Synergy Environmental Inc.
Environmental Consultants

155 Railroad Plaza, 1st Floor
Royersford, PA 19468
Phone: (484) 369-5000 Fax: (484) 369-2000

Email: choran@synergyenvinc.com
Direct Dial: 484-369-2010

September 9, 2021

Mr. Stan Bonis, P.G.
Groundwater Management Permits Coordinator
Oil Remediation and Compliance Bureau
NHDES Waste Management Division
P.O. Box 95, 29 Hazen Drive
Concord, New Hampshire 03302-0095

RE: UST Removal Report
Facility: NH0021
585 Lafayette Road
Seabrook, New Hampshire
Facility ID No. 0111950
Site Number: 199106013
Synergy Project No. 20-00186-NH0021

Dear Mr. Bonis:

Synergy Environmental Inc. (Synergy) is pleased to submit this underground storage tank (UST) removal report. This report describes activities related to the removal of the underground storage tank (UST) systems from a retail gas station located at 585 Lafayette Road in Seabrook, NH (**Figure 1**).

The property was leased by Lehigh Gas Wholesale Services, LLC. from Getty Realty Corporation (Getty). Metro Environmental Services, LLC (MES) of Farmingdale, NY, was contracted by the lessee to remove the UST systems. Synergy provided soil sampling services. Geoinsight, Inc. (Geoinsight) was on site to represent Getty. A list of project contacts is provided in **Attachment 1**.

Site Description

The property is located at 585 Lafayette Road, Seabrook, New Hampshire. (**Figure 1**). The approximate coordinates are:

- Latitude 42 degrees, 53 minutes, 31.87 Seconds; Longitude -70 Degrees, 52 Minutes, 23.06 Seconds.

The property was a retail gasoline station. Site improvements included a single-story building, and fuel island canopy. The three unleaded fiberglass gasoline USTs (10,000, 8,000 and 6,000 gallon capacities) were located north of the building and northwest of the former fueling area. The tanks and lines were double wall fiberglass reinforced plastic. The tanks interstitial spaces were brine filled. Vent lines, which normally do not contain product, were single wall fiberglass, and the vent stack was steel. **Figure 2** is a detailed Site map, which includes the locations of known site monitoring wells.

TANK SYSTEM REMOVAL

On June 23, 2021, Synergy submitted a UST Closure Notification form to the NHDES. Due to a subsequent change in contractor, a revised form was submitted on July 20, 2021. The contractor then informed Synergy that they had provided the correct Certified Tank Remover No. (ICC-U2), but the incorrect name. Therefore, a corrected form was submitted on August 3, 2021. Copies of the forms are provided in **Attachment 2**.

Prior to August 10, 2021, the concrete from top of the tanks had been removed. On August 10-11, 2021, Synergy personnel observed the removal of the two USTs and associated lines. New Hampshire Department of Environmental Services (NHDES) representative Tom Fargo was present for most of the tank removal activities.

On August 10, 2021, a total of approximately 275 gallons were pumped from the tanks and lines and transported to Industrial Oil Tank Service Corp - Oriskany, NY for recycling. A copy if the Bill-of-Lading for the tank contents is provided in **Attachment 3**. Sludge removed from the tanks was transported to Advanced Waste Water Treatment (AWWT), 208 Route 109, Farmingdale, NY for management. The shipping documents have been requested but have not been received.

All three tanks were removed on August 10, 2021. An educator was used to vent each tank prior to removal from the ground. As Tank No. 10 was being uncovered, the product line was damaged and liquid drained from the interstitial space.

After removal, the USTs were inspected and observed to be in good condition. The tanks were crushed on site, placed in roll off containers, and later transported to Errco Recycling Resource Waste Source 270 Exeter Rd, Epping, NH 03042 for disposal. No shipping documentation was required.

The total depth of the UST excavation was approximately 11 feet. Groundwater was encountered in the tank excavation at a depth of about 8 feet bgs. A groundwater sample was collected for laboratory analysis for VOCs.

During the UST removal process, soil samples were screened by the headspace method using a photoionization detector (PID). One composite soil sample was collected from the sidewalls of

the excavation for laboratory analysis. The sample consisted of a combination of discrete soil samples collected from the approximate center of each of the four side walls at a depth of approximately 8 feet below ground surface (bgs), just above the groundwater. The soil used in the screening process was not included in the composite sample.

On August 11, 2021, the product lines and dispenser pans were removed, and no obvious failures were observed. Soil samples were collected under each of the three former dispenser and every ten feet (approximate) under the product lines.

Soil samples and groundwater samples were submitted to Alpha Analytical in Westboro, MA (Alpha) and analyzed for volatile organic compounds (VOCs) and gasoline range organics (GRO). The approximate sampling locations are presented on **Figure 3**.

Screening and Analytical and Results

A screening sample (peastone) collected below Tank No. 9 had a headspace result of 400 parts per million by volume (ppm/v). This result may be related to the liquid that drained from the interstitial space in the Tank No. 10 product line.

With the exception of the East discrete sample screening result of 76.2, ppm/v, none of the side wall screening results exceeded 3.5 ppm/v. The soil with the 76.2 ppm/v result was gray, which suggests weathering, and may be the result of historic releases at the site.

None of the dispenser or line soil sample screening results exceeded 12 ppm/v. These results do not indicate significant contamination. NHDES was informed of the two elevated headspace results (400 ppm/v and 76.2 ppm), and indicated that segregation of these materials would not be necessary. Headspace results are presented in **Table 1**.

A total of 11 soil samples were collected for laboratory analysis; one composite from the tank field excavation, and one grab sample from under each of the three dispensers, and seven samples under the product lines. In addition a groundwater sample was collected from the excavation. Samples were analyzed for the VOCs by Method 8260C and GRO by Method 8015D.

Total petroleum hydrocarbons (gasoline range organics) were detected in the tank field composite sample (TF-Soil) the samples from below Dispenser No. 2 (D-2) and in one of the line samples (L-6). The maximum result was 21,000 micrograms per kilogram (µg /Kg) in TF-Soil. The NHDES Soil Remediation Standard is 10,000, 000 µg/Kg. Various petroleum related VOCs were detected in sample TF-Soil, and line samples L-1, L-4 and L-6. None of the results exceeded or approached the NHDES Soil Remediation Standards (SRS).

Various petroleum related VOCs and styrene, acetone, and 2-butanone were detected in the groundwater sample. Styrene, acetone, and 2-butanone are not typically found in gasoline, and no other source for these compounds was apparent. It is likely that these detections are the result

of laboratory contamination.

The New Hampshire Ambient Groundwater Quality Standards (AGQS) were exceeded for toluene, naphthalene, and 1,2,4-Trimethylbenzene. AGQS No other exceedances were identified.

Soil results are summarized in **Table 2**; Groundwater results are summarized in **Table 3**. A copy of the lab report in included as **Attachment 4**.

Data Quality

No data quality issues were noted by the laboratory.

LIFT REMOVALS

Two hydraulic vehicle lifts were excavated and removed on August 12, 2021. A total of about 50 gallons of hydraulic oil were removed from the lifts during the work. The hydraulic fluid was shipped to AWWT for management. The shipping documents have been requested but have not been received.

One soil sample from each excavation and one from the excavated material were screened by the headspace method. All results were 0.0 ppm/v. Post-excavation soil samples were collected from each excavation and analyzed at Alpha for VOCs, polynuclear aromatic hydrocarbons (PAHs), and diesel range organics (DRO). No exceedances of SRS were identified. Headspace results are provided in **Table 1**. Laboratory results are summarized in **Table 4**.

Data Quality

No data quality issues were noted by the laboratory.

Conclusions and Recommendations

Soil data did not indicate the exceedance of any NHDES Soil Remediaiton Standards. Laboratory data indicated a release of gasoline related VOCs in the groundwater sample. Three compounds -- toluene, naphthalene, and 1,2,4-Trimethylbenzene – were detected at concentrations exceeding the AGQS. Since this site is currently undergoing groundwater monitoring in accordance with Groundwater Management Permit (GMP) No. 199106013-S-005, no additional actions are recommended.

Selected photographs taken during the removals are included as **Attachment 5**.

Should you require any additional information or have any questions regarding please contact Christopher J. Horan of Synergy at (484) 369-5000.

Sincerely yours,

SYNERGY ENVIRONMENTAL, INC.

Christopher J. Horan, L.S.P.
Project Manager

Brian Loughnane
Director of Geosciences

cc: Jeremy Holland (CAP)
Gus Nicholson (CAP)
File

Attachments:

Table 1	Soil Headspace Screening Results
Table 2	Summary of UST Removal Soil Analytical Results
Table 3	Summary of Groundwater Analytical Results
Table 4	Summary of Lift Removal Soil Analytical Results
Figure 1	Site Location Map
Figure 2	Detailed Site Map
Figure 3	Soil Sample Location Map
Attachment 1	Project Contact List
Attachment 2	UST Closure Notification Forms
Attachment 3	Tank Contents Bill-of-Lading
Attachment 4	Laboratory Reports
Attachment 5	Photographs

Tables

Table 1

Soil Headspace Screening Results[1]

585 Lafayette Road

Seabrook, New Hampshire

Synergy Project No. 20-00186-NH0021

Headspace Sample Location	Date Sampled	Approximate Depth (ft bgs)	PID Headspace Result (ppm/v)	Laboratory Sample?
North SideWall	8/10/2021	8	0.0	see note 2
East Side Wall	8/10/2021	8	76.2	see note 2
South Side Wall	8/10/2021	8	3.5	see note 2
West Side Wall	8/10/2021	8	0.0	see note 2
Bottom of Tank #9	8/10/2021	11	400	
D-1	8/11/2021	2	0.0	
D-2	8/11/2021	3	0.0	
D-3	8/11/2021	3	0.0	
L-1	8/11/2021	3	0.0	
L-2	8/11/2021	3	0.0	
L-3	8/11/2021	3	0.0	
L-4	8/11/2021	3	0.0	
L-5	8/11/2021	3	0.0	
L-6	8/11/2021	3	12.0	
L-7	8/11/2021	4	0.5	

Notes:

1. ft bgs - Feet below ground surface
   ppm/v - parts per million by volume
   PID - Photoinoizaton Detector
2. Composited to form sample TF-Soil

Table 2

Summary of UST Removal Soil Analytical Results [1, 2]

585 Lafayette Road

Seabrook, New Hampshire

Synergy Project No. 20-00186-NH0021

		Analyte Group			Volatile Organic Compounds												Petroleum Hydrocarbons	
		Analyte			Toluene		Ethylbenzene		p/m-Xylene		o-Xylene		Total Xylenes		Acetone		n-Butylbenzene		sec-Butylbenzene		p-Isopropyltoluene		1,3,5-Trimethylbenzene		1,2,4-Trimethylbenzene		GRO	
		Units			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		NHDES Soil Remediation Standard [3]			100,000		140,000		500,000		500,000		500,000		75,000		110,000		130,000		3,400,000		96,000		130,000		10,000,000	
Sample ID	Lab Sample ID	Sample Type	Date Sampled	Approximate Depth (ft bgs)		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
D-1	L2143079-01	Grab	8/11/2021	2	ND (0.88)		ND (0.88)		ND (1.8)		ND (0.88)		ND (0.88)		ND (22)		ND (0.88)		ND (0.88)		ND (0.88)		ND (1.8)		ND (1.8)		ND (2200)	
D-2	L2143079-02	Grab	8/11/2021	3	ND (0.94)		ND (0.94)		ND (1.9)		ND (0.94)		ND (0.94)		ND (23)		ND (0.94)		ND (0.94)		ND (0.94)		ND (1.9)		ND (1.9)		2,500	
D-3	L2143079-03	Grab	8/11/2021	3	ND (1.0)		ND (1.0)		ND (2.0)		ND (1.0)		ND (1.0)		ND (25)		ND (1.0)		ND (1.0)		ND (1.0)		ND (2)		ND (2)		ND (2300)	
L-1	L2143079-04	Grab	8/11/2021	3	ND (0.96)		ND (0.96)		ND (1.9)		ND (0.96)		ND (0.96)		36		ND (0.96)		ND (0.96)		ND (0.96)		ND (1.9)		ND (1.9)		ND (2300)	
L-2	L2143079-05	Grab	8/11/2021	3	ND (1.0)		ND (1.0)		ND (2.1)		ND (1.0)		ND (1.0)		ND (26)		ND (1.0)		ND (1.0)		ND (1.0)		ND (2.1)		ND (2.1)		ND (2400)	
L-3	L2143079-06	Grab	8/11/2021	3	ND (0.94)		ND (0.94)		ND (1.9)		ND (0.94)		ND (0.94)		ND (23)		ND (0.94)		ND (0.94)		ND (0.94)		ND (1.9)		ND (1.9)		ND (2400-	
L-4	L2143079-07	Grab	8/11/2021	3	1.3		ND (0.9)		ND (1.8)		ND (0.9)		ND (0.9)		ND (23)		ND (0.90)		ND (0.90)		ND (0.90)		ND (1.8)		ND (1.8)		ND (2300)	
L-5	L2143079-08	Grab	8/11/2021	3	ND (0.97)		ND (0.97)		ND (1.9)		ND (0.97)		ND (0.97)		ND (24)		ND (0.97)		ND (0.97)		ND (0.97)		ND (1.9)		ND (1.9)		ND (2600)	
L-6	L2143079-09	Grab	8/11/2021	3	1.4		1.0		6.4		6.7		13		ND (25)		ND (0.97)		ND (0.97)		ND (0.97)		4.6		16		2,800	
L-7	L2143079-10	Grab	8/11/2021	4	ND (1.1)		ND (1.1)		ND (2.1)		ND (1.1)		ND (1.1)		ND (26)		ND (1.0)		ND (1.0)		ND (1.0)		ND (2.1)		ND (2.1)		ND	
TF-Soil		Composite [4]		8	0.92		ND (0.89)		ND (1.8)		ND (0.89)		ND (0.89)		ND (22)		5.3		1.9		1.2		ND (1.8)		4.8		21,000	

Notes:

1. µg/Kg - Micrograms per Kilogram
   GRO - Gasoline Ranges Organic Compounds
   ft bgs - Feet Below Ground Surface
   ND = Not detected at RL in ( )
   RL = Reporting Limit
   Q = Qualifier
2. Only analytes detected in at least one sample are presented. See laboratory report for full analyte list and additional information.
3. NHDES Soil Remediation Standards. Exceedances in bold.
4. Composite of four excavation wall samples (North, East, South, and West)

Table 3
Summary of Groundwater Analytical Results[1, 2]
585 Lafayette Road
Seabrook, New Hampshire
Synergy Project No. 20-00186-NH0021

Analyte Group				Volatile Organic Compounds																																					
Analyte				Benzene		Toluene		Ethylbenzene		Methyl tert butyl ether		p/m-Xylene		o-Xylene		Total Xylenes		Styrene		Acetone		2-Butanone		n-Butylbenzene		sec-Butylbenzene		Isopropylbenzene		p-Isopropyltoluene		Naphthalene		n-Propylbenzene		1,3,5-Trimethylbenzene		1,2,4-Trimethylbenzene		Tert-Butyl Alcohol	
Units				µg/L		µg/L		µg/L		µg/L		µg/L		mg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
NHDES Ambient Water Quality Standard[3]				5		1,000		700		13		10,000		10,000		10,000		100		6,000		4,000		260		260		800		260		20		260		330		330		40	
Sample ID	Lab Sample ID	Date of Sampling	Depth to Water (Feet)		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
TF-WATER1	L2142806-01	10-Aug	~8	**270**		**2,500**		340		7.4		1,100		580		1,700		4.6		73		230	E	6.2		3.3		20		2.2		**54**		52		74		**340**	E	25	

Notes:
1. µg/L - Micrograms per liter
   mg/L - Milligrams per liter
   VOCs - Volatile Organic Compounds
   NHDES - New Hampshire Department of Environmental Services
   NA - Not Applicable
   ND = Not detected at RL in ( )
   NS - No Standard
   RL = Reporting Limit
   Q = Qualifier
   E = Estimated Concentration for this analyte is an estimated value due to exceeding the calibration range or interferences resulting in a biased final concentration.
   -- = Not Analyzed for this Parameter or Not Measured
2. Only detected analytes are presented. See laboratory report for full analyte list.
3. NHDES Ambient Water Qualtity Critera. Exceedeces in bold.

Table 4

Summary of LIft Removal Analytical Results [1, 2]

585 Lafayette Road

Seabrook, New Hampshire

Synergy Project No. 20-00186-NH0021

		Analyte Group		Volatile Organic Compounds						Polynuclear Aromatic Hydrocarbons											
		Analyte		Tetrachloroethene		o-Xylene		Total Xylenes		Acetone		Fluoranthene		Naphthalene		Benzo(a)anthracene		Benzo(a)pyrene		Benzo(b)fluoranthene	
		Units		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		NHDES Soil Remediation Standard [3]		2,000		500,000		500,000		75,000		960,000		5,000		1,000		700		1,000	
Sample ID	Lab Sample ID	Sample Type	Date Sampled		Q		Q		Q		Q		Q		Q		Q		Q		Q
LIFT-1	L2143357-01	Grab	8/12/2021	12		ND (1.0)		ND (1.0)		ND (25)		68		ND (4.1)		34		42		61	
LIFT-2	L2143357-02	Grab	8/12/2021	18		0.98		0.98		37		300		7.7		110		120		170	

Notes:

1. µg/Kg - Micrograms per Kilogram
   mg/Kg - Milligrams per Kilogram
   TPH - Total Petroleum Hydrocarbons
   DRO - Diesel Range Organics
   ft bgs - Feet Below Ground Surface
   NA - Not Applicable
   ND = Not detected at RL in ( )
   NS - No Standard
   RL = Reporting Limit
   NR = Not Recorded
   Q = Qualifier
   -- = Not Analyzed for this Parameter or Not Measured
2. Only analytes detected in at least one sample are presented. See laboratory report for full analyte list and additional information.
3. NHDES Soil Remediation Standards. Exceedances in bold.

Table 4

Summary of LIft Removal Analytical Results [1, 2]

585 Lafayette Road

Seabrook, New Hampshire

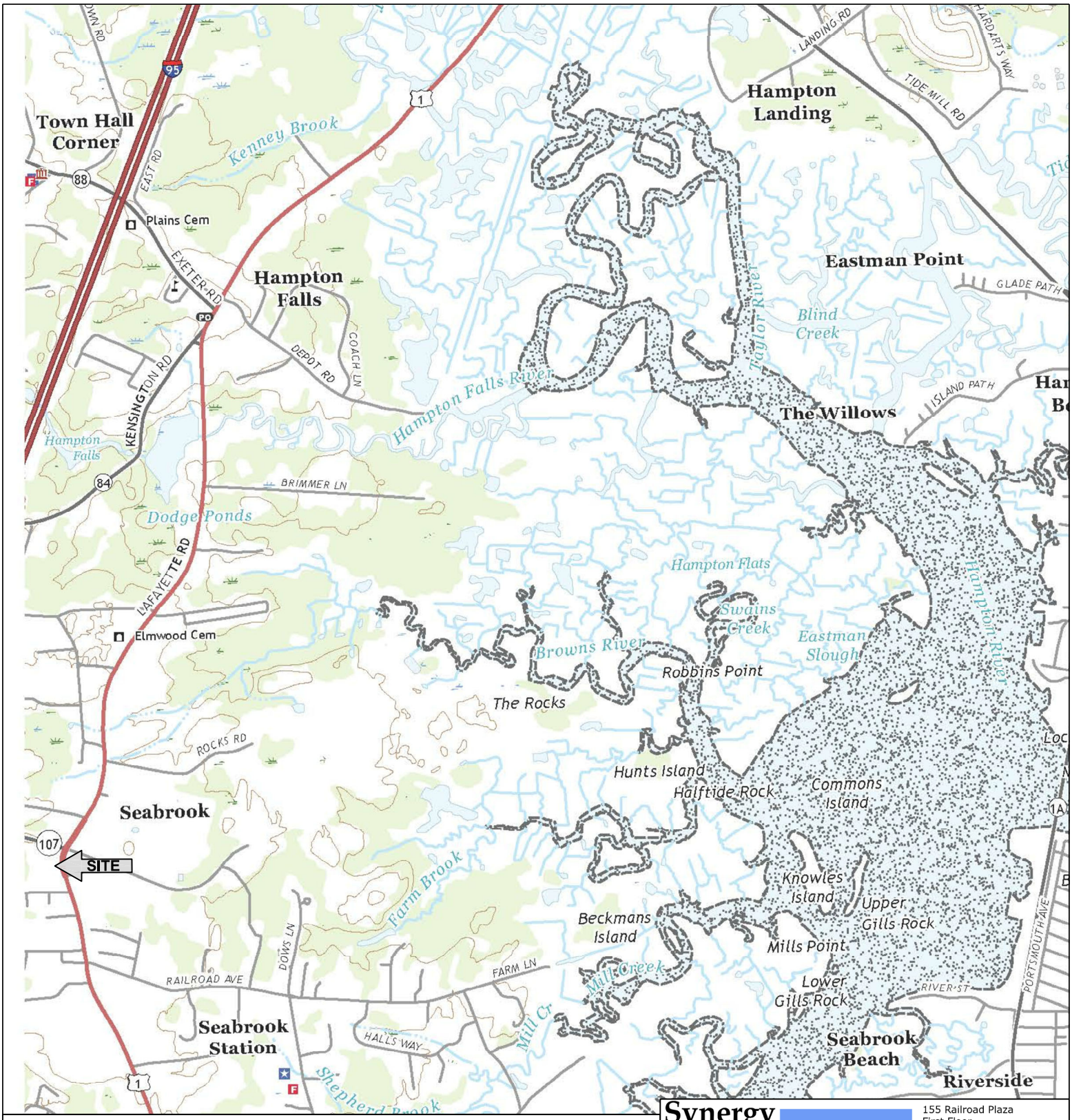
Synergy Project No. 20-00186-NH0021

		Analyte Group		Polynuclear Aromatic Hydrocarbons																		TPH	
		Analyte		Benzo(k)fluoranthene		Chrysene		Acenaphthylene		Anthracene		Benzo(ghi)perylene		Fluorene		Phenanthrene		Dibenzo(a,h)anthracene		Indeno(1,2,3-cd)pyrene		Pyrene		DRO	
		Units		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
		NHDES Soil Remediation Standard [3]		12,000		120,000		490,000		1,000,000		960,000		77,000		960,000		700		1,000		720,000		10,000,000	
Sample ID	Lab Sample ID	Sample Type	Date Sampled		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
LIFT-1	L2143357-01	Grab	8/12/2021	19		42		34		14		45		ND (7.1)		31		8.6		46		68		76,000	
LIFT-2	L2143357-02	Grab	8/12/2021	59		150		84		33		86		13		220		22		100		280		440,000	

Notes:

1. µg/Kg - Micrograms per Kilogram
   mg/Kg - Milligrams per Kilogram
   TPH - Total Petroleum Hydrocarbons
   DRO - Diesel Range Organics
   ft bgs - Feet Below Ground Surface
   NA - Not Applicable
   ND = Not detected at RL in ( )
   NS - No Standard
   RL = Reporting Limit
   NR = Not Recorded
   Q = Qualifier
   -- = Not Analyzed for this Parameter or Not Measured
2. Only analytes detected in at least one sample are presente
3. NHDES Soil Remediation Standards. Exceedances in bold

Figures



NOTE: – Topography obtained from 2021 USGS 7.5' Topographic Quadrangle Map of Hampton, NH, MA

Synergy Environmental Inc.
Environmental Consultants
155 Railroad Plaza
First Floor
Royersford, PA 19468
P: 484-369-5000
F: 484-369-2000
W: www.synergyenvinc.com

FIGURE 1
Site Location Map
587 Lafayette Road
Seabrook, New Hampshire

Drawn By:	Checked By:	Approved By:
EDF	CJH	CJH

Scale	Dwg Name:	Sheet:	Date:
1" = approx. 2,000'	Location	Site	9-8-21

Synergy Project No.: 20-00186-NH0021

Rev.
Desc.:

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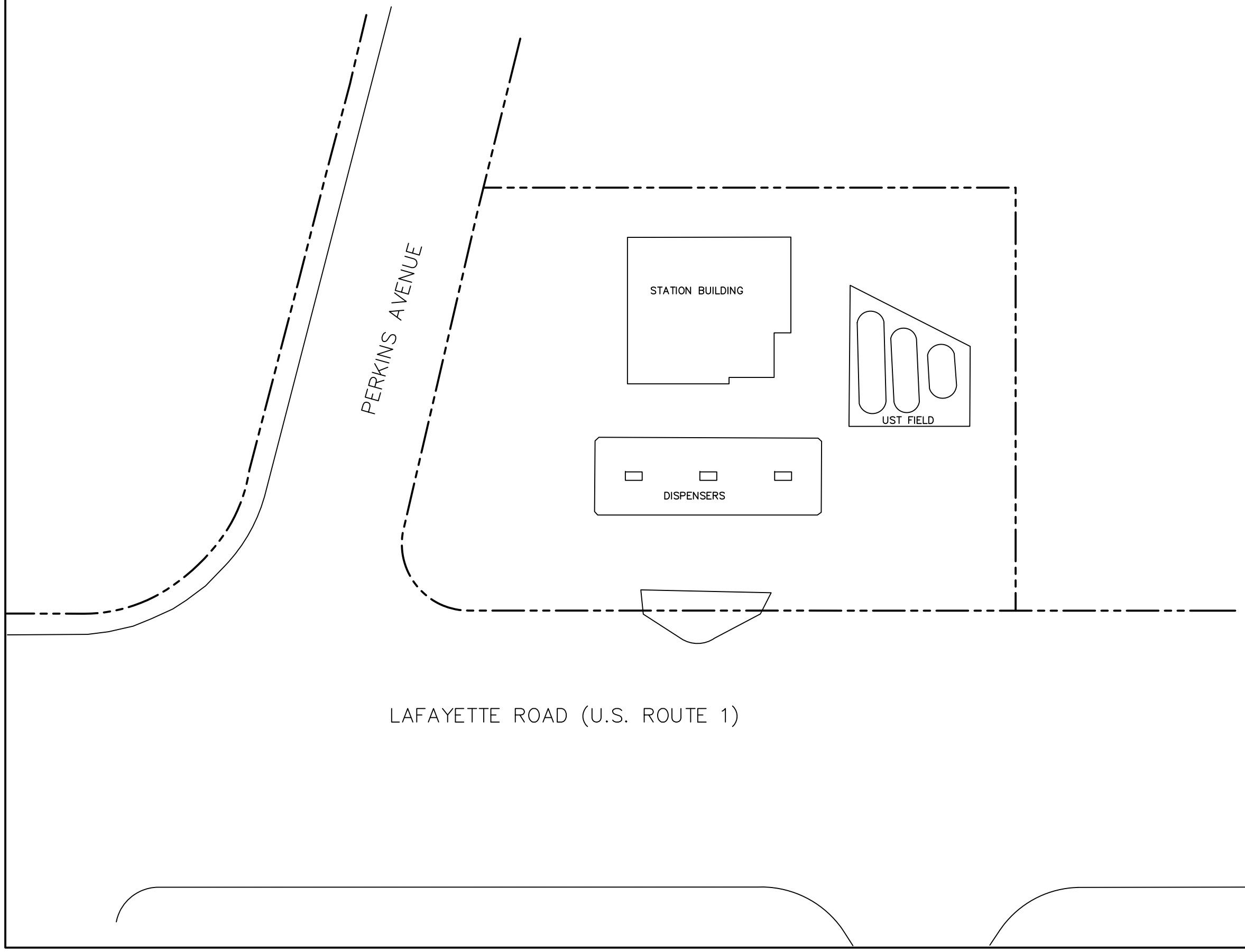

LEGEND

Approximate Property Boundary

Notes: –Site features obtained from "Site Plan", prepared by GeoInsight, dated 5/11/21.

0 15 30

MAP SCALE

Synergy Environmental Inc.
Environmental Consultants
155 Railroad Plaza
First Floor
Royersford, PA 19468
P: 484-369-5000
F: 484-369-2000
W: www.synergyenvinc.com

FIGURE 2
Detailed Site Map
587 Lafayette Road
Seabrook, New Hampshire

Drawn By:	Checked By:	Approved By:
EDF	CJH	CJH

Scale:	Dwg No:	Sheet:	Date:
1" = 30'	SE Seabrook	Site	9-8-21

Synergy Project No.: 20-00186-NH0021

Rev. Desc.:

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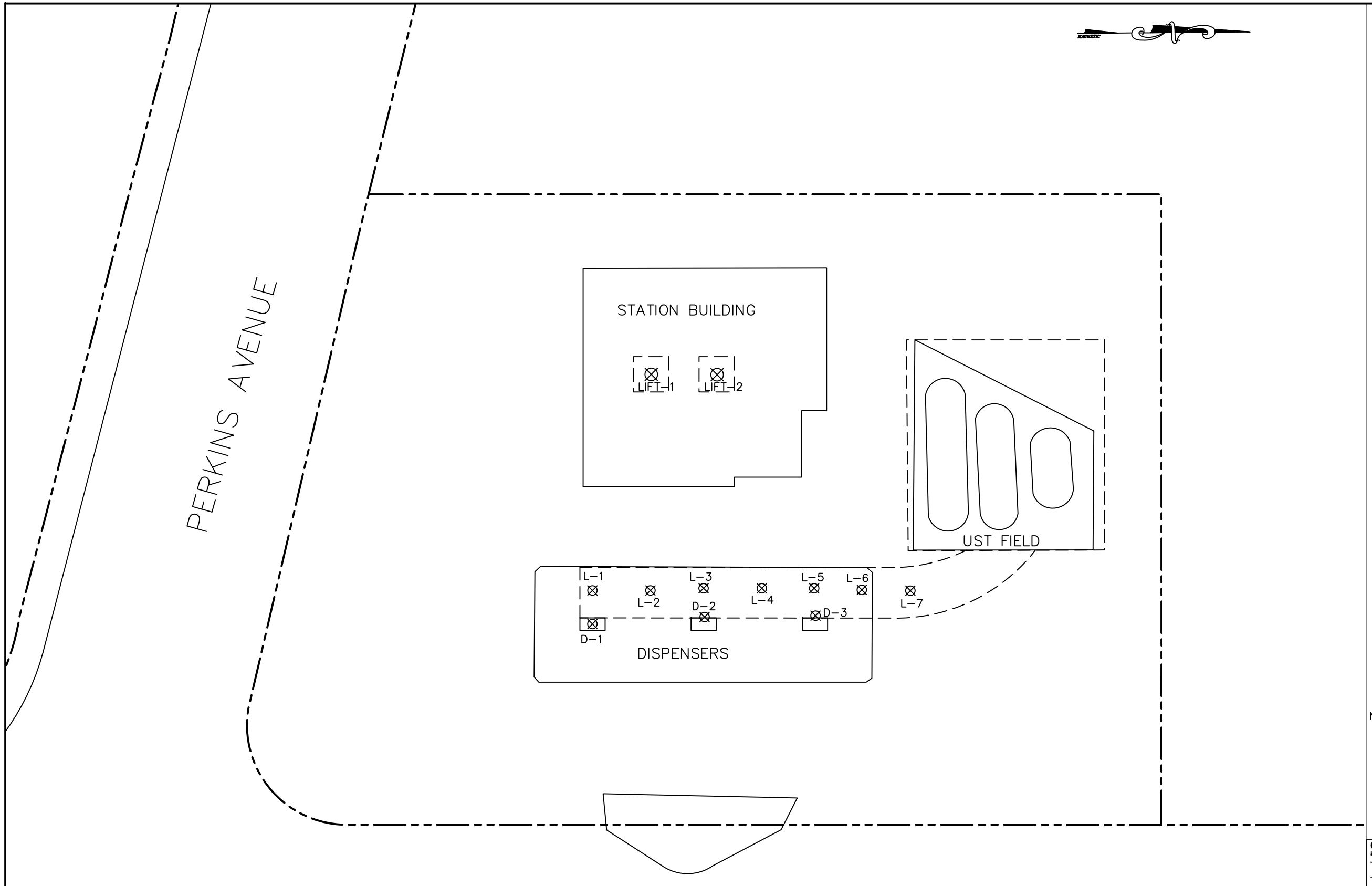

LEGEND

⊠ Soil Sample Location

Approximate Excavation Location

Notes: –Site features obtained from "Site Plan", prepared by GeoInsight, dated 5/11/21.

0 10 20

MAP SCALE

Synergy Environmental Inc.
Environmental Consultants

155 Railroad Plaza
First Floor
Royersford, PA 19468
P: 484-369-5000
F: 484-369-2000
W: www.synergyenvinc.com

FIGURE 3
Soil Sample Location Map
587 Lafayette Road
Seabrook, New Hampshire

Drawn By:	Checked By:	Approved By:
EDF	CJH	CJH

Scale:	Dwg No:	Sheet:	Date:
1" = 30'	SE Seabrook	Soil	9-8-21

Synergy Project No.: 20-00186-NH0021

Rev. Desc.:

File Path: G:\PDrive NonLG\CAP\New Hampshire\NH0021 587 Lafayette Rd Seabrook\J-Dwgs Figs\Seabrook - Fig 3 - Soil Locations.pdf

Attachment 1

Project Contacts

ATTACHMENT 1
UST REMOVAL PROJECT CONTACT LIST

Jeremy Holland
Environmental Compliance Manager
Lehigh Gas Wholesale Services, LLC. (LGWS [Lessee, responsible for UST system removal])
Cross America Partners, LP
645 Hamilton Street
Suite 400
Allentown, PA 18101
Main Phone: 610-625-8000

Christopher J. Horan
Senior Project Manager
Synergy Environmental, Inc. (consultant to LGWS)
155 Railroad Plaza, 1st Floor
Royersford, PA 19468
484-369-5000
choran@synergyenvinc.com

Christopher Ward
Field Staff, System Removals
Synergy Environmental, Inc.
155 Railroad Plaza, 1st Floor
Royersford, PA 19468
484-369-5000
cward@synergyenvinc.com

Paul Tyree
Metro Environmental Services, LLC (Contractor)
ICC Certification No. 9123273
208 Route 109, Suite 106
Farmingdale, NY 11735
Office: 631-393-6655
ptyree@mesllc.org

Tomas Fargo, P.G.
Project Manager
Oil-Remediation and Compliance
NHDES
29 Hazen Drive
Concord, NH
03302-0095
603-271-7389
thomas.fargo@des.nh.gov

Attachment 2

UST Closure Notification

Underground Storage Tank Closure Notification Form

Oil Remediation and Compliance Bureau

RSA 146-C; Env-Or 408.06

ATTENTION: This form is a document used to facilitate the submission of information required under Env-Or 400. Nothing in this form is required to be submitted to the Department unless such a requirement is expressly stated in the rules. If there is any inconsistency between this document and the adopted rules, only those requirements specified in the rules are applicable and enforceable. Use of this form to submit information required under the rules is OPTIONAL.

The owner shall notify NHDES at least 14 days prior to any UST system or piping system permanent closure.

1. Person Reporting Notification	
Name: Christopher J. Horan	Date: 06/23/2021
Address: 155 Railroad Plaza, 1st Floor	Initial: CJH
Phone: (484) 369 - 5000	Email: choran@synergyenvinc.com

2. Facility Information	
NHDES Site # 199106013	Facility ID # 0111950
Name: NH0021	
Address: 587 Lafayette Rd. Seabrook, NH 03874-4212	

3. Owner Information	
Name: NHLG-UST I LLC c/o Cross America Partners (contact: Gus Nicholson)	
Address: 645 Hamilton Street, Suite 500, Allentown, PA 18101	
Phone: (610) 625 - 8000	Email: enicholson@caplp.com

4. Tank Removal Information - Select all that apply:
L – Leaker Suspected **R** – Removed **F** – Filled In Place **P** – Piping Only Closed

L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☐ F ☐ P ☐
Tank # 8	Tank # 9	Tank # 10	Tank #
Size: 10,000	Size: 8,000	Size: 6,000	Size:
Product: Gasoline	Product: Gasoline	Product: Gasoline	Product:
Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☐ NO

5. Certified Tank Remover Present: Henry LaMountian ICC-U2 Certificate #: 8028945

6. Local Fire Dept. Notified: 06/23/2021 ICC-U2 Expiration Date: 9/19/2021

7. Scheduled Closure Date: 09/13/21 Date Notified: 06/23/2021

Underground Storage Tank Closure Notification Form

Oil Remediation and Compliance Bureau

RSA 146-C; Env-Or 408.06

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The owner shall notify NHDES at least 14 days prior to any UST system or piping system permanent closure.

1. Person Reporting Notification	
Name: Christopher J. Horan	Date: 07/20/2021
Address: 155 Railroad Plaza, 1st Floor	Initial: CJH
Phone: (484) 369 - 5000	Email: choran@synergyenvinc.com

2. Facility Information	
NHDES Site # 199106013	Facility ID # 0111950
Name: NH0021	
Address: 587 Lafayette Rd. Seabrook, NH 03874-4212	

3. Owner Information	
Name: NHLG-UST I LLC c/o Cross America Partners (contact: Gus Nicholson)	
Address: 645 Hamilton Street, Suite 500, Allentown, PA 18101	
Phone: (610) 625 - 8000	Email: enicholson@caplp.com

4. Tank Removal Information - Select all that apply:
L – Leaker Suspected **R** – Removed **F** – Filled In Place **P** – Piping Only Closed

L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☐ F ☐ P ☐
Tank # 8	Tank # 9	Tank # 10	Tank #
Size: 10,000	Size: 8,000	Size: 6,000	Size:
Product: Gasoline	Product: Gasoline	Product: Gasoline	Product:
Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☐ NO

5. Certified Tank Remover Present: Shawn Healey ICC-U2 Certificate #: 9123273

6. Local Fire Dept. Notified: 07/20/2021 ICC-U2 Expiration Date: 7/19/2023

7. Scheduled Closure Date: 08/09/21 (start) Date Notified: 06/23/2021

Underground Storage Tank Closure Notification Form

Oil Remediation and Compliance Bureau

RSA 146-C; Env-Or 408.06

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The owner shall notify NHDES at least 14 days prior to any UST system or piping system permanent closure.

1. Person Reporting Notification	
Name: Christopher J. Horan	Date: 07/20/2021
Address: 155 Railroad Plaza, 1st Floor	Initial: CJH
Phone: (484) 369 - 5000	Email: choran@synergyenvinc.com

2. Facility Information	
NHDES Site # 199106013	Facility ID # 0111950
Name: NH0021	
Address: 587 Lafayette Rd. Seabrook, NH 03874-4212	

3. Owner Information	
Name: NHLG-UST I LLC c/o Cross America Partners (contact: Gus Nicholson)	
Address: 645 Hamilton Street, Suite 500, Allentown, PA 18101	
Phone: (610) 625 - 8000	Email: enicholson@caplp.com

4. Tank Removal Information - Select all that apply:
L – Leaker Suspected **R** – Removed **F** – Filled In Place **P** – Piping Only Closed

L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☒ F ☐ P ☐	L ☐ R ☐ F ☐ P ☐
Tank # 8	Tank # 9	Tank # 10	Tank #
Size: 10,000	Size: 8,000	Size: 6,000	Size:
Product: Gasoline	Product: Gasoline	Product: Gasoline	Product:
Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☒ NO	Will tank/piping be replaced underground? ☐ YES ☐ NO

5. Certified Tank Remover Present: Paul Tyree ICC-U2 Certificate #: 9123273

6. Local Fire Dept. Notified: 07/20/2021 ICC-U2 Expiration Date: 7/19/2023

7. Scheduled Closure Date: 08/09/21 (start) Date Notified: 06/23/2021

Attachment 3

Tank Contents Bill of Lading

CR002-0002

Straight Bill of Lading

Please type or print

ACV ENVIRO

1. Generator EPA ID # (if applicable)	2. Page 1 of	3. Emergency Response #	4. Document Tracking Number
		708 327 3320	ACV 109419

5. Generator Name and Mailing Address	Generator's Site Address (if different)
BP 587 Lafayette Rd. Seabrook, NH 03874 Generator Phone:	ACV Job Number:

6. Transporter 1 Company Name SAN-270 1400 — US EPA ID Number (if applicable) NYR000131581

7. Transporter 2 Company Name ACV ENVIRONMENTAL SERVICES, INC. — US EPA ID Number (if applicable) NYR000126017

8. Designated Facility Name and Mailing Address — US EPA ID Number (if applicable)

INDUSTRIAL OIL TANK SERVICES CORPORATION — NYR000005298
120 DAY ROAD
ORISKANY, NY 13424

8. Designated Facility Phone:

9a. HM	9b. Material Description (Proper shipping name required if DOT Hazardous Material)	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit (Wt/Vol)	13. Waste Codes
X	1. UN1203, GASOLINE MIXTURE, 3, II	X X 1	DT	X X 2 7 5	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

NY PROFILE # 1000183871
GASOLINE & WATER (FOR RECYCLE)
WC

16. Generator/Offeror's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded and are in all respects proper condition for transport according to applicable international and national governmental regulations.

Printed/Typed Name	Signature	Month	Day	Year
X	X	3	10	2021

Transporter

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Juan Lara		3	10	2021

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

Facility

19. Discrepancy Indication Space (to be completed by Designated Facility)

20. Discrepancy Facility: Certification of receipt of the materials covered by this shipping paper except as noted in item 19

Printed/Typed Name	Signature	Month	Day	Year

Attachment 4

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L2142806
Client:	Synergy Environmental 155 Railroad Plaza Royersford, PA 19468
ATTN:	Chris Horan
Phone:	(484) 369-5000
Project Name:	SEABROOK
Project Number:	20-00186-NH0021
Report Date:	08/17/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2142806-01	TF-WATER1	WATER	NH	08/10/21 10:40	08/10/21
L2142806-02	TF-SOIL	SOIL	NH	08/10/21 14:55	08/10/21

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Case Narrative (continued)

Volatile Organics

L2142806-01D2: The analysis was performed utilizing a compromised vial.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/17/21

ORGANICS

VOLATILES

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-01
Client ID: TF-WATER1
Sample Location: NH

Date Collected: 08/10/21 10:40
Date Received: 08/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/11/21 23:44
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	250	E	ug/l	0.50	--	1
Toluene	1000	E	ug/l	0.75	--	1
Ethylbenzene	280	E	ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-01 Date Collected: 08/10/21 10:40

Client ID: TF-WATER1 Date Received: 08/10/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	7.4		ug/l	1.0	--	1
p/m-Xylene	700	E	ug/l	1.0	--	1
o-Xylene	460	E	ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	4.6		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	73		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	230	E	ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	6.2		ug/l	0.50	--	1
sec-Butylbenzene	3.3		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	20		ug/l	0.50	--	1
p-Isopropyltoluene	2.2		ug/l	0.50	--	1
Naphthalene	54		ug/l	2.5	--	1
n-Propylbenzene	52		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-01 Date Collected: 08/10/21 10:40

Client ID: TF-WATER1 Date Received: 08/10/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trimethylbenzene	74		ug/l	2.5	--	1
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	270	E	ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Tert-Butyl Alcohol	25		ug/l	10	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	84		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-01 D2 Date Collected: 08/10/21 10:40
Client ID: TF-WATER1 Date Received: 08/10/21
Sample Location: NH Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/13/21 19:28
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Toluene	2500		ug/l	38	--	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-01 D
Client ID: TF-WATER1
Sample Location: NH

Date Collected: 08/10/21 10:40
Date Received: 08/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/13/21 02:03
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	270		ug/l	5.0	--	10
Ethylbenzene	340		ug/l	5.0	--	10
p/m-Xylene	1100		ug/l	10	--	10
o-Xylene	580		ug/l	10	--	10
Xylenes, Total	1700		ug/l	10	--	10
2-Butanone	160		ug/l	50	--	10
1,2,4-Trimethylbenzene	340		ug/l	25	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	92		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-02
Client ID: TF-SOIL
Sample Location: NH

Date Collected: 08/10/21 14:55
Date Received: 08/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/14/21 10:14
Analyst: NLK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	--	1
1,1-Dichloroethane	ND		ug/kg	0.89	--	1
Chloroform	ND		ug/kg	1.3	--	1
Carbon tetrachloride	ND		ug/kg	0.89	--	1
1,2-Dichloropropane	ND		ug/kg	0.89	--	1
Dibromochloromethane	ND		ug/kg	0.89	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	--	1
Tetrachloroethene	ND		ug/kg	0.44	--	1
Chlorobenzene	ND		ug/kg	0.44	--	1
Trichlorofluoromethane	ND		ug/kg	3.5	--	1
1,2-Dichloroethane	ND		ug/kg	0.89	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	--	1
Bromodichloromethane	ND		ug/kg	0.44	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	--	1
1,1-Dichloropropene	ND		ug/kg	0.44	--	1
Bromoform	ND		ug/kg	3.5	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	--	1
Benzene	ND		ug/kg	0.44	--	1
Toluene	0.92		ug/kg	0.89	--	1
Ethylbenzene	ND		ug/kg	0.89	--	1
Chloromethane	ND		ug/kg	3.5	--	1
Bromomethane	ND		ug/kg	1.8	--	1
Vinyl chloride	ND		ug/kg	0.89	--	1
Chloroethane	ND		ug/kg	1.8	--	1
1,1-Dichloroethene	ND		ug/kg	0.89	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	--	1

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-02 Date Collected: 08/10/21 14:55

Client ID: TF-SOIL Date Received: 08/10/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	--	1
Methyl tert butyl ether	ND		ug/kg	1.8	--	1
p/m-Xylene	ND		ug/kg	1.8	--	1
o-Xylene	ND		ug/kg	0.89	--	1
Xylenes, Total	ND		ug/kg	0.89	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.89	--	1
Dibromomethane	ND		ug/kg	1.8	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	--	1
Styrene	ND		ug/kg	0.89	--	1
Dichlorodifluoromethane	ND		ug/kg	8.9	--	1
Acetone	ND		ug/kg	22	--	1
Carbon disulfide	ND		ug/kg	8.9	--	1
2-Butanone	ND		ug/kg	8.9	--	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	--	1
2-Hexanone	ND		ug/kg	8.9	--	1
Bromochloromethane	ND		ug/kg	1.8	--	1
Tetrahydrofuran	ND		ug/kg	3.5	--	1
2,2-Dichloropropane	ND		ug/kg	1.8	--	1
1,2-Dibromoethane	ND		ug/kg	0.89	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	--	1
Bromobenzene	ND		ug/kg	1.8	--	1
n-Butylbenzene	5.3		ug/kg	0.89	--	1
sec-Butylbenzene	1.9		ug/kg	0.89	--	1
tert-Butylbenzene	ND		ug/kg	1.8	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.8	--	1
o-Chlorotoluene	ND		ug/kg	1.8	--	1
p-Chlorotoluene	ND		ug/kg	1.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	--	1
Hexachlorobutadiene	ND		ug/kg	3.5	--	1
Isopropylbenzene	ND		ug/kg	0.89	--	1
p-Isopropyltoluene	1.2		ug/kg	0.89	--	1
Naphthalene	ND		ug/kg	3.5	--	1
n-Propylbenzene	ND		ug/kg	0.89	--	1

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-02 Date Collected: 08/10/21 14:55

Client ID: TF-SOIL Date Received: 08/10/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	--	1
1,2,4-Trimethylbenzene	4.8		ug/kg	1.8	--	1
Ethyl ether	ND		ug/kg	1.8	--	1
Isopropyl Ether	ND		ug/kg	1.8	--	1
Tert-Butyl Alcohol	ND		ug/kg	18	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.8	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.8	--	1
1,4-Dioxane	ND		ug/kg	71	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/11/21 19:21
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534437-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/11/21 19:21
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534437-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/11/21 19:21
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534437-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 20:08
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534767-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 20:08
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534767-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 20:08
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1534767-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1535152-5					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
1,2-Dichloroethene, Total	ND		ug/l	0.50	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1535152-5					
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 10:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1535152-5					
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Isopropyl Ether	ND		ug/l	2.0	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,4-Dioxane	ND		ug/l	250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/14/21 09:49
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1535285-5					
Methylene chloride	ND		ug/kg	5.0	--
1,1-Dichloroethane	ND		ug/kg	1.0	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	1.0	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.0	--
Tetrachloroethene	ND		ug/kg	0.50	--
Chlorobenzene	ND		ug/kg	0.50	--
Trichlorofluoromethane	ND		ug/kg	4.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	0.50	--
Bromodichloromethane	ND		ug/kg	0.50	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--
1,1-Dichloropropene	ND		ug/kg	0.50	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--
Benzene	ND		ug/kg	0.50	--
Toluene	ND		ug/kg	1.0	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	4.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	1.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	0.50	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/14/21 09:49
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1535285-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	--
1,3-Dichlorobenzene	ND		ug/kg	2.0	--
1,4-Dichlorobenzene	ND		ug/kg	2.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	1.0	--
Xylenes, Total	ND		ug/kg	1.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	2.0	--
1,2,3-Trichloropropane	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	1.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	25	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	2.0	--
Tetrahydrofuran	ND		ug/kg	4.0	--
2,2-Dichloropropane	ND		ug/kg	2.0	--
1,2-Dibromoethane	ND		ug/kg	1.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--
Bromobenzene	ND		ug/kg	2.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	2.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--
o-Chlorotoluene	ND		ug/kg	2.0	--

Project Name: SEABROOK **Lab Number:** L2142806

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/14/21 09:49
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1535285-5					
p-Chlorotoluene	ND		ug/kg	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--
Hexachlorobutadiene	ND		ug/kg	4.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	4.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--
Ethyl ether	ND		ug/kg	2.0	--
Isopropyl Ether	ND		ug/kg	2.0	--
Tert-Butyl Alcohol	ND		ug/kg	20	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--
1,4-Dioxane	ND		ug/kg	80	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534437-3 WG1534437-4								
Methylene chloride	88		90		70-130	2		20
1,1-Dichloroethane	86		88		70-130	2		20
Chloroform	88		89		70-130	1		20
Carbon tetrachloride	94		97		63-132	3		20
1,2-Dichloropropane	90		92		70-130	2		20
Dibromochloromethane	99		99		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	92		90		70-130	2		20
Chlorobenzene	92		92		75-130	0		25
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	97		98		70-130	1		20
1,1,1-Trichloroethane	90		92		67-130	2		20
Bromodichloromethane	94		95		67-130	1		20
trans-1,3-Dichloropropene	95		94		70-130	1		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
1,1-Dichloropropene	91		91		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	90		89		70-130	1		25
Toluene	87		88		70-130	1		25
Ethylbenzene	91		90		70-130	1		20
Chloromethane	78		78		64-130	0		20
Bromomethane	76		78		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534437-3 WG1534437-4								
Vinyl chloride	86		87		55-140	1		20
Chloroethane	97		100		55-138	3		20
1,1-Dichloroethene	91		91		61-145	0		25
trans-1,2-Dichloroethene	89		90		70-130	1		20
Trichloroethene	84		83		70-130	1		25
1,2-Dichlorobenzene	97		96		70-130	1		20
1,3-Dichlorobenzene	93		92		70-130	1		20
1,4-Dichlorobenzene	94		94		70-130	0		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	89		90		70-130	1		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	82		83		36-147	1		20
Acetone	120		110		58-148	9		20
Carbon disulfide	85		86		51-130	1		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	120		120		59-130	0		20
2-Hexanone	120		120		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
Tetrahydrofuran	96		100		58-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534437-3 WG1534437-4								
2,2-Dichloropropane	88		88		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	93		92		64-130	1		20
Bromobenzene	93		94		70-130	1		20
n-Butylbenzene	97		96		53-136	1		20
sec-Butylbenzene	94		95		70-130	1		20
tert-Butylbenzene	90		91		70-130	1		20
o-Chlorotoluene	90		90		70-130	0		20
p-Chlorotoluene	89		91		70-130	2		20
1,2-Dibromo-3-chloropropane	120		120		41-144	0		20
Hexachlorobutadiene	97		96		63-130	1		20
Isopropylbenzene	91		90		70-130	1		20
p-Isopropyltoluene	95		95		70-130	0		20
Naphthalene	**150**	Q	120		70-130	**22**	Q	20
n-Propylbenzene	92		90		69-130	2		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		99		70-130	1		20
1,3,5-Trimethylbenzene	89		89		64-130	0		20
1,3,5-Trichlorobenzene	99		98		70-130	1		20
1,2,4-Trimethylbenzene	92		91		70-130	1		20
Ethyl ether	120		130		59-134	8		20
Isopropyl Ether	90		88		70-130	2		20
Tert-Butyl Alcohol	**170**	Q	**168**	Q	70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534437-3 WG1534437-4								
Ethyl-Tert-Butyl-Ether	97		96		70-130	1		20
Tertiary-Amyl Methyl Ether	99		98		66-130	1		20
1,4-Dioxane	**192**	Q	**188**	Q	56-162	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534767-3 WG1534767-4								
Methylene chloride	95		96		70-130	1		20
1,1-Dichloroethane	96		95		70-130	1		20
Chloroform	94		94		70-130	0		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	93		94		70-130	1		20
Chlorobenzene	95		96		75-130	1		25
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	94		95		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		97		70-130	1		20
1,1-Dichloropropene	95		96		70-130	1		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	97		96		70-130	1		25
Toluene	93		93		70-130	0		25
Ethylbenzene	94		95		70-130	1		20
Chloromethane	90		88		64-130	2		20
Bromomethane	76		78		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534767-3 WG1534767-4								
Vinyl chloride	96		95		55-140	1		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	94		95		61-145	1		25
trans-1,2-Dichloroethene	94		94		70-130	0		20
Trichloroethene	86		90		70-130	5		25
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	96		97		70-130	1		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	96		95		70-130	1		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	85		83		36-147	2		20
Acetone	120		130		58-148	8		20
Carbon disulfide	93		92		51-130	1		20
2-Butanone	120		120		63-138	0		20
4-Methyl-2-pentanone	130		130		59-130	0		20
2-Hexanone	**140**	Q	130		57-130	7		20
Bromochloromethane	100		100		70-130	0		20
Tetrahydrofuran	120		130		58-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534767-3 WG1534767-4								
2,2-Dichloropropane	94		86		63-133	9		20
1,2-Dibromoethane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	98		100		64-130	2		20
Bromobenzene	96		97		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	98		98		70-130	0		20
tert-Butylbenzene	93		94		70-130	1		20
o-Chlorotoluene	98		100		70-130	2		20
p-Chlorotoluene	94		97		70-130	3		20
1,2-Dibromo-3-chloropropane	130		130		41-144	0		20
Hexachlorobutadiene	100		92		63-130	8		20
Isopropylbenzene	94		94		70-130	0		20
p-Isopropyltoluene	98		98		70-130	0		20
Naphthalene	120		120		70-130	0		20
n-Propylbenzene	96		96		69-130	0		20
1,2,3-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	93		95		64-130	2		20
1,3,5-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trimethylbenzene	95		95		70-130	0		20
Ethyl ether	120		130		59-134	8		20
Isopropyl Ether	99		99		70-130	0		20
Tert-Butyl Alcohol	**164**	Q	**162**	Q	70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1534767-3 WG1534767-4								
Ethyl-Tert-Butyl-Ether	100		100		70-130	0		20
Tertiary-Amyl Methyl Ether	100		100		66-130	0		20
1,4-Dioxane	156		146		56-162	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		110		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1535152-3 WG1535152-4								
Methylene chloride	99		98		70-130	1		20
1,1-Dichloroethane	88		84		70-130	5		20
Chloroform	98		95		70-130	3		20
Carbon tetrachloride	87		86		63-132	1		20
1,2-Dichloropropane	89		84		70-130	6		20
Dibromochloromethane	94		92		63-130	2		20
1,1,2-Trichloroethane	95		92		70-130	3		20
Tetrachloroethene	92		90		70-130	2		20
Chlorobenzene	96		91		75-130	5		25
Trichlorofluoromethane	91		88		62-150	3		20
1,2-Dichloroethane	90		89		70-130	1		20
1,1,1-Trichloroethane	88		85		67-130	3		20
Bromodichloromethane	96		91		67-130	5		20
trans-1,3-Dichloropropene	89		88		70-130	1		20
cis-1,3-Dichloropropene	96		91		70-130	5		20
1,1-Dichloropropene	86		86		70-130	0		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	99		94		70-130	5		25
Toluene	97		93		70-130	4		25
Ethylbenzene	93		89		70-130	4		20
Chloromethane	95		93		64-130	2		20
Bromomethane	110		94		39-139	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1535152-3 WG1535152-4								
Vinyl chloride	71		69		55-140	3		20
Chloroethane	88		91		55-138	3		20
1,1-Dichloroethene	92		89		61-145	3		25
trans-1,2-Dichloroethene	100		91		70-130	9		20
Trichloroethene	82		77		70-130	6		25
1,2-Dichlorobenzene	93		92		70-130	1		20
1,3-Dichlorobenzene	91		93		70-130	2		20
1,4-Dichlorobenzene	92		92		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	95		92		70-130	3		20
Dibromomethane	94		94		70-130	0		20
1,2,3-Trichloropropane	95		98		64-130	3		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	110		99		36-147	11		20
Acetone	91		98		58-148	7		20
Carbon disulfide	98		93		51-130	5		20
2-Butanone	89		86		63-138	3		20
4-Methyl-2-pentanone	74		77		59-130	4		20
2-Hexanone	88		96		57-130	9		20
Bromochloromethane	100		97		70-130	3		20
Tetrahydrofuran	120		110		58-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1535152-3 WG1535152-4								
2,2-Dichloropropane	110		97		63-133	13		20
1,2-Dibromoethane	100		95		70-130	5		20
1,1,1,2-Tetrachloroethane	94		90		64-130	4		20
Bromobenzene	91		94		70-130	3		20
n-Butylbenzene	92		89		53-136	3		20
sec-Butylbenzene	98		99		70-130	1		20
tert-Butylbenzene	85		85		70-130	0		20
o-Chlorotoluene	92		91		70-130	1		20
p-Chlorotoluene	87		88		70-130	1		20
1,2-Dibromo-3-chloropropane	86		93		41-144	8		20
Hexachlorobutadiene	89		90		63-130	1		20
Isopropylbenzene	87		87		70-130	0		20
p-Isopropyltoluene	87		88		70-130	1		20
Naphthalene	73		77		70-130	5		20
n-Propylbenzene	90		86		69-130	5		20
1,2,3-Trichlorobenzene	89		87		70-130	2		20
1,2,4-Trichlorobenzene	91		85		70-130	7		20
1,3,5-Trimethylbenzene	88		87		64-130	1		20
1,3,5-Trichlorobenzene	97		94		70-130	3		20
1,2,4-Trimethylbenzene	89		87		70-130	2		20
Ethyl ether	110		110		59-134	0		20
Isopropyl Ether	93		90		70-130	3		20
Tert-Butyl Alcohol	78		94		70-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1535152-3 WG1535152-4								
Ethyl-Tert-Butyl-Ether	79		76		70-130	4		20
Tertiary-Amyl Methyl Ether	95		90		66-130	5		20
1,4-Dioxane	90		100		56-162	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	103		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1535285-3 WG1535285-4								
Methylene chloride	99		94		70-130	5		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	90		89		70-130	1		30
Carbon tetrachloride	99		97		70-130	2		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	105		104		70-130	1		30
1,1,2-Trichloroethane	98		99		70-130	1		30
Tetrachloroethene	104		104		70-130	0		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	92		90		70-139	2		30
1,2-Dichloroethane	91		92		70-130	1		30
1,1,1-Trichloroethane	96		95		70-130	1		30
Bromodichloromethane	97		98		70-130	1		30
trans-1,3-Dichloropropene	103		103		70-130	0		30
cis-1,3-Dichloropropene	104		106		70-130	2		30
1,1-Dichloropropene	97		99		70-130	2		30
Bromoform	101		100		70-130	1		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	96		97		70-130	1		30
Toluene	96		95		70-130	1		30
Ethylbenzene	94		95		70-130	1		30
Chloromethane	70		68		52-130	3		30
Bromomethane	93		93		57-147	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1535285-3 WG1535285-4								
Vinyl chloride	77		74		67-130	4		30
Chloroethane	77		76		50-151	1		30
1,1-Dichloroethene	94		92		65-135	2		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	100		99		70-130	1		30
1,2-Dichlorobenzene	97		96		70-130	1		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	99		97		66-130	2		30
p/m-Xylene	102		103		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	94		94		70-130	0		30
Dibromomethane	94		95		70-130	1		30
1,2,3-Trichloropropane	91		92		68-130	1		30
Styrene	97		98		70-130	1		30
Dichlorodifluoromethane	52		50		30-146	4		30
Acetone	105		90		54-140	15		30
Carbon disulfide	90		80		59-130	12		30
2-Butanone	76		82		70-130	8		30
4-Methyl-2-pentanone	101		103		70-130	2		30
2-Hexanone	87		86		70-130	1		30
Bromochloromethane	96		95		70-130	1		30
Tetrahydrofuran	92		92		66-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1535285-3 WG1535285-4								
2,2-Dichloropropane	98		96		70-130	2		30
1,2-Dibromoethane	93		95		70-130	2		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	93		97		70-130	4		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	98		97		70-130	1		30
tert-Butylbenzene	97		97		70-130	0		30
1,3,5-Trichlorobenzene	101		100		70-139	1		30
o-Chlorotoluene	94		96		70-130	2		30
p-Chlorotoluene	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	99		98		68-130	1		30
Hexachlorobutadiene	101		99		67-130	2		30
Isopropylbenzene	99		97		70-130	2		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	97		97		70-130	0		30
n-Propylbenzene	94		97		70-130	3		30
1,2,3-Trichlorobenzene	100		98		70-130	2		30
1,2,4-Trichlorobenzene	103		100		70-130	3		30
1,3,5-Trimethylbenzene	94		96		70-130	2		30
1,2,4-Trimethylbenzene	95		96		70-130	1		30
Ethyl ether	93		90		67-130	3		30
Isopropyl Ether	100		100		66-130	0		30
Tert-Butyl Alcohol	101		96		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1535285-3 WG1535285-4								
Ethyl-Tert-Butyl-Ether	102		102		70-130	0		30
Tertiary-Amyl Methyl Ether	98		99		70-130	1		30
1,4-Dioxane	96		100		65-136	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		91		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	91		97		70-130
Dibromofluoromethane	93		94		70-130

PETROLEUM HYDROCARBONS

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2142806
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-02
Client ID: TF-SOIL
Sample Location: NH

Date Collected: 08/10/21 14:55
Date Received: 08/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 12:31
Analyst: BAD
Percent Solids: 88%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	21000		ug/kg	2600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	88		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2142806
Report Date: 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 12:01
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 02 Batch: WG1534798-4					
Gasoline Range Organics	ND		ug/kg	2500	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab	Associated sample(s): 02		Batch: WG1534798-2 WG1534798-3					
Gasoline Range Organics	95		100		80-120	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		105		70-130
4-Bromofluorobenzene	96		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1534798-6 QC Sample: L2142806-02 Client ID: TF-SOIL												
Gasoline Range Organics	21000	21000	43000	106		-	-		80-120	-		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	111				70-130
4-Bromofluorobenzene	98				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1534798-5 QC Sample: L2142806-02 Client ID: TF-SOIL						
Gasoline Range Organics	21000	22000	ug/kg	4		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		107		70-130
4-Bromofluorobenzene	88		100		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2142806
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2142806-02
Client ID: TF-SOIL
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/10/21 14:55
Date Received: 08/10/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	08/11/21 07:59	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1533724-1 QC Sample: L2142827-01 Client ID: DUP Sample						
Solids, Total	84.2	84.4	%	0		20

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2142806
Report Date: 08/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2142806-01A	Vial HCl preserved	A	NA		5.5	Y	Absent		8260-NH(14)
L2142806-01B	Vial HCl preserved	A	NA		5.5	Y	Absent		8260-NH(14)
L2142806-01C	Vial HCl preserved	A	NA		5.5	Y	Absent		8260-NH(14)
L2142806-02A	Vial MeOH preserved	A	NA		5.5	Y	Absent		TPH-GRO(14),8260HLW-NH(14)
L2142806-02B	Vial water preserved	A	NA		5.5	Y	Absent	11-AUG-21 01:04	8260HLW-NH(14)
L2142806-02C	Vial water preserved	A	NA		5.5	Y	Absent	11-AUG-21 01:04	8260HLW-NH(14)
L2142806-02D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Absent		TS(7)
L2142806-02E	Vial Large Septa unpreserved (4oz)	A	NA		5.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2142806
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 8/10/21

ALPHA Job #: L2142806

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Synergy Environmental
Address: 155 Railroad Plaza
Royersford PA 19468
Phone: 484 369 5000
Fax:
Email: ChoranC@synergyenv.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Seabrook
Project Location: NH
Project #: 20-00196-NH0021
Project Manager: Chris Horan
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Full VOC List	ANALYSIS: TPH - GRO	Sample Specific Comments	TOTAL # BOTTLES
42806-01	TF-Water 1	8/10/21	1040	GW	CJW	X			
02	TF-Soil	↓	1455	Soil	CJW	X	X		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type																							
Preservative																							

Relinquished By:	Date/Time	Received By:	Date/Time
	8/10/21 1500		8/9/21 900
	8/10/21 2123		8/10/21 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L2143079
Client:	Synergy Environmental 155 Railroad Plaza Royersford, PA 19468
ATTN:	Chris Horan
Phone:	(484) 369-5000
Project Name:	SEABROOK
Project Number:	20-00186-NH0021
Report Date:	08/17/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2143079-01	D-1	SOIL	NH	08/11/21 10:30	08/11/21
L2143079-02	D-2	SOIL	NH	08/11/21 11:05	08/11/21
L2143079-03	D-3	SOIL	NH	08/11/21 11:35	08/11/21
L2143079-04	L-1	SOIL	NH	08/11/21 10:40	08/11/21
L2143079-05	L-2	SOIL	NH	08/11/21 10:50	08/11/21
L2143079-06	L-3	SOIL	NH	08/11/21 11:00	08/11/21
L2143079-07	L-4	SOIL	NH	08/11/21 11:15	08/11/21
L2143079-08	L-5	SOIL	NH	08/11/21 11:45	08/11/21
L2143079-09	L-6	SOIL	NH	08/11/21 12:50	08/11/21
L2143079-10	L-7	SOIL	NH	08/11/21 13:05	08/11/21

Project Name:	SEABROOK	**Lab Number:**	L2143079
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

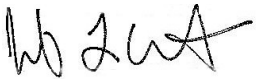
When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Jennifer L Clements

Title: Technical Director/Representative Date: 08/17/21

ORGANICS

VOLATILES

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-01 Date Collected: 08/11/21 10:30
Client ID: D-1 Date Received: 08/11/21
Sample Location: NH Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 15:56
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	--	1
1,1-Dichloroethane	ND		ug/kg	0.88	--	1
Chloroform	ND		ug/kg	1.3	--	1
Carbon tetrachloride	ND		ug/kg	0.88	--	1
1,2-Dichloropropane	ND		ug/kg	0.88	--	1
Dibromochloromethane	ND		ug/kg	0.88	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	--	1
Tetrachloroethene	ND		ug/kg	0.44	--	1
Chlorobenzene	ND		ug/kg	0.44	--	1
Trichlorofluoromethane	ND		ug/kg	3.5	--	1
1,2-Dichloroethane	ND		ug/kg	0.88	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	--	1
Bromodichloromethane	ND		ug/kg	0.44	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	--	1
1,1-Dichloropropene	ND		ug/kg	0.44	--	1
Bromoform	ND		ug/kg	3.5	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	--	1
Benzene	ND		ug/kg	0.44	--	1
Toluene	ND		ug/kg	0.88	--	1
Ethylbenzene	ND		ug/kg	0.88	--	1
Chloromethane	ND		ug/kg	3.5	--	1
Bromomethane	ND		ug/kg	1.8	--	1
Vinyl chloride	ND		ug/kg	0.88	--	1
Chloroethane	ND		ug/kg	1.8	--	1
1,1-Dichloroethene	ND		ug/kg	0.88	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-01 Date Collected: 08/11/21 10:30

Client ID: D-1 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	--	1
Methyl tert butyl ether	ND		ug/kg	1.8	--	1
p/m-Xylene	ND		ug/kg	1.8	--	1
o-Xylene	ND		ug/kg	0.88	--	1
Xylenes, Total	ND		ug/kg	0.88	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	--	1
Dibromomethane	ND		ug/kg	1.8	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	--	1
Styrene	ND		ug/kg	0.88	--	1
Dichlorodifluoromethane	ND		ug/kg	8.8	--	1
Acetone	ND		ug/kg	22	--	1
Carbon disulfide	ND		ug/kg	8.8	--	1
2-Butanone	ND		ug/kg	8.8	--	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	--	1
2-Hexanone	ND		ug/kg	8.8	--	1
Bromochloromethane	ND		ug/kg	1.8	--	1
Tetrahydrofuran	ND		ug/kg	3.5	--	1
2,2-Dichloropropane	ND		ug/kg	1.8	--	1
1,2-Dibromoethane	ND		ug/kg	0.88	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	--	1
Bromobenzene	ND		ug/kg	1.8	--	1
n-Butylbenzene	ND		ug/kg	0.88	--	1
sec-Butylbenzene	ND		ug/kg	0.88	--	1
tert-Butylbenzene	ND		ug/kg	1.8	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.8	--	1
o-Chlorotoluene	ND		ug/kg	1.8	--	1
p-Chlorotoluene	ND		ug/kg	1.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	--	1
Hexachlorobutadiene	ND		ug/kg	3.5	--	1
Isopropylbenzene	ND		ug/kg	0.88	--	1
p-Isopropyltoluene	ND		ug/kg	0.88	--	1
Naphthalene	ND		ug/kg	3.5	--	1
n-Propylbenzene	ND		ug/kg	0.88	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-01 Date Collected: 08/11/21 10:30

Client ID: D-1 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	--	1
Ethyl ether	ND		ug/kg	1.8	--	1
Isopropyl Ether	ND		ug/kg	1.8	--	1
Tert-Butyl Alcohol	ND		ug/kg	18	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.8	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.8	--	1
1,4-Dioxane	ND		ug/kg	70	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	107		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-02
Client ID: D-2
Sample Location: NH

Date Collected: 08/11/21 11:05
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 16:21
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	--	1
1,1-Dichloroethane	ND		ug/kg	0.94	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	0.94	--	1
1,2-Dichloropropane	ND		ug/kg	0.94	--	1
Dibromochloromethane	ND		ug/kg	0.94	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	--	1
Tetrachloroethene	ND		ug/kg	0.47	--	1
Chlorobenzene	ND		ug/kg	0.47	--	1
Trichlorofluoromethane	ND		ug/kg	3.8	--	1
1,2-Dichloroethane	ND		ug/kg	0.94	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	--	1
Bromodichloromethane	ND		ug/kg	0.47	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	--	1
1,1-Dichloropropene	ND		ug/kg	0.47	--	1
Bromoform	ND		ug/kg	3.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	--	1
Benzene	ND		ug/kg	0.47	--	1
Toluene	ND		ug/kg	0.94	--	1
Ethylbenzene	ND		ug/kg	0.94	--	1
Chloromethane	ND		ug/kg	3.8	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	0.94	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	0.94	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-02 Date Collected: 08/11/21 11:05

Client ID: D-2 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1
p/m-Xylene	ND		ug/kg	1.9	--	1
o-Xylene	ND		ug/kg	0.94	--	1
Xylenes, Total	ND		ug/kg	0.94	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	--	1
Dibromomethane	ND		ug/kg	1.9	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	--	1
Styrene	ND		ug/kg	0.94	--	1
Dichlorodifluoromethane	ND		ug/kg	9.4	--	1
Acetone	ND		ug/kg	23	--	1
Carbon disulfide	ND		ug/kg	9.4	--	1
2-Butanone	ND		ug/kg	9.4	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	--	1
2-Hexanone	ND		ug/kg	9.4	--	1
Bromochloromethane	ND		ug/kg	1.9	--	1
Tetrahydrofuran	ND		ug/kg	3.8	--	1
2,2-Dichloropropane	ND		ug/kg	1.9	--	1
1,2-Dibromoethane	ND		ug/kg	0.94	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	--	1
Bromobenzene	ND		ug/kg	1.9	--	1
n-Butylbenzene	ND		ug/kg	0.94	--	1
sec-Butylbenzene	ND		ug/kg	0.94	--	1
tert-Butylbenzene	ND		ug/kg	1.9	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.9	--	1
o-Chlorotoluene	ND		ug/kg	1.9	--	1
p-Chlorotoluene	ND		ug/kg	1.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	--	1
Hexachlorobutadiene	ND		ug/kg	3.8	--	1
Isopropylbenzene	ND		ug/kg	0.94	--	1
p-Isopropyltoluene	ND		ug/kg	0.94	--	1
Naphthalene	ND		ug/kg	3.8	--	1
n-Propylbenzene	ND		ug/kg	0.94	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-02 Date Collected: 08/11/21 11:05

Client ID: D-2 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	--	1
Ethyl ether	ND		ug/kg	1.9	--	1
Isopropyl Ether	ND		ug/kg	1.9	--	1
Tert-Butyl Alcohol	ND		ug/kg	19	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.9	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.9	--	1
1,4-Dioxane	ND		ug/kg	75	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	105		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-03
Client ID: D-3
Sample Location: NH

Date Collected: 08/11/21 11:35
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 16:46
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	--	1
1,1-Dichloroethane	ND		ug/kg	1.0	--	1
Chloroform	ND		ug/kg	1.5	--	1
Carbon tetrachloride	ND		ug/kg	1.0	--	1
1,2-Dichloropropane	ND		ug/kg	1.0	--	1
Dibromochloromethane	ND		ug/kg	1.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	--	1
Tetrachloroethene	ND		ug/kg	0.50	--	1
Chlorobenzene	ND		ug/kg	0.50	--	1
Trichlorofluoromethane	ND		ug/kg	4.0	--	1
1,2-Dichloroethane	ND		ug/kg	1.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	--	1
Bromodichloromethane	ND		ug/kg	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--	1
1,1-Dichloropropene	ND		ug/kg	0.50	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--	1
Benzene	ND		ug/kg	0.50	--	1
Toluene	ND		ug/kg	1.0	--	1
Ethylbenzene	ND		ug/kg	1.0	--	1
Chloromethane	ND		ug/kg	4.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	1.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-03 Date Collected: 08/11/21 11:35

Client ID: D-3 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1
p/m-Xylene	ND		ug/kg	2.0	--	1
o-Xylene	ND		ug/kg	1.0	--	1
Xylenes, Total	ND		ug/kg	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--	1
Dibromomethane	ND		ug/kg	2.0	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	1.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	25	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	2.0	--	1
Tetrahydrofuran	ND		ug/kg	4.0	--	1
2,2-Dichloropropane	ND		ug/kg	2.0	--	1
1,2-Dibromoethane	ND		ug/kg	1.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--	1
Bromobenzene	ND		ug/kg	2.0	--	1
n-Butylbenzene	ND		ug/kg	1.0	--	1
sec-Butylbenzene	ND		ug/kg	1.0	--	1
tert-Butylbenzene	ND		ug/kg	2.0	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--	1
o-Chlorotoluene	ND		ug/kg	2.0	--	1
p-Chlorotoluene	ND		ug/kg	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--	1
Hexachlorobutadiene	ND		ug/kg	4.0	--	1
Isopropylbenzene	ND		ug/kg	1.0	--	1
p-Isopropyltoluene	ND		ug/kg	1.0	--	1
Naphthalene	ND		ug/kg	4.0	--	1
n-Propylbenzene	ND		ug/kg	1.0	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-03 Date Collected: 08/11/21 11:35

Client ID: D-3 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--	1
Ethyl ether	ND		ug/kg	2.0	--	1
Isopropyl Ether	ND		ug/kg	2.0	--	1
Tert-Butyl Alcohol	ND		ug/kg	20	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--	1
1,4-Dioxane	ND		ug/kg	80	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	104		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-04
Client ID: L-1
Sample Location: NH

Date Collected: 08/11/21 10:40
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 17:11
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	--	1
1,1-Dichloroethane	ND		ug/kg	0.96	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	0.96	--	1
1,2-Dichloropropane	ND		ug/kg	0.96	--	1
Dibromochloromethane	ND		ug/kg	0.96	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	--	1
Tetrachloroethene	ND		ug/kg	0.48	--	1
Chlorobenzene	ND		ug/kg	0.48	--	1
Trichlorofluoromethane	ND		ug/kg	3.8	--	1
1,2-Dichloroethane	ND		ug/kg	0.96	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	--	1
Bromodichloromethane	ND		ug/kg	0.48	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	--	1
1,1-Dichloropropene	ND		ug/kg	0.48	--	1
Bromoform	ND		ug/kg	3.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	--	1
Benzene	ND		ug/kg	0.48	--	1
Toluene	ND		ug/kg	0.96	--	1
Ethylbenzene	ND		ug/kg	0.96	--	1
Chloromethane	ND		ug/kg	3.8	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	0.96	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	0.96	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-04 Date Collected: 08/11/21 10:40

Client ID: L-1 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1
p/m-Xylene	ND		ug/kg	1.9	--	1
o-Xylene	ND		ug/kg	0.96	--	1
Xylenes, Total	ND		ug/kg	0.96	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	--	1
Dibromomethane	ND		ug/kg	1.9	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	--	1
Styrene	ND		ug/kg	0.96	--	1
Dichlorodifluoromethane	ND		ug/kg	9.6	--	1
Acetone	36		ug/kg	24	--	1
Carbon disulfide	ND		ug/kg	9.6	--	1
2-Butanone	ND		ug/kg	9.6	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	--	1
2-Hexanone	ND		ug/kg	9.6	--	1
Bromochloromethane	ND		ug/kg	1.9	--	1
Tetrahydrofuran	ND		ug/kg	3.8	--	1
2,2-Dichloropropane	ND		ug/kg	1.9	--	1
1,2-Dibromoethane	ND		ug/kg	0.96	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	--	1
Bromobenzene	ND		ug/kg	1.9	--	1
n-Butylbenzene	ND		ug/kg	0.96	--	1
sec-Butylbenzene	ND		ug/kg	0.96	--	1
tert-Butylbenzene	ND		ug/kg	1.9	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.9	--	1
o-Chlorotoluene	ND		ug/kg	1.9	--	1
p-Chlorotoluene	ND		ug/kg	1.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	--	1
Hexachlorobutadiene	ND		ug/kg	3.8	--	1
Isopropylbenzene	ND		ug/kg	0.96	--	1
p-Isopropyltoluene	ND		ug/kg	0.96	--	1
Naphthalene	ND		ug/kg	3.8	--	1
n-Propylbenzene	ND		ug/kg	0.96	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-04 Date Collected: 08/11/21 10:40

Client ID: L-1 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	--	1
Ethyl ether	ND		ug/kg	1.9	--	1
Isopropyl Ether	ND		ug/kg	1.9	--	1
Tert-Butyl Alcohol	ND		ug/kg	19	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.9	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.9	--	1
1,4-Dioxane	ND		ug/kg	77	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	87		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-05
Client ID: L-2
Sample Location: NH

Date Collected: 08/11/21 10:50
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 17:36
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	--	1
1,1-Dichloroethane	ND		ug/kg	1.0	--	1
Chloroform	ND		ug/kg	1.6	--	1
Carbon tetrachloride	ND		ug/kg	1.0	--	1
1,2-Dichloropropane	ND		ug/kg	1.0	--	1
Dibromochloromethane	ND		ug/kg	1.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	--	1
Tetrachloroethene	ND		ug/kg	0.52	--	1
Chlorobenzene	ND		ug/kg	0.52	--	1
Trichlorofluoromethane	ND		ug/kg	4.2	--	1
1,2-Dichloroethane	ND		ug/kg	1.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	--	1
Bromodichloromethane	ND		ug/kg	0.52	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	--	1
1,1-Dichloropropene	ND		ug/kg	0.52	--	1
Bromoform	ND		ug/kg	4.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	--	1
Benzene	ND		ug/kg	0.52	--	1
Toluene	ND		ug/kg	1.0	--	1
Ethylbenzene	ND		ug/kg	1.0	--	1
Chloromethane	ND		ug/kg	4.2	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	ND		ug/kg	1.0	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-05 Date Collected: 08/11/21 10:50

Client ID: L-2 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1
p/m-Xylene	ND		ug/kg	2.1	--	1
o-Xylene	ND		ug/kg	1.0	--	1
Xylenes, Total	ND		ug/kg	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--	1
Dibromomethane	ND		ug/kg	2.1	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	--	1
Styrene	ND		ug/kg	1.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	26	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	2.1	--	1
Tetrahydrofuran	ND		ug/kg	4.2	--	1
2,2-Dichloropropane	ND		ug/kg	2.1	--	1
1,2-Dibromoethane	ND		ug/kg	1.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	--	1
Bromobenzene	ND		ug/kg	2.1	--	1
n-Butylbenzene	ND		ug/kg	1.0	--	1
sec-Butylbenzene	ND		ug/kg	1.0	--	1
tert-Butylbenzene	ND		ug/kg	2.1	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.1	--	1
o-Chlorotoluene	ND		ug/kg	2.1	--	1
p-Chlorotoluene	ND		ug/kg	2.1	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	--	1
Hexachlorobutadiene	ND		ug/kg	4.2	--	1
Isopropylbenzene	ND		ug/kg	1.0	--	1
p-Isopropyltoluene	ND		ug/kg	1.0	--	1
Naphthalene	ND		ug/kg	4.2	--	1
n-Propylbenzene	ND		ug/kg	1.0	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-05 Date Collected: 08/11/21 10:50

Client ID: L-2 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	--	1
Ethyl ether	ND		ug/kg	2.1	--	1
Isopropyl Ether	ND		ug/kg	2.1	--	1
Tert-Butyl Alcohol	ND		ug/kg	21	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.1	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.1	--	1
1,4-Dioxane	ND		ug/kg	83	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	105		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-06
Client ID: L-3
Sample Location: NH

Date Collected: 08/11/21 11:00
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 18:01
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	--	1
1,1-Dichloroethane	ND		ug/kg	0.94	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	0.94	--	1
1,2-Dichloropropane	ND		ug/kg	0.94	--	1
Dibromochloromethane	ND		ug/kg	0.94	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	--	1
Tetrachloroethene	ND		ug/kg	0.47	--	1
Chlorobenzene	ND		ug/kg	0.47	--	1
Trichlorofluoromethane	ND		ug/kg	3.7	--	1
1,2-Dichloroethane	ND		ug/kg	0.94	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	--	1
Bromodichloromethane	ND		ug/kg	0.47	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	--	1
1,1-Dichloropropene	ND		ug/kg	0.47	--	1
Bromoform	ND		ug/kg	3.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	--	1
Benzene	ND		ug/kg	0.47	--	1
Toluene	ND		ug/kg	0.94	--	1
Ethylbenzene	ND		ug/kg	0.94	--	1
Chloromethane	ND		ug/kg	3.7	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	0.94	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	0.94	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-06 Date Collected: 08/11/21 11:00

Client ID: L-3 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1
p/m-Xylene	ND		ug/kg	1.9	--	1
o-Xylene	ND		ug/kg	0.94	--	1
Xylenes, Total	ND		ug/kg	0.94	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	--	1
Dibromomethane	ND		ug/kg	1.9	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	--	1
Styrene	ND		ug/kg	0.94	--	1
Dichlorodifluoromethane	ND		ug/kg	9.4	--	1
Acetone	ND		ug/kg	23	--	1
Carbon disulfide	ND		ug/kg	9.4	--	1
2-Butanone	ND		ug/kg	9.4	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	--	1
2-Hexanone	ND		ug/kg	9.4	--	1
Bromochloromethane	ND		ug/kg	1.9	--	1
Tetrahydrofuran	ND		ug/kg	3.7	--	1
2,2-Dichloropropane	ND		ug/kg	1.9	--	1
1,2-Dibromoethane	ND		ug/kg	0.94	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	--	1
Bromobenzene	ND		ug/kg	1.9	--	1
n-Butylbenzene	ND		ug/kg	0.94	--	1
sec-Butylbenzene	ND		ug/kg	0.94	--	1
tert-Butylbenzene	ND		ug/kg	1.9	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.9	--	1
o-Chlorotoluene	ND		ug/kg	1.9	--	1
p-Chlorotoluene	ND		ug/kg	1.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	--	1
Hexachlorobutadiene	ND		ug/kg	3.7	--	1
Isopropylbenzene	ND		ug/kg	0.94	--	1
p-Isopropyltoluene	ND		ug/kg	0.94	--	1
Naphthalene	ND		ug/kg	3.7	--	1
n-Propylbenzene	ND		ug/kg	0.94	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-06 Date Collected: 08/11/21 11:00

Client ID: L-3 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	--	1
Ethyl ether	ND		ug/kg	1.9	--	1
Isopropyl Ether	ND		ug/kg	1.9	--	1
Tert-Butyl Alcohol	ND		ug/kg	19	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.9	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.9	--	1
1,4-Dioxane	ND		ug/kg	75	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	108		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-07
Client ID: L-4
Sample Location: NH

Date Collected: 08/11/21 11:15
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 18:26
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	--	1
1,1-Dichloroethane	ND		ug/kg	0.90	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	0.90	--	1
1,2-Dichloropropane	ND		ug/kg	0.90	--	1
Dibromochloromethane	ND		ug/kg	0.90	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	--	1
Tetrachloroethene	ND		ug/kg	0.45	--	1
Chlorobenzene	ND		ug/kg	0.45	--	1
Trichlorofluoromethane	ND		ug/kg	3.6	--	1
1,2-Dichloroethane	ND		ug/kg	0.90	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	--	1
Bromodichloromethane	ND		ug/kg	0.45	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	--	1
1,1-Dichloropropene	ND		ug/kg	0.45	--	1
Bromoform	ND		ug/kg	3.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	--	1
Benzene	ND		ug/kg	0.45	--	1
Toluene	1.3		ug/kg	0.90	--	1
Ethylbenzene	ND		ug/kg	0.90	--	1
Chloromethane	ND		ug/kg	3.6	--	1
Bromomethane	ND		ug/kg	1.8	--	1
Vinyl chloride	ND		ug/kg	0.90	--	1
Chloroethane	ND		ug/kg	1.8	--	1
1,1-Dichloroethene	ND		ug/kg	0.90	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-07 Date Collected: 08/11/21 11:15

Client ID: L-4 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	--	1
Methyl tert butyl ether	ND		ug/kg	1.8	--	1
p/m-Xylene	ND		ug/kg	1.8	--	1
o-Xylene	ND		ug/kg	0.90	--	1
Xylenes, Total	ND		ug/kg	0.90	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	--	1
Dibromomethane	ND		ug/kg	1.8	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	--	1
Styrene	ND		ug/kg	0.90	--	1
Dichlorodifluoromethane	ND		ug/kg	9.0	--	1
Acetone	ND		ug/kg	23	--	1
Carbon disulfide	ND		ug/kg	9.0	--	1
2-Butanone	ND		ug/kg	9.0	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	--	1
2-Hexanone	ND		ug/kg	9.0	--	1
Bromochloromethane	ND		ug/kg	1.8	--	1
Tetrahydrofuran	ND		ug/kg	3.6	--	1
2,2-Dichloropropane	ND		ug/kg	1.8	--	1
1,2-Dibromoethane	ND		ug/kg	0.90	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	--	1
Bromobenzene	ND		ug/kg	1.8	--	1
n-Butylbenzene	ND		ug/kg	0.90	--	1
sec-Butylbenzene	ND		ug/kg	0.90	--	1
tert-Butylbenzene	ND		ug/kg	1.8	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.8	--	1
o-Chlorotoluene	ND		ug/kg	1.8	--	1
p-Chlorotoluene	ND		ug/kg	1.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	--	1
Hexachlorobutadiene	ND		ug/kg	3.6	--	1
Isopropylbenzene	ND		ug/kg	0.90	--	1
p-Isopropyltoluene	ND		ug/kg	0.90	--	1
Naphthalene	ND		ug/kg	3.6	--	1
n-Propylbenzene	ND		ug/kg	0.90	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-07 Date Collected: 08/11/21 11:15

Client ID: L-4 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	--	1
Ethyl ether	ND		ug/kg	1.8	--	1
Isopropyl Ether	ND		ug/kg	1.8	--	1
Tert-Butyl Alcohol	ND		ug/kg	18	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.8	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.8	--	1
1,4-Dioxane	ND		ug/kg	72	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	109		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-08
Client ID: L-5
Sample Location: NH

Date Collected: 08/11/21 11:45
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 18:51
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	--	1
1,1-Dichloroethane	ND		ug/kg	0.97	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	0.97	--	1
1,2-Dichloropropane	ND		ug/kg	0.97	--	1
Dibromochloromethane	ND		ug/kg	0.97	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	--	1
Tetrachloroethene	ND		ug/kg	0.48	--	1
Chlorobenzene	ND		ug/kg	0.48	--	1
Trichlorofluoromethane	ND		ug/kg	3.9	--	1
1,2-Dichloroethane	ND		ug/kg	0.97	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	--	1
Bromodichloromethane	ND		ug/kg	0.48	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	--	1
1,1-Dichloropropene	ND		ug/kg	0.48	--	1
Bromoform	ND		ug/kg	3.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	--	1
Benzene	ND		ug/kg	0.48	--	1
Toluene	ND		ug/kg	0.97	--	1
Ethylbenzene	ND		ug/kg	0.97	--	1
Chloromethane	ND		ug/kg	3.9	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	0.97	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	0.97	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-08 Date Collected: 08/11/21 11:45

Client ID: L-5 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	--	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1
p/m-Xylene	ND		ug/kg	1.9	--	1
o-Xylene	ND		ug/kg	0.97	--	1
Xylenes, Total	ND		ug/kg	0.97	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	--	1
Dibromomethane	ND		ug/kg	1.9	--	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	--	1
Styrene	ND		ug/kg	0.97	--	1
Dichlorodifluoromethane	ND		ug/kg	9.7	--	1
Acetone	ND		ug/kg	24	--	1
Carbon disulfide	ND		ug/kg	9.7	--	1
2-Butanone	ND		ug/kg	9.7	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	--	1
2-Hexanone	ND		ug/kg	9.7	--	1
Bromochloromethane	ND		ug/kg	1.9	--	1
Tetrahydrofuran	ND		ug/kg	3.9	--	1
2,2-Dichloropropane	ND		ug/kg	1.9	--	1
1,2-Dibromoethane	ND		ug/kg	0.97	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	--	1
Bromobenzene	ND		ug/kg	1.9	--	1
n-Butylbenzene	ND		ug/kg	0.97	--	1
sec-Butylbenzene	ND		ug/kg	0.97	--	1
tert-Butylbenzene	ND		ug/kg	1.9	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	1.9	--	1
o-Chlorotoluene	ND		ug/kg	1.9	--	1
p-Chlorotoluene	ND		ug/kg	1.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	--	1
Hexachlorobutadiene	ND		ug/kg	3.9	--	1
Isopropylbenzene	ND		ug/kg	0.97	--	1
p-Isopropyltoluene	ND		ug/kg	0.97	--	1
Naphthalene	ND		ug/kg	3.9	--	1
n-Propylbenzene	ND		ug/kg	0.97	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-08 Date Collected: 08/11/21 11:45

Client ID: L-5 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	--	1
Ethyl ether	ND		ug/kg	1.9	--	1
Isopropyl Ether	ND		ug/kg	1.9	--	1
Tert-Butyl Alcohol	ND		ug/kg	19	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	1.9	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	1.9	--	1
1,4-Dioxane	ND		ug/kg	78	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	110		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-09
Client ID: L-6
Sample Location: NH

Date Collected: 08/11/21 12:50
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 19:16
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	--	1
1,1-Dichloroethane	ND		ug/kg	1.0	--	1
Chloroform	ND		ug/kg	1.5	--	1
Carbon tetrachloride	ND		ug/kg	1.0	--	1
1,2-Dichloropropane	ND		ug/kg	1.0	--	1
Dibromochloromethane	ND		ug/kg	1.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	--	1
Tetrachloroethene	ND		ug/kg	0.50	--	1
Chlorobenzene	ND		ug/kg	0.50	--	1
Trichlorofluoromethane	ND		ug/kg	4.0	--	1
1,2-Dichloroethane	ND		ug/kg	1.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	--	1
Bromodichloromethane	ND		ug/kg	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--	1
1,1-Dichloropropene	ND		ug/kg	0.50	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--	1
Benzene	ND		ug/kg	0.50	--	1
Toluene	1.4		ug/kg	1.0	--	1
Ethylbenzene	1.0		ug/kg	1.0	--	1
Chloromethane	ND		ug/kg	4.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	1.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-09 Date Collected: 08/11/21 12:50

Client ID: L-6 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1
p/m-Xylene	6.4		ug/kg	2.0	--	1
o-Xylene	6.7		ug/kg	1.0	--	1
Xylenes, Total	13		ug/kg	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--	1
Dibromomethane	ND		ug/kg	2.0	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	1.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	25	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	2.0	--	1
Tetrahydrofuran	ND		ug/kg	4.0	--	1
2,2-Dichloropropane	ND		ug/kg	2.0	--	1
1,2-Dibromoethane	ND		ug/kg	1.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--	1
Bromobenzene	ND		ug/kg	2.0	--	1
n-Butylbenzene	ND		ug/kg	1.0	--	1
sec-Butylbenzene	ND		ug/kg	1.0	--	1
tert-Butylbenzene	ND		ug/kg	2.0	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--	1
o-Chlorotoluene	ND		ug/kg	2.0	--	1
p-Chlorotoluene	ND		ug/kg	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--	1
Hexachlorobutadiene	ND		ug/kg	4.0	--	1
Isopropylbenzene	ND		ug/kg	1.0	--	1
p-Isopropyltoluene	ND		ug/kg	1.0	--	1
Naphthalene	ND		ug/kg	4.0	--	1
n-Propylbenzene	ND		ug/kg	1.0	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-09 Date Collected: 08/11/21 12:50

Client ID: L-6 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,3,5-Trimethylbenzene	4.6		ug/kg	2.0	--	1
1,2,4-Trimethylbenzene	16		ug/kg	2.0	--	1
Ethyl ether	ND		ug/kg	2.0	--	1
Isopropyl Ether	ND		ug/kg	2.0	--	1
Tert-Butyl Alcohol	ND		ug/kg	20	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--	1
1,4-Dioxane	ND		ug/kg	80	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	105		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-10
Client ID: L-7
Sample Location: NH

Date Collected: 08/11/21 13:05
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/12/21 19:41
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	--	1
1,1-Dichloroethane	ND		ug/kg	1.1	--	1
Chloroform	ND		ug/kg	1.6	--	1
Carbon tetrachloride	ND		ug/kg	1.1	--	1
1,2-Dichloropropane	ND		ug/kg	1.1	--	1
Dibromochloromethane	ND		ug/kg	1.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	--	1
Tetrachloroethene	ND		ug/kg	0.53	--	1
Chlorobenzene	ND		ug/kg	0.53	--	1
Trichlorofluoromethane	ND		ug/kg	4.2	--	1
1,2-Dichloroethane	ND		ug/kg	1.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	--	1
Bromodichloromethane	ND		ug/kg	0.53	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	--	1
1,1-Dichloropropene	ND		ug/kg	0.53	--	1
Bromoform	ND		ug/kg	4.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	--	1
Benzene	ND		ug/kg	0.53	--	1
Toluene	ND		ug/kg	1.1	--	1
Ethylbenzene	ND		ug/kg	1.1	--	1
Chloromethane	ND		ug/kg	4.2	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	ND		ug/kg	1.1	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	1.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-10 Date Collected: 08/11/21 13:05

Client ID: L-7 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1
p/m-Xylene	ND		ug/kg	2.1	--	1
o-Xylene	ND		ug/kg	1.1	--	1
Xylenes, Total	ND		ug/kg	1.1	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	--	1
Dibromomethane	ND		ug/kg	2.1	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	--	1
Styrene	ND		ug/kg	1.1	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	26	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	2.1	--	1
Tetrahydrofuran	ND		ug/kg	4.2	--	1
2,2-Dichloropropane	ND		ug/kg	2.1	--	1
1,2-Dibromoethane	ND		ug/kg	1.1	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	--	1
Bromobenzene	ND		ug/kg	2.1	--	1
n-Butylbenzene	ND		ug/kg	1.1	--	1
sec-Butylbenzene	ND		ug/kg	1.1	--	1
tert-Butylbenzene	ND		ug/kg	2.1	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.1	--	1
o-Chlorotoluene	ND		ug/kg	2.1	--	1
p-Chlorotoluene	ND		ug/kg	2.1	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	--	1
Hexachlorobutadiene	ND		ug/kg	4.2	--	1
Isopropylbenzene	ND		ug/kg	1.1	--	1
p-Isopropyltoluene	ND		ug/kg	1.1	--	1
Naphthalene	ND		ug/kg	4.2	--	1
n-Propylbenzene	ND		ug/kg	1.1	--	1

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-10 Date Collected: 08/11/21 13:05

Client ID: L-7 Date Received: 08/11/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	--	1
Ethyl ether	ND		ug/kg	2.1	--	1
Isopropyl Ether	ND		ug/kg	2.1	--	1
Tert-Butyl Alcohol	ND		ug/kg	21	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.1	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.1	--	1
1,4-Dioxane	ND		ug/kg	85	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	106		70-130

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 11:50
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1534534-5					
Methylene chloride	ND		ug/kg	5.0	--
1,1-Dichloroethane	ND		ug/kg	1.0	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	1.0	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.0	--
Tetrachloroethene	ND		ug/kg	0.50	--
Chlorobenzene	ND		ug/kg	0.50	--
Trichlorofluoromethane	ND		ug/kg	4.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	0.50	--
Bromodichloromethane	ND		ug/kg	0.50	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--
1,1-Dichloropropene	ND		ug/kg	0.50	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--
Benzene	ND		ug/kg	0.50	--
Toluene	ND		ug/kg	1.0	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	4.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	1.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	0.50	--

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 11:50
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1534534-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	--
1,3-Dichlorobenzene	ND		ug/kg	2.0	--
1,4-Dichlorobenzene	ND		ug/kg	2.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	1.0	--
Xylenes, Total	ND		ug/kg	1.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	2.0	--
1,2,3-Trichloropropane	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	1.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	25	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	2.0	--
Tetrahydrofuran	ND		ug/kg	4.0	--
2,2-Dichloropropane	ND		ug/kg	2.0	--
1,2-Dibromoethane	ND		ug/kg	1.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--
Bromobenzene	ND		ug/kg	2.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	2.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--
o-Chlorotoluene	ND		ug/kg	2.0	--

Project Name: SEABROOK **Lab Number:** L2143079

Project Number: 20-00186-NH0021 **Report Date:** 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/12/21 11:50
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1534534-5					
p-Chlorotoluene	ND		ug/kg	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--
Hexachlorobutadiene	ND		ug/kg	4.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	4.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--
Ethyl ether	ND		ug/kg	2.0	--
Isopropyl Ether	ND		ug/kg	2.0	--
Tert-Butyl Alcohol	ND		ug/kg	20	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--
1,4-Dioxane	ND		ug/kg	80	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1534534-3 WG1534534-4								
Methylene chloride	94		91		70-130	3		30
1,1-Dichloroethane	97		93		70-130	4		30
Chloroform	85		83		70-130	2		30
Carbon tetrachloride	84		83		70-130	1		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	89		88		70-130	1		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	85		84		70-130	1		30
Chlorobenzene	90		87		70-130	3		30
Trichlorofluoromethane	73		70		70-139	4		30
1,2-Dichloroethane	90		89		70-130	1		30
1,1,1-Trichloroethane	82		79		70-130	4		30
Bromodichloromethane	90		88		70-130	2		30
trans-1,3-Dichloropropene	106		103		70-130	3		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
1,1-Dichloropropene	83		81		70-130	2		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	104		102		70-130	2		30
Benzene	82		79		70-130	4		30
Toluene	86		83		70-130	4		30
Ethylbenzene	91		89		70-130	2		30
Chloromethane	95		90		52-130	5		30
Bromomethane	**54**	Q	**51**	Q	57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1534534-3 WG1534534-4								
Vinyl chloride	**57**	Q	**54**	Q	67-130	5		30
Chloroethane	**45**	Q	**42**	Q	50-151	7		30
1,1-Dichloroethene	80		78		65-135	3		30
trans-1,2-Dichloroethene	84		80		70-130	5		30
Trichloroethene	85		82		70-130	4		30
1,2-Dichlorobenzene	87		86		70-130	1		30
1,3-Dichlorobenzene	88		86		70-130	2		30
1,4-Dichlorobenzene	85		84		70-130	1		30
Methyl tert butyl ether	100		98		66-130	2		30
p/m-Xylene	85		82		70-130	4		30
o-Xylene	86		84		70-130	2		30
cis-1,2-Dichloroethene	84		81		70-130	4		30
Dibromomethane	85		84		70-130	1		30
1,2,3-Trichloropropane	99		99		68-130	0		30
Styrene	84		82		70-130	2		30
Dichlorodifluoromethane	54		51		30-146	6		30
Acetone	135		134		54-140	1		30
Carbon disulfide	77		73		59-130	5		30
2-Butanone	123		126		70-130	2		30
4-Methyl-2-pentanone	121		120		70-130	1		30
2-Hexanone	**134**	Q	**133**	Q	70-130	1		30
Bromochloromethane	81		80		70-130	1		30
Tetrahydrofuran	**136**	Q	**133**	Q	66-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1534534-3 WG1534534-4								
2,2-Dichloropropane	90		87		70-130	3		30
1,2-Dibromoethane	91		90		70-130	1		30
1,1,1,2-Tetrachloroethane	87		85		70-130	2		30
Bromobenzene	86		83		70-130	4		30
n-Butylbenzene	98		96		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
tert-Butylbenzene	96		94		70-130	2		30
1,3,5-Trichlorobenzene	90		89		70-139	1		30
o-Chlorotoluene	95		93		70-130	2		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	104		104		68-130	0		30
Hexachlorobutadiene	88		88		67-130	0		30
Isopropylbenzene	95		93		70-130	2		30
p-Isopropyltoluene	98		96		70-130	2		30
Naphthalene	104		107		70-130	3		30
n-Propylbenzene	94		92		70-130	2		30
1,2,3-Trichlorobenzene	93		95		70-130	2		30
1,2,4-Trichlorobenzene	92		94		70-130	2		30
1,3,5-Trimethylbenzene	98		95		70-130	3		30
1,2,4-Trimethylbenzene	99		97		70-130	2		30
Ethyl ether	97		96		67-130	1		30
Isopropyl Ether	119		117		66-130	2		30
Tert-Butyl Alcohol	119		117		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1534534-3 WG1534534-4								
Ethyl-Tert-Butyl-Ether	102		100		70-130	2		30
Tertiary-Amyl Methyl Ether	93		92		70-130	1		30
1,4-Dioxane	78		78		65-136	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		104		70-130
Toluene-d8	107		107		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	96		96		70-130

PETROLEUM HYDROCARBONS

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-01
Client ID: D-1
Sample Location: NH

Date Collected: 08/11/21 10:30
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 14:02
Analyst: BAD
Percent Solids: 91%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	103		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-02
Client ID: D-2
Sample Location: NH

Date Collected: 08/11/21 11:05
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 14:32
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2500		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	104		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-03
Client ID: D-3
Sample Location: NH

Date Collected: 08/11/21 11:35
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 15:02
Analyst: BAD
Percent Solids: 92%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	105		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-04
Client ID: L-1
Sample Location: NH

Date Collected: 08/11/21 10:40
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 15:32
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	100		70-130
4-Bromofluorobenzene	103		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-05
Client ID: L-2
Sample Location: NH

Date Collected: 08/11/21 10:50
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 16:03
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	99		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-06
Client ID: L-3
Sample Location: NH

Date Collected: 08/11/21 11:00
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 16:33
Analyst: BAD
Percent Solids: 93%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	98		70-130
4-Bromofluorobenzene	102		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-07
Client ID: L-4
Sample Location: NH

Date Collected: 08/11/21 11:15
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 17:03
Analyst: BAD
Percent Solids: 93%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	101		70-130
4-Bromofluorobenzene	102		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-08
Client ID: L-5
Sample Location: NH

Date Collected: 08/11/21 11:45
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 17:33
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	100		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-09
Client ID: L-6
Sample Location: NH

Date Collected: 08/11/21 12:50
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 18:04
Analyst: BAD
Percent Solids: 93%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	2800		ug/kg	2400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	97		70-130
4-Bromofluorobenzene	102		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-10
Client ID: L-7
Sample Location: NH

Date Collected: 08/11/21 13:05
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 18:34
Analyst: BAD
Percent Solids: 94%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	102		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 08/12/21 12:01
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01-10 Batch: WG1534798-4					
Gasoline Range Organics	ND		ug/kg	2500	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab	Associated sample(s): 01-10		Batch: WG1534798-2		WG1534798-3			
Gasoline Range Organics	95		100		80-120	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	102		105		70-130
4-Bromofluorobenzene	96		100		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-01
Client ID: D-1
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 10:30
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-02
Client ID: D-2
Sample Location: NH

Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 11:05
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-03
Client ID: D-3
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 11:35
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-04
Client ID: L-1
Sample Location: NH

Date Collected: 08/11/21 10:40
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-05
Client ID: L-2
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 10:50
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-06
Client ID: L-3
Sample Location: NH
Sample Depth:
Matrix: Soil
Date Collected: 08/11/21 11:00
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-07
Client ID: L-4
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 11:15
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-08
Client ID: L-5
Sample Location: NH

Date Collected: 08/11/21 11:45
Date Received: 08/11/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-09
Client ID: L-6
Sample Location: NH
Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 12:50
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

SAMPLE RESULTS

Lab ID: L2143079-10
Client ID: L-7
Sample Location: NH

Sample Depth:
Matrix: Soil

Date Collected: 08/11/21 13:05
Date Received: 08/11/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	08/12/21 09:10	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1534233-1 QC Sample: L2143079-01 Client ID: D-1						
Solids, Total	91.4	92.9	%	2		20

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2143079-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-01B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-01C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-01D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-01E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-01X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-02A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-02B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-02C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-02D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-02E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-02X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-03A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-03B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-03C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-03D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-03E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-03X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-04A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-04B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-04C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-04D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-04E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2143079-04X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-05A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-05B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-05C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-05D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-05E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-05X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-06A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-06B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-06C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-06D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-06E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-06X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-07A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-07B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-07C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-07D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-07E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-07X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-08A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-08B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-08C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-08D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-08E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-08X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-09A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-09B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-09C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)

*Values in parentheses indicate holding time in days

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143079
Report Date: 08/17/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2143079-09D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-09E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-09X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-10A	Vial MeOH preserved	A	NA		4.2	Y	Absent		8260HLW-NH(14)
L2143079-10B	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-10C	Vial water preserved	A	NA		4.2	Y	Absent	12-AUG-21 01:16	8260HLW-NH(14)
L2143079-10D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2143079-10E	Vial Large Septa unpreserved (4oz)	A	NA		4.2	Y	Absent		TPH-GRO(14)
L2143079-10X	Vial MeOH preserved split	A	NA		4.2	Y	Absent		TPH-GRO(14)

*Values in parentheses indicate holding time in days

Project Name:	SEABROOK	**Lab Number:**	L2143079
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143079
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143079
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143079
Project Number:	20-00186-NH0021	**Report Date:**	08/17/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

Synergy

PAGE 1 OF 1

Date Rec'd in Lab: 8/11/21

ALPHA Job #: L2143079

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Synergy Environmental
Address: 155 Railroad Plaza
Royersford PA 19468
Phone: 484 369 5000
Fax:
Email: Choran@Synergyenvinc.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Seabrook
Project Location: NH
Project #: 20-00186-NH0021
Project Manager: Chris Horan
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Full VOC List	ANALYSIS: TPH-GRO	Sample Specific Comments	TOTAL # BOTTLES
43079-01	D-1	8/11/21	1030	Soil	CJW	X	X		
02	D-2		1105			X	X		
03	D-3		1135			X	X		
04	L-1		1040			X	X		
05	L-2		1050			X	X		
06	L-3		1100			X	X		
07	L-4		1115			X	X		
08	L-5		1145			X	X		
09	L-6		1250			X	X		
10	L-7		1305			X	X		

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
Rob Maerz	8/11/21 1515	Rob Maerz	8/11/21 1515
Rob Maerz	8/11/21 1835		8/11/21 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L2143357
Client:	Synergy Environmental 155 Railroad Plaza Royersford, PA 19468
ATTN:	Chris Horan
Phone:	(484) 369-5000
Project Name:	SEABROOK
Project Number:	20-00186-NH0021
Report Date:	08/20/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2143357-01	LIFT-1	SOIL	NH	08/12/21 10:00	08/12/21
L2143357-02	LIFT-2	SOIL	NH	08/12/21 10:35	08/12/21

Project Name:	SEABROOK	**Lab Number:**	L2143357
Project Number:	20-00186-NH0021	**Report Date:**	08/20/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 08/20/21

ORGANICS

VOLATILES

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01
Client ID: LIFT-1
Sample Location: NH

Date Collected: 08/12/21 10:00
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/13/21 15:09
Analyst: TMS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	--	1
1,1-Dichloroethane	ND		ug/kg	1.0	--	1
Chloroform	ND		ug/kg	1.5	--	1
Carbon tetrachloride	ND		ug/kg	1.0	--	1
1,2-Dichloropropane	ND		ug/kg	1.0	--	1
Dibromochloromethane	ND		ug/kg	1.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	--	1
Tetrachloroethene	12		ug/kg	0.51	--	1
Chlorobenzene	ND		ug/kg	0.51	--	1
Trichlorofluoromethane	ND		ug/kg	4.1	--	1
1,2-Dichloroethane	ND		ug/kg	1.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	--	1
Bromodichloromethane	ND		ug/kg	0.51	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	--	1
1,1-Dichloropropene	ND		ug/kg	0.51	--	1
Bromoform	ND		ug/kg	4.1	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	--	1
Benzene	ND		ug/kg	0.51	--	1
Toluene	ND		ug/kg	1.0	--	1
Ethylbenzene	ND		ug/kg	1.0	--	1
Chloromethane	ND		ug/kg	4.1	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	1.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--	1

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01 Date Collected: 08/12/21 10:00

Client ID: LIFT-1 Date Received: 08/12/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1
p/m-Xylene	ND		ug/kg	2.0	--	1
o-Xylene	ND		ug/kg	1.0	--	1
Xylenes, Total	ND		ug/kg	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--	1
Dibromomethane	ND		ug/kg	2.0	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	1.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	25	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	2.0	--	1
Tetrahydrofuran	ND		ug/kg	4.1	--	1
2,2-Dichloropropane	ND		ug/kg	2.0	--	1
1,2-Dibromoethane	ND		ug/kg	1.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	--	1
Bromobenzene	ND		ug/kg	2.0	--	1
n-Butylbenzene	ND		ug/kg	1.0	--	1
sec-Butylbenzene	ND		ug/kg	1.0	--	1
tert-Butylbenzene	ND		ug/kg	2.0	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--	1
o-Chlorotoluene	ND		ug/kg	2.0	--	1
p-Chlorotoluene	ND		ug/kg	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--	1
Hexachlorobutadiene	ND		ug/kg	4.1	--	1
Isopropylbenzene	ND		ug/kg	1.0	--	1
p-Isopropyltoluene	ND		ug/kg	1.0	--	1
Naphthalene	ND		ug/kg	4.1	--	1
n-Propylbenzene	ND		ug/kg	1.0	--	1

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01 Date Collected: 08/12/21 10:00

Client ID: LIFT-1 Date Received: 08/12/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--	1
Ethyl ether	ND		ug/kg	2.0	--	1
Isopropyl Ether	ND		ug/kg	2.0	--	1
Tert-Butyl Alcohol	ND		ug/kg	20	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--	1
1,4-Dioxane	ND		ug/kg	81	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	101		70-130

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02
Client ID: LIFT-2
Sample Location: NH
Date Collected: 08/12/21 10:35
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 08/13/21 15:34
Analyst: TMS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	--	1
1,1-Dichloroethane	ND		ug/kg	0.98	--	1
Chloroform	ND		ug/kg	1.5	--	1
Carbon tetrachloride	ND		ug/kg	0.98	--	1
1,2-Dichloropropane	ND		ug/kg	0.98	--	1
Dibromochloromethane	ND		ug/kg	0.98	--	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	--	1
Tetrachloroethene	18		ug/kg	0.49	--	1
Chlorobenzene	ND		ug/kg	0.49	--	1
Trichlorofluoromethane	ND		ug/kg	3.9	--	1
1,2-Dichloroethane	ND		ug/kg	0.98	--	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	--	1
Bromodichloromethane	ND		ug/kg	0.49	--	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	--	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	--	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	--	1
1,1-Dichloropropene	ND		ug/kg	0.49	--	1
Bromoform	ND		ug/kg	3.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	--	1
Benzene	ND		ug/kg	0.49	--	1
Toluene	ND		ug/kg	0.98	--	1
Ethylbenzene	ND		ug/kg	0.98	--	1
Chloromethane	ND		ug/kg	3.9	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	0.98	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	0.98	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--	1

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02 Date Collected: 08/12/21 10:35

Client ID: LIFT-2 Date Received: 08/12/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	--	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1
p/m-Xylene	ND		ug/kg	2.0	--	1
o-Xylene	0.98		ug/kg	0.98	--	1
Xylenes, Total	0.98		ug/kg	0.98	--	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	--	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	--	1
Dibromomethane	ND		ug/kg	2.0	--	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	0.98	--	1
Dichlorodifluoromethane	ND		ug/kg	9.8	--	1
Acetone	37		ug/kg	24	--	1
Carbon disulfide	ND		ug/kg	9.8	--	1
2-Butanone	ND		ug/kg	9.8	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	--	1
2-Hexanone	ND		ug/kg	9.8	--	1
Bromochloromethane	ND		ug/kg	2.0	--	1
Tetrahydrofuran	ND		ug/kg	3.9	--	1
2,2-Dichloropropane	ND		ug/kg	2.0	--	1
1,2-Dibromoethane	ND		ug/kg	0.98	--	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	--	1
Bromobenzene	ND		ug/kg	2.0	--	1
n-Butylbenzene	ND		ug/kg	0.98	--	1
sec-Butylbenzene	ND		ug/kg	0.98	--	1
tert-Butylbenzene	ND		ug/kg	2.0	--	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--	1
o-Chlorotoluene	ND		ug/kg	2.0	--	1
p-Chlorotoluene	ND		ug/kg	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	--	1
Hexachlorobutadiene	ND		ug/kg	3.9	--	1
Isopropylbenzene	ND		ug/kg	0.98	--	1
p-Isopropyltoluene	ND		ug/kg	0.98	--	1
Naphthalene	ND		ug/kg	3.9	--	1
n-Propylbenzene	ND		ug/kg	0.98	--	1

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02 Date Collected: 08/12/21 10:35

Client ID: LIFT-2 Date Received: 08/12/21

Sample Location: NH Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--	1
Ethyl ether	ND		ug/kg	2.0	--	1
Isopropyl Ether	ND		ug/kg	2.0	--	1
Tert-Butyl Alcohol	ND		ug/kg	20	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--	1
1,4-Dioxane	ND		ug/kg	78	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	100		70-130

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 11:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1534953-5					
Methylene chloride	ND		ug/kg	5.0	--
1,1-Dichloroethane	ND		ug/kg	1.0	--
Chloroform	ND		ug/kg	1.5	--
Carbon tetrachloride	ND		ug/kg	1.0	--
1,2-Dichloropropane	ND		ug/kg	1.0	--
Dibromochloromethane	ND		ug/kg	1.0	--
1,1,2-Trichloroethane	ND		ug/kg	1.0	--
Tetrachloroethene	ND		ug/kg	0.50	--
Chlorobenzene	ND		ug/kg	0.50	--
Trichlorofluoromethane	ND		ug/kg	4.0	--
1,2-Dichloroethane	ND		ug/kg	1.0	--
1,1,1-Trichloroethane	ND		ug/kg	0.50	--
Bromodichloromethane	ND		ug/kg	0.50	--
trans-1,3-Dichloropropene	ND		ug/kg	1.0	--
cis-1,3-Dichloropropene	ND		ug/kg	0.50	--
1,3-Dichloropropene, Total	ND		ug/kg	0.50	--
1,1-Dichloropropene	ND		ug/kg	0.50	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	--
Benzene	ND		ug/kg	0.50	--
Toluene	ND		ug/kg	1.0	--
Ethylbenzene	ND		ug/kg	1.0	--
Chloromethane	ND		ug/kg	4.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	1.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	1.0	--
trans-1,2-Dichloroethene	ND		ug/kg	1.5	--
Trichloroethene	ND		ug/kg	0.50	--

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 11:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1534953-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	--
1,3-Dichlorobenzene	ND		ug/kg	2.0	--
1,4-Dichlorobenzene	ND		ug/kg	2.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	2.0	--
o-Xylene	ND		ug/kg	1.0	--
Xylenes, Total	ND		ug/kg	1.0	--
cis-1,2-Dichloroethene	ND		ug/kg	1.0	--
1,2-Dichloroethene, Total	ND		ug/kg	1.0	--
Dibromomethane	ND		ug/kg	2.0	--
1,2,3-Trichloropropane	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	1.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	25	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	2.0	--
Tetrahydrofuran	ND		ug/kg	4.0	--
2,2-Dichloropropane	ND		ug/kg	2.0	--
1,2-Dibromoethane	ND		ug/kg	1.0	--
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	--
Bromobenzene	ND		ug/kg	2.0	--
n-Butylbenzene	ND		ug/kg	1.0	--
sec-Butylbenzene	ND		ug/kg	1.0	--
tert-Butylbenzene	ND		ug/kg	2.0	--
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	--
o-Chlorotoluene	ND		ug/kg	2.0	--

Project Name: SEABROOK **Lab Number:** L2143357

Project Number: 20-00186-NH0021 **Report Date:** 08/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/13/21 11:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1534953-5					
p-Chlorotoluene	ND		ug/kg	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	--
Hexachlorobutadiene	ND		ug/kg	4.0	--
Isopropylbenzene	ND		ug/kg	1.0	--
p-Isopropyltoluene	ND		ug/kg	1.0	--
Naphthalene	ND		ug/kg	4.0	--
n-Propylbenzene	ND		ug/kg	1.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	--
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	--
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	--
Ethyl ether	ND		ug/kg	2.0	--
Isopropyl Ether	ND		ug/kg	2.0	--
Tert-Butyl Alcohol	ND		ug/kg	20	--
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	--
1,4-Dioxane	ND		ug/kg	80	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1534953-3 WG1534953-4								
Methylene chloride	89		88		70-130	1		30
1,1-Dichloroethane	96		95		70-130	1		30
Chloroform	87		86		70-130	1		30
Carbon tetrachloride	87		86		70-130	1		30
1,2-Dichloropropane	98		97		70-130	1		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	94		92		70-130	2		30
Tetrachloroethene	88		87		70-130	1		30
Chlorobenzene	89		89		70-130	0		30
Trichlorofluoromethane	**64**	Q	**63**	Q	70-139	2		30
1,2-Dichloroethane	99		98		70-130	1		30
1,1,1-Trichloroethane	93		91		70-130	2		30
Bromodichloromethane	97		96		70-130	1		30
trans-1,3-Dichloropropene	104		101		70-130	3		30
cis-1,3-Dichloropropene	109		106		70-130	3		30
1,1-Dichloropropene	96		94		70-130	2		30
Bromoform	92		92		70-130	0		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	95		94		70-130	1		30
Toluene	86		85		70-130	1		30
Ethylbenzene	93		92		70-130	1		30
Chloromethane	85		82		52-130	4		30
Bromomethane	59		57		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1534953-3 WG1534953-4								
Vinyl chloride	69		68		67-130	1		30
Chloroethane	68		66		50-151	3		30
1,1-Dichloroethene	90		88		65-135	2		30
trans-1,2-Dichloroethene	93		91		70-130	2		30
Trichloroethene	94		93		70-130	1		30
1,2-Dichlorobenzene	92		91		70-130	1		30
1,3-Dichlorobenzene	91		90		70-130	1		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	108		106		66-130	2		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	85		84		70-130	1		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Dibromomethane	94		93		70-130	1		30
1,2,3-Trichloropropane	98		97		68-130	1		30
Styrene	86		84		70-130	2		30
Dichlorodifluoromethane	56		55		30-146	2		30
Acetone	108		112		54-140	4		30
Carbon disulfide	82		81		59-130	1		30
2-Butanone	116		113		70-130	3		30
4-Methyl-2-pentanone	111		106		70-130	5		30
2-Hexanone	122		118		70-130	3		30
Bromochloromethane	91		90		70-130	1		30
Tetrahydrofuran	117		110		66-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1534953-3 WG1534953-4								
2,2-Dichloropropane	100		98		70-130	2		30
1,2-Dibromoethane	99		98		70-130	1		30
1,1,1,2-Tetrachloroethane	92		91		70-130	1		30
Bromobenzene	88		89		70-130	1		30
n-Butylbenzene	96		96		70-130	0		30
sec-Butylbenzene	92		92		70-130	0		30
tert-Butylbenzene	94		93		70-130	1		30
1,3,5-Trichlorobenzene	95		94		70-139	1		30
o-Chlorotoluene	107		107		70-130	0		30
p-Chlorotoluene	98		97		70-130	1		30
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30
Hexachlorobutadiene	84		85		67-130	1		30
Isopropylbenzene	94		94		70-130	0		30
p-Isopropyltoluene	96		97		70-130	1		30
Naphthalene	100		99		70-130	1		30
n-Propylbenzene	93		93		70-130	0		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30
1,2,4-Trichlorobenzene	99		98		70-130	1		30
1,3,5-Trimethylbenzene	95		95		70-130	0		30
1,2,4-Trimethylbenzene	98		98		70-130	0		30
Ethyl ether	98		96		67-130	2		30
Isopropyl Ether	111		109		66-130	2		30
Tert-Butyl Alcohol	125		120		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1534953-3 WG1534953-4								
Ethyl-Tert-Butyl-Ether	112		110		70-130	2		30
Tertiary-Amyl Methyl Ether	111		109		70-130	2		30
1,4-Dioxane	106		103		65-136	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	110		109		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01
Client ID: LIFT-1
Sample Location: NH

Date Collected: 08/12/21 10:00
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/21 14:30
Analyst: RP
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/19/21 14:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.1	--	1
2-Chloronaphthalene	ND		ug/kg	7.1	--	1
Fluoranthene	68		ug/kg	7.1	--	1
Naphthalene	ND		ug/kg	7.1	--	1
Benzo(a)anthracene	34		ug/kg	7.1	--	1
Benzo(a)pyrene	42		ug/kg	7.1	--	1
Benzo(b)fluoranthene	61		ug/kg	7.1	--	1
Benzo(k)fluoranthene	19		ug/kg	7.1	--	1
Chrysene	42		ug/kg	7.1	--	1
Acenaphthylene	34		ug/kg	7.1	--	1
Anthracene	14		ug/kg	7.1	--	1
Benzo(ghi)perylene	45		ug/kg	7.1	--	1
Fluorene	ND		ug/kg	7.1	--	1
Phenanthrene	31		ug/kg	7.1	--	1
Dibenzo(a,h)anthracene	8.6		ug/kg	7.1	--	1
Indeno(1,2,3-cd)pyrene	46		ug/kg	7.1	--	1
Pyrene	68		ug/kg	7.1	--	1
1-Methylnaphthalene	ND		ug/kg	7.1	--	1
2-Methylnaphthalene	ND		ug/kg	7.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	92		18-120

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02
Client ID: LIFT-2
Sample Location: NH

Date Collected: 08/12/21 10:35
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/21 14:46
Analyst: RP
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/19/21 14:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PAHs by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	7.1	--	1
2-Chloronaphthalene	ND		ug/kg	7.1	--	1
Fluoranthene	300		ug/kg	7.1	--	1
Naphthalene	7.7		ug/kg	7.1	--	1
Benzo(a)anthracene	110		ug/kg	7.1	--	1
Benzo(a)pyrene	120		ug/kg	7.1	--	1
Benzo(b)fluoranthene	170		ug/kg	7.1	--	1
Benzo(k)fluoranthene	59		ug/kg	7.1	--	1
Chrysene	150		ug/kg	7.1	--	1
Acenaphthylene	84		ug/kg	7.1	--	1
Anthracene	33		ug/kg	7.1	--	1
Benzo(ghi)perylene	86		ug/kg	7.1	--	1
Fluorene	13		ug/kg	7.1	--	1
Phenanthrene	220		ug/kg	7.1	--	1
Dibenzo(a,h)anthracene	22		ug/kg	7.1	--	1
Indeno(1,2,3-cd)pyrene	100		ug/kg	7.1	--	1
Pyrene	280		ug/kg	7.1	--	1
1-Methylnaphthalene	ND		ug/kg	7.1	--	1
2-Methylnaphthalene	ND		ug/kg	7.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**121**	Q	23-120
2-Fluorobiphenyl	102		30-120
4-Terphenyl-d14	105		18-120

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 08/20/21 13:40
Analyst: RP

Extraction Method: EPA 3546
Extraction Date: 08/19/21 14:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1537016-1					
Acenaphthene	ND		ug/kg	6.5	--
2-Chloronaphthalene	ND		ug/kg	6.5	--
Fluoranthene	ND		ug/kg	6.5	--
Naphthalene	ND		ug/kg	6.5	--
Benzo(a)anthracene	ND		ug/kg	6.5	--
Benzo(a)pyrene	ND		ug/kg	6.5	--
Benzo(b)fluoranthene	ND		ug/kg	6.5	--
Benzo(k)fluoranthene	ND		ug/kg	6.5	--
Chrysene	ND		ug/kg	6.5	--
Acenaphthylene	ND		ug/kg	6.5	--
Anthracene	ND		ug/kg	6.5	--
Benzo(ghi)perylene	ND		ug/kg	6.5	--
Fluorene	ND		ug/kg	6.5	--
Phenanthrene	ND		ug/kg	6.5	--
Dibenzo(a,h)anthracene	ND		ug/kg	6.5	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	6.5	--
Pyrene	ND		ug/kg	6.5	--
1-Methylnaphthalene	ND		ug/kg	6.5	--
2-Methylnaphthalene	ND		ug/kg	6.5	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	109		30-120
4-Terphenyl-d14	**122**	Q	18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1537016-2 WG1537016-3								
Acenaphthene	95		86		40-140	10		50
2-Chloronaphthalene	91		84		40-140	8		50
Fluoranthene	101		95		40-140	6		50
Naphthalene	89		81		40-140	9		50
Benzo(a)anthracene	98		89		40-140	10		50
Benzo(a)pyrene	111		102		40-140	8		50
Benzo(b)fluoranthene	114		99		40-140	14		50
Benzo(k)fluoranthene	109		107		40-140	2		50
Chrysene	102		93		40-140	9		50
Acenaphthylene	94		87		40-140	8		50
Anthracene	102		93		40-140	9		50
Benzo(ghi)perylene	107		91		40-140	16		50
Fluorene	97		90		40-140	7		50
Phenanthrene	99		92		40-140	7		50
Dibenzo(a,h)anthracene	108		94		40-140	14		50
Indeno(1,2,3-cd)pyrene	107		93		40-140	14		50
Pyrene	100		94		35-142	6		50
1-Methylnaphthalene	86		80		40-140	7		50
2-Methylnaphthalene	88		81		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1537016-2 WG1537016-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	96		90		23-120
2-Fluorobiphenyl	84		78		30-120
4-Terphenyl-d14	92		87		18-120

PETROLEUM HYDROCARBONS

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01
Client ID: LIFT-1
Sample Location: NH

Date Collected: 08/12/21 10:00
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/17/21 08:05
Analyst: JB
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/16/21 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	76000		ug/kg	35000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02
Client ID: LIFT-2
Sample Location: NH

Date Collected: 08/12/21 10:35
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 08/17/21 09:15
Analyst: JB
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 08/16/21 13:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	440000		ug/kg	34000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Project Name: SEABROOK
Project Number: 20-00186-NH0021
Lab Number: L2143357
Report Date: 08/20/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 08/17/21 07:29
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 08/16/21 13:39

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01-02 Batch: WG1535561-1					
DRO (C10-C28)	ND		ug/kg	33000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	77		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab	Associated sample(s): 01-02		Batch: WG1535561-2					
DRO (C10-C28)	91		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	78				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1535561-3 QC Sample: L2143357-01 Client ID: LIFT-1						
DRO (C10-C28)	76000	82000	ug/kg	8		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		76		40-140

INORGANICS
&
MISCELLANEOUS

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-01
Client ID: LIFT-1
Sample Location: NH

Date Collected: 08/12/21 10:00
Date Received: 08/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	08/13/21 07:32	121,2540G	RI

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

SAMPLE RESULTS

Lab ID: L2143357-02
Client ID: LIFT-2
Sample Location: NH

Sample Depth:
Matrix: Soil

Date Collected: 08/12/21 10:35
Date Received: 08/12/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	08/13/21 07:32	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: SEABROOK

Project Number: 20-00186-NH0021

Lab Number: L2143357

Report Date: 08/20/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1534639-1 QC Sample: L2143496-01 Client ID: DUP Sample						
Solids, Total	63.4	52.0	%	20		20

Project Name: SEABROOK
Project Number: 20-00186-NH0021

Lab Number: L2143357
Report Date: 08/20/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2143357-01A	Vial MeOH preserved	A	NA		2.4	Y	Absent		8260HLW-NH(14)
L2143357-01B	Vial water preserved	A	NA		2.4	Y	Absent	12-AUG-21 22:14	8260HLW-NH(14)
L2143357-01C	Vial water preserved	A	NA		2.4	Y	Absent	12-AUG-21 22:14	8260HLW-NH(14)
L2143357-01D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2143357-01E	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		PAHTCL-SIM(14),TPH-DRO(14)
L2143357-01F	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		PAHTCL-SIM(14),TPH-DRO(14)
L2143357-02A	Vial MeOH preserved	A	NA		2.4	Y	Absent		8260HLW-NH(14)
L2143357-02B	Vial water preserved	A	NA		2.4	Y	Absent	12-AUG-21 22:14	8260HLW-NH(14)
L2143357-02C	Vial water preserved	A	NA		2.4	Y	Absent	12-AUG-21 22:14	8260HLW-NH(14)
L2143357-02D	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2143357-02E	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		PAHTCL-SIM(14),TPH-DRO(14)
L2143357-02F	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		PAHTCL-SIM(14),TPH-DRO(14)

*Values in parentheses indicate holding time in days

Project Name:	SEABROOK	**Lab Number:**	L2143357
Project Number:	20-00186-NH0021	**Report Date:**	08/20/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143357
Project Number:	20-00186-NH0021	**Report Date:**	08/20/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143357
Project Number:	20-00186-NH0021	**Report Date:**	08/20/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	SEABROOK	**Lab Number:**	L2143357
Project Number:	20-00186-NH0021	**Report Date:**	08/20/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/12/21

ALPHA Job #: L2143357

Client Information

Client: Synergy Environmental
Address: 155 Railroad Plaza
Royersford PA 19468
Phone: 484 369 5000
Fax:
Email: Choran@Synergyenv.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Seabrook
Project Location: NH
Project #: 20-00186-NH0021
Project Manager: Chris Horan
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Full VOC List	ANALYSIS: PAH + TPH-DRO	Sample Specific Comments	TOTAL # BOTTLES
43357-01	Lift-1	8/12/21	1000	Soil	CJW	X	X		
02	Lift-2	↓	1035	↓	↓	X	X		

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type																
Preservative																

Relinquished By:	Date/Time	Received By:	Date/Time
			8/9/21 900
	8/12/21	Benjamin Swick AAL	8/12 14:39
Benjamin Swick AAL	8/12 17:13		8/12/21 1705

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

Attachment 5

Selected Photographs


DEERE


JRB
ACS


DEERE


24/7 EMERGENCY CARE
PATIENT ENTRANCE
AMBULANCE ONLY
603 LAFAYETTE ROAD
Portsmouth Regional Hospital
Seabrook
EMERGENCY ROOM
A CAMPUS OF PORTSMOUTH REGIONAL HOSPITAL
ER
MINUTES
AVG. WAIT TIME
BJ's Wholesale Club
CBD
MES


Crystal
CYLINDERS FILLED
BOB'S
DISCOUNT
FURNITURE


RANKS DUMPSTER RENTAL
FDR
334-9818
JRB
CS


United Rentals
DEERE
FDR


STOP


STOP
PATIENT ENTRANCE
AMBULANCE
AMBULANCE ONLY
59363BLA


Portsmouth Regional Hospital
Seabrook
EMERGENCY ROOM
We're Open & Safe
Thanks to Our Healthcare Heroes
603 LAFAYETTE ROAD
Seabrook
EMERGENCY ROOM
ER MINUTES AVG WAIT TIME
BJ's Wholesale Club
DEERE
DEERE
FDR
334-981