1,2-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/24/21	KCA	5
1,2-Dichloroethane	ND	*2.50*	ND	*10.1*	11/24/21	KCA	5
1,2-dichloropropane	ND	*2.50*	ND	*11.5*	11/24/21	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	11/24/21	KCA	5
1,3,5-Trimethylbenzene	11.6	*2.50*	57.0	*12.3*	11/24/21	KCA	5
1,3-Butadiene	ND	*2.50*	ND	*5.53*	11/24/21	KCA	5
1,3-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/24/21	KCA	5
1,4-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/24/21	KCA	5
1,4-Dioxane	ND	*2.50*	ND	*9.00*	11/24/21	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	11/24/21	KCA	5
4-Ethyltoluene	35.8	*2.50*	176	*12.3*	11/24/21	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	11/24/21	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	11/24/21	KCA	5
Acetone	33.8	*2.50*	80.2	*5.93*	11/24/21	KCA	5
Acrylonitrile	ND	*2.50*	ND	*5.42*	11/24/21	KCA	5
Benzene	7.03	*2.50*	22.4	*7.98*	11/24/21	KCA	5
Benzyl chloride	ND	*2.50*	ND	*12.9*	11/24/21	KCA	5

Ver 1

Project ID: S3977
Client ID: SE-SG-103

Phoenix I.D.: CJ85468

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND		*2.00*	ND	*13.4*	11/24/21	KCA	5
Bromoform	ND		*2.50*	ND	*25.8*	11/24/21	KCA	5
Bromomethane	ND		*2.50*	ND	*9.7*	11/24/21	KCA	5
Carbon Disulfide	ND		*2.50*	ND	*7.78*	11/24/21	KCA	5
Carbon Tetrachloride	ND		*2.50*	ND	*15.7*	11/24/21	KCA	5
Chlorobenzene	ND		*2.50*	ND	*11.5*	11/24/21	KCA	5
Chloroethane	4.40		*2.50*	11.6	*6.59*	11/24/21	KCA	5
Chloroform	ND		*2.50*	ND	*12.2*	11/24/21	KCA	5
Chloromethane	ND		*2.50*	ND	*5.16*	11/24/21	KCA	5
Cis-1,2-Dichloroethene	58.0		*2.50*	230	*9.9*	11/24/21	KCA	5
cis-1,3-Dichloropropene	ND		*2.50*	ND	*11.3*	11/24/21	KCA	5
Cyclohexane	20.8		*2.50*	71.6	*8.60*	11/24/21	KCA	5
Dibromochloromethane	ND		*2.50*	ND	*21.3*	11/24/21	KCA	5
Dichlorodifluoromethane	ND		*2.50*	ND	*12.4*	11/24/21	KCA	5
Ethanol	224	E	*2.50*	422	*4.71*	11/24/21	KCA	5
Ethyl acetate	ND		*2.50*	ND	*9.00*	11/24/21	KCA	5
Ethylbenzene	34.9		*2.50*	151	*10.8*	11/24/21	KCA	5
Heptane	25.9		*2.50*	106	*10.2*	11/24/21	KCA	5
Hexachlorobutadiene	ND		*2.50*	ND	*26.6*	11/24/21	KCA	5
Hexane	21.7		*2.50*	76.4	*8.81*	11/24/21	KCA	5
Isopropylalcohol	ND		*2.50*	ND	*6.14*	11/24/21	KCA	5
Isopropylbenzene	2.95		*2.50*	14.5	*12.3*	11/24/21	KCA	5
m,p-Xylene	123		*5.00*	534	*21.7*	11/24/21	KCA	5
Methyl Ethyl Ketone	30.7		*2.50*	90.5	*7.37*	11/24/21	KCA	5
Methyl tert-butyl ether(MTBE)	ND		*2.50*	ND	*9.01*	11/24/21	KCA	5
Methylene Chloride	ND		*2.50*	ND	*8.68*	11/24/21	KCA	5
n-Butylbenzene	ND		*2.50*	ND	*13.7*	11/24/21	KCA	5
o-Xylene	42.4		*2.50*	184	*10.8*	11/24/21	KCA	5
Propylene	ND		*2.50*	ND	*4.30*	11/24/21	KCA	5
sec-Butylbenzene	ND		*2.50*	ND	*13.7*	11/24/21	KCA	5
Styrene	ND		*2.50*	ND	*10.6*	11/24/21	KCA	5
Tetrachloroethene	3.49		*1.00*	23.7	*6.78*	11/24/21	KCA	5
Tetrahydrofuran	ND		*2.50*	ND	*7.37*	11/24/21	KCA	5
Toluene	152		*2.50*	572	*9.42*	11/24/21	KCA	5
Trans-1,2-Dichloroethene	ND		*2.50*	ND	*9.9*	11/24/21	KCA	5
trans-1,3-Dichloropropene	ND		*2.50*	ND	*11.3*	11/24/21	KCA	5
Trichloroethene	78.8		*1.00*	423	*5.37*	11/24/21	KCA	5
Trichlorofluoromethane	ND		*2.50*	ND	*14.0*	11/24/21	KCA	5
Trichlorotrifluoroethane	ND		*2.50*	ND	*19.1*	11/24/21	KCA	5
Vinyl Chloride	ND		*2.50*	ND	*6.39*	11/24/21	KCA	5
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	100		*%*	100	*%*	11/24/21	KCA	5
% IS-1,4-Difluorobenzene (5x)	111		*%*	111	*%*	11/24/21	KCA	5
% IS-Bromochloromethane (5x)	108		*%*	108	*%*	11/24/21	KCA	5
% IS-Chlorobenzene-d5 (5x)	118		*%*	118	*%*	11/24/21	KCA	5

Project ID: S3977
Client ID: SE-SG-103

Phoenix I.D.: CJ85468

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 01, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 01, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MVP	11/22/21	14:43
Location Code:	SAGE	Received by:	CP	11/24/21	14:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12867				

Laboratory Data

SDG ID: GCJ85468
Phoenix ID: CJ85469

Project ID: S3977
Client ID: SE-SG-105

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,1-Trichloroethane	ND	*2.50*	ND	*13.6*	11/25/21	KCA	5
1,1,2,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,2-Trichloroethane	ND	*2.50*	ND	*13.6*	11/25/21	KCA	5
1,1-Dichloroethane	ND	*2.50*	ND	*10.1*	11/25/21	KCA	5
1,1-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
1,2,4-Trichlorobenzene	ND	*2.50*	ND	*18.5*	11/25/21	KCA	5
1,2,4-Trimethylbenzene	28.2	*2.50*	139	*12.3*	11/25/21	KCA	5
1,2-Dibromoethane(EDB)	ND	*2.50*	ND	*19.2*	11/25/21	KCA	5
1,2-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,2-Dichloroethane	ND	*2.50*	ND	*10.1*	11/25/21	KCA	5
1,2-dichloropropane	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	11/25/21	KCA	5
1,3,5-Trimethylbenzene	7.70	*2.50*	37.8	*12.3*	11/25/21	KCA	5
1,3-Butadiene	ND	*2.50*	ND	*5.53*	11/25/21	KCA	5
1,3-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dioxane	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
4-Ethyltoluene	24.1	*2.50*	118	*12.3*	11/25/21	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
Acetone	19.7	*2.50*	46.8	*5.93*	11/25/21	KCA	5
Acrylonitrile	ND	*2.50*	ND	*5.42*	11/25/21	KCA	5
Benzene	5.21	*2.50*	16.6	*7.98*	11/25/21	KCA	5
Benzyl chloride	ND	*2.50*	ND	*12.9*	11/25/21	KCA	5

Project ID: S3977
Client ID: SE-SG-105

Phoenix I.D.: CJ85469

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*2.00*	ND	*13.4*	11/25/21	KCA	5
Bromoform	ND	*2.50*	ND	*25.8*	11/25/21	KCA	5
Bromomethane	ND	*2.50*	ND	*9.7*	11/25/21	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	11/25/21	KCA	5
Carbon Tetrachloride	ND	*2.50*	ND	*15.7*	11/25/21	KCA	5
Chlorobenzene	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	11/25/21	KCA	5
Chloroform	ND	*2.50*	ND	*12.2*	11/25/21	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	11/25/21	KCA	5
Cis-1,2-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
cis-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Cyclohexane	14.0	*2.50*	48.2	*8.60*	11/25/21	KCA	5
Dibromochloromethane	ND	*2.50*	ND	*21.3*	11/25/21	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	11/25/21	KCA	5
Ethanol	141	*2.50*	266	*4.71*	11/25/21	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
Ethylbenzene	26.8	*2.50*	116	*10.8*	11/25/21	KCA	5
Heptane	19.5	*2.50*	79.9	*10.2*	11/25/21	KCA	5
Hexachlorobutadiene	ND	*2.50*	ND	*26.6*	11/25/21	KCA	5
Hexane	15.4	*2.50*	54.2	*8.81*	11/25/21	KCA	5
Isopropylalcohol	6.86	*2.50*	16.9	*6.14*	11/25/21	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	11/25/21	KCA	5
m,p-Xylene	94.5	*5.00*	410	*21.7*	11/25/21	KCA	5
Methyl Ethyl Ketone	18.2	*2.50*	53.6	*7.37*	11/25/21	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	11/25/21	KCA	5
Methylene Chloride	ND	*2.50*	ND	*8.68*	11/25/21	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
o-Xylene	31.5	*2.50*	137	*10.8*	11/25/21	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	11/25/21	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
Styrene	ND	*2.50*	ND	*10.6*	11/25/21	KCA	5
Tetrachloroethene	ND	*1.00*	ND	*6.78*	11/25/21	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	11/25/21	KCA	5
Toluene	121	*2.50*	456	*9.42*	11/25/21	KCA	5
Trans-1,2-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Trichloroethene	ND	*1.00*	ND	*5.37*	11/25/21	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	11/25/21	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	11/25/21	KCA	5
Vinyl Chloride	ND	*2.50*	ND	*6.39*	11/25/21	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	100	*%*	100	*%*	11/25/21	KCA	5
% IS-1,4-Difluorobenzene (5x)	116	*%*	116	*%*	11/25/21	KCA	5
% IS-Bromochloromethane (5x)	116	*%*	116	*%*	11/25/21	KCA	5
% IS-Chlorobenzene-d5 (5x)	121	*%*	121	*%*	11/25/21	KCA	5

Project ID: S3977
Client ID: SE-SG-105

Phoenix I.D.: CJ85469

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

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Phyllis Shiller, Laboratory Director
December 01, 2021
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 01, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MVP	11/22/21	14:52
Location Code:	SAGE	Received by:	CP	11/24/21	14:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	19786				

Laboratory Data

SDG ID: GCJ85468
Phoenix ID: CJ85470

Project ID: S3977
Client ID: SE-SG-101

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,1-Trichloroethane	149	*2.50*	812	*13.6*	11/25/21	KCA	5
1,1,2,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,2-Trichloroethane	ND	*2.50*	ND	*13.6*	11/25/21	KCA	5
1,1-Dichloroethane	5.16	*2.50*	20.9	*10.1*	11/25/21	KCA	5
1,1-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
1,2,4-Trichlorobenzene	ND	*2.50*	ND	*18.5*	11/25/21	KCA	5
1,2,4-Trimethylbenzene	24.5	*2.50*	120	*12.3*	11/25/21	KCA	5
1,2-Dibromoethane(EDB)	ND	*2.50*	ND	*19.2*	11/25/21	KCA	5
1,2-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,2-Dichloroethane	ND	*2.50*	ND	*10.1*	11/25/21	KCA	5
1,2-dichloropropane	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	11/25/21	KCA	5
1,3,5-Trimethylbenzene	7.32	*2.50*	36.0	*12.3*	11/25/21	KCA	5
1,3-Butadiene	ND	*2.50*	ND	*5.53*	11/25/21	KCA	5
1,3-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dioxane	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
4-Ethyltoluene	23.9	*2.50*	117	*12.3*	11/25/21	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
Acetone	23.8	*2.50*	56.5	*5.93*	11/25/21	KCA	5
Acrylonitrile	ND	*2.50*	ND	*5.42*	11/25/21	KCA	5
Benzene	6.37	*2.50*	20.3	*7.98*	11/25/21	KCA	5
Benzyl chloride	ND	*2.50*	ND	*12.9*	11/25/21	KCA	5

Ver 1

Project ID: S3977

Client ID: SE-SG-101

Phoenix I.D.: CJ85470

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*2.00*	ND	*13.4*	11/25/21	KCA	5
Bromoform	ND	*2.50*	ND	*25.8*	11/25/21	KCA	5
Bromomethane	ND	*2.50*	ND	*9.7*	11/25/21	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	11/25/21	KCA	5
Carbon Tetrachloride	ND	*2.50*	ND	*15.7*	11/25/21	KCA	5
Chlorobenzene	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	11/25/21	KCA	5
Chloroform	ND	*2.50*	ND	*12.2*	11/25/21	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	11/25/21	KCA	5
Cis-1,2-Dichloroethene	19.2	*2.50*	76.1	*9.9*	11/25/21	KCA	5
cis-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Cyclohexane	16.1	*2.50*	55.4	*8.60*	11/25/21	KCA	5
Dibromochloromethane	ND	*2.50*	ND	*21.3*	11/25/21	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	11/25/21	KCA	5
Ethanol	170	*2.50*	320	*4.71*	11/25/21	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
Ethylbenzene	31.1	*2.50*	135	*10.8*	11/25/21	KCA	5
Heptane	22.0	*2.50*	90.1	*10.2*	11/25/21	KCA	5
Hexachlorobutadiene	ND	*2.50*	ND	*26.6*	11/25/21	KCA	5
Hexane	17.6	*2.50*	62.0	*8.81*	11/25/21	KCA	5
Isopropylalcohol	5.59	*2.50*	13.7	*6.14*	11/25/21	KCA	5
Isopropylbenzene	ND	*2.50*	ND	*12.3*	11/25/21	KCA	5
m,p-Xylene	110	*5.00*	477	*21.7*	11/25/21	KCA	5
Methyl Ethyl Ketone	24.0	*2.50*	70.7	*7.37*	11/25/21	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	11/25/21	KCA	5
Methylene Chloride	ND	*2.50*	ND	*8.68*	11/25/21	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
o-Xylene	35.8	*2.50*	155	*10.8*	11/25/21	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	11/25/21	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
Styrene	ND	*2.50*	ND	*10.6*	11/25/21	KCA	5
Tetrachloroethene	94.0	*1.00*	637	*6.78*	11/25/21	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	11/25/21	KCA	5
Toluene	143	*2.50*	539	*9.42*	11/25/21	KCA	5
Trans-1,2-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Trichloroethene	860	*15.0*	4620	*80.6*	11/29/21	KCA	75
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	11/25/21	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	11/25/21	KCA	5
Vinyl Chloride	ND	*2.50*	ND	*6.39*	11/25/21	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	101	*%*	101	*%*	11/25/21	KCA	5
% IS-1,4-Difluorobenzene (5x)	112	*%*	112	*%*	11/25/21	KCA	5
% IS-Bromochloromethane (5x)	112	*%*	112	*%*	11/25/21	KCA	5
% IS-Chlorobenzene-d5 (5x)	118	*%*	118	*%*	11/25/21	KCA	5
% Bromofluorobenzene (75x)	103	*%*	103	*%*	11/29/21	KCA	75
% IS-1,4-Difluorobenzene (75x)	91	*%*	91	*%*	11/29/21	KCA	75
% IS-Bromochloromethane (75x)	94	*%*	94	*%*	11/29/21	KCA	75
% IS-Chlorobenzene-d5 (75x)	93	*%*	93	*%*	11/29/21	KCA	75

Ver 1

Project ID: S3977
Client ID: SE-SG-101

Phoenix I.D.: CJ85470

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

December 01, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 01, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	MVP	11/22/21	14:49
Location Code:	SAGE	Received by:	CP	11/24/21	14:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28564				

Laboratory Data

SDG ID: GCJ85468
Phoenix ID: CJ85471

Project ID: S3977
Client ID: SE-SG-102

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,1-Trichloroethane	26.9	*2.50*	147	*13.6*	11/25/21	KCA	5
1,1,2,2-Tetrachloroethane	ND	*2.50*	ND	*17.2*	11/25/21	KCA	5
1,1,2-Trichloroethane	ND	*2.50*	ND	*13.6*	11/25/21	KCA	5
1,1-Dichloroethane	ND	*2.50*	ND	*10.1*	11/25/21	KCA	5
1,1-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
1,2,4-Trichlorobenzene	ND	*2.50*	ND	*18.5*	11/25/21	KCA	5
1,2,4-Trimethylbenzene	28.7	*2.50*	141	*12.3*	11/25/21	KCA	5
1,2-Dibromoethane(EDB)	ND	*2.50*	ND	*19.2*	11/25/21	KCA	5
1,2-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,2-Dichloroethane	ND	*2.50*	ND	*10.1*	11/25/21	KCA	5
1,2-dichloropropane	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
1,2-Dichlorotetrafluoroethane	ND	*2.50*	ND	*17.5*	11/25/21	KCA	5
1,3,5-Trimethylbenzene	8.54	*2.50*	42.0	*12.3*	11/25/21	KCA	5
1,3-Butadiene	ND	*2.50*	ND	*5.53*	11/25/21	KCA	5
1,3-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dichlorobenzene	ND	*2.50*	ND	*15.0*	11/25/21	KCA	5
1,4-Dioxane	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
2-Hexanone(MBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
4-Ethyltoluene	26.6	*2.50*	131	*12.3*	11/25/21	KCA	5
4-Isopropyltoluene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	*2.50*	ND	*10.2*	11/25/21	KCA	5
Acetone	29.6	*2.50*	70.3	*5.93*	11/25/21	KCA	5
Acrylonitrile	ND	*2.50*	ND	*5.42*	11/25/21	KCA	5
Benzene	6.49	*2.50*	20.7	*7.98*	11/25/21	KCA	5
Benzyl chloride	ND	*2.50*	ND	*12.9*	11/25/21	KCA	5

Project ID: S3977
Client ID: SE-SG-102

Phoenix I.D.: CJ85471

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*2.00*	ND	*13.4*	11/25/21	KCA	5
Bromoform	ND	*2.50*	ND	*25.8*	11/25/21	KCA	5
Bromomethane	ND	*2.50*	ND	*9.7*	11/25/21	KCA	5
Carbon Disulfide	ND	*2.50*	ND	*7.78*	11/25/21	KCA	5
Carbon Tetrachloride	ND	*2.50*	ND	*15.7*	11/25/21	KCA	5
Chlorobenzene	ND	*2.50*	ND	*11.5*	11/25/21	KCA	5
Chloroethane	ND	*2.50*	ND	*6.59*	11/25/21	KCA	5
Chloroform	ND	*2.50*	ND	*12.2*	11/25/21	KCA	5
Chloromethane	ND	*2.50*	ND	*5.16*	11/25/21	KCA	5
Cis-1,2-Dichloroethene	3.13	*2.50*	12.4	*9.9*	11/25/21	KCA	5
cis-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Cyclohexane	18.6	*2.50*	64.0	*8.60*	11/25/21	KCA	5
Dibromochloromethane	ND	*2.50*	ND	*21.3*	11/25/21	KCA	5
Dichlorodifluoromethane	ND	*2.50*	ND	*12.4*	11/25/21	KCA	5
Ethanol	194	*2.50*	365	*4.71*	11/25/21	KCA	5
Ethyl acetate	ND	*2.50*	ND	*9.00*	11/25/21	KCA	5
Ethylbenzene	33.8	*2.50*	147	*10.8*	11/25/21	KCA	5
Heptane	25.3	*2.50*	104	*10.2*	11/25/21	KCA	5
Hexachlorobutadiene	ND	*2.50*	ND	*26.6*	11/25/21	KCA	5
Hexane	20.3	*2.50*	71.5	*8.81*	11/25/21	KCA	5
Isopropylalcohol	6.77	*2.50*	16.6	*6.14*	11/25/21	KCA	5
Isopropylbenzene	2.56	*2.50*	12.6	*12.3*	11/25/21	KCA	5
m,p-Xylene	117	*5.00*	508	*21.7*	11/25/21	KCA	5
Methyl Ethyl Ketone	28.5	*2.50*	84.0	*7.37*	11/25/21	KCA	5
Methyl tert-butyl ether(MTBE)	ND	*2.50*	ND	*9.01*	11/25/21	KCA	5
Methylene Chloride	ND	*2.50*	ND	*8.68*	11/25/21	KCA	5
n-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
o-Xylene	39.7	*2.50*	172	*10.8*	11/25/21	KCA	5
Propylene	ND	*2.50*	ND	*4.30*	11/25/21	KCA	5
sec-Butylbenzene	ND	*2.50*	ND	*13.7*	11/25/21	KCA	5
Styrene	ND	*2.50*	ND	*10.6*	11/25/21	KCA	5
Tetrachloroethene	20.8	*1.00*	141	*6.78*	11/25/21	KCA	5
Tetrahydrofuran	ND	*2.50*	ND	*7.37*	11/25/21	KCA	5
Toluene	153	*2.50*	576	*9.42*	11/25/21	KCA	5
Trans-1,2-Dichloroethene	ND	*2.50*	ND	*9.9*	11/25/21	KCA	5
trans-1,3-Dichloropropene	ND	*2.50*	ND	*11.3*	11/25/21	KCA	5
Trichloroethene	178	*1.00*	956	*5.37*	11/25/21	KCA	5
Trichlorofluoromethane	ND	*2.50*	ND	*14.0*	11/25/21	KCA	5
Trichlorotrifluoroethane	ND	*2.50*	ND	*19.1*	11/25/21	KCA	5
Vinyl Chloride	ND	*2.50*	ND	*6.39*	11/25/21	KCA	5
QA/QC Surrogates/Internals							
% Bromofluorobenzene (5x)	100	*%*	100	*%*	11/25/21	KCA	5
% IS-1,4-Difluorobenzene (5x)	116	*%*	116	*%*	11/25/21	KCA	5
% IS-Bromochloromethane (5x)	117	*%*	117	*%*	11/25/21	KCA	5
% IS-Chlorobenzene-d5 (5x)	123	*%*	123	*%*	11/25/21	KCA	5

Project ID: S3977
Client ID: SE-SG-102

Phoenix I.D.: CJ85471

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

December 01, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Canister Sampling Information

December 01, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Location Code: SAGE

Project ID: S3977

SDG I.D.: GCJ85468

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SE-SG-103	CJ85468	28607	6.0L	3510	11/16/21	-30	-6	173	174	0.6	-29	-8	11/22/21 14:17	11/22/21 14:45
SE-SG-105	CJ85469	12867	6.0L	5622	11/16/21	-30	-2	173	173	0.0	-28	-1	11/22/21 14:10	11/22/21 14:43
SE-SG-101	CJ85470	19786	6.0L	4493	11/16/21	-30	-7	173	161	7.2	-28	-7	11/22/21 14:24	11/22/21 14:52
SE-SG-102	CJ85471	28564	6.0L	4493	11/16/21	-30	-6	173	186	7.2	-27	-8	11/22/21 14:21	11/22/21 14:49

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

December 01, 2021

QA/QC Data

SDG I.D.: GCJ85468

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 602426 (ppbv), QC Sample No: CJ82368 (CJ85470 (75X))												
Volatiles												
Trichloroethene	ND	0.200	ND	1.07	103	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%	106	105	108	105	108	NC	70 - 130	25
% IS-1,4-Difluorobenzene	91	%	91	%	102	102	88	102	88	NC	60 - 140	25
% IS-Bromochloromethane	92	%	92	%	103	104	90	104	90	NC	60 - 140	25
% IS-Chlorobenzene-d5	87	%	87	%	111	101	88	101	88	NC	60 - 140	25
QA/QC Batch 602260 (ppbv), QC Sample No: CJ85466 (CJ85468 (5X) , CJ85469 (5X) , CJ85470 (5X) , CJ85471 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	108	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	105	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	101	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	122	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	118	2.04	2.07	0.416	0.421	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	118	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	101	0.07	0.07	0.017	0.017	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	109	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	114	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	97	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	113	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	115	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	84	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	102	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	112	1.60	1.73	0.326	0.352	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	103	1.16	1.15	0.284	0.280	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	80	27.5	27.5	11.6	11.6	0.0	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	91	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	104	2.53	2.51	0.793	0.787	0.8	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	97	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	107	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	119	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	100	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	99	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	103	0.54	0.53	0.086	0.084	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	107	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	99	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCJ85468

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Chloromethane	ND	0.250	ND	0.52	101	0.67	0.66	0.323	0.322	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	99	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	109	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	99	5.09	5.30	1.48	1.54	4.0	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	108	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	105	1.99	2.07	0.402	0.418	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	86	65.0 E	68.2	34.5 E	36.2	4.8	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	76	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	109	1.22	1.24	0.280	0.286	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	105	2.40	2.33	0.587	0.568	NC	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	109	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	95	10.6	11.1	3.01	3.14	4.2	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	109	ND	ND	ND	ND	NC	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	110	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	111	4.64	4.64	1.07	1.07	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	98	ND	2.77	ND	0.941	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	100	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	85	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	115	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	116	1.40	1.42	0.323	0.328	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	96	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	113	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	113	0.45	0.43	0.105	0.101	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	109	1.00	0.96	0.148	0.141	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	94	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	109	12.2	12.1	3.23	3.22	0.3	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	98	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	105	0.18	0.18	0.034	0.033	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	105	2.99	3.10	0.532	0.552	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	102	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	101	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	100	%	100	%	102	98	100	98	100	NC	70 - 130	25
% IS-1,4-Difluorobenzene	105	%	105	%	105	101	105	101	105	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	105	101	104	101	104	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	106	106	106	106	106	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 01, 2021

Wednesday, December 01, 2021

Criteria: None

State: RI

Sample Criteria Exceedances Report

GCJ85468 - SAGE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 01, 2021 SDG I.D.: GCJ85468

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

AIRSIM

CHEM24 11/24/21-1: CJ85468, CJ85469, CJ85470, CJ85471

The following Continuing Calibration compounds did not meet % deviation criteria: Isopropylalcohol 491%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: Isopropylalcohol 491%H (30%)

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

800-827-5426
email: greg@phoenixlabs.com

P.O. # Page of

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

Report to: Amy Mulhern
Customer: Sage Env.
Address: 172 Armistice Blvd, Pawtucket RI

Project Name: 53977
Invoice to: Sage@sage-enviro.com
Sampled by: MVP

Data Format: (Circle) Equis Excel Other:
Requested Deliverable: RCP ASP CAT B MCP NJ Deliverables
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
85468	SE-SG-103	28607	6.0	-30	-6	3510	173	14:17	14:45	11/22	29	8					
85469	SE-SG-105	12867			-2	5622		14:10	14:43	11/22	26	1					
		23349				5060											
85470	SE-SG-101	19786			-7	4495		14:29	14:52	11/22	28	7					
85471	SE-SG-102	28564			-6	4493		14:21	14:49	11/22	27	8					

Relinquished by:	Accepted by:	Date:	Time:
		11/24/21	12:30
		11/24	1415

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

State Where Samples Collected: RI

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
5(6L) 30 min

Turnaround Time:
1 Day ☐
2 Day ☐
3 Day ☐
4 Day ☐
5 Day ☐

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	**Indoor Air:**	**Indoor Air:**	Vapor Intrusion	**Indoor Air**	**Indoor Air**
TAC RES	Residential	Residential		Residential	Residential
SVVC I/C	Ind/Commercial	Ind/Commercial		Non-residential	Industrial
SVVC RES	**Soil Gas:**	**Soil Gas:**			**Sub-slab**
GWV I/C	Residential	Residential			Residential
GWV CES	Ind/Commercial	Ind/Commercial			Industrial

PEL-115 Rev. 9/2019

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 28, 2021

Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Project ID: **S3977**
SDG ID: **GCK04448**
Sample ID#s: **CK04448 - CK04451**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

December 28, 2021

SDG I.D.: GCK04448

Project ID: S3977

Client Id	Lab Id	Matrix
SE-IA-102	CK04448	AIR
SE-IA-103	CK04449	AIR
SE-IA-101	CK04450	AIR
SE-AA-101	CK04451	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 28, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JHB	12/20/21	8:32
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	355				

Laboratory Data

SDG ID: GCK04448
Phoenix ID: CK04448

Project ID: S3977
Client ID: SE-IA-102

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	12/22/21	KCA	0.5
1,1,1-Trichloroethane	ND	*0.250*	ND	*1.36*	12/22/21	KCA	0.5
1,1,2,2-Tetrachloroethane	ND	*0.005*	ND	*0.03*	12/22/21	KCA	0.5
1,1,2-Trichloroethane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,1-Dichloroethane	ND	*0.075*	ND	*0.30*	12/22/21	KCA	0.5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
1,2,4-Trichlorobenzene	ND	*0.027*	ND	*0.20*	12/22/21	KCA	0.5
1,2,4-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,2-Dibromoethane(EDB)	ND	*0.005*	ND	*0.04*	12/22/21	KCA	0.5
1,2-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,2-Dichloroethane	0.017	*0.010*	0.07	*0.04*	12/22/21	KCA	0.5
1,2-dichloropropane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,2-Dichlorotetrafluoroethane	ND	*0.250*	ND	*1.75*	12/22/21	KCA	0.5
1,3,5-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,3-Butadiene	ND	*0.250*	ND	*0.55*	12/22/21	KCA	0.5
1,3-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,4-Dichlorobenzene	ND	*0.040*	ND	*0.24*	12/22/21	KCA	0.5
1,4-Dioxane	ND	*0.065*	ND	*0.23*	12/22/21	KCA	0.5
2-Hexanone(MBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
4-Ethyltoluene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
4-Isopropyltoluene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
4-Methyl-2-pentanone(MIBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Acetone	3.44	*0.375*	8.17	*0.89*	12/22/21	KCA	0.5
Acrylonitrile	ND	*0.250*	ND	*0.54*	12/22/21	KCA	0.5
Benzene	0.252	*0.100*	0.80	*0.32*	12/22/21	KCA	0.5
Benzyl chloride	ND	*0.250*	ND	*1.29*	12/22/21	KCA	0.5

Ver 1

Project ID: S3977
Client ID: SE-IA-102

Phoenix I.D.: CK04448

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	0.025	*0.010*	0.17	*0.07*	12/22/21	KCA	0.5
Bromoform	ND	*0.075*	ND	*0.77*	12/22/21	KCA	0.5
Bromomethane	ND	*0.070*	ND	*0.27*	12/22/21	KCA	0.5
Carbon Disulfide	ND	*0.250*	ND	*0.78*	12/22/21	KCA	0.5
Carbon Tetrachloride	0.081	*0.043*	0.51	*0.27*	12/22/21	KCA	0.5
Chlorobenzene	ND	*0.100*	ND	*0.46*	12/22/21	KCA	0.5
Chloroethane	ND	*0.250*	ND	*0.66*	12/22/21	KCA	0.5
Chloroform	0.250	*0.100*	1.22	*0.49*	12/22/21	KCA	0.5
Chloromethane	0.584	*0.250*	1.21	*0.52*	12/22/21	KCA	0.5
Cis-1,2-Dichloroethene	0.250	*0.100*	0.99	*0.40*	12/22/21	KCA	0.5
cis-1,3-Dichloropropene	ND	*0.050*	ND	*0.23*	12/22/21	KCA	0.5
Cyclohexane	ND	*0.250*	ND	*0.86*	12/22/21	KCA	0.5
Dibromochloromethane	ND	*0.010*	ND	*0.09*	12/22/21	KCA	0.5
Dichlorodifluoromethane	0.494	*0.250*	2.44	*1.24*	12/22/21	KCA	0.5
Ethanol	4.54	*0.375*	8.55	*0.71*	12/22/21	KCA	0.5
Ethyl acetate	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Ethylbenzene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Heptane	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Hexachlorobutadiene	ND	*0.005*	ND	*0.05*	12/22/21	KCA	0.5
Hexane	0.241	*0.225*	0.85	*0.79*	12/22/21	KCA	0.5
Isopropylalcohol	0.697	*0.375*	1.71	*0.92*	12/22/21	KCA	0.5
Isopropylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
m,p-Xylene	ND	*0.500*	ND	*2.17*	12/22/21	KCA	0.5
Methyl Ethyl Ketone	0.227	*0.225*	0.67	*0.66*	12/22/21	KCA	0.5
Methyl tert-butyl ether(MTBE)	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Methylene Chloride	ND	*1.50*	ND	*5.21*	12/22/21	KCA	0.5
Naphthalene	0.093	*0.050*	0.49	*0.26*	12/22/21	KCA	0.5
n-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
o-Xylene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Propylene	ND	*0.250*	ND	*0.43*	12/22/21	KCA	0.5
sec-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
Styrene	ND	*0.100*	ND	*0.43*	12/22/21	KCA	0.5
Tetrachloroethene	0.997	*0.050*	6.76	*0.34*	12/22/21	KCA	0.5
Tetrahydrofuran	ND	*0.250*	ND	*0.74*	12/22/21	KCA	0.5
Toluene	0.461	*0.250*	1.74	*0.94*	12/22/21	KCA	0.5
Trans-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
trans-1,3-Dichloropropene	ND	*0.250*	ND	*1.13*	12/22/21	KCA	0.5
Trichloroethene	1.55	*0.025*	8.32	*0.13*	12/22/21	KCA	0.5
Trichlorofluoromethane	ND	*0.250*	ND	*1.40*	12/22/21	KCA	0.5
Trichlorotrifluoroethane	ND	*0.250*	ND	*1.91*	12/22/21	KCA	0.5
Vinyl Chloride	0.054	*0.050*	0.14	*0.13*	12/22/21	KCA	0.5
QA/QC Surrogates/Internals							
% Bromofluorobenzene	99	*%*	99	*%*	12/22/21	KCA	0.5
% IS-1,4-Difluorobenzene	90	*%*	90	*%*	12/22/21	KCA	0.5
% IS-Bromochloromethane	93	*%*	93	*%*	12/22/21	KCA	0.5
% IS-Chlorobenzene-d5	87	*%*	87	*%*	12/22/21	KCA	0.5

Project ID: S3977
Client ID: SE-IA-102

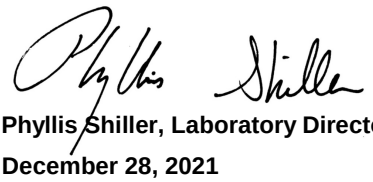
Phoenix I.D.: CK04448

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 28, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 28, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JHB	12/20/21	8:36
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16011				

Laboratory Data

SDG ID: GCK04448
Phoenix ID: CK04449

Project ID: S3977
Client ID: SE-IA-103

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	12/22/21	KCA	0.5
1,1,1-Trichloroethane	ND	*0.250*	ND	*1.36*	12/22/21	KCA	0.5
1,1,2,2-Tetrachloroethane	ND	*0.005*	ND	*0.03*	12/22/21	KCA	0.5
1,1,2-Trichloroethane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,1-Dichloroethane	ND	*0.075*	ND	*0.30*	12/22/21	KCA	0.5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
1,2,4-Trichlorobenzene	ND	*0.027*	ND	*0.20*	12/22/21	KCA	0.5
1,2,4-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,2-Dibromoethane(EDB)	ND	*0.005*	ND	*0.04*	12/22/21	KCA	0.5
1,2-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,2-Dichloroethane	0.015	*0.010*	0.06	*0.04*	12/22/21	KCA	0.5
1,2-dichloropropane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,2-Dichlorotetrafluoroethane	ND	*0.250*	ND	*1.75*	12/22/21	KCA	0.5
1,3,5-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,3-Butadiene	ND	*0.250*	ND	*0.55*	12/22/21	KCA	0.5
1,3-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,4-Dichlorobenzene	ND	*0.040*	ND	*0.24*	12/22/21	KCA	0.5
1,4-Dioxane	ND	*0.065*	ND	*0.23*	12/22/21	KCA	0.5
2-Hexanone(MBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
4-Ethyltoluene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
4-Isopropyltoluene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
4-Methyl-2-pentanone(MIBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Acetone	3.21	*0.375*	7.62	*0.89*	12/22/21	KCA	0.5
Acrylonitrile	ND	*0.250*	ND	*0.54*	12/22/21	KCA	0.5
Benzene	0.257	*0.100*	0.82	*0.32*	12/22/21	KCA	0.5
Benzyl chloride	ND	*0.250*	ND	*1.29*	12/22/21	KCA	0.5

Ver 1

Project ID: S3977
Client ID: SE-IA-103

Phoenix I.D.: CK04449

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.010*	ND	*0.07*	12/22/21	KCA	0.5
Bromoform	ND	*0.075*	ND	*0.77*	12/22/21	KCA	0.5
Bromomethane	ND	*0.070*	ND	*0.27*	12/22/21	KCA	0.5
Carbon Disulfide	ND	*0.250*	ND	*0.78*	12/22/21	KCA	0.5
Carbon Tetrachloride	0.073	*0.043*	0.46	*0.27*	12/22/21	KCA	0.5
Chlorobenzene	ND	*0.100*	ND	*0.46*	12/22/21	KCA	0.5
Chloroethane	ND	*0.250*	ND	*0.66*	12/22/21	KCA	0.5
Chloroform	ND	*0.100*	ND	*0.49*	12/22/21	KCA	0.5
Chloromethane	0.515	*0.250*	1.06	*0.52*	12/22/21	KCA	0.5
Cis-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
cis-1,3-Dichloropropene	ND	*0.050*	ND	*0.23*	12/22/21	KCA	0.5
Cyclohexane	ND	*0.250*	ND	*0.86*	12/22/21	KCA	0.5
Dibromochloromethane	ND	*0.010*	ND	*0.09*	12/22/21	KCA	0.5
Dichlorodifluoromethane	0.430	*0.250*	2.13	*1.24*	12/22/21	KCA	0.5
Ethanol	4.26	*0.375*	8.02	*0.71*	12/22/21	KCA	0.5
Ethyl acetate	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Ethylbenzene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Heptane	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Hexachlorobutadiene	ND	*0.005*	ND	*0.05*	12/22/21	KCA	0.5
Hexane	ND	*0.225*	ND	*0.79*	12/22/21	KCA	0.5
Isopropylalcohol	0.639	*0.375*	1.57	*0.92*	12/22/21	KCA	0.5
Isopropylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
m,p-Xylene	ND	*0.500*	ND	*2.17*	12/22/21	KCA	0.5
Methyl Ethyl Ketone	ND	*0.225*	ND	*0.66*	12/22/21	KCA	0.5
Methyl tert-butyl ether(MTBE)	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Methylene Chloride	ND	*1.50*	ND	*5.21*	12/22/21	KCA	0.5
Naphthalene	0.054	*0.050*	0.28	*0.26*	12/22/21	KCA	0.5
n-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
o-Xylene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Propylene	ND	*0.250*	ND	*0.43*	12/22/21	KCA	0.5
sec-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
Styrene	ND	*0.100*	ND	*0.43*	12/22/21	KCA	0.5
Tetrachloroethene	0.117	*0.050*	0.79	*0.34*	12/22/21	KCA	0.5
Tetrahydrofuran	ND	*0.250*	ND	*0.74*	12/22/21	KCA	0.5
Toluene	0.369	*0.250*	1.39	*0.94*	12/22/21	KCA	0.5
Trans-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
trans-1,3-Dichloropropene	ND	*0.250*	ND	*1.13*	12/22/21	KCA	0.5
Trichloroethene	0.096	*0.025*	0.52	*0.13*	12/22/21	KCA	0.5
Trichlorofluoromethane	ND	*0.250*	ND	*1.40*	12/22/21	KCA	0.5
Trichlorotrifluoroethane	ND	*0.250*	ND	*1.91*	12/22/21	KCA	0.5
Vinyl Chloride	ND	*0.050*	ND	*0.13*	12/22/21	KCA	0.5
QA/QC Surrogates/Internals							
% Bromofluorobenzene	102	*%*	102	*%*	12/22/21	KCA	0.5
% IS-1,4-Difluorobenzene	98	*%*	98	*%*	12/22/21	KCA	0.5
% IS-Bromochloromethane	101	*%*	101	*%*	12/22/21	KCA	0.5
% IS-Chlorobenzene-d5	91	*%*	91	*%*	12/22/21	KCA	0.5

Project ID: S3977
Client ID: SE-IA-103

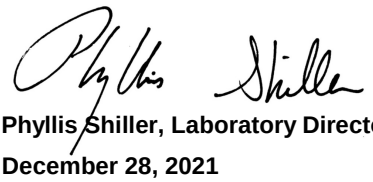
Phoenix I.D.: CK04449

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 28, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 28, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JHB	12/20/21	8:26
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28565				

Laboratory Data

SDG ID: GCK04448
Phoenix ID: CK04450

Project ID: S3977
Client ID: SE-IA-101

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	12/22/21	KCA	0.5
1,1,1-Trichloroethane	0.355	*0.250*	1.94	*1.36*	12/22/21	KCA	0.5
1,1,2,2-Tetrachloroethane	ND	*0.005*	ND	*0.03*	12/22/21	KCA	0.5
1,1,2-Trichloroethane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,1-Dichloroethane	ND	*0.075*	ND	*0.30*	12/22/21	KCA	0.5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
1,2,4-Trichlorobenzene	ND	*0.027*	ND	*0.20*	12/22/21	KCA	0.5
1,2,4-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,2-Dibromoethane(EDB)	ND	*0.005*	ND	*0.04*	12/22/21	KCA	0.5
1,2-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,2-Dichloroethane	0.015	*0.010*	0.06	*0.04*	12/22/21	KCA	0.5
1,2-dichloropropane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,2-Dichlorotetrafluoroethane	ND	*0.250*	ND	*1.75*	12/22/21	KCA	0.5
1,3,5-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,3-Butadiene	ND	*0.250*	ND	*0.55*	12/22/21	KCA	0.5
1,3-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,4-Dichlorobenzene	ND	*0.040*	ND	*0.24*	12/22/21	KCA	0.5
1,4-Dioxane	ND	*0.065*	ND	*0.23*	12/22/21	KCA	0.5
2-Hexanone(MBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
4-Ethyltoluene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
4-Isopropyltoluene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
4-Methyl-2-pentanone(MIBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Acetone	2.69	*0.375*	6.39	*0.89*	12/22/21	KCA	0.5
Acrylonitrile	ND	*0.250*	ND	*0.54*	12/22/21	KCA	0.5
Benzene	0.248	*0.100*	0.79	*0.32*	12/22/21	KCA	0.5
Benzyl chloride	ND	*0.250*	ND	*1.29*	12/22/21	KCA	0.5

Ver 1

Project ID: S3977
Client ID: SE-IA-101

Phoenix I.D.: CK04450

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	0.032	*0.010*	0.21	*0.07*	12/22/21	KCA	0.5
Bromoform	ND	*0.075*	ND	*0.77*	12/22/21	KCA	0.5
Bromomethane	ND	*0.070*	ND	*0.27*	12/22/21	KCA	0.5
Carbon Disulfide	ND	*0.250*	ND	*0.78*	12/22/21	KCA	0.5
Carbon Tetrachloride	0.075	*0.043*	0.47	*0.27*	12/22/21	KCA	0.5
Chlorobenzene	ND	*0.100*	ND	*0.46*	12/22/21	KCA	0.5
Chloroethane	ND	*0.250*	ND	*0.66*	12/22/21	KCA	0.5
Chloroform	0.343	*0.100*	1.67	*0.49*	12/22/21	KCA	0.5
Chloromethane	0.530	*0.250*	1.09	*0.52*	12/22/21	KCA	0.5
Cis-1,2-Dichloroethene	0.286	*0.100*	1.13	*0.40*	12/22/21	KCA	0.5
cis-1,3-Dichloropropene	ND	*0.050*	ND	*0.23*	12/22/21	KCA	0.5
Cyclohexane	ND	*0.250*	ND	*0.86*	12/22/21	KCA	0.5
Dibromochloromethane	ND	*0.010*	ND	*0.09*	12/22/21	KCA	0.5
Dichlorodifluoromethane	0.431	*0.250*	2.13	*1.24*	12/22/21	KCA	0.5
Ethanol	3.59	*0.375*	6.76	*0.71*	12/22/21	KCA	0.5
Ethyl acetate	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Ethylbenzene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Heptane	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Hexachlorobutadiene	ND	*0.005*	ND	*0.05*	12/22/21	KCA	0.5
Hexane	ND	*0.225*	ND	*0.79*	12/22/21	KCA	0.5
Isopropylalcohol	0.515	*0.375*	1.27	*0.92*	12/22/21	KCA	0.5
Isopropylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
m,p-Xylene	ND	*0.500*	ND	*2.17*	12/22/21	KCA	0.5
Methyl Ethyl Ketone	ND	*0.225*	ND	*0.66*	12/22/21	KCA	0.5
Methyl tert-butyl ether(MTBE)	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Methylene Chloride	ND	*1.50*	ND	*5.21*	12/22/21	KCA	0.5
Naphthalene	ND	*0.050*	ND	*0.26*	12/22/21	KCA	0.5
n-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
o-Xylene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Propylene	ND	*0.250*	ND	*0.43*	12/22/21	KCA	0.5
sec-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
Styrene	ND	*0.100*	ND	*0.43*	12/22/21	KCA	0.5
Tetrachloroethene	1.67	*0.050*	11.3	*0.34*	12/22/21	KCA	0.5
Tetrahydrofuran	ND	*0.250*	ND	*0.74*	12/22/21	KCA	0.5
Toluene	0.436	*0.250*	1.64	*0.94*	12/22/21	KCA	0.5
Trans-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
trans-1,3-Dichloropropene	ND	*0.250*	ND	*1.13*	12/22/21	KCA	0.5
Trichloroethene	2.63	*0.025*	14.1	*0.13*	12/22/21	KCA	0.5
Trichlorofluoromethane	ND	*0.250*	ND	*1.40*	12/22/21	KCA	0.5
Trichlorotrifluoroethane	ND	*0.250*	ND	*1.91*	12/22/21	KCA	0.5
Vinyl Chloride	0.070	*0.050*	0.18	*0.13*	12/22/21	KCA	0.5
QA/QC Surrogates/Internals							
% Bromofluorobenzene	101	*%*	101	*%*	12/22/21	KCA	0.5
% IS-1,4-Difluorobenzene	97	*%*	97	*%*	12/22/21	KCA	0.5
% IS-Bromochloromethane	97	*%*	97	*%*	12/22/21	KCA	0.5
% IS-Chlorobenzene-d5	90	*%*	90	*%*	12/22/21	KCA	0.5

Project ID: S3977
Client ID: SE-IA-101

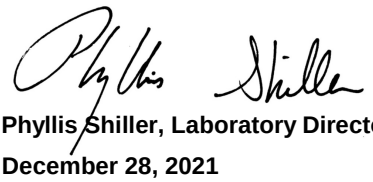
Phoenix I.D.: CK04450

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 28, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

December 28, 2021

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JHB	12/20/21	8:40
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	28610				

Laboratory Data

SDG ID: GCK04448
Phoenix ID: CK04451

Project ID: S3977
Client ID: SE-AA-101

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles TO15							
1,1,1,2-Tetrachloroethane	ND	*0.250*	ND	*1.72*	12/22/21	KCA	0.5
1,1,1-Trichloroethane	ND	*0.250*	ND	*1.36*	12/22/21	KCA	0.5
1,1,2,2-Tetrachloroethane	ND	*0.005*	ND	*0.03*	12/22/21	KCA	0.5
1,1,2-Trichloroethane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,1-Dichloroethane	ND	*0.075*	ND	*0.30*	12/22/21	KCA	0.5
1,1-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
1,2,4-Trichlorobenzene	ND	*0.027*	ND	*0.20*	12/22/21	KCA	0.5
1,2,4-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,2-Dibromoethane(EDB)	ND	*0.005*	ND	*0.04*	12/22/21	KCA	0.5
1,2-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,2-Dichloroethane	0.015	*0.010*	0.06	*0.04*	12/22/21	KCA	0.5
1,2-dichloropropane	ND	*0.010*	ND	*0.05*	12/22/21	KCA	0.5
1,2-Dichlorotetrafluoroethane	ND	*0.250*	ND	*1.75*	12/22/21	KCA	0.5
1,3,5-Trimethylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
1,3-Butadiene	ND	*0.250*	ND	*0.55*	12/22/21	KCA	0.5
1,3-Dichlorobenzene	ND	*0.050*	ND	*0.30*	12/22/21	KCA	0.5
1,4-Dichlorobenzene	ND	*0.040*	ND	*0.24*	12/22/21	KCA	0.5
1,4-Dioxane	ND	*0.065*	ND	*0.23*	12/22/21	KCA	0.5
2-Hexanone(MBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
4-Ethyltoluene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
4-Isopropyltoluene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
4-Methyl-2-pentanone(MIBK)	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Acetone	1.51	*0.375*	3.58	*0.89*	12/22/21	KCA	0.5
Acrylonitrile	ND	*0.250*	ND	*0.54*	12/22/21	KCA	0.5
Benzene	0.231	*0.100*	0.74	*0.32*	12/22/21	KCA	0.5
Benzyl chloride	ND	*0.250*	ND	*1.29*	12/22/21	KCA	0.5

Ver 1

Project ID: S3977
Client ID: SE-AA-101

Phoenix I.D.: CK04451

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	*0.010*	ND	*0.07*	12/22/21	KCA	0.5
Bromoform	ND	*0.075*	ND	*0.77*	12/22/21	KCA	0.5
Bromomethane	ND	*0.070*	ND	*0.27*	12/22/21	KCA	0.5
Carbon Disulfide	ND	*0.250*	ND	*0.78*	12/22/21	KCA	0.5
Carbon Tetrachloride	0.073	*0.043*	0.46	*0.27*	12/22/21	KCA	0.5
Chlorobenzene	ND	*0.100*	ND	*0.46*	12/22/21	KCA	0.5
Chloroethane	ND	*0.250*	ND	*0.66*	12/22/21	KCA	0.5
Chloroform	ND	*0.100*	ND	*0.49*	12/22/21	KCA	0.5
Chloromethane	0.535	*0.250*	1.10	*0.52*	12/22/21	KCA	0.5
Cis-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
cis-1,3-Dichloropropene	ND	*0.050*	ND	*0.23*	12/22/21	KCA	0.5
Cyclohexane	ND	*0.250*	ND	*0.86*	12/22/21	KCA	0.5
Dibromochloromethane	ND	*0.010*	ND	*0.09*	12/22/21	KCA	0.5
Dichlorodifluoromethane	0.438	*0.250*	2.16	*1.24*	12/22/21	KCA	0.5
Ethanol	2.47	*0.375*	4.65	*0.71*	12/22/21	KCA	0.5
Ethyl acetate	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Ethylbenzene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Heptane	ND	*0.250*	ND	*1.02*	12/22/21	KCA	0.5
Hexachlorobutadiene	ND	*0.005*	ND	*0.05*	12/22/21	KCA	0.5
Hexane	ND	*0.225*	ND	*0.79*	12/22/21	KCA	0.5
Isopropylalcohol	ND	*0.375*	ND	*0.92*	12/22/21	KCA	0.5
Isopropylbenzene	ND	*0.250*	ND	*1.23*	12/22/21	KCA	0.5
m,p-Xylene	ND	*0.500*	ND	*2.17*	12/22/21	KCA	0.5
Methyl Ethyl Ketone	ND	*0.225*	ND	*0.66*	12/22/21	KCA	0.5
Methyl tert-butyl ether(MTBE)	ND	*0.250*	ND	*0.90*	12/22/21	KCA	0.5
Methylene Chloride	ND	*1.50*	ND	*5.21*	12/22/21	KCA	0.5
Naphthalene	ND	*0.050*	ND	*0.26*	12/22/21	KCA	0.5
n-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
o-Xylene	ND	*0.250*	ND	*1.08*	12/22/21	KCA	0.5
Propylene	ND	*0.250*	ND	*0.43*	12/22/21	KCA	0.5
sec-Butylbenzene	ND	*0.250*	ND	*1.37*	12/22/21	KCA	0.5
Styrene	ND	*0.100*	ND	*0.43*	12/22/21	KCA	0.5
Tetrachloroethene	ND	*0.050*	ND	*0.34*	12/22/21	KCA	0.5
Tetrahydrofuran	ND	*0.250*	ND	*0.74*	12/22/21	KCA	0.5
Toluene	0.332	*0.250*	1.25	*0.94*	12/22/21	KCA	0.5
Trans-1,2-Dichloroethene	ND	*0.100*	ND	*0.40*	12/22/21	KCA	0.5
trans-1,3-Dichloropropene	ND	*0.250*	ND	*1.13*	12/22/21	KCA	0.5
Trichloroethene	ND	*0.025*	ND	*0.13*	12/22/21	KCA	0.5
Trichlorofluoromethane	ND	*0.250*	ND	*1.40*	12/22/21	KCA	0.5
Trichlorotrifluoroethane	ND	*0.250*	ND	*1.91*	12/22/21	KCA	0.5
Vinyl Chloride	ND	*0.050*	ND	*0.13*	12/22/21	KCA	0.5
QA/QC Surrogates/Internals							
% Bromofluorobenzene	98	*%*	98	*%*	12/22/21	KCA	0.5
% IS-1,4-Difluorobenzene	96	*%*	96	*%*	12/22/21	KCA	0.5
% IS-Bromochloromethane	98	*%*	98	*%*	12/22/21	KCA	0.5
% IS-Chlorobenzene-d5	89	*%*	89	*%*	12/22/21	KCA	0.5

Project ID: S3977
Client ID: SE-AA-101

Phoenix I.D.: CK04451

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

December 28, 2021

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

December 28, 2021

QA/QC Data

SDG I.D.: GCK04448

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 605824 (ppbv), QC Sample No: CK04340 (CK04448 (0.5X) , CK04449 (0.5X) , CK04450 (0.5X) , CK04451 (0.5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.038	ND	0.26	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.010	ND	0.07	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.010	ND	0.04	94	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	68	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	108	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.010	ND	0.08	98	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	103	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	111	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	104	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	105	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	117	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	118	1.23	1.26	0.205	0.209	1.9	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	93	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	107	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	106	1.68	1.66	0.307	0.303	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	103	935	914	394	385	2.3	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	99	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	105	1.34	1.32	0.420	0.412	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	113	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	103	0.57	0.53	0.085	0.079	7.3	70 - 130	25
Bromoform	ND	0.075	ND	0.77	97	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	106	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	108	0.64	0.60	0.101	0.096	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	101	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	98	3.39	3.33	0.694	0.682	1.7	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	110	1.57	1.53	0.761	0.743	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	104	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	101	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	105	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	100	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	108	2.10	2.06	0.424	0.416	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	83	588 E	571	312 E	303	2.9	70 - 130	25

QA/QC Data

SDG I.D.: GCK04448

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Ethyl acetate	ND	0.250	ND	0.90	133	6.34	6.41	1.76	1.78	1.1	70 - 130	25	I
Ethylbenzene	ND	0.250	ND	1.08	98	ND	ND	ND	ND	NC	70 - 130	25	
Heptane	ND	0.250	ND	1.02	101	1.95	1.91	0.475	0.466	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.010	ND	0.11	65	ND	ND	ND	ND	NC	70 - 130	25	I
Hexane	ND	0.225	ND	0.79	106	1.62	1.61	0.460	0.457	NC	70 - 130	25	
Isopropylalcohol	ND	0.375	ND	0.92	107	312 E	297	127 E	121	4.8	70 - 130	25	
Isopropylbenzene	ND	0.250	ND	1.23	101	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.500	ND	2.17	102	2.52	2.56	0.581	0.591	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.225	ND	0.66	103	ND	ND	ND	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	102	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	1.50	ND	5.21	94	ND	ND	ND	ND	NC	70 - 130	25	
Naphthalene	ND	0.050	ND	0.26	65	1.07	1.09	0.204	0.209	NC	70 - 150		I
n-Butylbenzene	ND	0.250	ND	1.37	110	1.95	2.00	0.355	0.365	NC	70 - 130	25	
o-Xylene	ND	0.250	ND	1.08	97	ND	ND	ND	ND	NC	70 - 130	25	
Propylene	ND	0.250	ND	0.43	105	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.100	ND	0.43	100	0.87	0.83	0.205	0.195	NC	70 - 130	25	
Tetrachloroethene	ND	0.050	ND	0.34	98	ND	ND	ND	ND	NC	70 - 130	25	
Tetrahydrofuran	ND	0.250	ND	0.74	101	0.92	1.13	0.312	0.384	NC	70 - 130	25	
Toluene	ND	0.250	ND	0.94	102	3.69	3.72	0.981	0.988	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	105	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	92	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.025	ND	0.13	103	2.47	2.50	0.459	0.465	1.3	70 - 130	25	
Trichlorofluoromethane	ND	0.250	ND	1.40	103	4.65	4.63	0.828	0.825	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.250	ND	1.91	104	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.010	ND	0.03	111	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	93	%	93	%	96	97	98	97	98	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	103	%	103	%	100	98	102	98	102	NC	60 - 140	25	
% IS-Bromochloromethane	106	%	106	%	103	101	105	101	105	NC	60 - 140	25	
% IS-Chlorobenzene-d5	101	%	101	%	108	94	96	94	96	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 28, 2021

Tuesday, December 28, 2021

Criteria: MA: Indoor Res

State: MA

Sample Criteria Exceedances Report

GCK04448 - SAGE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK04448	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.005	0.001	0.001	ppbv
CK04448	$AIRMA_TO15	Bromodichloromethane	MA / Vapor Intrusion / Residential	0.025	0.010	0.02	0.02	ppbv
CK04448	$AIRMA_TO15	Cis-1,2-Dichloroethene	MA / Vapor Intrusion / Residential	0.250	0.100	0.2	0.2	ppbv
CK04448	$AIRMA_TO15	Tetrachloroethene	MA / Vapor Intrusion / Residential	0.997	0.050	0.21	0.21	ppbv
CK04448	$AIRMA_TO15	Trichloroethene	MA / Vapor Intrusion / Residential	1.55	0.025	0.075	0.075	ppbv
CK04448	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.0400	0.0078	0.0078	ug/m3
CK04449	$AIRMA_TO15	Trichloroethene	MA / Vapor Intrusion / Residential	0.096	0.025	0.075	0.075	ppbv
CK04449	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.005	0.001	0.001	ppbv
CK04449	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.0400	0.0078	0.0078	ug/m3
CK04450	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.005	0.001	0.001	ppbv
CK04450	$AIRMA_TO15	Bromodichloromethane	MA / Vapor Intrusion / Residential	0.032	0.010	0.02	0.02	ppbv
CK04450	$AIRMA_TO15	Cis-1,2-Dichloroethene	MA / Vapor Intrusion / Residential	0.286	0.100	0.2	0.2	ppbv
CK04450	$AIRMA_TO15	Tetrachloroethene	MA / Vapor Intrusion / Residential	1.67	0.050	0.21	0.21	ppbv
CK04450	$AIRMA_TO15	Trichloroethene	MA / Vapor Intrusion / Residential	2.63	0.025	0.075	0.075	ppbv
CK04450	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.0400	0.0078	0.0078	ug/m3
CK04451	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.005	0.001	0.001	ppbv
CK04451	$AIRMA_TO15	1,2-Dibromoethane(EDB)	MA / Vapor Intrusion / Residential	ND	0.0400	0.0078	0.0078	ug/m3

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 28, 2021 SDG I.D.: GCK04448

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Individual Canister Certification

December 28, 2021

Sample Information

Matrix: AIR
Canister Id: 355
Certification Date: 12/15/21 2:07 AM
Data File: H:\AIR2021\CHEM20\12DEC\14\1214_21.D\1214_21-20_AIR_1214.rr
Project ID: S3977
Client ID: SE-IA-102

SDG ID: GCK04448
Phoenix ID: CK04448

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.5	1,1,1-Trichloroethane	<0.5
1,1,2,2-Tetrachloroethane	<0.02	1,1,2-Trichloroethane	<0.02
1,1-Dichloroethane	<0.15	1,1-Dichloroethene	<0.2
1,2,4-Trichlorobenzene	<0.054	1,2,4-Trimethylbenzene	<0.5
1,2-Dibromoethane(EDB)	<0.02	1,2-Dichlorobenzene	<0.1
1,2-Dichloroethane	<0.02	1,2-dichloropropane	<0.02
1,2-Dichlorotetrafluoroethane	<0.5	1,3,5-Trimethylbenzene	<0.5
1,3-Butadiene	<0.5	1,3-Dichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.08	1,4-Dioxane	<0.13
2-Hexanone(MBK)	<0.5	4-Ethyltoluene	<0.5
4-Isopropyltoluene	<0.5	4-Methyl-2-pentanone(MIBK)	<0.5
Acetone	<0.75	Acrylonitrile	<0.5
Benzene	<0.2	Benzyl chloride	<0.5
Bromodichloromethane	<0.02	Bromoform	<0.15
Bromomethane	<0.14	Carbon Disulfide	<0.5
Carbon Tetrachloride	<0.086	Chlorobenzene	<0.2
Chloroethane	<0.5	Chloroform	<0.2
Chloromethane	<0.5	Cis-1,2-Dichloroethene	<0.2
cis-1,3-Dichloropropene	<0.10	Cyclohexane	<0.5
Dibromochloromethane	<0.02	Dichlorodifluoromethane	<0.5
Ethanol	<0.75	Ethyl acetate	<0.5
Ethylbenzene	<0.5	Heptane	<0.5
Hexachlorobutadiene	<0.02	Hexane	<0.45
Isopropylalcohol	<0.75	Isopropylbenzene	<0.5
m,p-Xylene	<1.0	Methyl Ethyl Ketone	<0.45
Methyl tert-butyl ether(MTBE)	<0.5	Methylene Chloride	<3.0
n-Butylbenzene	<0.5	Naphthalene	<0.10
o-Xylene	<0.5	Propylene	<0.5
sec-Butylbenzene	<0.5	Styrene	<0.2
Tetrachloroethene	<0.10	Tetrahydrofuran	<0.5
Toluene	<0.5	Trans-1,2-Dichloroethene	<0.2
trans-1,3-Dichloropropene	<0.5	Trichloroethene	<0.05
Trichlorofluoromethane	<0.5	Trichlorotrifluoroethane	<0.5
Vinyl Chloride	<0.1		

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Individual Canister Certification

December 28, 2021

Sample Information

Matrix: AIR
Canister Id: 16011
Certification Date: 12/15/21 2:45 AM
Data File: H:\AIR2021\CHEM20\12DEC\14\1214_22.D\1214_22-20_AIR_1214.rr
Project ID: S3977
Client ID: SE-IA-103

SDG ID: GCK04448
Phoenix ID: CK04449

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.5	1,1,1-Trichloroethane	<0.5
1,1,2,2-Tetrachloroethane	<0.02	1,1,2-Trichloroethane	<0.02
1,1-Dichloroethane	<0.15	1,1-Dichloroethene	<0.2
1,2,4-Trichlorobenzene	<0.054	1,2,4-Trimethylbenzene	<0.5
1,2-Dibromoethane(EDB)	<0.02	1,2-Dichlorobenzene	<0.1
1,2-Dichloroethane	<0.02	1,2-dichloropropane	<0.02
1,2-Dichlorotetrafluoroethane	<0.5	1,3,5-Trimethylbenzene	<0.5
1,3-Butadiene	<0.5	1,3-Dichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.08	1,4-Dioxane	<0.13
2-Hexanone(MBK)	<0.5	4-Ethyltoluene	<0.5
4-Isopropyltoluene	<0.5	4-Methyl-2-pentanone(MIBK)	<0.5
Acetone	<0.75	Acrylonitrile	<0.5
Benzene	<0.2	Benzyl chloride	<0.5
Bromodichloromethane	<0.02	Bromoform	<0.15
Bromomethane	<0.14	Carbon Disulfide	<0.5
Carbon Tetrachloride	<0.086	Chlorobenzene	<0.2
Chloroethane	<0.5	Chloroform	<0.2
Chloromethane	<0.5	Cis-1,2-Dichloroethene	<0.2
cis-1,3-Dichloropropene	<0.10	Cyclohexane	<0.5
Dibromochloromethane	<0.02	Dichlorodifluoromethane	<0.5
Ethanol	<0.75	Ethyl acetate	<0.5
Ethylbenzene	<0.5	Heptane	<0.5
Hexachlorobutadiene	<0.02	Hexane	<0.45
Isopropylalcohol	<0.75	Isopropylbenzene	<0.5
m,p-Xylene	<1.0	Methyl Ethyl Ketone	<0.45
Methyl tert-butyl ether(MTBE)	<0.5	Methylene Chloride	<3.0
n-Butylbenzene	<0.5	Naphthalene	<0.10
o-Xylene	<0.5	Propylene	<0.5
sec-Butylbenzene	<0.5	Styrene	<0.2
Tetrachloroethene	<0.10	Tetrahydrofuran	<0.5
Toluene	<0.5	Trans-1,2-Dichloroethene	<0.2
trans-1,3-Dichloropropene	<0.5	Trichloroethene	<0.05
Trichlorofluoromethane	<0.5	Trichlorotrifluoroethane	<0.5
Vinyl Chloride	<0.1		

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Individual Canister Certification

December 28, 2021

Sample Information

Matrix: AIR
Canister Id: 28565
Certification Date: 12/15/21 5:19 AM
Data File: H:\AIR2021\CHEM20\12DEC\14\1214_26.D\1214_26-20_AIR_1214.rr
Project ID: S3977
Client ID: SE-IA-101

SDG ID: GCK04448
Phoenix ID: CK04450

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.5	1,1,1-Trichloroethane	<0.5
1,1,2,2-Tetrachloroethane	<0.02	1,1,2-Trichloroethane	<0.02
1,1-Dichloroethane	<0.15	1,1-Dichloroethene	<0.2
1,2,4-Trichlorobenzene	<0.054	1,2,4-Trimethylbenzene	<0.5
1,2-Dibromoethane(EDB)	<0.02	1,2-Dichlorobenzene	<0.1
1,2-Dichloroethane	<0.02	1,2-dichloropropane	<0.02
1,2-Dichlorotetrafluoroethane	<0.5	1,3,5-Trimethylbenzene	<0.5
1,3-Butadiene	<0.5	1,3-Dichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.08	1,4-Dioxane	<0.13
2-Hexanone(MBK)	<0.5	4-Ethyltoluene	<0.5
4-Isopropyltoluene	<0.5	4-Methyl-2-pentanone(MIBK)	<0.5
Acetone	<0.75	Acrylonitrile	<0.5
Benzene	<0.2	Benzyl chloride	<0.5
Bromodichloromethane	<0.02	Bromoform	<0.15
Bromomethane	<0.14	Carbon Disulfide	<0.5
Carbon Tetrachloride	<0.086	Chlorobenzene	<0.2
Chloroethane	<0.5	Chloroform	<0.2
Chloromethane	<0.5	Cis-1,2-Dichloroethene	<0.2
cis-1,3-Dichloropropene	<0.10	Cyclohexane	<0.5
Dibromochloromethane	<0.02	Dichlorodifluoromethane	<0.5
Ethanol	<0.75	Ethyl acetate	<0.5
Ethylbenzene	<0.5	Heptane	<0.5
Hexachlorobutadiene	<0.02	Hexane	<0.45
Isopropylalcohol	<0.75	Isopropylbenzene	<0.5
m,p-Xylene	<1.0	Methyl Ethyl Ketone	<0.45
Methyl tert-butyl ether(MTBE)	<0.5	Methylene Chloride	<3.0
n-Butylbenzene	<0.5	Naphthalene	<0.10
o-Xylene	<0.5	Propylene	<0.5
sec-Butylbenzene	<0.5	Styrene	<0.2
Tetrachloroethene	<0.10	Tetrahydrofuran	<0.5
Toluene	<0.5	Trans-1,2-Dichloroethene	<0.2
trans-1,3-Dichloropropene	<0.5	Trichloroethene	<0.05
Trichlorofluoromethane	<0.5	Trichlorotrifluoroethane	<0.5
Vinyl Chloride	<0.1		

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Individual Canister Certification

December 28, 2021

Sample Information

Matrix: AIR
Canister Id: 28610
Certification Date: 12/15/21 10:04 AM
Data File: H:\AIR2021\CHEM20\12DEC\14\1214_28.D\1214_28-20_AIR_1214.rr
Project ID: S3977
Client ID: SE-AA-101

SDG ID: GCK04448
Phoenix ID: CK04451

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.5	1,1,1-Trichloroethane	<0.5
1,1,2,2-Tetrachloroethane	<0.02	1,1,2-Trichloroethane	<0.02
1,1-Dichloroethane	<0.15	1,1-Dichloroethene	<0.2
1,2,4-Trichlorobenzene	<0.054	1,2,4-Trimethylbenzene	<0.5
1,2-Dibromoethane(EDB)	<0.02	1,2-Dichlorobenzene	<0.1
1,2-Dichloroethane	<0.02	1,2-dichloropropane	<0.02
1,2-Dichlorotetrafluoroethane	<0.5	1,3,5-Trimethylbenzene	<0.5
1,3-Butadiene	<0.5	1,3-Dichlorobenzene	<0.1
1,4-Dichlorobenzene	<0.08	1,4-Dioxane	<0.13
2-Hexanone(MBK)	<0.5	4-Ethyltoluene	<0.5
4-Isopropyltoluene	<0.5	4-Methyl-2-pentanone(MIBK)	<0.5
Acetone	<0.75	Acrylonitrile	<0.5
Benzene	<0.2	Benzyl chloride	<0.5
Bromodichloromethane	<0.02	Bromoform	<0.15
Bromomethane	<0.14	Carbon Disulfide	<0.5
Carbon Tetrachloride	<0.086	Chlorobenzene	<0.2
Chloroethane	<0.5	Chloroform	<0.2
Chloromethane	<0.5	Cis-1,2-Dichloroethene	<0.2
cis-1,3-Dichloropropene	<0.10	Cyclohexane	<0.5
Dibromochloromethane	<0.02	Dichlorodifluoromethane	<0.5
Ethanol	<0.75	Ethyl acetate	<0.5
Ethylbenzene	<0.5	Heptane	<0.5
Hexachlorobutadiene	<0.02	Hexane	<0.45
Isopropylalcohol	<0.75	Isopropylbenzene	<0.5
m,p-Xylene	<1.0	Methyl Ethyl Ketone	<0.45
Methyl tert-butyl ether(MTBE)	<0.5	Methylene Chloride	<3.0
n-Butylbenzene	<0.5	Naphthalene	<0.10
o-Xylene	<0.5	Propylene	<0.5
sec-Butylbenzene	<0.5	Styrene	<0.2
Tetrachloroethene	<0.10	Tetrahydrofuran	<0.5
Toluene	<0.5	Trans-1,2-Dichloroethene	<0.2
trans-1,3-Dichloropropene	<0.5	Trichloroethene	<0.05
Trichlorofluoromethane	<0.5	Trichlorotrifluoroethane	<0.5
Vinyl Chloride	<0.1		

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES
800-827-5426
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☐ Email:
☐ Phone #:

Report to: Jeff D'Arrigo	Project Name: [redacted] S3977	Data Format: (Circle) Equis Excel Other:
Customer: SAGE ENV.	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address:		MCP NJ Deliverables
	Sampled by: JMB	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
04448	SE-IA-102	355	6.0	-30	-10	3263	3.8	8:32	8:32	12/20	-29	-9	x		C	✓	
04449	SE-IA-103	16011	↓	↓	0	7025	↓	8:36	8:36	12/20	-30	-5	x		C	✓	
04450	SE-IA-101	28565	↓	↓	0	2890	↓	8:26	8:26	12/20	-30	-2	x		C	✓	
04451	SE-AA-101	28610	↓	↓	0	3413	↓	8:40	8:40	12/20	-30	-5	x		C	✓	
(4)	6L Can 24hr																

Relinquished by:	Accepted by:	Date:	Time:
		12-22-21	1000
		12/22/21	1317

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: RI

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Achieve MassDEP Residential Indoor Air Detection Limits

Turnaround Time:
- ☐ 1 Day
- ☐ 2 Day
- ☐ 3 Day
- ☐ 4 Day
- ☑ 5 Day

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air: Residential	Indoor Air: Residential	Vapor Intrusion	Indoor Air Residential	Indoor Air Residential
TAC RES	Ind/Commercial	Ind/Commercial		Non-residential	Industrial
SVVC I/C	Soil Gas: Residential	Soil Gas: Residential			Sub-slab Residential
SVVC RES	Ind/Commercial	Ind/Commercial			Industrial
GWV I/C					
GWV CES					

PEL-115 Rev. 9/2019

Monday, January 03, 2022

Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Project ID: **S3977**
SDG ID: **GCK04452**
Sample ID#s: CK04452 - CK04457

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

January 03, 2022

SDG I.D.: GCK04452

Project ID: S3977

Client Id	Lab Id	Matrix
SE-201 (0`-2`)	CK04452	SOIL
SE-202 (0`-2`)	CK04453	SOIL
SE-203 (0`-2`)	CK04454	SOIL
SE-204 (2`-4`)	CK04455	SOIL
SE-205 (4`-6`)	CK04456	SOIL
SE-203 (4`-6`)	CK04457	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	9:30
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04452

Project ID: S3977
Client ID: SE-201 (0`-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0033	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
2-Hexanone	ND	0.027	mg/Kg	1	12/28/21	JLI	SW8260C

Project ID: S3977
Client ID: SE-201 (0`-2`)

Phoenix I.D.: CK04452

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.027	mg/Kg	1	12/28/21	JLI	SW8260C
Acetone	ND	0.27	mg/Kg	1	12/28/21	JLI	SW8260C
Acrylonitrile	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Benzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Bromobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Bromochloromethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Bromodichloromethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Bromoform	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Bromomethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon Disulfide	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Chlorobenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroform	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Chloromethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromochloromethane	ND	0.0033	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromomethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Ethylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Isopropylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
m&p-Xylene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.033	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Methylene chloride	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Naphthalene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
n-Butylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
n-Propylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
o-Xylene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Styrene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrachloroethene	0.26	0.22	mg/Kg	50	12/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Toluene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Total Xylenes	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Trichloroethene	0.4	0.22	mg/Kg	50	12/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Vinyl chloride	ND	0.0054	mg/Kg	1	12/28/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-201 (0`-2`)

Phoenix I.D.: CK04452

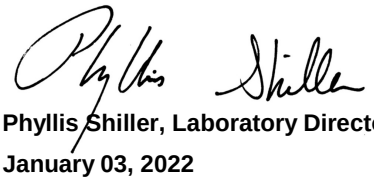
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	100		%	1	12/28/21	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	12/28/21	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	12/28/21	JLI	70 - 130 %
% Toluene-d8	97		%	1	12/28/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	12/30/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	94		%	50	12/30/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95		%	50	12/30/21	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	12/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	10:30
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04453

Project ID: S3977
Client ID: SE-202 (0`-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0036	mg/Kg	1	12/30/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
2-Hexanone	ND	0.03	mg/Kg	1	12/30/21	JLI	SW8260C

Project ID: S3977
Client ID: SE-202 (0`-2`)

Phoenix I.D.: CK04453

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.03	mg/Kg	1	12/30/21	JLI	SW8260C
Acetone	ND	0.3	mg/Kg	1	12/30/21	JLI	SW8260C
Acrylonitrile	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Benzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Bromobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Bromochloromethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Bromodichloromethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Bromoform	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Bromomethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Carbon Disulfide	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Chlorobenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Chloroethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Chloroform	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Chloromethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Dibromochloromethane	ND	0.0036	mg/Kg	1	12/30/21	JLI	SW8260C
Dibromomethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Ethylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Isopropylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
m&p-Xylene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.036	mg/Kg	1	12/30/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.012	mg/Kg	1	12/30/21	JLI	SW8260C
Methylene chloride	ND	0.012	mg/Kg	1	12/30/21	JLI	SW8260C
Naphthalene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
n-Butylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
n-Propylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
o-Xylene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Styrene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Tetrachloroethene	0.86	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.012	mg/Kg	1	12/30/21	JLI	SW8260C
Toluene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Total Xylenes	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.012	mg/Kg	1	12/30/21	JLI	SW8260C
Trichloroethene	0.77	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.012	mg/Kg	1	12/30/21	JLI	SW8260C
Vinyl chloride	ND	0.0059	mg/Kg	1	12/30/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-202 (0`-2`)

Phoenix I.D.: CK04453

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	12/30/21	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	12/30/21	JLI	70 - 130 %
% Dibromofluoromethane	70		%	1	12/30/21	JLI	70 - 130 %
% Toluene-d8	98		%	1	12/30/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	12/30/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	94		%	50	12/30/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	91		%	50	12/30/21	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	12/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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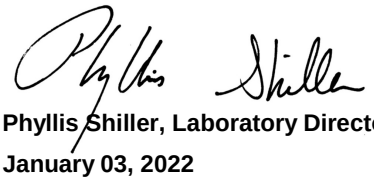


Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	11:30
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04454

Project ID: S3977
Client ID: SE-203 (0`-2`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0022	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
2-Hexanone	ND	0.018	mg/Kg	1	12/28/21	JLI	SW8260C

Project ID: S3977
Client ID: SE-203 (0`-2`)

Phoenix I.D.: CK04454

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.018	mg/Kg	1	12/28/21	JLI	SW8260C
Acetone	ND	0.18	mg/Kg	1	12/28/21	JLI	SW8260C
Acrylonitrile	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Benzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Bromobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Bromochloromethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Bromodichloromethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Bromoform	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Bromomethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon Disulfide	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Chlorobenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroform	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Chloromethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromochloromethane	ND	0.0022	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromomethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Ethylbenzene	0.57	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Isopropylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
m&p-Xylene	0.27	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.022	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.0073	mg/Kg	1	12/28/21	JLI	SW8260C
Methylene chloride	ND	0.0073	mg/Kg	1	12/28/21	JLI	SW8260C
Naphthalene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
n-Butylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
n-Propylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
o-Xylene	0.22	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Styrene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrachloroethene	0.0042	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.0073	mg/Kg	1	12/28/21	JLI	SW8260C
Toluene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Total Xylenes	0.49	0.21	mg/Kg	50	12/30/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.0073	mg/Kg	1	12/28/21	JLI	SW8260C
Trichloroethene	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.0073	mg/Kg	1	12/28/21	JLI	SW8260C
Vinyl chloride	ND	0.0037	mg/Kg	1	12/28/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-203 (0`-2`)

Phoenix I.D.: CK04454

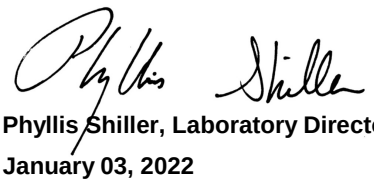
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	12/28/21	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	12/28/21	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	12/28/21	JLI	70 - 130 %
% Toluene-d8	101		%	1	12/28/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	96		%	50	12/30/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96		%	50	12/30/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	101		%	50	12/30/21	JLI	70 - 130 %
% Toluene-d8 (50x)	94		%	50	12/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	12:30
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04455

Project ID: S3977
Client ID: SE-204 (2`-4`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0032	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
2-Hexanone	ND	0.027	mg/Kg	1	12/28/21	JLI	SW8260C

Project ID: S3977

Client ID: SE-204 (2`-4`)

Phoenix I.D.: CK04455

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.027	mg/Kg	1	12/28/21	JLI	SW8260C
Acetone	ND	0.27	mg/Kg	1	12/28/21	JLI	SW8260C
Acrylonitrile	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Benzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Bromobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Bromochloromethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Bromodichloromethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Bromoform	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Bromomethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon Disulfide	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Chlorobenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroform	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Chloromethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromochloromethane	ND	0.0032	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromomethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Ethylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Isopropylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
m&p-Xylene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.032	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Methylene chloride	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Naphthalene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
n-Butylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
n-Propylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
o-Xylene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Styrene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrachloroethene	0.16	0.15	mg/Kg	50	12/30/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Toluene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Total Xylenes	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Trichloroethene	0.085	0.083	mg/Kg	50	12/30/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Vinyl chloride	ND	0.0053	mg/Kg	1	12/28/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-204 (2`-4`)

Phoenix I.D.: CK04455

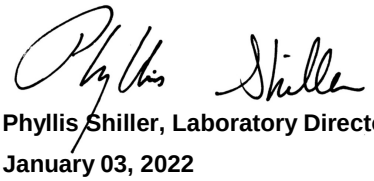
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	12/28/21	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	12/28/21	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	12/28/21	JLI	70 - 130 %
% Toluene-d8	99		%	1	12/28/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	95		%	50	12/30/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97		%	50	12/30/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	12/30/21	JLI	70 - 130 %
% Toluene-d8 (50x)	93		%	50	12/30/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	13:30
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04456

Project ID: S3977
Client ID: SE-205 (4`-6`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0029	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
2-Hexanone	ND	0.024	mg/Kg	1	12/28/21	JLI	SW8260C

Project ID: S3977
Client ID: SE-205 (4`-6`)

Phoenix I.D.: CK04456

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.024	mg/Kg	1	12/28/21	JLI	SW8260C
Acetone	ND	0.24	mg/Kg	1	12/28/21	JLI	SW8260C
Acrylonitrile	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Benzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Bromobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Bromochloromethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Bromodichloromethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Bromoform	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Bromomethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon Disulfide	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Chlorobenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroform	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Chloromethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromochloromethane	ND	0.0029	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromomethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Ethylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Isopropylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
m&p-Xylene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.029	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.0098	mg/Kg	1	12/28/21	JLI	SW8260C
Methylene chloride	ND	0.0098	mg/Kg	1	12/28/21	JLI	SW8260C
Naphthalene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
n-Butylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
n-Propylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
o-Xylene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Styrene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrachloroethene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.0098	mg/Kg	1	12/28/21	JLI	SW8260C
Toluene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Total Xylenes	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.0098	mg/Kg	1	12/28/21	JLI	SW8260C
Trichloroethene	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.0098	mg/Kg	1	12/28/21	JLI	SW8260C
Vinyl chloride	ND	0.0049	mg/Kg	1	12/28/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-205 (4`-6`)

Phoenix I.D.: CK04456

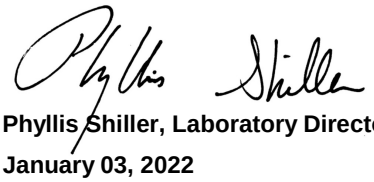
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	101		%	1	12/28/21	JLI	70 - 130 %
% Bromofluorobenzene	86		%	1	12/28/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	12/28/21	JLI	70 - 130 %
% Toluene-d8	98		%	1	12/28/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 03, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/21/21	11:40
Location Code:	SAGE	Received by:	CP	12/22/21	13:17
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK04452
Phoenix ID: CK04457

Project ID: S3977
Client ID: SE-203 (4`-6`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		12/23/21	C	SW846-%Solid
Field Extraction	Completed				12/21/21		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0034	mg/Kg	1	12/28/21	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloroethene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,1-Dichloropropene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dibromoethane	ND	0.00057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,2-Dichloropropane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,3-Dichloropropane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
2,2-Dichloropropane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
2-Chlorotoluene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
2-Hexanone	ND	0.028	mg/Kg	1	12/28/21	JLI	SW8260C

Project ID: S3977

Client ID: SE-203 (4`-6`)

Phoenix I.D.: CK04457

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
4-Chlorotoluene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.028	mg/Kg	1	12/28/21	JLI	SW8260C
Acetone	ND	0.28	mg/Kg	1	12/28/21	JLI	SW8260C
Acrylonitrile	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Benzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Bromobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Bromochloromethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Bromodichloromethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Bromoform	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Bromomethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon Disulfide	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Carbon tetrachloride	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Chlorobenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Chloroform	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Chloromethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromochloromethane	ND	0.0034	mg/Kg	1	12/28/21	JLI	SW8260C
Dibromomethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Ethylbenzene	0.0083	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Hexachlorobutadiene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Isopropylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
m&p-Xylene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.034	mg/Kg	1	12/28/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Methylene chloride	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Naphthalene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
n-Butylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
n-Propylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
o-Xylene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
sec-Butylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Styrene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
tert-Butylbenzene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrachloroethene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Toluene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Total Xylenes	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Trichloroethene	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorofluoromethane	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.011	mg/Kg	1	12/28/21	JLI	SW8260C
Vinyl chloride	ND	0.0057	mg/Kg	1	12/28/21	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-203 (4`-6`)

Phoenix I.D.: CK04457

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	100		%	1	12/28/21	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	12/28/21	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	12/28/21	JLI	70 - 130 %
% Toluene-d8	100		%	1	12/28/21	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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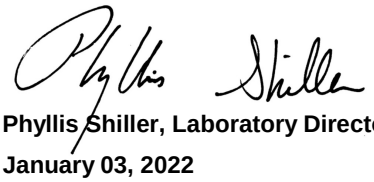


Phyllis Shiller, Laboratory Director

January 03, 2022

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

January 03, 2022

QA/QC Data

SDG I.D.: GCK04452

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 606679 (mg/Kg), QC Sample No: CK03724 (CK04453)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	96	109	12.7	105	108	2.8	70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	93	106	13.1	99	101	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	91	98	7.4	100	101	1.0	70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	92	101	9.3	101	103	2.0	70 - 130	30	
1,1-Dichloroethane	ND	0.005	93	104	11.2	101	103	2.0	70 - 130	30	
1,1-Dichloroethene	ND	0.005	89	104	15.5	94	97	3.1	70 - 130	30	
1,1-Dichloropropene	ND	0.005	94	109	14.8	102	105	2.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	91	103	12.4	99	103	4.0	70 - 130	30	
1,2,3-Trichloropropane	ND	0.005	95	101	6.1	101	102	1.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	92	105	13.2	100	104	3.9	70 - 130	30	
1,2,4-Trimethylbenzene	ND	0.001	92	107	15.1	102	106	3.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	96	101	5.1	101	102	1.0	70 - 130	30	
1,2-Dibromoethane	ND	0.005	96	105	9.0	104	106	1.9	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	89	101	12.6	99	102	3.0	70 - 130	30	
1,2-Dichloroethane	ND	0.005	92	101	9.3	98	99	1.0	70 - 130	30	
1,2-Dichloropropane	ND	0.005	93	104	11.2	103	105	1.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	96	111	14.5	105	109	3.7	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	91	104	13.3	100	104	3.9	70 - 130	30	
1,3-Dichloropropane	ND	0.005	96	105	9.0	105	106	0.9	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	89	102	13.6	98	101	3.0	70 - 130	30	
2,2-Dichloropropane	ND	0.005	98	112	13.3	101	103	2.0	70 - 130	30	
2-Chlorotoluene	ND	0.005	94	109	14.8	105	109	3.7	70 - 130	30	
2-Hexanone	ND	0.025	93	97	4.2	98	100	2.0	70 - 130	30	
2-Isopropyltoluene	ND	0.005	94	109	14.8	103	106	2.9	70 - 130	30	
4-Chlorotoluene	ND	0.005	93	107	14.0	103	106	2.9	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	95	100	5.1	101	102	1.0	70 - 130	30	
Acetone	ND	0.01	80	86	7.2	91	91	0.0	70 - 130	30	
Acrylonitrile	ND	0.005	90	94	4.3	94	96	2.1	70 - 130	30	
Benzene	ND	0.001	91	104	13.3	101	103	2.0	70 - 130	30	
Bromobenzene	ND	0.005	94	106	12.0	104	107	2.8	70 - 130	30	
Bromochloromethane	ND	0.005	91	102	11.4	102	103	1.0	70 - 130	30	
Bromodichloromethane	ND	0.005	91	103	12.4	100	102	2.0	70 - 130	30	
Bromoform	ND	0.005	96	104	8.0	100	102	2.0	70 - 130	30	
Bromomethane	ND	0.005	91	105	14.3	96	98	2.1	70 - 130	30	
Carbon Disulfide	ND	0.005	85	99	15.2	87	88	1.1	70 - 130	30	
Carbon tetrachloride	ND	0.005	85	118	32.5	88	111	23.1	70 - 130	30	r
Chlorobenzene	ND	0.005	92	105	13.2	102	104	1.9	70 - 130	30	
Chloroethane	ND	0.005	90	107	17.3	93	94	1.1	70 - 130	30	
Chloroform	ND	0.005	92	103	11.3	99	102	3.0	70 - 130	30	
Chloromethane	ND	0.005	84	95	12.3	84	86	2.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	92	104	12.2	101	103	2.0	70 - 130	30	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,3-Dichloropropene	ND	0.005	96	108	11.8	105	108	2.8	70 - 130	30
Dibromochloromethane	ND	0.003	95	105	10.0	104	105	1.0	70 - 130	30
Dibromomethane	ND	0.005	93	102	9.2	102	103	1.0	70 - 130	30
Dichlorodifluoromethane	ND	0.005	78	88	12.0	72	72	0.0	70 - 130	30
Ethylbenzene	ND	0.001	94	108	13.9	103	106	2.9	70 - 130	30
Hexachlorobutadiene	ND	0.005	95	112	16.4	88	94	6.6	70 - 130	30
Isopropylbenzene	ND	0.001	96	112	15.4	106	111	4.6	70 - 130	30
m&p-Xylene	ND	0.002	93	107	14.0	103	106	2.9	70 - 130	30
Methyl ethyl ketone	ND	0.005	91	90	1.1	92	92	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	0.001	93	101	8.2	100	101	1.0	70 - 130	30
Methylene chloride	ND	0.005	81	93	13.8	92	92	0.0	70 - 130	30
Naphthalene	ND	0.005	96	106	9.9	105	107	1.9	70 - 130	30
n-Butylbenzene	ND	0.001	95	112	16.4	101	106	4.8	70 - 130	30
n-Propylbenzene	ND	0.001	94	110	15.7	106	109	2.8	70 - 130	30
o-Xylene	ND	0.002	94	108	13.9	105	107	1.9	70 - 130	30
p-Isopropyltoluene	ND	0.001	96	113	16.3	105	109	3.7	70 - 130	30
sec-Butylbenzene	ND	0.001	96	112	15.4	104	108	3.8	70 - 130	30
Styrene	ND	0.005	98	111	12.4	108	111	2.7	70 - 130	30
tert-Butylbenzene	ND	0.001	96	112	15.4	106	110	3.7	70 - 130	30
Tetrahydrofuran (THF)	ND	0.005	88	92	4.4	93	94	1.1	70 - 130	30
Toluene	ND	0.001	91	104	13.3	101	104	2.9	70 - 130	30
trans-1,2-Dichloroethene	ND	0.005	91	105	14.3	97	99	2.0	70 - 130	30
trans-1,3-Dichloropropene	ND	0.005	99	108	8.7	105	108	2.8	70 - 130	30
trans-1,4-dichloro-2-butene	ND	0.005	102	108	5.7	105	107	1.9	70 - 130	30
Trichlorofluoromethane	ND	0.005	93	108	14.9	93	95	2.1	70 - 130	30
Trichlorotrifluoroethane	ND	0.005	82	96	15.7	85	88	3.5	70 - 130	30
Vinyl chloride	ND	0.005	91	104	13.3	93	94	1.1	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	95	%	102	101	1.0	101	100	1.0	70 - 130	30
% Dibromofluoromethane	100	%	101	100	1.0	100	98	2.0	70 - 130	30
% Toluene-d8	98	%	100	100	0.0	100	101	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 606679H (mg/Kg), QC Sample No: CK03724 (CK04452 (50X) , CK04453 (50X))

Volatiles - Soil (High Level)

Tetrachloroethene	ND	0.005	117	119	1.7	103	115	11.0	70 - 130	30
Trichloroethene	ND	0.005	114	114	0.0	100	111	10.4	70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	99	99	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	94	%	101	100	1.0	100	99	1.0	70 - 130	30
% Dibromofluoromethane	95	%	93	95	2.1	94	96	2.1	70 - 130	30
% Toluene-d8	98	%	100	100	0.0	99	99	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 606393 (mg/Kg), QC Sample No: CK04456 (CK04452, CK04454, CK04455, CK04456, CK04457)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	0.005	114	110	3.6	105	104	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	0.005	108	103	4.7	100	92	8.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.003	97	91	6.4	89	77	14.5	70 - 130	30
1,1,2-Trichloroethane	ND	0.005	97	89	8.6	83	77	7.5	70 - 130	30
1,1-Dichloroethane	ND	0.005	96	92	4.3	91	84	8.0	70 - 130	30

QA/QC Data

SDG I.D.: GCK04452

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloroethene	ND	0.005	119	116	2.6	116	118	1.7	70 - 130	30	
1,1-Dichloropropene	ND	0.005	96	92	4.3	87	77	12.2	70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	104	99	4.9	64	56	13.3	70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	109	104	4.7	99	97	2.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	109	102	6.6	63	55	13.6	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	108	103	4.7	92	88	4.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	0.005	100	92	8.3	80	76	5.1	70 - 130	30	
1,2-Dibromoethane	ND	0.005	102	92	10.3	87	83	4.7	70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	111	107	3.7	92	87	5.6	70 - 130	30	
1,2-Dichloroethane	ND	0.005	103	99	4.0	95	86	9.9	70 - 130	30	
1,2-Dichloropropane	ND	0.005	89	85	4.6	82	74	10.3	70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	109	105	3.7	94	90	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	105	99	5.9	84	81	3.6	70 - 130	30	
1,3-Dichloropropane	ND	0.005	101	95	6.1	87	81	7.1	70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	109	105	3.7	88	84	4.7	70 - 130	30	
2,2-Dichloropropane	ND	0.005	123	118	4.1	108	98	9.7	70 - 130	30	
2-Chlorotoluene	ND	0.005	105	99	5.9	92	86	6.7	70 - 130	30	
2-Hexanone	ND	0.025	93	83	11.4	71	68	4.3	70 - 130	30	m
2-Isopropyltoluene	ND	0.005	107	105	1.9	92	88	4.4	70 - 130	30	
4-Chlorotoluene	ND	0.005	106	101	4.8	90	85	5.7	70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	93	90	3.3	80	71	11.9	70 - 130	30	
Acetone	ND	0.01	98	93	5.2	97	98	1.0	70 - 130	30	
Acrylonitrile	ND	0.005	90	83	8.1	77	67	13.9	70 - 130	30	m
Benzene	ND	0.001	98	95	3.1	92	89	3.3	70 - 130	30	
Bromobenzene	ND	0.005	104	99	4.9	92	87	5.6	70 - 130	30	
Bromochloromethane	ND	0.005	107	100	6.8	98	95	3.1	70 - 130	30	
Bromodichloromethane	ND	0.005	98	93	5.2	88	83	5.8	70 - 130	30	
Bromoform	ND	0.005	116	113	2.6	104	102	1.9	70 - 130	30	
Bromomethane	ND	0.005	125	117	6.6	123	129	4.8	70 - 130	30	
Carbon Disulfide	ND	0.005	112	110	1.8	104	100	3.9	70 - 130	30	
Carbon tetrachloride	ND	0.005	126	121	4.0	116	109	6.2	70 - 130	30	
Chlorobenzene	ND	0.005	110	105	4.7	99	98	1.0	70 - 130	30	
Chloroethane	ND	0.005	118	115	2.6	115	120	4.3	70 - 130	30	
Chloroform	ND	0.005	102	99	3.0	97	89	8.6	70 - 130	30	
Chloromethane	ND	0.005	68	64	6.1	61	59	3.3	70 - 130	30	l,m
cis-1,2-Dichloroethene	ND	0.005	99	95	4.1	92	85	7.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	0.005	100	94	6.2	87	79	9.6	70 - 130	30	
Dibromochloromethane	ND	0.003	104	100	3.9	93	88	5.5	70 - 130	30	
Dibromomethane	ND	0.005	99	91	8.4	88	81	8.3	70 - 130	30	
Dichlorodifluoromethane	ND	0.005	72	69	4.3	65	62	4.7	70 - 130	30	l,m
Ethylbenzene	ND	0.001	110	106	3.7	97	96	1.0	70 - 130	30	
Hexachlorobutadiene	ND	0.005	97	95	2.1	55	47	15.7	70 - 130	30	m
Isopropylbenzene	ND	0.001	104	100	3.9	93	88	5.5	70 - 130	30	
m&p-Xylene	ND	0.002	113	108	4.5	100	99	1.0	70 - 130	30	
Methyl ethyl ketone	ND	0.005	90	80	11.8	71	67	5.8	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	0.001	124	119	4.1	118	118	0.0	70 - 130	30	
Methylene chloride	ND	0.005	102	99	3.0	105	107	1.9	70 - 130	30	
Naphthalene	ND	0.005	105	100	4.9	75	67	11.3	70 - 130	30	m
n-Butylbenzene	ND	0.001	108	104	3.8	78	74	5.3	70 - 130	30	
n-Propylbenzene	ND	0.001	106	100	5.8	89	86	3.4	70 - 130	30	
o-Xylene	ND	0.002	105	101	3.9	94	92	2.2	70 - 130	30	
p-Isopropyltoluene	ND	0.001	109	105	3.7	87	83	4.7	70 - 130	30	
sec-Butylbenzene	ND	0.001	107	103	3.8	88	85	3.5	70 - 130	30	

QA/QC Data

SDG I.D.: GCK04452

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Styrene	ND	0.005	112	108	3.6	99	97	2.0	70 - 130	30	
tert-Butylbenzene	ND	0.001	106	103	2.9	95	90	5.4	70 - 130	30	
Tetrachloroethene	ND	0.005	94	89	5.5	75	69	8.3	70 - 130	30	m
Tetrahydrofuran (THF)	ND	0.005	89	86	3.4	78	69	12.2	70 - 130	30	m
Toluene	ND	0.001	99	95	4.1	92	89	3.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	118	114	3.4	114	116	1.7	70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	115	108	6.3	100	91	9.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	131	123	6.3	107	104	2.8	70 - 130	30	l
Trichloroethene	ND	0.005	102	99	3.0	92	89	3.3	70 - 130	30	
Trichlorofluoromethane	ND	0.005	119	116	2.6	118	119	0.8	70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	110	107	2.8	108	108	0.0	70 - 130	30	
Vinyl chloride	ND	0.005	102	99	3.0	100	100	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	103	102	1.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	91	%	96	94	2.1	93	92	1.1	70 - 130	30	
% Dibromofluoromethane	94	%	95	94	1.1	93	89	4.4	70 - 130	30	
% Toluene-d8	98	%	93	92	1.1	93	91	2.2	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 606674H (mg/Kg), QC Sample No: CK07092 (CK04454 (50X) , CK04455 (50X))

Volatiles - Soil (High Level)

Ethylbenzene	ND	0.005	105	106	0.9	106	107	0.9	70 - 130	30	
m&p-Xylene	ND	0.005	102	103	1.0	103	104	1.0	70 - 130	30	
o-Xylene	ND	0.005	104	103	1.0	103	105	1.9	70 - 130	30	
Tetrachloroethene	ND	0.005	109	109	0.0	109	110	0.9	70 - 130	30	
Trichloroethene	ND	0.005	104	106	1.9	105	105	0.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	96	%	101	102	1.0	101	102	1.0	70 - 130	30	
% Bromofluorobenzene	96	%	100	100	0.0	99	99	0.0	70 - 130	30	
% Dibromofluoromethane	100	%	98	95	3.1	94	96	2.1	70 - 130	30	
% Toluene-d8	93	%	102	102	0.0	101	101	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 03, 2022

Monday, January 03, 2022

Criteria: RI: GB LEACH, RC

State: RI

Sample Criteria Exceedances Report

GCK04452 - SAGE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 03, 2022 SDG I.D.: GCK04452

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM03 12/28/21-1: CK04452, CK04454, CK04455, CK04456, CK04457

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 23% (20%), Chloroethane 24% (20%), Methylene chloride 22% (20%), trans-1,4-dichloro-2-butene 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.068 (0.1), Tetrachloroethene 0.164 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: Chloromethane 36%L (30%), Dichlorodifluoromethane 32%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM03 12/30/21-1: CK04452, CK04453

The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.057 (0.1), Tetrachloroethene 0.162 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Acetone 0.045 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: Acetone 0.057 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

CHAIN OF CUSTODY RECORD

Temp 2.2 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☐ Email:

Customer: SAGE ENVIRONMENTAL
Address: 172 ARMISTICE BLVD
PAWTUCKET, RI 02860

Project: [redacted] S3977
Report to:
Invoice to:
QUOTE #
Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 12/21/21

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [2] H2O	GL Soil container (&)oz	GL Soil container ( )oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
04452	SE-201(0'-2')	S	12/21/21	9:30	X								X³	X¹				
04453	SE-202(0'-2')	↓	↓	10:30	↓								↓	↓				
04454	SE-203(0'-2')			11:30														
04455	SE-204(2'-4')			12:30														
04456	SE-205(4'-6')	↓	↓	13:30	↓								↓	↓				
04457	SE-203(4'-6')	↓	↓	11:40	↓								↓	↓				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/22/21	1000
[signature]	[signature]	12/22	1317

Comments, Special Requirements or Regulations:

**MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.*

Turnaround Time:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
*** SURCHARGE APPLIES**

RI
☒ (Residential) Direct Exposure
☐ (Comm/Industrial) Direct Exposure
☐ GA Leachability
☒ GB Leachability
☐ GA-GW Objectives
☐ GB-GW Objectives

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1 ☐ MWRA eSMART
☐ GW-2 ☐ S-1 10% CALC
☐ GW-3
☐ S-1 GW-1 ☐ S-1 GW-2 ☐ S-1 GW-3
☐ S-2 GW-1 ☐ S-2 GW-2 ☐ S-2 GW-3
☐ S-3 GW-1 ☐ S-3 GW-2 ☐ S-3 GW-3
☐ SW Protection

State where samples were collected: RI

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☒ Phoenix Std Report
☐ Other

*** SURCHARGE APPLIES**

PEL-126 REV. 06/20

PHOENIX
Environmental Laboratories, Inc.

Friday, January 07, 2022

Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Project ID: **S3977**
SDG ID: **GCK09786**
Sample ID#s: CK09786 - CK09787

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

January 07, 2022

SDG I.D.: GCK09786

Project ID: S3977

Client Id	Lab Id	Matrix
SE-301 (25-28)	CK09786	SOIL
SE-302 (10-15)	CK09787	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 07, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/04/22	
Location Code:	SAGE	Received by:	CP	01/05/22	12:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09786
Phoenix ID: CK09786

Project ID: S3977
Client ID: SE-301 (25-28)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		01/05/22	JS	SW846-%Solid
Field Extraction	Completed				01/04/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0025	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloroethene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloropropene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.00042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichloropropane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,3-Dichloropropane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
2,2-Dichloropropane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
2-Chlorotoluene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
2-Hexanone	ND	0.021	mg/Kg	1	01/06/22	JLI	SW8260C

Project ID: S3977
Client ID: SE-301 (25-28)

Phoenix I.D.: CK09786

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
4-Chlorotoluene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.021	mg/Kg	1	01/06/22	JLI	SW8260C
Acetone	ND	0.21	mg/Kg	1	01/06/22	JLI	SW8260C
Acrylonitrile	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Benzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Bromobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Bromochloromethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Bromodichloromethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Bromoform	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Bromomethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Carbon Disulfide	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Carbon tetrachloride	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Chlorobenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Chloroethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Chloroform	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Chloromethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Dibromochloromethane	ND	0.0025	mg/Kg	1	01/06/22	JLI	SW8260C
Dibromomethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Ethylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Hexachlorobutadiene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Isopropylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
m&p-Xylene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.025	mg/Kg	1	01/06/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.0083	mg/Kg	1	01/06/22	JLI	SW8260C
Methylene chloride	ND	0.0083	mg/Kg	1	01/06/22	JLI	SW8260C
Naphthalene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
n-Butylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
n-Propylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
o-Xylene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
p-Isopropyltoluene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
sec-Butylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Styrene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
tert-Butylbenzene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Tetrachloroethene	0.21	0.21	mg/Kg	50	01/07/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.0083	mg/Kg	1	01/06/22	JLI	SW8260C
Toluene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Total Xylenes	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.0083	mg/Kg	1	01/06/22	JLI	SW8260C
Trichloroethene	0.23	0.23	mg/Kg	50	01/07/22	JLI	SW8260C
Trichlorofluoromethane	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.0083	mg/Kg	1	01/06/22	JLI	SW8260C
Vinyl chloride	ND	0.0042	mg/Kg	1	01/06/22	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-301 (25-28)

Phoenix I.D.: CK09786

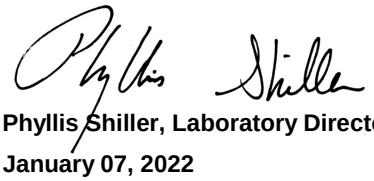
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	1	01/06/22	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	01/06/22	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	01/06/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/06/22	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	102		%	50	01/07/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97		%	50	01/07/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	102		%	50	01/07/22	JLI	70 - 130 %
% Toluene-d8 (50x)	100		%	50	01/07/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 07, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 07, 2022

FOR: Attn:
Sage Environmental Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		01/04/22	
Location Code:	SAGE	Received by:	CP	01/05/22	12:42
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09786
Phoenix ID: CK09787

Project ID: S3977
Client ID: SE-302 (10-15)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		01/05/22	JS	SW846-%Solid
Field Extraction	Completed				01/04/22		SW5035A
Volatiles							
1,1,1,2-Tetrachloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,1-Trichloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.0026	mg/Kg	1	01/06/22	JLI	SW8260C
1,1,2-Trichloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloroethene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,1-Dichloropropene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,3-Trichloropropane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dibromoethane	ND	0.00043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,2-Dichloropropane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,3-Dichlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,3-Dichloropropane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
1,4-Dichlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
2,2-Dichloropropane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
2-Chlorotoluene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
2-Hexanone	ND	0.022	mg/Kg	1	01/06/22	JLI	SW8260C

Project ID: S3977
Client ID: SE-302 (10-15)

Phoenix I.D.: CK09787

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2-Isopropyltoluene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
4-Chlorotoluene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
4-Methyl-2-pentanone	ND	0.022	mg/Kg	1	01/06/22	JLI	SW8260C
Acetone	ND	0.22	mg/Kg	1	01/06/22	JLI	SW8260C
Acrylonitrile	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Benzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Bromobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Bromochloromethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Bromodichloromethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Bromoform	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Bromomethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Carbon Disulfide	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Carbon tetrachloride	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Chlorobenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Chloroethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Chloroform	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Chloromethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
cis-1,2-Dichloroethene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Dibromochloromethane	ND	0.0026	mg/Kg	1	01/06/22	JLI	SW8260C
Dibromomethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Dichlorodifluoromethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Ethylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Hexachlorobutadiene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Isopropylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
m&p-Xylene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	0.026	mg/Kg	1	01/06/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	0.0086	mg/Kg	1	01/06/22	JLI	SW8260C
Methylene chloride	ND	0.0086	mg/Kg	1	01/06/22	JLI	SW8260C
Naphthalene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
n-Butylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
n-Propylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
o-Xylene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
p-Isopropyltoluene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
sec-Butylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Styrene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
tert-Butylbenzene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Tetrachloroethene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	0.0086	mg/Kg	1	01/06/22	JLI	SW8260C
Toluene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Total Xylenes	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	0.0086	mg/Kg	1	01/06/22	JLI	SW8260C
Trichloroethene	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Trichlorofluoromethane	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	0.0086	mg/Kg	1	01/06/22	JLI	SW8260C
Vinyl chloride	ND	0.0043	mg/Kg	1	01/06/22	JLI	SW8260C

QA/QC Surrogates

Project ID: S3977
Client ID: SE-302 (10-15)

Phoenix I.D.: CK09787

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 1,2-dichlorobenzene-d4	102		%	1	01/06/22	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	01/06/22	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	01/06/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/06/22	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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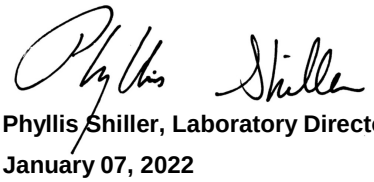

Phyllis Shiller, Laboratory Director

January 07, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

January 07, 2022

QA/QC Data

SDG I.D.: GCK09786

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 607214 (mg/Kg), QC Sample No: CK09767 (CK09786, CK09787)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	0.005	100	105	4.9	88			70 - 130	30	
1,1,1-Trichloroethane	ND	0.005	100	107	6.8	97			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.003	101	105	3.9	84			70 - 130	30	
1,1,2-Trichloroethane	ND	0.005	98	103	5.0	91			70 - 130	30	
1,1-Dichloroethane	ND	0.005	105	111	5.6	103			70 - 130	30	
1,1-Dichloroethene	ND	0.005	102	108	5.7	101			70 - 130	30	
1,1-Dichloropropene	ND	0.005	102	107	4.8	98			70 - 130	30	
1,2,3-Trichlorobenzene	ND	0.005	100	102	2.0	40			70 - 130	30	m
1,2,3-Trichloropropane	ND	0.005	104	109	4.7	94			70 - 130	30	
1,2,4-Trichlorobenzene	ND	0.005	103	104	1.0	42			70 - 130	30	m
1,2,4-Trimethylbenzene	ND	0.001	100	103	3.0	67			70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	0.005	99	102	3.0	78			70 - 130	30	
1,2-Dibromoethane	ND	0.005	101	105	3.9	91			70 - 130	30	
1,2-Dichlorobenzene	ND	0.005	96	101	5.1	58			70 - 130	30	m
1,2-Dichloroethane	ND	0.005	98	103	5.0	93			70 - 130	30	
1,2-Dichloropropane	ND	0.005	102	107	4.8	100			70 - 130	30	
1,3,5-Trimethylbenzene	ND	0.001	101	107	5.8	76			70 - 130	30	
1,3-Dichlorobenzene	ND	0.005	98	102	4.0	63			70 - 130	30	m
1,3-Dichloropropane	ND	0.005	102	106	3.8	95			70 - 130	30	
1,4-Dichlorobenzene	ND	0.005	97	100	3.0	62			70 - 130	30	m
2,2-Dichloropropane	ND	0.005	108	115	6.3	104			70 - 130	30	
2-Chlorotoluene	ND	0.005	100	105	4.9	74			70 - 130	30	
2-Hexanone	ND	0.025	106	108	1.9	87			70 - 130	30	
2-Isopropyltoluene	ND	0.005	100	104	3.9	68			70 - 130	30	m
4-Chlorotoluene	ND	0.005	101	105	3.9	73			70 - 130	30	
4-Methyl-2-pentanone	ND	0.025	111	115	3.5	103			70 - 130	30	
Acetone	ND	0.01	106	109	2.8	93			70 - 130	30	
Acrylonitrile	ND	0.005	107	110	2.8	95			70 - 130	30	
Benzene	ND	0.001	100	105	4.9	98			70 - 130	30	
Bromobenzene	ND	0.005	98	103	5.0	77			70 - 130	30	
Bromochloromethane	ND	0.005	103	107	3.8	97			70 - 130	30	
Bromodichloromethane	ND	0.005	99	104	4.9	93			70 - 130	30	
Bromoform	ND	0.005	100	103	3.0	81			70 - 130	30	
Bromomethane	ND	0.005	94	101	7.2	99			70 - 130	30	
Carbon Disulfide	ND	0.005	99	104	4.9	93			70 - 130	30	
Carbon tetrachloride	ND	0.005	92	99	7.3	87			70 - 130	30	
Chlorobenzene	ND	0.005	97	102	5.0	83			70 - 130	30	
Chloroethane	ND	0.005	99	108	8.7	103			70 - 130	30	
Chloroform	ND	0.005	102	109	6.6	98			70 - 130	30	
Chloromethane	ND	0.005	96	103	7.0	100			70 - 130	30	
cis-1,2-Dichloroethene	ND	0.005	102	109	6.6	99			70 - 130	30	

QA/QC Data

SDG I.D.: GCK09786

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	0.005	104	108	3.8	94			70 - 130	30	
Dibromochloromethane	ND	0.003	98	102	4.0	88			70 - 130	30	
Dibromomethane	ND	0.005	100	106	5.8	92			70 - 130	30	
Dichlorodifluoromethane	ND	0.005	97	104	7.0	108			70 - 130	30	
Ethylbenzene	ND	0.001	99	103	4.0	84			70 - 130	30	
Hexachlorobutadiene	ND	0.005	99	103	4.0	49			70 - 130	30	m
Isopropylbenzene	ND	0.001	102	106	3.8	83			70 - 130	30	
m&p-Xylene	ND	0.002	100	105	4.9	82			70 - 130	30	
Methyl ethyl ketone	ND	0.005	107	114	6.3	97			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	0.001	101	107	5.8	100			70 - 130	30	
Methylene chloride	ND	0.005	93	99	6.3	90			70 - 130	30	
Naphthalene	ND	0.005	103	107	3.8	15			70 - 130	30	m
n-Butylbenzene	ND	0.001	105	110	4.7	61			70 - 130	30	m
n-Propylbenzene	ND	0.001	101	106	4.8	75			70 - 130	30	
o-Xylene	ND	0.002	98	102	4.0	81			70 - 130	30	
p-Isopropyltoluene	ND	0.001	103	107	3.8	71			70 - 130	30	
sec-Butylbenzene	ND	0.001	103	107	3.8	70			70 - 130	30	
Styrene	ND	0.005	103	108	4.7	75			70 - 130	30	
tert-Butylbenzene	ND	0.001	101	107	5.8	77			70 - 130	30	
Tetrachloroethene	ND	0.005	97	102	5.0	82			70 - 130	30	
Tetrahydrofuran (THF)	ND	0.005	107	109	1.9	101			70 - 130	30	
Toluene	ND	0.001	97	103	6.0	90			70 - 130	30	
trans-1,2-Dichloroethene	ND	0.005	101	107	5.8	96			70 - 130	30	
trans-1,3-Dichloropropene	ND	0.005	106	112	5.5	90			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	0.005	111	114	2.7	91			70 - 130	30	
Trichloroethene	ND	0.005	98	103	5.0	95			70 - 130	30	
Trichlorofluoromethane	ND	0.005	101	108	6.7	98			70 - 130	30	
Trichlorotrifluoroethane	ND	0.005	92	97	5.3	89			70 - 130	30	
Vinyl chloride	ND	0.005	105	113	7.3	110			70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	101	101	0.0	99			70 - 130	30	
% Bromofluorobenzene	95	%	101	100	1.0	99			70 - 130	30	
% Dibromofluoromethane	101	%	100	100	0.0	99			70 - 130	30	
% Toluene-d8	98	%	99	100	1.0	100			70 - 130	30	

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 607383H (mg/Kg), QC Sample No: CK10069 50X (CK09786 (50X))

Volatiles - Soil (High Level)

Tetrachloroethene	ND	0.25	105	111	5.6	106	107	0.9	70 - 130	30
Trichloroethene	ND	0.25	104	108	3.8	110	108	1.8	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	103	101	2.0	70 - 130	30
% Bromofluorobenzene	98	%	101	100	1.0	101	101	0.0	70 - 130	30
% Dibromofluoromethane	103	%	104	102	1.9	104	104	0.0	70 - 130	30
% Toluene-d8	99	%	99	100	1.0	101	99	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

QA/QC Data

SDG I.D.: GCK09786

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 07, 2022

Friday, January 07, 2022

Criteria: RI: GB LEACH, RC

State: RI

Sample Criteria Exceedances Report

GCK09786 - SAGE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 07, 2022 SDG I.D.: GCK09786

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

CHAIN OF CUSTODY RECORD

Temp 2.4 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
[ ] Fax:
[ ] Phone:
[ ] Email:

Customer: SAGE Environmental, Inc.
Address: 172 Armistice Blvd, Pawtucket RI
Project: S3977
Report to: SAGE @sage-enviro.com
Invoice to:
QUOTE #
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid **X** = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC	MS/MSD*	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [1] methanol [2] H2O	GL Soil container 4 8 oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCL	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
09786	SE-301 (25-28)	S	1/4/22		X			✓	✓									
09787	SE-302 (10-15)	S	1/4/22		↓			↓	↓									

Relinquished by:	Accepted by:	Date:	Time:
		1/5/22	9:40
		115	1248

Comments, Special Requirements or Regulations:
Meet RI Residential Direct Exposure detection limits

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

Turnaround Time:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[✓] Standard
[ ] Other
* SURCHARGE APPLIES

RI
[✓] (Residential) Direct Exposure
[ ] (Comm/Industrial) Direct Exposure
[ ] GA Leachability
[✓] GB Leachability
[ ] GA-GW Objectives
[ ] GB-GW Objectives

CT
[ ] RCP Cert
[ ] GW Protection
[ ] SW Protection
[ ] GA Mobility
[ ] GB Mobility
[ ] Residential DEC
[ ] I/C DEC
[ ] Other

MA
[ ] MCP Certification
[ ] GW-1 [ ] MWRA eSMART
[ ] GW-2 [ ] S-1 10% CALC
[ ] GW-3
[ ] S-1 GW-1 [ ] S-1 GW-2 [ ] S-1 GW-3
[ ] S-2 GW-1 [ ] S-2 GW-2 [ ] S-2 GW-3
[ ] S-3 GW-1 [ ] S-3 GW-2 [ ] S-3 GW-3
[ ] SW Protection

State where samples were collected: RI

Data Format
[ ] Excel
[ ] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

Data Package
[ ] Tier II Checklist
[ ] Full Data Package*
[ ] Phoenix Std Report
[ ] Other

* SURCHARGE APPLIES

PEL-126 REV. 06/20

New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2A10079
Client Project: S3977 - 1144 Eddy St, Providence, RI

Report Date: 12-January-2022

Prepared for:

Cathy Racine
SAGE Environmental
172 Armistice Blvd
Pawtucket, RI 02860

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 01/10/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2A10079. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2A10079-01	SE-301 (MW)	Water	01/10/2022	01/10/2022
2A10079-02	SE-302 (MW)	Water	01/10/2022	01/10/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

SE-301 (MW) (Lab Number: 2A10079-01)

Analysis	Method
Volatile Organic Compounds	EPA 8260C

SE-302 (MW) (Lab Number: 2A10079-02)

Analysis	Method
Volatile Organic Compounds	EPA 8260C

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: Volatile Organic Compounds

Sample: SE-301 (MW)

Lab Number: 2A10079-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	01/10/22	01/11/22
Benzene	ND		1	ug/l	01/10/22	01/11/22
Bromobenzene	ND		1	ug/l	01/10/22	01/11/22
Bromochloromethane	ND		1	ug/l	01/10/22	01/11/22
Bromodichloromethane	ND		1	ug/l	01/10/22	01/11/22
Bromoform	ND		1	ug/l	01/10/22	01/11/22
Bromomethane	ND		1	ug/l	01/10/22	01/11/22
2-Butanone	ND		5	ug/l	01/10/22	01/11/22
tert-Butyl alcohol	ND		5	ug/l	01/10/22	01/11/22
sec-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
n-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
tert-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	01/10/22	01/11/22
Carbon Disulfide	ND		1	ug/l	01/10/22	01/11/22
Carbon Tetrachloride	ND		1	ug/l	01/10/22	01/11/22
Chlorobenzene	ND		1	ug/l	01/10/22	01/11/22
Chloroethane	ND		1	ug/l	01/10/22	01/11/22
Chloroform	ND		1	ug/l	01/10/22	01/11/22
Chloromethane	ND		1	ug/l	01/10/22	01/11/22
4-Chlorotoluene	ND		1	ug/l	01/10/22	01/11/22
2-Chlorotoluene	ND		1	ug/l	01/10/22	01/11/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	01/10/22	01/11/22
Dibromochloromethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	01/10/22	01/11/22
Dibromomethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,4-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloroethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichloroethane	ND		1	ug/l	01/10/22	01/11/22
trans-1,2-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
cis-1,2-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
2,2-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
cis-1,3-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
trans-1,3-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	01/10/22	01/11/22
Diethyl ether	ND		5	ug/l	01/10/22	01/11/22
1,4-Dioxane	ND		500	ug/l	01/10/22	01/11/22
Ethylbenzene	ND		1	ug/l	01/10/22	01/11/22
Hexachlorobutadiene	ND		1	ug/l	01/10/22	01/11/22
2-Hexanone	ND		5	ug/l	01/10/22	01/11/22
Isopropylbenzene	ND		1	ug/l	01/10/22	01/11/22
p-Isopropyltoluene	ND		1	ug/l	01/10/22	01/11/22
Methylene Chloride	ND		1	ug/l	01/10/22	01/11/22
4-Methyl-2-pentanone	ND		5	ug/l	01/10/22	01/1

Results: Volatile Organic Compounds (Continued)

Sample: SE-301 (MW) (Continued)

Lab Number: 2A10079-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	01/10/22	01/11/22
n-Propylbenzene	ND		1	ug/l	01/10/22	01/11/22
Styrene	ND		1	ug/l	01/10/22	01/11/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	01/10/22	01/11/22
Tetrachloroethene	ND		1	ug/l	01/10/22	01/11/22
Tetrahydrofuran	ND		5	ug/l	01/10/22	01/11/22
Toluene	ND		1	ug/l	01/10/22	01/11/22
1,2,4-Trichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,2,3-Trichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,1,2-Trichloroethane	ND		1	ug/l	01/10/22	01/11/22
1,1,1-Trichloroethane	ND		1	ug/l	01/10/22	01/11/22
Trichloroethene	**12**		1	ug/l	01/10/22	01/11/22
1,2,3-Trichloropropane	ND		1	ug/l	01/10/22	01/11/22
1,3,5-Trimethylbenzene	ND		1	ug/l	01/10/22	01/11/22
1,2,4-Trimethylbenzene	ND		1	ug/l	01/10/22	01/11/22
Vinyl Chloride	ND		1	ug/l	01/10/22	01/11/22
o-Xylene	ND		1	ug/l	01/10/22	01/11/22
m&p-Xylene	ND		2	ug/l	01/10/22	01/11/22
Total xylenes	ND		1	ug/l	01/10/22	01/11/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	01/10/22	01/11/22
tert-Amyl methyl ether	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
Ethyl tert-butyl ether	ND		1	ug/l	01/10/22	01/11/22
Diisopropyl ether	ND		1	ug/l	01/10/22	01/11/22
Trichlorofluoromethane	ND		1	ug/l	01/10/22	01/11/22
Dichlorodifluoromethane	ND		1	ug/l	01/10/22	01/11/22
tert-Amyl Alcohol	ND		5	ug/l	01/10/22	01/11/22

Surrogate(s)	Recovery%	Limits		
4-Bromofluorobenzene	*94.5%*	*70-130*	01/10/22	01/11/22
1,2-Dichloroethane-d4	*103%*	*70-130*	01/10/22	01/11/22
Toluene-d8	*97.8%*	*70-130*	01/10/22	01/11/22

Results: Volatile Organic Compounds

Sample: SE-302 (MW)

Lab Number: 2A10079-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/l	01/10/22	01/11/22
Benzene	ND		1	ug/l	01/10/22	01/11/22
Bromobenzene	ND		1	ug/l	01/10/22	01/11/22
Bromochloromethane	ND		1	ug/l	01/10/22	01/11/22
Bromodichloromethane	ND		1	ug/l	01/10/22	01/11/22
Bromoform	ND		1	ug/l	01/10/22	01/11/22
Bromomethane	ND		1	ug/l	01/10/22	01/11/22
2-Butanone	ND		5	ug/l	01/10/22	01/11/22
tert-Butyl alcohol	ND		5	ug/l	01/10/22	01/11/22
sec-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
n-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
tert-Butylbenzene	ND		1	ug/l	01/10/22	01/11/22
Methyl t-butyl ether (MTBE)	ND		1	ug/l	01/10/22	01/11/22
Carbon Disulfide	ND		1	ug/l	01/10/22	01/11/22
Carbon Tetrachloride	ND		1	ug/l	01/10/22	01/11/22
Chlorobenzene	ND		1	ug/l	01/10/22	01/11/22
Chloroethane	ND		1	ug/l	01/10/22	01/11/22
Chloroform	ND		1	ug/l	01/10/22	01/11/22
Chloromethane	ND		1	ug/l	01/10/22	01/11/22
4-Chlorotoluene	ND		1	ug/l	01/10/22	01/11/22
2-Chlorotoluene	ND		1	ug/l	01/10/22	01/11/22
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	01/10/22	01/11/22
Dibromochloromethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dibromoethane (EDB)	ND		1	ug/l	01/10/22	01/11/22
Dibromomethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,4-Dichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloroethane	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichloroethane	ND		1	ug/l	01/10/22	01/11/22
trans-1,2-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
cis-1,2-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloroethene	ND		1	ug/l	01/10/22	01/11/22
1,2-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
2,2-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
cis-1,3-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
trans-1,3-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
1,1-Dichloropropene	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichloropropene (cis + trans)	ND		2	ug/l	01/10/22	01/11/22
Diethyl ether	ND		5	ug/l	01/10/22	01/11/22
1,4-Dioxane	ND		500	ug/l	01/10/22	01/11/22
Ethylbenzene	ND		1	ug/l	01/10/22	01/11/22
Hexachlorobutadiene	ND		1	ug/l	01/10/22	01/11/22
2-Hexanone	ND		5	ug/l	01/10/22	01/11/22
Isopropylbenzene	ND		1	ug/l	01/10/22	01/11/22
p-Isopropyltoluene	ND		1	ug/l	01/10/22	01/11/22
Methylene Chloride	ND		1	ug/l	01/10/22	01/11/22
4-Methyl-2-pentanone	ND		5	ug/l	01/10/22	01/11

Results: Volatile Organic Compounds (Continued)

Sample: SE-302 (MW) (Continued)

Lab Number: 2A10079-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		1	ug/l	01/10/22	01/11/22
n-Propylbenzene	ND		1	ug/l	01/10/22	01/11/22
Styrene	ND		1	ug/l	01/10/22	01/11/22
1,1,1,2-Tetrachloroethane	ND		1	ug/l	01/10/22	01/11/22
Tetrachloroethene	ND		1	ug/l	01/10/22	01/11/22
Tetrahydrofuran	ND		5	ug/l	01/10/22	01/11/22
Toluene	ND		1	ug/l	01/10/22	01/11/22
1,2,4-Trichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,2,3-Trichlorobenzene	ND		1	ug/l	01/10/22	01/11/22
1,1,2-Trichloroethane	ND		1	ug/l	01/10/22	01/11/22
1,1,1-Trichloroethane	ND		1	ug/l	01/10/22	01/11/22
Trichloroethene	**3**		1	ug/l	01/10/22	01/11/22
1,2,3-Trichloropropane	ND		1	ug/l	01/10/22	01/11/22
1,3,5-Trimethylbenzene	ND		1	ug/l	01/10/22	01/11/22
1,2,4-Trimethylbenzene	ND		1	ug/l	01/10/22	01/11/22
Vinyl Chloride	ND		1	ug/l	01/10/22	01/11/22
o-Xylene	ND		1	ug/l	01/10/22	01/11/22
m&p-Xylene	ND		2	ug/l	01/10/22	01/11/22
Total xylenes	ND		1	ug/l	01/10/22	01/11/22
1,1,2,2-Tetrachloroethane	ND		1	ug/l	01/10/22	01/11/22
tert-Amyl methyl ether	ND		1	ug/l	01/10/22	01/11/22
1,3-Dichloropropane	ND		1	ug/l	01/10/22	01/11/22
Ethyl tert-butyl ether	ND		1	ug/l	01/10/22	01/11/22
Diisopropyl ether	ND		1	ug/l	01/10/22	01/11/22
Trichlorofluoromethane	ND		1	ug/l	01/10/22	01/11/22
Dichlorodifluoromethane	ND		1	ug/l	01/10/22	01/11/22
tert-Amyl Alcohol	ND		5	ug/l	01/10/22	01/11/22

Surrogate(s)	Recovery%	Limits		
4-Bromofluorobenzene	*96.0%*	*70-130*	01/10/22	01/11/22
1,2-Dichloroethane-d4	*102%*	*70-130*	01/10/22	01/11/22
Toluene-d8	*96.2%*	*70-130*	01/10/22	01/11/22

Quality Control

Volatile Organic Compounds

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2A0425 - Purge-Trap										
Blank (B2A0425-BLK1)					Prepared: 01/10/22 Analyzed: 01/11/22					
Acetone	ND		5	ug/l						
Benzene	ND		1	ug/l						
Bromobenzene	ND		1	ug/l						
Bromochloromethane	ND		1	ug/l						
Bromodichloromethane	ND		1	ug/l						
Bromoform	ND		1	ug/l						
Bromomethane	ND		1	ug/l						
2-Butanone	ND		5	ug/l						
tert-Butyl alcohol	ND		5	ug/l						
sec-Butylbenzene	ND		1	ug/l						
n-Butylbenzene	ND		1	ug/l						
tert-Butylbenzene	ND		1	ug/l						
Methyl t-butyl ether (MTBE)	ND		1	ug/l						
Carbon Disulfide	ND		1	ug/l						
Carbon Tetrachloride	ND		1	ug/l						
Chlorobenzene	ND		1	ug/l						
Chloroethane	ND		1	ug/l						
Chloroform	ND		1	ug/l						
Chloromethane	ND		1	ug/l						
4-Chlorotoluene	ND		1	ug/l						
2-Chlorotoluene	ND		1	ug/l						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l						
Dibromochloromethane	ND		1	ug/l						
1,2-Dibromoethane (EDB)	ND		1	ug/l						
Dibromomethane	ND		1	ug/l						
1,2-Dichlorobenzene	ND		1	ug/l						
1,3-Dichlorobenzene	ND		1	ug/l						
1,4-Dichlorobenzene	ND		1	ug/l						
1,1-Dichloroethane	ND		1	ug/l						
1,2-Dichloroethane	ND		1	ug/l						
trans-1,2-Dichloroethene	ND		1	ug/l						
cis-1,2-Dichloroethene	ND		1	ug/l						
1,1-Dichloroethene	ND		1	ug/l						
1,2-Dichloropropane	ND		1	ug/l						
2,2-Dichloropropane	ND		1	ug/l						
cis-1,3-Dichloropropene	ND		1	ug/l						
trans-1,3-Dichloropropene	ND		1	ug/l						
1,1-Dichloropropene	ND		1	ug/l						
1,3-Dichloropropene (cis + trans)	ND		2	ug/l						
Diethyl ether	ND		5	ug/l						
1,4-Dioxane	ND		500	ug/l						
Ethylbenzene	ND		1	ug/l						
Hexachlorobutadiene	ND		1	ug/l						
2-Hexanone	ND		5	ug/l						
Isopropylbenzene	ND		1	ug/l						
p-Isopropyltoluene	ND		1	ug/l						
Methylene Chloride	ND		1	ug/l						
4-Methyl-2-pentanone	ND		5	ug/l						
Naphthalene	ND		1	ug/l						
n-Propylbenzene	ND		1	ug/l						
Styrene	ND		1	ug/l						
1,1,1,2-Tetrachloroethane	ND		1	ug/l						
Tetrachloroethene	ND		1	ug/l						
Tetrahydrofuran	ND		5	ug/l						

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2A0425 - Purge-Trap (Continued)										
Blank (B2A0425-BLK1)					Prepared: 01/10/22 Analyzed: 01/11/22					
Toluene	ND		1	ug/l						
1,2,4-Trichlorobenzene	ND		1	ug/l						
1,2,3-Trichlorobenzene	ND		1	ug/l						
1,1,2-Trichloroethane	ND		1	ug/l						
1,1,1-Trichloroethane	ND		1	ug/l						
Trichloroethene	ND		1	ug/l						
1,2,3-Trichloropropane	ND		1	ug/l						
1,3,5-Trimethylbenzene	ND		1	ug/l						
1,2,4-Trimethylbenzene	ND		1	ug/l						
Vinyl Chloride	ND		1	ug/l						
o-Xylene	ND		1	ug/l						
m&p-Xylene	ND		2	ug/l						
Total xylenes	ND		1	ug/l						
1,1,2,2-Tetrachloroethane	ND		1	ug/l						
tert-Amyl methyl ether	ND		1	ug/l						
1,3-Dichloropropane	ND		1	ug/l						
Ethyl tert-butyl ether	ND		1	ug/l						
Diisopropyl ether	ND		1	ug/l						
Trichlorofluoromethane	ND		1	ug/l						
Dichlorodifluoromethane	ND		1	ug/l						
tert-Amyl Alcohol	ND		5	ug/l						
Surrogate: 4-Bromofluorobenzene			*46.6*	ug/l	*50.0*		*93.1*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*51.6*	ug/l	*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8			*47.5*	ug/l	*50.0*		*94.9*	*70-130*		
LCS (B2A0425-BS1)					Prepared: 01/10/22 Analyzed: 01/11/22					
Acetone	43			ug/l	50.0		85.5	60-140		
Benzene	45			ug/l	50.0		89.6	70-130		
Bromobenzene	48			ug/l	50.0		95.9	70-130		
Bromochloromethane	47			ug/l	50.0		94.0	70-130		
Bromodichloromethane	44			ug/l	50.0		87.6	70-130		
Bromoform	47			ug/l	50.0		94.7	70-130		
Bromomethane	32			ug/l	50.0		64.6	70-130		
2-Butanone	41			ug/l	50.0		81.7	60-140		
tert-Butyl alcohol	43			ug/l	50.0		85.5	70-130		
sec-Butylbenzene	48			ug/l	50.0		95.6	70-130		
n-Butylbenzene	47			ug/l	50.0		93.2	70-130		
tert-Butylbenzene	47			ug/l	50.0		93.6	70-130		
Methyl t-butyl ether (MTBE)	43			ug/l	50.0		86.1	70-130		
Carbon Disulfide	44			ug/l	50.0		87.8	50-150		
Carbon Tetrachloride	43			ug/l	50.0		85.5	70-130		
Chlorobenzene	45			ug/l	50.0		89.6	70-130		
Chloroethane	49			ug/l	50.0		97.7	70-130		
Chloroform	42			ug/l	50.0		83.8	70-130		
Chloromethane	58			ug/l	50.0		116	70-130		
4-Chlorotoluene	45			ug/l	50.0		89.2	70-130		
2-Chlorotoluene	45			ug/l	50.0		89.4	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	43			ug/l	50.0		86.3	70-130		
Dibromochloromethane	46			ug/l	50.0		91.9	70-130		
1,2-Dibromoethane (EDB)	45			ug/l	50.0		89.3	70-130		
Dibromomethane	43			ug/l	50.0		86.6	70-130		
1,2-Dichlorobenzene	47			ug/l	50.0		93.7	70-130		
1,3-Dichlorobenzene	47			ug/l	50.0		93.1	70-130		
1,4-Dichlorobenzene	46			ug/l	50.0		92.0	70-130		
1,1-Dichloroethane	44			ug/l	50.0		88.4	70-130		
1,2-Dichloroethane	43			ug/l	50.0		86.0	70-130		
trans-1,2-Dichloroethene	46			ug/l	50.0		91.3	70-130		

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2A0425 - Purge-Trap (Continued)										
LCS (B2A0425-BS1)					Prepared: 01/10/22 Analyzed: 01/11/22					
cis-1,2-Dichloroethene	41			ug/l	50.0		82.7	70-130		
1,1-Dichloroethene	45			ug/l	50.0		90.7	70-130		
1,2-Dichloropropane	43			ug/l	50.0		86.1	70-130		
2,2-Dichloropropane	49			ug/l	50.0		97.4	70-130		
cis-1,3-Dichloropropene	44			ug/l	50.0		88.6	70-130		
trans-1,3-Dichloropropene	44			ug/l	50.0		88.7	70-130		
1,1-Dichloropropene	51			ug/l	50.0		102	70-130		
Diethyl ether	42			ug/l	50.0		83.4	70-130		
1,4-Dioxane	223			ug/l	250		89.0	50-150		
Ethylbenzene	45			ug/l	50.0		90.1	70-130		
Hexachlorobutadiene	53			ug/l	50.0		106	70-130		
2-Hexanone	41			ug/l	50.0		81.8	70-130		
Isopropylbenzene	47			ug/l	50.0		93.1	70-130		
p-Isopropyltoluene	47			ug/l	50.0		94.0	70-130		
Methylene Chloride	44			ug/l	50.0		88.5	70-130		
4-Methyl-2-pentanone	42			ug/l	50.0		84.9	70-130		
Naphthalene	43			ug/l	50.0		86.1	70-130		
n-Propylbenzene	46			ug/l	50.0		92.1	70-130		
Styrene	46			ug/l	50.0		92.3	70-130		
1,1,1,2-Tetrachloroethane	46			ug/l	50.0		92.0	70-130		
Tetrachloroethene	49			ug/l	50.0		97.7	70-130		
Tetrahydrofuran	42			ug/l	50.0		84.9	50-150		
Toluene	43			ug/l	50.0		86.0	70-130		
1,2,4-Trichlorobenzene	48			ug/l	50.0		97.0	70-130		
1,2,3-Trichlorobenzene	46			ug/l	50.0		91.9	70-130		
1,1,2-Trichloroethane	43			ug/l	50.0		86.2	70-130		
1,1,1-Trichloroethane	46			ug/l	50.0		91.3	70-130		
Trichloroethene	40			ug/l	50.0		81.0	70-130		
1,2,3-Trichloropropane	42			ug/l	50.0		83.3	70-130		
1,3,5-Trimethylbenzene	46			ug/l	50.0		92.0	70-130		
1,2,4-Trimethylbenzene	46			ug/l	50.0		91.7	70-130		
Vinyl Chloride	54			ug/l	50.0		108	70-130		
o-Xylene	47			ug/l	50.0		93.2	70-130		
m&p-Xylene	92			ug/l	100		91.5	70-130		
1,1,2,2-Tetrachloroethane	42			ug/l	50.0		84.0	70-130		
tert-Amyl methyl ether	44			ug/l	50.0		87.0	70-130		
1,3-Dichloropropane	43			ug/l	50.0		86.6	70-130		
Ethyl tert-butyl ether	44			ug/l	50.0		88.1	70-130		
Trichlorofluoromethane	46			ug/l	50.0		91.1	70-130		
Dichlorodifluoromethane	71			ug/l	50.0		143	70-130		
Surrogate: 4-Bromofluorobenzene			*48.2*	ug/l	*50.0*		*96.5*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*53.5*	ug/l	*50.0*		*107*	*70-130*		
Surrogate: Toluene-d8			*48.7*	ug/l	*50.0*		*97.3*	*70-130*		

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2A0425 - Purge-Trap (Continued)										
LCS Dup (B2A0425-BSD1)					Prepared: 01/10/22 Analyzed: 01/11/22					
Acetone	43			ug/l	50.0		86.4	60-140	1.05	20
Benzene	44			ug/l	50.0		87.2	70-130	2.71	20
Bromobenzene	47			ug/l	50.0		94.8	70-130	1.13	20
Bromochloromethane	44			ug/l	50.0		88.8	70-130	5.69	20
Bromodichloromethane	43			ug/l	50.0		86.7	70-130	1.12	20
Bromoform	48			ug/l	50.0		96.2	70-130	1.63	20
Bromomethane	37			ug/l	50.0		74.4	70-130	14.0	20
2-Butanone	41			ug/l	50.0		81.5	60-140	0.319	20
tert-Butyl alcohol	40			ug/l	50.0		80.8	70-130	5.70	20
sec-Butylbenzene	47			ug/l	50.0		93.3	70-130	2.41	20
n-Butylbenzene	44			ug/l	50.0		88.2	70-130	5.54	20
tert-Butylbenzene	46			ug/l	50.0		91.8	70-130	1.90	20
Methyl t-butyl ether (MTBE)	43			ug/l	50.0		85.6	70-130	0.606	20
Carbon Disulfide	43			ug/l	50.0		85.0	50-150	3.24	20
Carbon Tetrachloride	42			ug/l	50.0		85.0	70-130	0.634	20
Chlorobenzene	44			ug/l	50.0		88.2	70-130	1.55	20
Chloroethane	51			ug/l	50.0		102	70-130	3.79	20
Chloroform	42			ug/l	50.0		83.8	70-130	0.0477	20
Chloromethane	57			ug/l	50.0		113	70-130	2.62	20
4-Chlorotoluene	44			ug/l	50.0		87.6	70-130	1.81	20
2-Chlorotoluene	44			ug/l	50.0		87.7	70-130	1.94	20
1,2-Dibromo-3-chloropropane (DBCP)	42			ug/l	50.0		84.3	70-130	2.35	20
Dibromochloromethane	45			ug/l	50.0		90.5	70-130	1.49	20
1,2-Dibromoethane (EDB)	44			ug/l	50.0		88.3	70-130	1.19	20
Dibromomethane	44			ug/l	50.0		87.8	70-130	1.33	20
1,2-Dichlorobenzene	45			ug/l	50.0		89.1	70-130	4.97	20
1,3-Dichlorobenzene	46			ug/l	50.0		91.6	70-130	1.60	20
1,4-Dichlorobenzene	44			ug/l	50.0		88.2	70-130	4.31	20
1,1-Dichloroethane	43			ug/l	50.0		86.6	70-130	2.03	20
1,2-Dichloroethane	42			ug/l	50.0		84.6	70-130	1.62	20
trans-1,2-Dichloroethene	45			ug/l	50.0		89.1	70-130	2.40	20
cis-1,2-Dichloroethene	41			ug/l	50.0		82.4	70-130	0.412	20
1,1-Dichloroethene	44			ug/l	50.0		87.4	70-130	3.70	20
1,2-Dichloropropane	43			ug/l	50.0		86.8	70-130	0.856	20
2,2-Dichloropropane	48			ug/l	50.0		96.4	70-130	1.09	20
cis-1,3-Dichloropropene	44			ug/l	50.0		87.8	70-130	0.907	20
trans-1,3-Dichloropropene	44			ug/l	50.0		87.9	70-130	0.815	20
1,1-Dichloropropene	50			ug/l	50.0		100	70-130	1.93	20
Diethyl ether	42			ug/l	50.0		83.2	70-130	0.192	20
1,4-Dioxane	216			ug/l	250		86.2	50-150	3.21	20
Ethylbenzene	44			ug/l	50.0		88.5	70-130	1.77	20
Hexachlorobutadiene	50			ug/l	50.0		99.6	70-130	5.94	20
2-Hexanone	41			ug/l	50.0		82.5	70-130	0.803	20
Isopropylbenzene	46			ug/l	50.0		91.9	70-130	1.25	20
p-Isopropyltoluene	46			ug/l	50.0		92.5	70-130	1.59	20
Methylene Chloride	43			ug/l	50.0		86.4	70-130	2.47	20
4-Methyl-2-pentanone	42			ug/l	50.0		83.2	70-130	2.05	20
Naphthalene	41			ug/l	50.0		81.8	70-130	5.12	20
n-Propylbenzene	45			ug/l	50.0		90.4	70-130	1.88	20
Styrene	46			ug/l	50.0		91.9	70-130	0.347	20
1,1,1,2-Tetrachloroethane	46			ug/l	50.0		92.0	70-130	0.0652	20
Tetrachloroethene	47			ug/l	50.0		94.9	70-130	2.91	20
Tetrahydrofuran	40			ug/l	50.0		80.8	50-150	5.02	20
Toluene	42			ug/l	50.0		84.6	70-130	1.62	20
1,2,4-Trichlorobenzene	46			ug/l	50.0		92.1	70-130	5.10	20
1,2,3-Trichlorobenzene	43			ug/l	50.0		86.3	70-130	6.29	20
1,1,2-Trichloroethane	42			ug/l	50.0		85.0	70-130		

Quality Control
(Continued)

Volatile Organic Compounds (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2A0425 - Purge-Trap (Continued)										
LCS Dup (B2A0425-BSD1)					Prepared: 01/10/22 Analyzed: 01/11/22					
1,1,1-Trichloroethane	45			ug/l	50.0		90.4	70-130	0.990	20
Trichloroethene	41			ug/l	50.0		81.4	70-130	0.542	20
1,2,3-Trichloropropane	42			ug/l	50.0		83.2	70-130	0.144	20
1,3,5-Trimethylbenzene	45			ug/l	50.0		89.2	70-130	3.05	20
1,2,4-Trimethylbenzene	45			ug/l	50.0		90.2	70-130	1.56	20
Vinyl Chloride	54			ug/l	50.0		107	70-130	0.724	20
o-Xylene	45			ug/l	50.0		90.6	70-130	2.85	20
m&p-Xylene	90			ug/l	100		89.6	70-130	2.16	20
1,1,2,2-Tetrachloroethane	41			ug/l	50.0		82.5	70-130	1.80	20
tert-Amyl methyl ether	44			ug/l	50.0		87.1	70-130	0.0459	20
1,3-Dichloropropane	43			ug/l	50.0		85.1	70-130	1.79	20
Ethyl tert-butyl ether	43			ug/l	50.0		86.4	70-130	1.93	20
Trichlorofluoromethane	44			ug/l	50.0		88.7	70-130	2.67	20
Dichlorodifluoromethane	68			ug/l	50.0		136	70-130	5.19	20
Surrogate: 4-Bromofluorobenzene			*49.1*	ug/l	*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4			*55.2*	ug/l	*50.0*		*110*	*70-130*		
Surrogate: Toluene-d8			*48.5*	ug/l	*50.0*		*97.0*	*70-130*		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

NEW ENGLAND TESTING LABORATORY, INC.
59 Greenhill Street
West Warwick, RI 02893
1-888-863-8522

CHAIN OF CUSTODY RECORD

2 A 1 0079 o

PROJ. NO.	PROJECT NAME/LOCATION
53977	1144 Eddy St. Providence, RI

CLIENT: SAGE Environmental, Inc.
REPORT TO: sage@sage-enviro.com
INVOICE TO:

DATE	TIME	COMP	GRAB	SAMPLE I.D.	AQUEOUS	SOIL	OTHER	NO OF CONTAINERS	PRESERVATIVE	TESTS** VOCs	REMARKS
1-19-22	11:15		X	SE-301 (MW)	X			3	HCL	X	
1-19-22	12:35		X	SE-302 (MW)	X			3	HCL	X	

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks:	Special Instructions:
[signature]	1-19-22 13:10			Temp. received: _____ Cooled ✓	List Specific Detection Limit Requirements: RIDEM GB GW obj.
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time		Turnaround (Business Days): 48 hour
[signature]	1-19-22 15:40	[signature]	1/20 1540		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

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ATTACHMENT 2

Bona Fide Prospective Purchaser Certification Statement

1144 Eddy Street, LLC hereby represents and certifies to the Rhode Island Department of Environmental Management ("Department") that:

1. 1144 Eddy Street, LLC intends to purchase the Site (the term "Site" shall be used herein as that term is defined in Rhode Island General Laws Section 23-19.14-3(n)) and that the Site is contaminated with hazardous materials;
2. 1144 Eddy Street, LLC has documented its intent to purchase the Site in writing to the Department;
3. 1144 Eddy Street, LLC has offered to pay fair market value for the Site in its contaminated state;
4. 1144 Eddy Street, LLC is not an owner or former owner of the Site or any part of the Site;
5. 1144 Eddy Street, LLC is not an operator, former operator or otherwise responsible for the operation of any activities on the Site;
6. 1144 Eddy Street, LLC is not otherwise a responsible party as that term is defined in Rhode Island General Laws Section 23-19.14-3(m); and
7. 1144 Eddy Street, LLC does not have more than a ten percent (10%) equitable or other legal interest in the Site or any of the operations related to the contamination at the Site.

It is so agreed:

By:

Joseph R. Paolino, Jr. 3/25/2022

1144 Eddy Street, LLC Date

By: Joseph R. Paolino, JR., Authorized Member

In reliance upon these representations by 1144 Eddy Street, LLC to the Department, the Department has determined that 1144 Eddy Street, LLC is a *bona fide* prospective purchaser of 1144 Eddy Street of Providence, Plat 57, Lot 291.

State of Rhode Island
Department of Environmental Management

By:

DEM Representative Date

Bona Fide Prospective Purchaser Certification Statement

1144 Eddy Street, LLC hereby represents and certifies to the Rhode Island Department of Environmental Management ("Department") that:

1. 1144 Eddy Street, LLC intends to purchase the Site (the term "Site" shall be used herein as that term is defined in Rhode Island General Laws Section 23-19.14-3(n)) and that the Site is contaminated with hazardous materials;
2. 1144 Eddy Street, LLC has documented its intent to purchase the Site in writing to the Department;
3. 1144 Eddy Street, LLC has offered to pay fair market value for the Site in its contaminated state;
4. 1144 Eddy Street, LLC is not an owner or former owner of the Site or any part of the Site;
5. 1144 Eddy Street, LLC is not an operator, former operator or otherwise responsible for the operation of any activities on the Site;
6. 1144 Eddy Street, LLC is not otherwise a responsible party as that term is defined in Rhode Island General Laws Section 23-19.14-3(m); and
7. 1144 Eddy Street, LLC does not have more than a ten percent (10%) equitable or other legal interest in the Site or any of the operations related to the contamination at the Site.

It is so agreed:

By:

Joseph R. Pauling Jr. 3/25/2022

1144 Eddy Street, LLC Date

By: Joseph R. Pauling, Jr., Authorized Member

In reliance upon these representations by 1144 Eddy Street, LLC to the Department, the Department has determined that 1144 Eddy Street, LLC is a *bona fide* prospective purchaser of 1144 Eddy Street of Providence, Plat 57, Lot 291.

State of Rhode Island
Department of Environmental Management

By:

DEM Representative Date