



**NHDES Waste Management Division
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UNDERGROUND STORAGE TANK CLOSURE REPORT

**Epsom Circle Market
1921 Dover Road
Epsom, New Hampshire**

**NHDES Site # 199104001
UST Facility ID # 0111376**

Prepared For:
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July 8, 2022

Wilcox & Barton Project #DIRT0013



CIVIL • ENVIRONMENTAL • GEOTECHNICAL

UNDERGROUND STORAGE TANK CLOSURE REPORT

**EPSOM CIRCLE MARKET
1921 DOVER ROAD
EPSOM, NEW HAMPSHIRE**

**NHDES SITE #199104001
FACILITY ID #0111376**

Prepared for:

Mahant 1921, LLC
1921 Dover Road
Epsom, New Hampshire 03234
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Wilcox & Barton, Inc. Project #DIRT0013

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CERTIFICATION

The following personnel have prepared and/or reviewed this report for accuracy, content, and quality of presentation.

Document: Underground Storage Tank Closure Report
Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001, Facility #0111376

Date/Version: July 8, 2022



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1.0 INTRODUCTION

Wilcox & Barton, Inc. performed a closure assessment during removal of one 10,000-gallon regular gasoline underground storage tank (UST) and one 6,000-gallon premium gasoline UST at the Epsom Circle Market property at 1921 Dover Road in Epsom, New Hampshire (the site). Closure activities were completed in general accordance with the June 2014 New Hampshire Department of Environmental Services (NHDES) guidance entitled *Requirements for Underground and Aboveground Storage Tank System and System Component Closure Sampling and Reporting* and New Hampshire Code of Administrative Rules Env-Or 400, *Underground Storage Tank Facilities*.

2.0 SITE DESCRIPTION

The site is situated on a 1.5-acre parcel in a commercial and residential area and identified by the Town of Epsom Assessor's Department as Tax Map U5, Lot 29. The property is utilized as a filling station, market, and ballet studio. The USTs were located south of the dispenser canopy near the northern property line. The lot is bound to the east by a commercial plaza (Subway, McBride's Water), to the south by Epsom HealthCare Center, to the west by Capital Car Audio, and to the north by Dover Road, beyond which is a Dunkin' fast-food restaurant. Topography at the site is generally sloped toward the southeast. The Suncook River is located approximately 750 feet to the east.

According to NHDES records, the Epsom Circle Market property is listed as NHDES Site #199104001 and registered as UST Facility #0111376. The following USTs were previously removed from the property:

- Tank 1: 10,000-gallon gasoline UST (installed 1977, removed 1994);
- Tank 2: 6,000-gallon gasoline UST (installed 1984, removed 1994);
- Tank 3: 4,000-gallon gasoline UST (installed 1986, removed 1994);
- Tank 4: 1,000-gallon #2 heating oil UST (installed 1986, removed 1994); and
- Tank 5: 1,000-gallon #2 heating oil UST (installed 1986, removed 1992).

The two subject USTs are one 10,000-gallon regular gasoline UST (Tank 6) and one 6,000-gallon premium gasoline UST (Tank 7).

The site is listed in the Leaking Underground Storage Tank (LUST) database under Project #2862. The LUST project was issued after benzene was identified in groundwater at concentrations above the NHDES Ambient Groundwater Quality Standard (AGQS) during a 1989 site assessment. The project was closed out in 1999 after several groundwater sampling events indicated contaminant concentrations below applicable AGQS. There are additionally two Initial Response Spill Site projects associated with the site (7914 and 32478), both of which have been closed out by NHDES.

The location of the site is presented on Figure 1 – *Site Location Map* and site details are depicted on Figure 2 – *UST Closure Plan*. Photographs documenting closure activities are provided in Appendix A.

3.0 CLOSURE OF UST

The subject USTs are identified as Tank 6 and Tank 7 within the NHDES database. The 10,000-gallon regular gasoline UST (Tank 6) and 6,000-gallon premium gasoline UST (Tank 7) were installed on November 16, 1994. Wilcox & Barton, Inc submitted the UST Closure Notification Form on March 24, 2022. A copy of the *UST Closure Notification* is provided in Appendix B.

Mr. Cameron Stoddard (ICC No. 9662925) of CJD Dirtworks, LLC (Dirtworks) of Deerfield, New Hampshire, provided *International Code Council (ICC) Certification* inspection during removal of the UST. Removal activities were observed by Wilcox & Barton, Inc. NHDES personnel were present during removal activities.

3.1 UST System Removal and Soil Excavation

On April 13, 2022, Dirtworks pumped out all remaining gasoline from both USTs into a temporary 500-gallon aboveground storage tank (AST). Dirtworks personnel removed the soil covering the tops of the tanks, which were encountered at approximately 3 feet below ground surface (ft bgs). The excavated soil was temporarily stockpiled to the south of the USTs.

Once removed, the USTs were observed to be in good condition with no visible evidence of pits, scars, holes, or other evidence of failure. Tank 6 measured approximately 7.5 feet in diameter by 27.5 feet in length. Tank 7 measured approximately 7.5 feet in diameter and 16.5 feet in length. The piping, dispenser sumps, corrugated plastic ducting, fiberglass vent lines, and vent riser were removed and appeared to be in good condition. Soil observed during excavation was light brown, medium- to coarse-grained sand.

During the closure assessment, no olfactory evidence of petroleum contamination was observed in soil around or under the USTs or piping. Excavation was guided by visual, olfactory, and field screening data. The extent of the excavation and headspace screening locations are presented on Figure 2.

Groundwater was encountered in the excavation at a depth of approximately 8 ft bgs. No sheen was observed on the water surface.

3.2 Field Screening

Wilcox & Barton, Inc. collected soil samples from along the sidewalls of the excavation and beneath the piping. Samples were screened with an PhoCheck Tiger photoionization detector (PID) in accordance with the Wilcox & Barton, Inc. Standard Operating Procedure (SOP) presented in Appendix C. The PID was calibrated with isobutylene for the measurement of organic vapors on a part-per-million by volume (ppmv) basis. PID readings generally ranged from 0.1 ppmv to 6.6 ppmv, as summarized in Table 1 – *Soil Headspace Screening Results*. One screening sample collected at spill bucket on the 10,000-gallon UST showed in an elevated PID reading of 345.6 ppmv (identified as HS-4); however, no other headspace readings exceeded 6.6 ppmv.

3.3 Soil Sampling and Analysis

On April 13, 2022, seven discrete soil sample (S-1 through S-7) were collected from the excavation following removal of the USTs. On April 15, 2022, six discrete soil samples (S-8 through S-13) were collected from beneath the piping runs and dispenser sumps. The samples were collected in accordance with the SOP presented in Appendix C and submitted under standard chain-of-custody to Con-Test (A Pace Analytical Laboratory) in East Longmeadow, Massachusetts.

Soil samples S-1, S-2, S-3, S-5, S-6, and S-7 were collected from the sidewalls of the UST excavations at the water table. Soil sample S-4 was collected from the top of Tank 6, next to the elevated headspace reading HS-4. Soil samples S-8, S-10, S-11, and S-13 were collected from beneath the piping runs. Soil samples S-9 and S-12 were collected from beneath the dispenser sumps. The soil samples were submitted for laboratory analysis of the NHDES Full List of Analytes for volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260 and total petroleum hydrocarbons as gasoline (TPH) by EPA Method 8015.

Acetone, a common laboratory contaminant, was detected at concentrations well below the applicable NHDES Soil Remediation Standards (SRS) in soil samples S-6, S-7, and S-9. Several VOCs were detected at estimated concentrations well below SRS in sample S-4. TPH as gasoline was not detected in any of the samples. Analytical results are summarized in Table 2 – *Soil Samples – Summary of Analytical Results*, and copies of the laboratory reports are provided in Appendix D.

3.4 Groundwater Sampling and Analysis

Groundwater sample GW-1 was collected from the open excavation within the former footprint of Tank 7 and sample GW-2 was collected from the area beneath Tank 6. Both samples were submitted for analysis of VOCs by EPA Method 8260.

Benzene was detected at concentrations above AGQS in both groundwater samples. Several other VOCs were detected at concentrations below AGQS in each sample. Analytical results are summarized in Table 3 – *Groundwater Samples – Summary of Analytical Results*. The laboratory report is presented in Appendix D.

3.5 Waste Disposal

Following removal of residual product and rinse water, the UST was taken to Harding Metals in Northwood, New Hampshire, for disposal. The temporary 500-gallon AST containing 330 gallons of tank cleaning residuals was transported by Strategic Environmental Services, Inc. to the US Ecology of Burlington, Inc. facility located in Williston, Vermont. Copies of the waste disposal documents are provided in Appendix E.

3.6 Site Restoration

The excavation was backfilled by Dirtworks using excavated soil and additional granular material brought to the site. Backfill was placed in lifts and compacted using the excavator bucket. The asphalt surface was not restored as part of this phase of work.

4.0 CONCLUSIONS AND RECOMMENDATIONS

On April 13 and 15, 2022, Dirtworks cleaned and removed two USTs and associated piping at the Epsom Circle Market facility at 1921 Dover Road in Epsom, New Hampshire. The tank and piping were observed to be in good condition with no obvious breaches of integrity. The excavations were backfilled after completion of the closure assessment.

During removal of the USTs and piping, no olfactory evidence of petroleum-impacted soil was observed; organic vapor readings ranged between 0.1 and 6.6 ppmv, with one elevated reading of 345.6 ppmv observed under the vent and spill bucket junction. Groundwater was encountered during the excavation at approximately 8 ft bgs.

Laboratory analyses of thirteen discrete soil samples from the limits of the UST, piping, and dispenser sump excavations revealed no constituents at concentrations exceeding SRS.

Laboratory analysis of two groundwater samples revealed benzene at concentrations above AGQS in both groundwater samples.

Wilcox & Barton, Inc. recommends additional investigation of the groundwater quality in the vicinity of the former USTs. Wilcox & Barton, Inc. also recommends maintenance of this closure record by the property owner for the operating life of the facility in accordance with the requirements of New Hampshire Code of Administrative Rules Env-Or 304.06.

TABLES

TABLE 1
Soil Headspace Screening Results
 Epsom Circle Market
 1921 Dover Road, Epsom, New Hampshire
 NHDES Site #199104001

Soil Headspace Screening Identification	Laboratory Analytical Soil Sample Identification	Soil Headspace Screening / Sampling Date	Depth (ft bgs)	PID Reading (ppmv)
HS-1	S-1	4/13/2022	8.0	2.7
HS-2	S-2	4/13/2022	8.0	0.4
HS-3	S-3	4/13/2022	8.0	0.3
HS-4		4/13/2022	3.0	345.6
HS-5		4/13/2022	3.0	5.4
HS-6	S-4	4/13/2022	4.0	6.6
HS-10	S-5	4/13/2022	8.0	3.5
HS-11	S-6	4/13/2022	8.0	1.5
HS-12	S-7	4/13/2022	8.0	1.4
HS-13		4/13/2022	4.0	1.4
HS-14		4/15/2022	2.5	0.1
HS-15	S-8	4/15/2022	2.5	1.1
HS-16		4/15/2022	2.5	1.6
HS-17		4/15/2022	2.5	1.2
HS-18		4/15/2022	2.5	1.5
HS-19	S-9	4/15/2022	3.5	1.7
HS-20		4/15/2022	2.5	1.1
HS-21	S-10	4/15/2022	2.5	1.2
HS-22		4/15/2022	2.5	1.2
HS-23	S-11	4/15/2022	2.5	1.3
HS-24		4/15/2022	2.5	1.4
HS-25		4/15/2022	2.5	1.5
HS-26	S-12	4/15/2022	3.5	1.6
HS-27		4/15/2022	3.75	6.1
HS-28		4/15/2022	3.75	3.5
HS-29		4/15/2022	3.5	2.6
HS-30		4/15/2022	3.25	1.9
HS-31		4/15/2022	3.0	1.9
HS-32		4/15/2022	3.0	1.9
HS-33		4/15/2022	2.75	1.7
HS-34		4/15/2022	2.5	1.8
HS-35		4/15/2022	2.25	1.7
HS-36		4/15/2022	2.25	1.8
HS-37	S-13	4/15/2022	2.0	1.7

ft bgs

Feet below ground surface.

PID

Photoionization detector, measuring organic vapors in parts per million by volume (ppmv).

TABLE 2
Soil Samples - Summary of Analytical Results
 Epsom Circle Market
 1921 Dover Road, Epsom, New Hampshire
 NHDES Site #199104001

Sample Identification Sample Date Depth (feet) / PID (ppmv)	NHDES Soil Remediation Standards (SRS) *	S-1 4/13/2022 8 / 2.7	S-2 4/13/2022 8 / 0.4	S-3 4/13/2022 8 / 0.3	S-4 4/13/2022 4 / 6.6	S-5 4/13/2022 8 / 3.5	S-6 4/13/2022 8 / 1.5	S-7 4/13/2022 8 / 1.4
Volatile Organic Compounds (VOCs) by EPA Method 8260								
Acetone	75	0.065 U	0.061 U	0.067 U	0.074 U	0.062 U	0.0064 J	0.0093 J
Benzene	0.3	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
2-Butanone (MEK)	51	0.026 U	0.024 U	0.027 U	0.029 U	0.025 U	0.027 U	0.025 U
n-Butylbenzene	110	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
sec-Butylbenzene	130	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
tert-Butylbenzene	100	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
Ethylbenzene	120	0.0013 U	0.0012 U	0.0013 U	0.0014 J	0.0012 U	0.0013 U	0.0012 U
Isopropylbenzene (Cumene)	330	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
Methyl tert-Butyl Ether (MTBE)	0.2	0.0026 U	0.0024 U	0.0027 U	0.00036 J	0.0025 U	0.0027 U	0.0025 U
Methyl Cyclohexane	NS	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
Naphthalene**	28	0.0026 U	0.0024 U	0.0027 U	0.0029 U	0.0025 U	0.0027 U	0.0025 U
n-Propylbenzene	85	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
Toluene	100	0.0013 U	0.0012 U	0.0013 U	0.0026	0.0012 U	0.0013 U	0.0012 U
1,2,4-Trimethylbenzene	130	0.0013 U	0.0012 U	0.0013 U	0.00063 J	0.0012 U	0.0013 U	0.0012 U
1,3,5-Trimethylbenzene	96	0.0013 U	0.0012 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0012 U
Total Xylenes	500	0.0039 U	0.0036 U	0.0040 U	0.0013 J	0.0037 U	0.0040 U	0.0037 U
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015								
TPH (as Gasoline)	10,000	0.72 U	0.69 UB	0.73 UB	0.85 UB	0.85 UB	0.84 UB	0.78 UB

All detected and selected other analytes listed; all others were not detected.

Results in milligrams per kilogram (mg/kg) unless otherwise noted.

PID Photoionization Detector. Results in parts per million by volume (ppmv).

U Not detected at or above the indicated laboratory reporting limit.

J Estimated concentration.

UB Constituent detected in method blank; sample result <5x blank (<10x for common laboratory contaminants); result changed to non-detection.

NS No standard established.

bold Detected concentration exceeds SRS.

bold italics Not detected; laboratory reporting limit exceeds SRS.

* Env-Or 606.19, Table 600-2, SRS, effective June 1, 2015.

** Standard per Risk Characterization and Management Policy Table B-2, revised September 2018.

TABLE 2
Soil Samples - Summary of Analytical Results
 Epsom Circle Market
 1921 Dover Road, Epsom, New Hampshire
 NHDES Site #199104001

Sample Identification Sample Date Depth (feet) / PID (ppmv)	NHDES Soil Remediation Standards (SRS) *	S-8 4/15/2022 2.5 / 1.1	S-9 4/15/2022 3.5 / 1.7	S-10 4/15/2022 2.5 / 1.2	S-11 4/15/2022 2.5 / 1.3	S-12 4/15/2022 3.5 / 1.6	S-13 4/15/2022 2 / 1.7
Volatile Organic Compounds (VOCs) by EPA Method 8260							
Acetone	75	0.066 U	0.0081 J	0.073 U	0.069 U	0.067 U	0.059 U
Benzene	0.3	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
2-Butanone (MEK)	51	0.026 U	0.034 U	0.029 U	0.028 U	0.027 U	0.023 U
n-Butylbenzene	110	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
sec-Butylbenzene	130	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
tert-Butylbenzene	100	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Ethylbenzene	120	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Isopropylbenzene (Cumene)	330	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Methyl tert-Butyl Ether (MTBE)	0.2	0.0026 U	0.0034 U	0.0029 U	0.0028 U	0.0027 U	0.0023 U
Methyl Cyclohexane	NS	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Naphthalene**	28	0.0026 U	0.0034 U	0.0029 U	0.0028 U	0.0027 U	0.0023 U
n-Propylbenzene	85	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Toluene	100	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
1,2,4-Trimethylbenzene	130	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
1,3,5-Trimethylbenzene	96	0.0013 U	0.0017 U	0.0015 U	0.0014 U	0.0013 U	0.0012 U
Total Xylenes	500	0.0039 U	0.0051 U	0.0044 U	0.0042 U	0.0040 U	0.0035 U
Total Petroleum Hydrocarbons (TPH) by EPA Method 8015							
TPH (as Gasoline)	10,000	0.73 UB	0.82 UB	0.76 UB	0.74 U	0.73 UB	0.74 UB

All detected and selected other analytes listed; all others were not detected.

Results in milligrams per kilogram (mg/kg) unless otherwise noted.

PID Photoionization Detector. Results in parts per million by volume (ppmv).

U Not detected at or above the indicated laboratory reporting limit.

J Estimated concentration.

UB Constituent detected in method blank; sample result <5x blank (<10x for common laboratory contaminants); result changed to non-detection.

NS No standard established.

bold Detected concentration exceeds SRS.

bold italics Not detected; laboratory reporting limit exceeds SRS.

* Env-Or 606.19, Table 600-2, SRS, effective June 1, 2015.

** Standard per Risk Characterization and Management Policy Table B-2, revised September 2018.

TABLE 3
Groundwater Samples - Summary of Analytical Results
 Epsom Circle Market
 1921 Dover Road, Epsom, New Hampshire
 NHDES Site #199104001

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	GW-1 4/13/22	GW-2 4/13/22
Volatile Organic Compounds (VOCs) by EPA Method 8260			
Acetone	6,000	5.1 J	4.4 J
Benzene	5	25	12
2-Butanone (MEK)	4,000	5.4 J	2.3 J
n-Butylbenzene	260	0.27 J	0.50 J
sec-Butylbenzene	260	1.0 U	1.0 U
tert-Butylbenzene	260	1.0 U	1.0 U
Ethylbenzene	700	20	5.8
Isopropylbenzene (Cumene)	800	0.67 J	0.39 J
Methyl tert-Butyl Ether (MTBE)	13	0.69 J	0.43 J
Methyl Cyclohexane	NS	0.55 J	0.49 J
Naphthalene	100	2.9	0.71 J
n-Propylbenzene	260	1.2	1.0
Toluene	1,000	190	45
1,2,4-Trimethylbenzene	330	16	6.6
1,3,5-Trimethylbenzene	330	3.6	2.2
Total Xylenes	10,000	104	28

Detected and selected other analytes listed; all others were not detected.

Results in micrograms per liter (µg/L) unless otherwise noted.

U Not detected at or above the listed laboratory reporting limit.

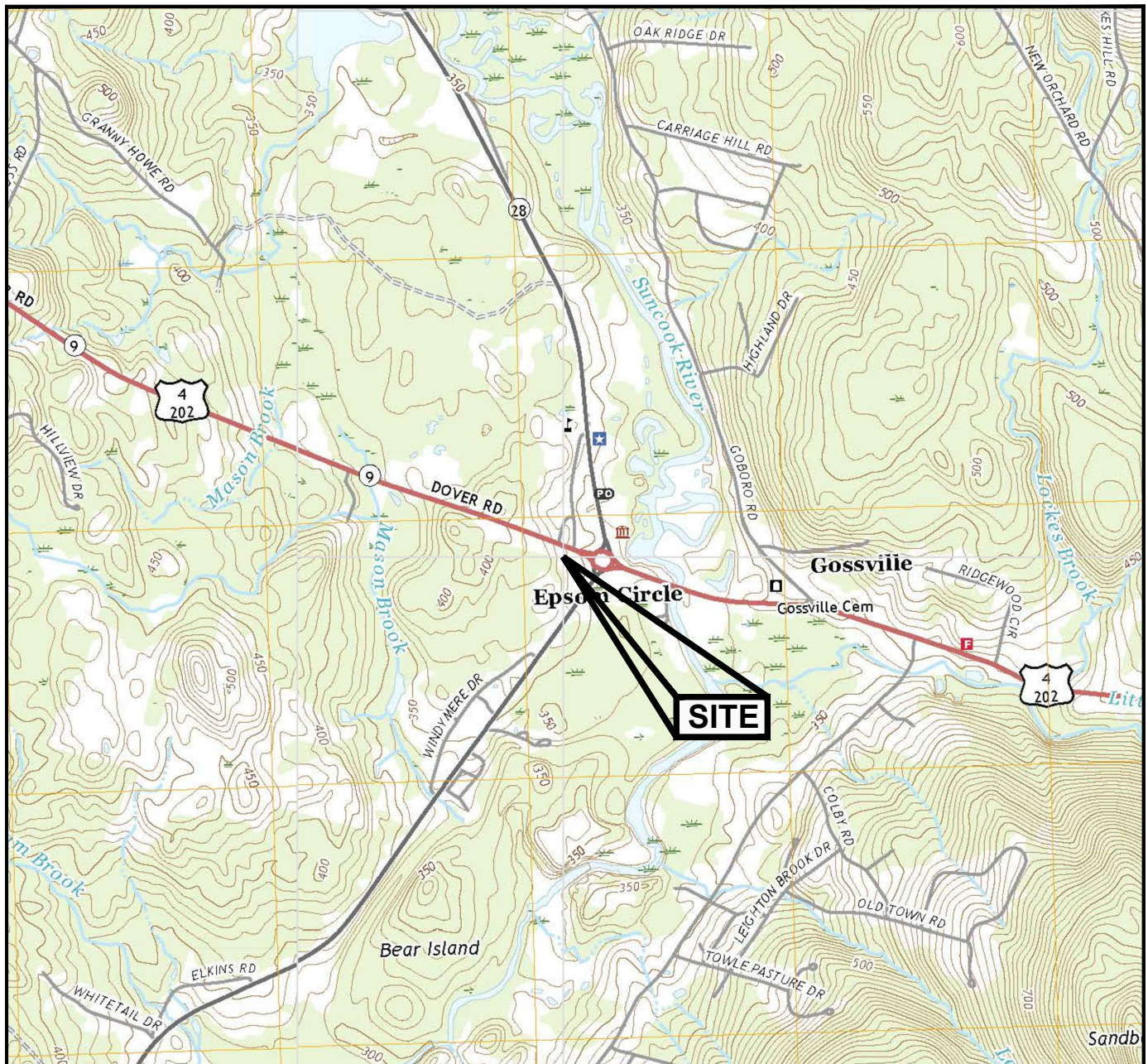
J Estimated concentration.

bold Detected concentration exceeds AGQS.

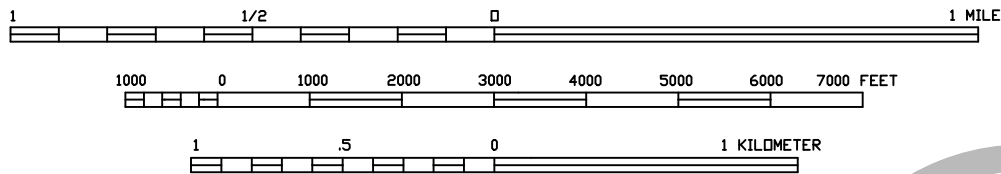
bold italics Not detected; laboratory reporting limit exceeds AGQS.

† Table 600-1 of Part Env-Or 603.03, AGQS, effective January 1, 2021.

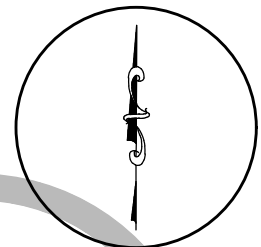
FIGURES



SCALE: 1:24,000



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

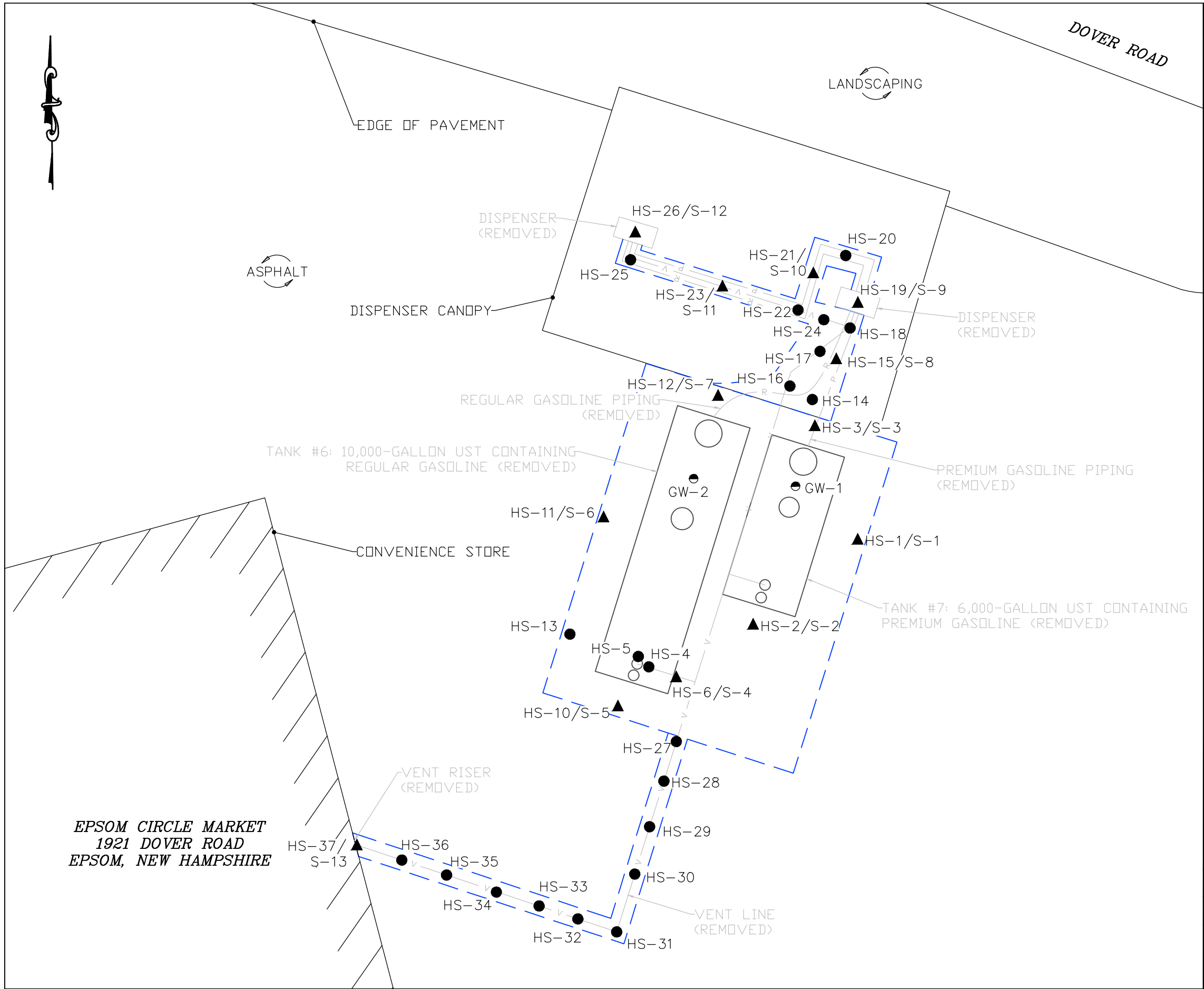


DATE May 4, 2022	SCALE As shown	FILE DIRT0013_Site Location Map
APPROVED BY RWB	DRAWN BY MSB	REVISED
CLIENT CJD Dirtworks, LLC	JOB NUMBER DIRT0013	
LOCATION 1921 Dover Road Epsom, New Hampshire NHDES Site #199104001 UST Facility #0111376	MAP SOURCE Gossville, NH and Suncook, NH USGS QUADS 2021	

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SITE LOCATION MAP

Figure 1

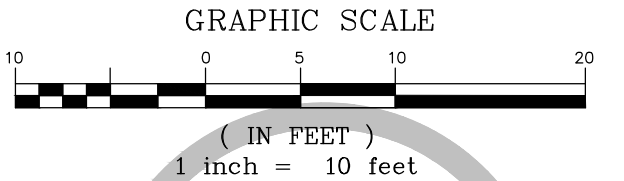


LEGEND

- APPROXIMATE EXTENT OF EXCAVATION
- UST UNDERGROUND STORAGE TANK
- HS-1 SOIL HEADSPACE (HS) SCREENING LOCATION
- ▲ HS-6/S-1 SOIL HS SCREENING LOCATION/ DISCRETE LABORATORY ANALYTICAL SOIL SAMPLE
- GW-1 LOCATION OF GROUNDWATER SAMPLE COLLECTED FOR LABORATORY ANALYSIS

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PLAN BASED ON WILCOX & BARTON, INC. SITE VISITS AND GOOGLE IMAGERY.
3. THIS PLAN IS NOT A PROFESSIONAL SURVEY AND IS NOT INTENDED FOR SURVEY PURPOSES.
4. SOIL HS SCREENING RESULTS PRESENTED IN TABLE 1.



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TITLE UST CLOSURE PLAN		
DATE May 4, 2022	SCALE GRAPHIC	FILE DIRT0013_Site Plan
APPROVED BY RWB	DRAWN BY MSB	REVISED
CLIENT CJD Dirtworks, LLC	JOB NUMBER DIRT0013	
LOCATION 1921 Dover Road Epsom, New Hampshire NHDES Site #199104001 UST Facility #0111376	DRAWING NUMBER FIGURE 2	

APPENDIX A

Photographs

Photographs
Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001



Photo 1: The 6,000-gallon premium gasoline underground storage tank (UST).



Photo 2: The UST area, facing south.



Photo 3: Groundwater infiltrating the grave of the 6,000-gallon premium gasoline UST.



Photo 4: The 6,000-gallon premium gasoline tank (Tank 7) after removal.

Photographs
Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001



Photo 5: Uncovering the 10,000-gallon regular gasoline UST after backfilling the grave of the former 6,000-gallon UST.



Photo 6: The 10,000-gallon regular gasoline tank (Tank 6) after removal.



Photo 7: Groundwater infiltrating the grave of the 10,000-gallon regular.



Photo 8: The backfilled UST excavation.

Photographs
Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001



Photo 9: The eastern dispenser, facing southwest towards the former USTs.



Photo 10: The piping run between dispensers.



Photo 11: Looking west along the dispenser area/



Photo 12: The vent piping, looking north towards the former USTs.

Photographs
Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001



Photo 13: The piping run towards the vent riser.



Photo 14: The 500-gallon temporary aboveground storage tank holding the contents of the former USTs.

APPENDIX B

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: Wilcox & Barton, Inc. - Russell Barton	Date: 3/24/22
Address: 2 Capital Plaza, Suite 305, Concord, NH 03301	Initial: RWB
Phone: (603) 369-4190	Email: rbarton@wilcoxandbarton.com

2. Facility Information	
NHDES Site # 199104001	Facility ID # 0111376
Name: Epsom Circle Market	
Address: 1921 Dover Road, Epsom, NH 03234	

3. Owner Information	
Name: Vipulkumar Patel	
Address: 11920 Dover Road, Epsom, NH 03234	
Phone: (603) 630-6005	Email:

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 #6	Tank # 7	Tank #	Tank #
Size: 10,000 gal	Size: 6,000	Size:	Size:
Product: Reg Gasoline	Product: Super Gasoline	Product:	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: CJD Dirtworks LLC ICC-U2 Certification #: 9662925 (Exp. 4/23)

6. Local Fire Dept. Notified: _____ Date Notified: 3/25/22

7. Scheduled Closure Date: 4/11/22 Mailed: _____

APPENDIX C

Wilcox & Barton, Inc. Standard Operating Procedures

STANDARD OPERATING PROCEDURE

Title:	PID / Jar-Headspace Screening Protocol for Organic Vapors in Soil	No:	FP-01
Approved:	R. Rooks	Original Date:	10/15/13
		Revised:	3/16/17

Purpose:

To screen environmental media in the field for organic vapors via analysis of headspace.

Introduction:

A photoionization detector (PID) is a portable field meter used to detect the presence of volatile organic compounds in air. The meter responds to compounds that have ionization potentials equal to or less than the energy of the ionization source (lamp). The meter does not differentiate between compounds, and the meter response varies for different compounds. The meter readings are provided in parts-per-million by volume (ppmv) and are quantitative but non-specific.

A PID may be used to assess contamination in environmental media via measurement of organic vapors that volatilize (evaporate) from the sample into the headspace of the container holding the sample. This screening procedure does not provide a true determination of compound concentration. However, the PID is useful for screening to determine the presence or absence and relative degree of contamination by volatile organic compounds. The PID is calibrated to an isobutylene standard (100 ppmv) and a response factor (RF) is applied during calibration to equate the meter response to the contaminant of interest. For petroleum sites, the RF for benzene is used. For non-petroleum sites, the RF for the primary contaminant of concern is used.

Equipment/Materials:

1. Thermo Environmental Instruments, Inc. Model 580B OVM/Datalogger, 10.2 electron-Volt (eV) or 11.8 eV lamp, or
2. Mini Rae 2000 equipped with a 10.6 eV lamp.
3. Other PID as approved by the Project Manager or Technical Lead
4. Isobutylene calibration gas and connecting tubing and valve
5. Glass jars (250 ml to 500 ml)
6. Aluminum foil
7. Polyethylene Whirl-Pak bags (18 oz)

Procedure:

The following procedure is used to screen media for the presence of organic vapors with a PID using the jar-headspace method:

1. The meter is calibrated to an isobutylene standard using the manufacturer's RF for the contaminant of concern prior to screening.
2. A clean glass jar is half filled with the sample to be screened. The top of the jar is covered with a sheet of aluminum foil and the cap is screwed on.
3. Alternatively, a Whirl-Pak™ bag (or equivalent) is half filled with the sample to be screened. The bag is closed and flipped over three times and the closure tabs are twisted together to ensure a tight seal.

4. Headspace gasses over the sample are allowed to equilibrate for approximately 10 minutes at ambient air temperature. If ambient temperature is below freezing, headspace development can be performed inside a heated vehicle or space.
5. The jar or bag is vigorously shaken for 15 seconds at the beginning and the end of the equilibration period.
6. Jars: The screw cap is carefully removed and the probe of the PID meter is inserted through the foil. Bags: The bag is punctured with the probe of the PID meter.
7. The maximum meter reading is recorded. Maximum response should occur between 2 and 5 seconds. Erratic meter response may occur at high organic vapor concentrations or conditions of elevated headspace moisture. Erratic meter response should be noted in the field logs.

Additional Considerations:

For soil screening at sites in Massachusetts, MassDEP Interim Remediation Waste Management Policy for Petroleum Contaminated Sites, #WSC-94-400, specifies the use of jars, but the MCP allows alternate procedures when technically justified (see 310 CMR 40.0017). It is the position of Wilcox & Barton, Inc. that the use of a polyethylene bag is an acceptable alternative to a glass jar. This position is supported by EPA (see EPA 510-B-97-0001 Chapter VI - Field Methods for the Analysis of Petroleum Hydrocarbons) and various other states. Field personnel must consult with both the Project Manager and the LSP before using the bag technique at any Massachusetts site. Further, the user should be aware that alternate techniques may affect data usability and that additional justification for use of a polyethylene bag may be requested by MassDEP. For identifying reportable conditions in Massachusetts, the jar technique must be used.

STANDARD OPERATING PROCEDURE

Title:	Grab and Composite Soil Sampling		No:	FP-02
Approved:	R. Rooks	Original Date:	3/30/2017	Revised:

Purpose:

To ensure data quality by collecting representative soil samples for laboratory analysis.

Equipment/Materials:

1. Sample containers, preserved and handled as required for the specific media and analyses
2. Analytical chain-of-custody form(s), sample label(s), and sample custody seal
3. Coolers or other containers for transporting samples
4. Packing materials and ice
5. Appropriate clothing/PPE as specified in the health and safety plan
6. Site plan
7. Field log book or field data form
8. Stainless steel or polyethylene scoop/trowel
9. Stainless steel or polyethylene mixing bowl (for composites)
10. Sample collection equipment (hand auger, split-spoon, shovel, etc.)

Procedure:

1. Before sampling, confer with the laboratory performing the analyses to make sure the required data quality objectives and reporting requirements will be met.
2. Obtain appropriate sample containers from the laboratory.
3. Wear dedicated nitrile gloves for each discrete sample collected. Change gloves between sample locations.

Grab Samples – Grab samples are samples collected from a discrete location. Soil samples may be collected using dedicated or reusable equipment. All reusable sample equipment must be decontaminated between sample locations in accordance with **SOP# FP-06**.

1. Using the appropriate soil collection method and equipment based on site conditions and the contaminants of concern, collect the appropriate volume of soil.
2. Carefully place the appropriate volume of soil into the appropriate sample container in accordance with the laboratory quality systems manual and/or laboratory method SOPs. Clean threads of sample container before placing lid back on sample container to ensure tight seal. Secure lid tightly and complete sample label with ID, date, time, required analysis, etc.
3. Record the location, depth, and characteristics of the grab soil sample in the log book. Soil characteristics should be classified in accordance with **W&B SOP# FP-14**.
4. Complete the chain-of-custody record in accordance with **W&B SOP# FP-04**, ensuring that holding time and temperature preservation requirements are maintained.

Composite Samples – Composite samples are grab samples collected from pre-determined locations that are mixed in a container until uniform and placed into containers for submittal to the laboratory. The number of subsamples used to create a composite will be determined during work planning and based upon the volume of soil to be represented and the data quality objectives of the project; values can range from a minimum of 8 for small stockpile characterization up to 50 subsamples when a multi-increment sampling approach is employed.

Due to potential contaminant volatilization during mixing, this method is appropriate **ONLY** for samples submitted for non-volatile analyses. Soil samples may be collected using dedicated or reusable equipment. All reusable sample equipment must be decontaminated between sample locations in accordance with **W&B SOP# FP-06**.

1. Using the appropriate soil collection method and equipment based on the contaminants of concern, collect an equal grab sample from each area to be composited. Place each grab sample into a mixing container that is appropriate based on the contaminants of concern.
2. Gently mix the sample using a cone-and-quartering method until thoroughly homogenized. Multiple iterations should be performed until homogeneity can be visualized by grain size, color, moisture content, and cohesiveness.
3. Carefully place the appropriate volume of homogenized soil into the appropriate sample container in accordance with the laboratory quality systems manual and/or laboratory method SOPs. Clean the threads of the sample container before placing lid back on sample container to ensure tight seal. Secure lid tightly and complete sample label with ID, date, time, required analysis, etc.
4. Record the number, locations, and depths of the composited grab samples in the log book. Include a sketch of the sample area and location of the grab samples that comprise the composite.
5. Complete the chain-of-custody record in accordance with **W&B SOP# FP-04**, ensuring and that holding time and temperature preservation requirements are maintained.

APPENDIX D

Laboratory Results

April 21, 2022

Russell Barton
Wilcox & Barton
1115 Route 100B, Suite 200
Moretown, VT 05660

Project Location: 1921 Dover Rd, Epsom, NH
Client Job Number:
Project Number: DIRT0013
Laboratory Work Order Number: 22D1006

Enclosed are results of analyses for samples as received by the laboratory on April 14, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Scott C. Basal
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332Wilcox & Barton
1115 Route 100B, Suite 200
Moretown, VT 05660
ATTN: Russell Barton

REPORT DATE: 4/21/2022

PURCHASE ORDER NUMBER:

PROJECT NUMBER: DIRT0013

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22D1006

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 1921 Dover Rd, Epsom, NH

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
GW-1	22D1006-01	Ground Water		SW-846 8260D	
GW-2	22D1006-02	Ground Water		SW-846 8260D	
S-1	22D1006-03	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-2	22D1006-04	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-3	22D1006-05	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-4	22D1006-06	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-5	22D1006-07	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-6	22D1006-08	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	
S-7	22D1006-09	Soil		SM 2540G	
				SW-846 8015C	
				SW-846 8260D	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260D

Qualifications:**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane**

B305914-BS1, B305914-BSD1

Bromomethane

B305864-BS1, B305864-BSD1, B305903-BS1, B305903-BSD1

Trichlorofluoromethane (Freon 11)

B305914-BS1, B305914-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:**Vinyl Chloride**

B305914-BSD1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**Chloromethane**

22D1006-01[GW-1], 22D1006-02[GW-2], B305864-BLK1, B305864-BS1, B305864-BSD1, B305903-BLK1, B305903-BS1, B305903-BSD1, S070460-CCV1, S070536-CCV1

tert-Butyl Alcohol (TBA)

22D1006-03[S-1], 22D1006-04[S-2], 22D1006-05[S-3], 22D1006-06[S-4], 22D1006-07[S-5], 22D1006-08[S-6], 22D1006-09[S-7], B305914-BLK1, B305914-BS1, B305914-BSD1, S070456-CCV1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:**Tetrachloroethylene**

B305903-BS1, B305903-BSD1, S070460-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,1,2-Trichloro-1,2,2-trifluoroethane**

B305914-BS1, B305914-BSD1, S070456-CCV1

1,1-Dichloroethylene

B305914-BS1, B305914-BSD1, S070456-CCV1

Bromomethane

B305864-BS1, B305864-BSD1, B305903-BS1, B305903-BSD1, S070460-CCV1, S070536-CCV1

Trichlorofluoromethane (Freon 11)

B305914-BS1, B305914-BSD1, S070456-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:**Bromomethane**

22D1006-01[GW-1], 22D1006-02[GW-2], 22D1006-03[S-1], 22D1006-04[S-2], 22D1006-05[S-3], 22D1006-06[S-4], 22D1006-07[S-5], 22D1006-08[S-6], 22D1006-09[S-7], B305864-BLK1, B305864-BS1, B305864-BSD1, B305903-BLK1, B305903-BS1, B305903-BSD1, B305914-BLK1, B305914-BS1, B305914-BSD1, S070456-CCV1, S070460-CCV1, S070536-CCV1

Chloromethane

22D1006-01[GW-1], 22D1006-02[GW-2], B305864-BLK1, B305864-BS1, B305864-BSD1, B305903-BLK1, B305903-BS1, B305903-BSD1, S070460-CCV1, S070536-CCV1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332**SW-846 8015C**

Gasoline Range Organics (2-Methylpentane through 1,2,4-Trimethylbenzene) is quantitated against a calibration made with an unleaded gasoline composite standard.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: GW-1

Sampled: 4/13/2022 09:00

Sample ID: 22D1006-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	5.1	50	2.0	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Acrylonitrile	ND	5.0	0.55	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Benzene	25	1.0	0.20	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Bromochloromethane	ND	1.0	0.31	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Bromodichloromethane	ND	0.50	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Bromoform	ND	1.0	0.38	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Bromomethane	ND	5.0	1.5	µg/L	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
2-Butanone (MEK)	5.4	20	1.6	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
tert-Butyl Alcohol (TBA)	ND	20	4.7	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
n-Butylbenzene	0.27	1.0	0.15	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
sec-Butylbenzene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
tert-Butylbenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Carbon Disulfide	ND	5.0	1.4	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Chlorobenzene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Chlorodibromomethane	ND	0.50	0.22	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Chloroethane	ND	2.0	0.32	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Chloroform	ND	2.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Chloromethane	ND	2.0	0.52	µg/L	1	V-05, V-34, U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
2-Chlorotoluene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
4-Chlorotoluene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Dibromomethane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.6	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,3-Dichloropropane	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
2,2-Dichloropropane	ND	1.0	0.33	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Diethyl Ether	ND	2.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: GW-1

Sampled: 4/13/2022 09:00

Sample ID: 22D1006-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,4-Dioxane	ND	50	21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Ethylbenzene	20	1.0	0.21	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Hexachlorobutadiene	ND	0.60	0.46	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
2-Hexanone (MBK)	ND	10	1.1	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Isopropylbenzene (Cumene)	0.67	1.0	0.11	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.097	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Methyl Acetate	ND	1.0	0.45	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Methyl tert-Butyl Ether (MTBE)	0.69	1.0	0.17	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Methyl Cyclohexane	0.55	1.0	0.24	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Methylene Chloride	ND	5.0	0.23	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Naphthalene	2.9	2.0	0.24	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
n-Propylbenzene	1.2	1.0	0.086	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Styrene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Tetrachloroethylene	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Toluene	190	20	4.5	µg/L	20		SW-846 8260D	4/18/22	4/18/22 19:21	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Trichloroethylene	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,2,4-Trimethylbenzene	16	1.0	0.20	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
1,3,5-Trimethylbenzene	3.6	1.0	0.11	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Vinyl Chloride	ND	2.0	0.21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:23	LBD
m+p Xylene	67	2.0	0.46	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
o-Xylene	37	1.0	0.23	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:23	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	78.5		70-130				4/15/22 17:23			
1,2-Dichloroethane-d4	84.4		70-130				4/18/22 19:21			
Toluene-d8	93.0		70-130				4/15/22 17:23			
Toluene-d8	94.5		70-130				4/18/22 19:21			
4-Bromofluorobenzene	97.6		70-130				4/15/22 17:23			
4-Bromofluorobenzene	102		70-130				4/18/22 19:21			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: GW-2

Sampled: 4/13/2022 11:45

Sample ID: 22D1006-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	4.4	50	2.0	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Acrylonitrile	ND	5.0	0.55	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Benzene	12	1.0	0.20	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Bromochloromethane	ND	1.0	0.31	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Bromodichloromethane	ND	0.50	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Bromoform	ND	1.0	0.38	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Bromomethane	ND	5.0	1.5	µg/L	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
2-Butanone (MEK)	2.3	20	1.6	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
tert-Butyl Alcohol (TBA)	ND	20	4.7	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
n-Butylbenzene	0.50	1.0	0.15	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
sec-Butylbenzene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
tert-Butylbenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Carbon Disulfide	ND	5.0	1.4	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Chlorobenzene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Chlorodibromomethane	ND	0.50	0.22	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Chloroethane	ND	2.0	0.32	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Chloroform	ND	2.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Chloromethane	ND	2.0	0.52	µg/L	1	V-05, V-34, U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
2-Chlorotoluene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
4-Chlorotoluene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Dibromomethane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.6	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,3-Dichloropropane	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
2,2-Dichloropropane	ND	1.0	0.33	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Diethyl Ether	ND	2.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: GW-2

Sampled: 4/13/2022 11:45

Sample ID: 22D1006-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,4-Dioxane	ND	50	21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Ethylbenzene	5.8	1.0	0.21	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Hexachlorobutadiene	ND	0.60	0.46	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
2-Hexanone (MBK)	ND	10	1.1	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Isopropylbenzene (Cumene)	0.39	1.0	0.11	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.097	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Methyl Acetate	ND	1.0	0.45	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Methyl tert-Butyl Ether (MTBE)	0.43	1.0	0.17	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Methyl Cyclohexane	0.49	1.0	0.24	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Methylene Chloride	ND	5.0	0.23	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Naphthalene	0.71	2.0	0.24	µg/L	1	J	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
n-Propylbenzene	1.0	1.0	0.086	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Styrene	ND	1.0	0.11	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Tetrachloroethylene	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Toluene	45	1.0	0.22	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Trichloroethylene	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,2,4-Trimethylbenzene	6.6	1.0	0.20	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
1,3,5-Trimethylbenzene	2.2	1.0	0.11	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Vinyl Chloride	ND	2.0	0.21	µg/L	1	U	SW-846 8260D	4/15/22	4/15/22 17:50	LBD
m+p Xylene	19	2.0	0.46	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
o-Xylene	9.0	1.0	0.23	µg/L	1		SW-846 8260D	4/15/22	4/15/22 17:50	LBD
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	80.6	70-130								
Toluene-d8	94.0	70-130								
4-Bromofluorobenzene	99.0	70-130								

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-1

Sampled: 4/13/2022 09:10

Sample ID: 22D1006-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.065	0.0060	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Acrylonitrile	ND	0.0039	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00065	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Benzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Bromobenzene	ND	0.0013	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Bromochloromethane	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Bromodichloromethane	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Bromoform	ND	0.0013	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Bromomethane	ND	0.0065	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
2-Butanone (MEK)	ND	0.026	0.0037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
tert-Butyl Alcohol (TBA)	ND	0.065	0.030	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
n-Butylbenzene	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
sec-Butylbenzene	ND	0.0013	0.00062	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
tert-Butylbenzene	ND	0.0013	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00065	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Carbon Disulfide	ND	0.0065	0.0046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Carbon Tetrachloride	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Chlorobenzene	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Chlorodibromomethane	ND	0.00065	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Chloroethane	ND	0.013	0.00081	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Chloroform	ND	0.0026	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Chloromethane	ND	0.0065	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
2-Chlorotoluene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2-Dibromoethane (EDB)	ND	0.00065	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Dibromomethane	ND	0.0013	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00069	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1-Dichloroethane	ND	0.0013	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2-Dichloroethane	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1-Dichloroethylene	ND	0.0026	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2-Dichloropropane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,3-Dichloropropane	ND	0.00065	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
2,2-Dichloropropane	ND	0.0013	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1-Dichloropropene	ND	0.0013	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
cis-1,3-Dichloropropene	ND	0.00065	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
trans-1,3-Dichloropropene	ND	0.00065	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Diethyl Ether	ND	0.013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-1

Sampled: 4/13/2022 09:10

Sample ID: 22D1006-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00065	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,4-Dioxane	ND	0.065	0.023	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Ethylbenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Hexachlorobutadiene	ND	0.0013	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
2-Hexanone (MBK)	ND	0.013	0.0037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Methyl Acetate	ND	0.0013	0.00096	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	0.00023	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Methyl Cyclohexane	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Methylene Chloride	ND	0.013	0.00096	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Naphthalene	ND	0.0026	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
n-Propylbenzene	ND	0.0013	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.00065	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Tetrachloroethylene	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Tetrahydrofuran	ND	0.0065	0.0022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Toluene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Trichloroethylene	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0065	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2,3-Trichloropropane	ND	0.0013	0.00068	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0065	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Vinyl Chloride	ND	0.0065	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
m+p Xylene	ND	0.0026	0.00085	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
o-Xylene	ND	0.0013	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:32	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	109	70-130				4/15/22 9:32				
Toluene-d8	99.1	70-130				4/15/22 9:32				
4-Bromofluorobenzene	95.7	70-130				4/15/22 9:32				

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-1

Sampled: 4/13/2022 09:10

Sample ID: 22D1006-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.72	0.25	mg/Kg dry	1	U	SW-846 8015C	4/15/22	4/16/22 10:54	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	72.8		70-130				4/16/22 10:54			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-1

Sampled: 4/13/2022 09:10

Sample ID: 22D1006-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	4/19/22	4/20/22 17:23	BMB

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-2

Sampled: 4/13/2022 09:15

Sample ID: 22D1006-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.061	0.0056	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Acrylonitrile	ND	0.0037	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00061	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Benzene	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Bromobenzene	ND	0.0012	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Bromochloromethane	ND	0.0012	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Bromodichloromethane	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Bromoform	ND	0.0012	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Bromomethane	ND	0.0061	0.0010	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
2-Butanone (MEK)	ND	0.024	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
tert-Butyl Alcohol (TBA)	ND	0.061	0.028	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
n-Butylbenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
sec-Butylbenzene	ND	0.0012	0.00059	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
tert-Butylbenzene	ND	0.0012	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00061	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Carbon Disulfide	ND	0.0061	0.0043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Carbon Tetrachloride	ND	0.0012	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Chlorobenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Chlorodibromomethane	ND	0.00061	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Chloroethane	ND	0.012	0.00076	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Chloroform	ND	0.0024	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Chloromethane	ND	0.0061	0.00062	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
2-Chlorotoluene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
4-Chlorotoluene	ND	0.0012	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2-Dibromoethane (EDB)	ND	0.00061	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Dibromomethane	ND	0.0012	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2-Dichlorobenzene	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,3-Dichlorobenzene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,4-Dichlorobenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0024	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1-Dichloroethane	ND	0.0012	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2-Dichloroethane	ND	0.0012	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1-Dichloroethylene	ND	0.0024	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
cis-1,2-Dichloroethylene	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
trans-1,2-Dichloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2-Dichloropropane	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,3-Dichloropropane	ND	0.00061	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
2,2-Dichloropropane	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1-Dichloropropene	ND	0.0012	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
cis-1,3-Dichloropropene	ND	0.00061	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
trans-1,3-Dichloropropene	ND	0.00061	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Diethyl Ether	ND	0.012	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-2

Sampled: 4/13/2022 09:15

Sample ID: 22D1006-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00061	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,4-Dioxane	ND	0.061	0.022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Ethylbenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Hexachlorobutadiene	ND	0.0012	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
2-Hexanone (MBK)	ND	0.012	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Isopropylbenzene (Cumene)	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Methyl Acetate	ND	0.0012	0.00090	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Methyl Cyclohexane	ND	0.0012	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Methylene Chloride	ND	0.012	0.00090	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	0.0026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Naphthalene	ND	0.0024	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
n-Propylbenzene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Styrene	ND	0.0012	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.00061	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Tetrachloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Tetrahydrofuran	ND	0.0061	0.0021	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Toluene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2,3-Trichlorobenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2,4-Trichlorobenzene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,3,5-Trichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1,1-Trichloroethane	ND	0.0012	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1,2-Trichloroethane	ND	0.0012	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Trichloroethylene	ND	0.0012	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0061	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2,3-Trichloropropane	ND	0.0012	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0061	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,2,4-Trimethylbenzene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
1,3,5-Trimethylbenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Vinyl Chloride	ND	0.0061	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
m+p Xylene	ND	0.0024	0.00080	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
o-Xylene	ND	0.0012	0.00026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 9:57	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	105	70-130								
Toluene-d8	98.8	70-130								
4-Bromofluorobenzene	98.7	70-130								

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-2

Sampled: 4/13/2022 09:15

Sample ID: 22D1006-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.58	0.69	0.24	mg/Kg dry	1	J	SW-846 8015C	4/15/22	4/16/22 11:32	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	72.7		70-130				4/16/22 11:32			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-2

Sampled: 4/13/2022 09:15

Sample ID: 22D1006-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.3		% Wt	1		SM 2540G	4/19/22	4/20/22 17:23	BMB

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-3

Sampled: 4/13/2022 09:20

Sample ID: 22D1006-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	0.0061	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Acrylonitrile	ND	0.0040	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Benzene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Bromobenzene	ND	0.0013	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Bromochloromethane	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Bromoform	ND	0.0013	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Bromomethane	ND	0.0067	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
2-Butanone (MEK)	ND	0.027	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.067	0.031	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
n-Butylbenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
sec-Butylbenzene	ND	0.0013	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
tert-Butylbenzene	ND	0.0013	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Carbon Disulfide	ND	0.0067	0.0047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Carbon Tetrachloride	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Chlorobenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Chlorodibromomethane	ND	0.00067	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Chloroethane	ND	0.013	0.00083	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Chloroform	ND	0.0027	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Chloromethane	ND	0.0067	0.00068	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
2-Chlorotoluene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
4-Chlorotoluene	ND	0.0013	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Dibromomethane	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00071	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1-Dichloroethane	ND	0.0013	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2-Dichloroethane	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1-Dichloroethylene	ND	0.0027	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2-Dichloropropane	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,3-Dichloropropane	ND	0.00067	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
2,2-Dichloropropane	ND	0.0013	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1-Dichloropropene	ND	0.0013	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
cis-1,3-Dichloropropene	ND	0.00067	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
trans-1,3-Dichloropropene	ND	0.00067	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Diethyl Ether	ND	0.013	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-3

Sampled: 4/13/2022 09:20

Sample ID: 22D1006-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,4-Dioxane	ND	0.067	0.024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Ethylbenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Hexachlorobutadiene	ND	0.0013	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
2-Hexanone (MBK)	ND	0.013	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Methyl Acetate	ND	0.0013	0.00099	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Methyl Cyclohexane	ND	0.0013	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Methylene Chloride	ND	0.013	0.00099	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Naphthalene	ND	0.0027	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
n-Propylbenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Styrene	ND	0.0013	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Tetrachloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Tetrahydrofuran	ND	0.0067	0.0023	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Toluene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Trichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2,3-Trichloropropane	ND	0.0013	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Vinyl Chloride	ND	0.0067	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
m+p Xylene	ND	0.0027	0.00087	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
o-Xylene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:22	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	104	70-130								
Toluene-d8	98.5	70-130								
4-Bromofluorobenzene	97.7	70-130								

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-3

Sampled: 4/13/2022 09:20

Sample ID: 22D1006-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.47	0.73	0.26	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 16:38	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	77.2		70-130				4/19/22 16:38			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-3

Sampled: 4/13/2022 09:20

Sample ID: 22D1006-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.4		% Wt	1		SM 2540G	4/19/22	4/20/22 17:23	BMB

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-4

Sampled: 4/13/2022 11:00

Sample ID: 22D1006-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.074	0.0067	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Acrylonitrile	ND	0.0044	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00074	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Benzene	ND	0.0015	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Bromobenzene	ND	0.0015	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Bromochloromethane	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Bromodichloromethane	ND	0.0015	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Bromoform	ND	0.0015	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Bromomethane	ND	0.0074	0.0012	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
2-Butanone (MEK)	ND	0.029	0.0042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
tert-Butyl Alcohol (TBA)	ND	0.074	0.034	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
n-Butylbenzene	ND	0.0015	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
sec-Butylbenzene	ND	0.0015	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
tert-Butylbenzene	ND	0.0015	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00074	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Carbon Disulfide	ND	0.0074	0.0051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Carbon Tetrachloride	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Chlorobenzene	ND	0.0015	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Chlorodibromomethane	ND	0.00074	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Chloroethane	ND	0.015	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Chloroform	ND	0.0029	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Chloromethane	ND	0.0074	0.00074	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
2-Chlorotoluene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
4-Chlorotoluene	ND	0.0015	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2-Dibromoethane (EDB)	ND	0.00074	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Dibromomethane	ND	0.0015	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2-Dichlorobenzene	ND	0.0015	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,3-Dichlorobenzene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,4-Dichlorobenzene	ND	0.0015	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
trans-1,4-Dichloro-2-butene	ND	0.0029	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	0.00077	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1-Dichloroethane	ND	0.0015	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2-Dichloroethane	ND	0.0015	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1-Dichloroethylene	ND	0.0029	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
cis-1,2-Dichloroethylene	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
trans-1,2-Dichloroethylene	ND	0.0015	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2-Dichloropropane	ND	0.0015	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,3-Dichloropropane	ND	0.00074	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
2,2-Dichloropropane	ND	0.0015	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1-Dichloropropene	ND	0.0015	0.00072	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
cis-1,3-Dichloropropene	ND	0.00074	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
trans-1,3-Dichloropropene	ND	0.00074	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Diethyl Ether	ND	0.015	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-4

Sampled: 4/13/2022 11:00

Sample ID: 22D1006-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00074	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,4-Dioxane	ND	0.074	0.026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Ethylbenzene	0.0014	0.0015	0.00040	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Hexachlorobutadiene	ND	0.0015	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
2-Hexanone (MBK)	ND	0.015	0.0042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Isopropylbenzene (Cumene)	ND	0.0015	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Methyl Acetate	ND	0.0015	0.0011	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Methyl tert-Butyl Ether (MTBE)	0.00036	0.0029	0.00026	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Methyl Cyclohexane	ND	0.0015	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Methylene Chloride	ND	0.015	0.0011	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	0.0031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Naphthalene	ND	0.0029	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
n-Propylbenzene	ND	0.0015	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Styrene	ND	0.0015	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.00074	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Tetrachloroethylene	ND	0.0015	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Tetrahydrofuran	ND	0.0074	0.0025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Toluene	0.0026	0.0015	0.00038	mg/Kg dry	1		SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2,3-Trichlorobenzene	ND	0.0015	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2,4-Trichlorobenzene	ND	0.0015	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,3,5-Trichlorobenzene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1,1-Trichloroethane	ND	0.0015	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1,2-Trichloroethane	ND	0.0015	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Trichloroethylene	ND	0.0015	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0074	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2,3-Trichloropropane	ND	0.0015	0.00077	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0074	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,2,4-Trimethylbenzene	0.00063	0.0015	0.00049	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
1,3,5-Trimethylbenzene	ND	0.0015	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Vinyl Chloride	ND	0.0074	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
m+p Xylene	ND	0.0029	0.00096	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
o-Xylene	0.0013	0.0015	0.00032	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 10:52	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	101		70-130				4/15/22 10:52			
Toluene-d8	98.5		70-130				4/15/22 10:52			
4-Bromofluorobenzene	93.7		70-130				4/15/22 10:52			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-4

Sampled: 4/13/2022 11:00

Sample ID: 22D1006-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.71	0.85	0.30	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 17:55	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	74.5		70-130				4/19/22 17:55			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-4

Sampled: 4/13/2022 11:00

Sample ID: 22D1006-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	4/19/22	4/20/22 17:24	BMB

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-5

Sampled: 4/13/2022 11:55

Sample ID: 22D1006-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.062	0.0057	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Acrylonitrile	ND	0.0037	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00062	0.00023	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Benzene	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Bromobenzene	ND	0.0012	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Bromochloromethane	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Bromodichloromethane	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Bromoform	ND	0.0012	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Bromomethane	ND	0.0062	0.0010	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
2-Butanone (MEK)	ND	0.025	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
tert-Butyl Alcohol (TBA)	ND	0.062	0.029	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
n-Butylbenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
sec-Butylbenzene	ND	0.0012	0.00059	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
tert-Butylbenzene	ND	0.0012	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00062	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Carbon Disulfide	ND	0.0062	0.0043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Carbon Tetrachloride	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Chlorobenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Chlorodibromomethane	ND	0.00062	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Chloroethane	ND	0.012	0.00077	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Chloroform	ND	0.0025	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Chloromethane	ND	0.0062	0.00063	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
2-Chlorotoluene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
4-Chlorotoluene	ND	0.0012	0.00026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2-Dibromoethane (EDB)	ND	0.00062	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Dibromomethane	ND	0.0012	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2-Dichlorobenzene	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,3-Dichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,4-Dichlorobenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1-Dichloroethane	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2-Dichloroethane	ND	0.0012	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1-Dichloroethylene	ND	0.0025	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
cis-1,2-Dichloroethylene	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
trans-1,2-Dichloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2-Dichloropropane	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,3-Dichloropropane	ND	0.00062	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
2,2-Dichloropropane	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1-Dichloropropene	ND	0.0012	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
cis-1,3-Dichloropropene	ND	0.00062	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
trans-1,3-Dichloropropene	ND	0.00062	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Diethyl Ether	ND	0.012	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-5

Sampled: 4/13/2022 11:55

Sample ID: 22D1006-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00062	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,4-Dioxane	ND	0.062	0.022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Ethylbenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Hexachlorobutadiene	ND	0.0012	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
2-Hexanone (MBK)	ND	0.012	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Isopropylbenzene (Cumene)	ND	0.0012	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Methyl Acetate	ND	0.0012	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Methyl Cyclohexane	ND	0.0012	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Methylene Chloride	ND	0.012	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	0.0026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Naphthalene	ND	0.0025	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
n-Propylbenzene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Styrene	ND	0.0012	0.00026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.00062	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Tetrachloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Tetrahydrofuran	ND	0.0062	0.0021	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Toluene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2,3-Trichlorobenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2,4-Trichlorobenzene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,3,5-Trichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1,1-Trichloroethane	ND	0.0012	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1,2-Trichloroethane	ND	0.0012	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Trichloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0062	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2,3-Trichloropropane	ND	0.0012	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0062	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,2,4-Trimethylbenzene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
1,3,5-Trimethylbenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Vinyl Chloride	ND	0.0062	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
m+p Xylene	ND	0.0025	0.00080	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
o-Xylene	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 11:16	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	95.4	70-130				4/15/22 11:16				
Toluene-d8	99.3	70-130				4/15/22 11:16				
4-Bromofluorobenzene	95.2	70-130				4/15/22 11:16				

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-5

Sampled: 4/13/2022 11:55

Sample ID: 22D1006-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.48	0.85	0.30	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 17:16	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	73.8		70-130				4/19/22 17:16			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-5

Sampled: 4/13/2022 11:55

Sample ID: 22D1006-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	4/19/22	4/20/22 17:24	BMB

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-6

Sampled: 4/13/2022 12:00

Sample ID: 22D1006-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0064	0.066	0.0061	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Acrylonitrile	ND	0.0040	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Benzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Bromobenzene	ND	0.0013	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Bromochloromethane	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Bromoform	ND	0.0013	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Bromomethane	ND	0.0066	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
2-Butanone (MEK)	ND	0.027	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
tert-Butyl Alcohol (TBA)	ND	0.066	0.031	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
n-Butylbenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
sec-Butylbenzene	ND	0.0013	0.00063	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
tert-Butylbenzene	ND	0.0013	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Carbon Disulfide	ND	0.0066	0.0046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Carbon Tetrachloride	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Chlorobenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Chlorodibromomethane	ND	0.00066	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Chloroethane	ND	0.013	0.00083	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Chloroform	ND	0.0027	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Chloromethane	ND	0.0066	0.00067	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
2-Chlorotoluene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Dibromomethane	ND	0.0013	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1-Dichloroethane	ND	0.0013	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2-Dichloroethane	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1-Dichloroethylene	ND	0.0027	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2-Dichloropropane	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,3-Dichloropropane	ND	0.00066	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
2,2-Dichloropropane	ND	0.0013	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1-Dichloropropene	ND	0.0013	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
cis-1,3-Dichloropropene	ND	0.00066	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
trans-1,3-Dichloropropene	ND	0.00066	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Diethyl Ether	ND	0.013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-6

Sampled: 4/13/2022 12:00

Sample ID: 22D1006-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00066	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,4-Dioxane	ND	0.066	0.024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Ethylbenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Hexachlorobutadiene	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
2-Hexanone (MBK)	ND	0.013	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Methyl Acetate	ND	0.0013	0.00098	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Methyl Cyclohexane	ND	0.0013	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Methylene Chloride	ND	0.013	0.00098	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Naphthalene	ND	0.0027	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
n-Propylbenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Tetrachloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Tetrahydrofuran	ND	0.0066	0.0022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Toluene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Trichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2,3-Trichloropropane	ND	0.0013	0.00069	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Vinyl Chloride	ND	0.0066	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
m+p Xylene	ND	0.0027	0.00086	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
o-Xylene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:05	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	106	70-130								
Toluene-d8	97.5	70-130								
4-Bromofluorobenzene	97.7	70-130								

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-6

Sampled: 4/13/2022 12:00

Sample ID: 22D1006-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.65	0.84	0.29	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 18:33	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	81.9		70-130				4/19/22 18:33			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-6

Sampled: 4/13/2022 12:00

Sample ID: 22D1006-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.0		% Wt	1		SM 2540G	4/19/22	4/20/22 17:24	BMB

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-7

Sampled: 4/13/2022 12:05

Sample ID: 22D1006-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0093	0.062	0.0056	mg/Kg dry	1	J	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Acrylonitrile	ND	0.0037	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00062	0.00023	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Benzene	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Bromobenzene	ND	0.0012	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Bromochloromethane	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Bromodichloromethane	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Bromoform	ND	0.0012	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Bromomethane	ND	0.0062	0.0010	mg/Kg dry	1	V-34, U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
2-Butanone (MEK)	ND	0.025	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
tert-Butyl Alcohol (TBA)	ND	0.062	0.028	mg/Kg dry	1	V-05, U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
n-Butylbenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
sec-Butylbenzene	ND	0.0012	0.00059	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
tert-Butylbenzene	ND	0.0012	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00062	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Carbon Disulfide	ND	0.0062	0.0043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Carbon Tetrachloride	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Chlorobenzene	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Chlorodibromomethane	ND	0.00062	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Chloroethane	ND	0.012	0.00076	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Chloroform	ND	0.0025	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Chloromethane	ND	0.0062	0.00062	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
2-Chlorotoluene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
4-Chlorotoluene	ND	0.0012	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2-Dibromoethane (EDB)	ND	0.00062	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Dibromomethane	ND	0.0012	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2-Dichlorobenzene	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,3-Dichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,4-Dichlorobenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0025	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1-Dichloroethane	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2-Dichloroethane	ND	0.0012	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1-Dichloroethylene	ND	0.0025	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
cis-1,2-Dichloroethylene	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
trans-1,2-Dichloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2-Dichloropropane	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,3-Dichloropropane	ND	0.00062	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
2,2-Dichloropropane	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1-Dichloropropene	ND	0.0012	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
cis-1,3-Dichloropropene	ND	0.00062	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
trans-1,3-Dichloropropene	ND	0.00062	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Diethyl Ether	ND	0.012	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-7

Sampled: 4/13/2022 12:05

Sample ID: 22D1006-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00062	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,4-Dioxane	ND	0.062	0.022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Ethylbenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Hexachlorobutadiene	ND	0.0012	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
2-Hexanone (MBK)	ND	0.012	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Isopropylbenzene (Cumene)	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Methyl Acetate	ND	0.0012	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0025	0.00022	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Methyl Cyclohexane	ND	0.0012	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Methylene Chloride	ND	0.012	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	0.0026	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Naphthalene	ND	0.0025	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
n-Propylbenzene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Styrene	ND	0.0012	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.00062	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Tetrachloroethylene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Tetrahydrofuran	ND	0.0062	0.0021	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Toluene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2,3-Trichlorobenzene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2,4-Trichlorobenzene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,3,5-Trichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1,1-Trichloroethane	ND	0.0012	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1,2-Trichloroethane	ND	0.0012	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Trichloroethylene	ND	0.0012	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0062	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2,3-Trichloropropane	ND	0.0012	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0062	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,2,4-Trimethylbenzene	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
1,3,5-Trimethylbenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Vinyl Chloride	ND	0.0062	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
m+p Xylene	ND	0.0025	0.00080	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
o-Xylene	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/15/22	4/15/22 15:30	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	113	70-130								
Toluene-d8	98.7	70-130								
4-Bromofluorobenzene	96.3	70-130								

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-7

Sampled: 4/13/2022 12:05

Sample ID: 22D1006-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.39	0.78	0.27	mg/Kg dry	1	J	SW-846 8015C	4/15/22	4/16/22 10:16	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	74.2		70-130				4/16/22 10:16			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1006

Date Received: 4/14/2022

Field Sample #: S-7

Sampled: 4/13/2022 12:05

Sample ID: 22D1006-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	4/19/22	4/20/22 17:24	BMB

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
22D1006-03 [S-1]	B306195	04/19/22
22D1006-04 [S-2]	B306195	04/19/22
22D1006-05 [S-3]	B306195	04/19/22
22D1006-06 [S-4]	B306195	04/19/22
22D1006-07 [S-5]	B306195	04/19/22
22D1006-08 [S-6]	B306195	04/19/22
22D1006-09 [S-7]	B306195	04/19/22

Prep Method: SW-846 5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22D1006-03 [S-1]	B305872	7.75	5.33	04/15/22
22D1006-04 [S-2]	B305872	9.48	5.92	04/15/22
22D1006-09 [S-7]	B305872	9.34	6.28	04/15/22

Prep Method: SW-846 5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22D1006-05 [S-3]	B306053	8.29	5.63	04/18/22
22D1006-06 [S-4]	B306053	6.48	5.27	04/18/22
22D1006-07 [S-5]	B306053	8.87	6.39	04/18/22
22D1006-08 [S-6]	B306053	8.89	6.33	04/18/22

Prep Method: SW-846 5035-SW-846 8260D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
22D1006-03 [S-1]	B305914	8.00	10.0	04/15/22
22D1006-04 [S-2]	B305914	9.05	10.0	04/15/22
22D1006-05 [S-3]	B305914	8.08	10.0	04/15/22
22D1006-06 [S-4]	B305914	7.10	10.0	04/15/22
22D1006-07 [S-5]	B305914	9.60	10.0	04/15/22
22D1006-08 [S-6]	B305914	8.86	10.0	04/15/22
22D1006-09 [S-7]	B305914	9.42	10.0	04/15/22

Prep Method: SW-846 5030B-SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22D1006-01RE1 [GW-1]	B305864	0.25	5.00	04/18/22

Prep Method: SW-846 5030B-SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22D1006-01 [GW-1]	B305903	5	5.00	04/15/22
22D1006-02 [GW-2]	B305903	5	5.00	04/15/22

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305864 - SW-846 5030B
Blank (B305864-BLK1)

Prepared: 04/15/22 Analyzed: 04/18/22

Acetone	ND	50	2.0	µg/L							U
Acrylonitrile	ND	5.0	0.55	µg/L							U
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L							U
Benzene	ND	1.0	0.20	µg/L							U
Bromobenzene	ND	1.0	0.15	µg/L							U
Bromochloromethane	ND	1.0	0.31	µg/L							U
Bromodichloromethane	ND	0.50	0.18	µg/L							U
Bromoform	ND	1.0	0.38	µg/L							U
Bromomethane	ND	2.0	1.5	µg/L							V-34, U
2-Butanone (MEK)	ND	20	1.6	µg/L							U
tert-Butyl Alcohol (TBA)	ND	20	4.7	µg/L							U
n-Butylbenzene	ND	1.0	0.15	µg/L							U
sec-Butylbenzene	ND	1.0	0.11	µg/L							U
tert-Butylbenzene	ND	1.0	0.13	µg/L							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L							U
Carbon Disulfide	ND	5.0	1.4	µg/L							U
Carbon Tetrachloride	ND	5.0	0.16	µg/L							U
Chlorobenzene	ND	1.0	0.11	µg/L							U
Chlorodibromomethane	ND	0.50	0.22	µg/L							U
Chloroethane	ND	2.0	0.32	µg/L							U
Chloroform	ND	2.0	0.17	µg/L							U
Chloromethane	ND	2.0	0.52	µg/L							V-05, V-34, U
2-Chlorotoluene	ND	1.0	0.11	µg/L							U
4-Chlorotoluene	ND	1.0	0.12	µg/L							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L							U
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L							U
Dibromomethane	ND	1.0	0.35	µg/L							U
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L							U
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L							U
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L							U
trans-1,4-Dichloro-2-butene	ND	2.0	1.6	µg/L							U
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L							U
1,1-Dichloroethane	ND	1.0	0.14	µg/L							U
1,2-Dichloroethane	ND	1.0	0.31	µg/L							U
1,1-Dichloroethylene	ND	1.0	0.14	µg/L							U
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L							U
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L							U
1,2-Dichloropropane	ND	1.0	0.18	µg/L							U
1,3-Dichloropropane	ND	0.50	0.13	µg/L							U
2,2-Dichloropropane	ND	1.0	0.33	µg/L							U
1,1-Dichloropropene	ND	2.0	0.15	µg/L							U
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L							U
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L							U
Diethyl Ether	ND	2.0	0.18	µg/L							U
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L							U
1,4-Dioxane	ND	50	21	µg/L							U
Ethylbenzene	ND	1.0	0.21	µg/L							U
Hexachlorobutadiene	ND	0.60	0.46	µg/L							U
2-Hexanone (MBK)	ND	10	1.1	µg/L							U
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L							U

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305864 - SW-846 5030B
Blank (B305864-BLK1)

Prepared: 04/15/22 Analyzed: 04/18/22

p-Isopropyltoluene (p-Cymene)	ND	1.0	0.097	µg/L							U
Methyl Acetate	ND	1.0	0.45	µg/L							U
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L							U
Methyl Cyclohexane	ND	1.0	0.24	µg/L							U
Methylene Chloride	ND	5.0	0.23	µg/L							U
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L							U
Naphthalene	ND	2.0	0.24	µg/L							U
n-Propylbenzene	ND	1.0	0.086	µg/L							U
Styrene	ND	1.0	0.11	µg/L							U
1,1,1,2-Tetrachloroethane	ND	1.0	0.18	µg/L							U
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L							U
Tetrachloroethylene	ND	1.0	0.19	µg/L							U
Tetrahydrofuran	ND	10	0.49	µg/L							U
Toluene	ND	1.0	0.22	µg/L							U
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L							U
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L							U
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L							U
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L							U
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L							U
Trichloroethylene	ND	1.0	0.19	µg/L							U
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L							U
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L							U
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L							U
1,3,5-Trimethylbenzene	ND	1.0	0.11	µg/L							U
Vinyl Chloride	ND	2.0	0.21	µg/L							U
m+p Xylene	ND	2.0	0.46	µg/L							U
o-Xylene	ND	1.0	0.23	µg/L							U
Surrogate: 1,2-Dichloroethane-d4	20.8			µg/L	25.0		83.2	70-130			
Surrogate: Toluene-d8	23.8			µg/L	25.0		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.8			µg/L	25.0		99.0	70-130			

LCS (B305864-BS1)

Prepared: 04/15/22 Analyzed: 04/18/22

Acetone	95.5	50	2.0	µg/L	100		95.5	70-160			†
Acrylonitrile	10.9	5.0	0.55	µg/L	10.0		109	70-130			
tert-Amyl Methyl Ether (TAME)	10.2	0.50	0.14	µg/L	10.0		102	70-130			
Benzene	9.70	1.0	0.20	µg/L	10.0		97.0	70-130			
Bromobenzene	10.2	1.0	0.15	µg/L	10.0		102	70-130			
Bromochloromethane	11.8	1.0	0.31	µg/L	10.0		118	70-130			
Bromodichloromethane	10.6	0.50	0.18	µg/L	10.0		106	70-130			
Bromoform	11.5	1.0	0.38	µg/L	10.0		115	70-130			
Bromomethane	16.1	2.0	1.5	µg/L	10.0		161	* 40-160		L-02, V-20, V-34	†
2-Butanone (MEK)	99.2	20	1.6	µg/L	100		99.2	40-160			†
tert-Butyl Alcohol (TBA)	109	20	4.7	µg/L	100		109	40-160			†
n-Butylbenzene	8.78	1.0	0.15	µg/L	10.0		87.8	70-130			
sec-Butylbenzene	9.07	1.0	0.11	µg/L	10.0		90.7	70-130			
tert-Butylbenzene	9.59	1.0	0.13	µg/L	10.0		95.9	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.80	0.50	0.15	µg/L	10.0		98.0	70-130			
Carbon Disulfide	86.3	5.0	1.4	µg/L	100		86.3	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305864 - SW-846 5030B											
LCS (B305864-BS1)						Prepared: 04/15/22 Analyzed: 04/18/22					
Carbon Tetrachloride	10.4	5.0	0.16	µg/L	10.0		104	70-130			
Chlorobenzene	10.7	1.0	0.11	µg/L	10.0		107	70-130			
Chlorodibromomethane	11.1	0.50	0.22	µg/L	10.0		111	70-130			
Chloroethane	9.90	2.0	0.32	µg/L	10.0		99.0	70-130			
Chloroform	9.88	2.0	0.17	µg/L	10.0		98.8	70-130			
Chloromethane	4.18	2.0	0.52	µg/L	10.0		41.8	40-160			V-05, V-34 †
2-Chlorotoluene	10.4	1.0	0.11	µg/L	10.0		104	70-130			
4-Chlorotoluene	10.5	1.0	0.12	µg/L	10.0		105	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.73	5.0	0.80	µg/L	10.0		87.3	70-130			
1,2-Dibromoethane (EDB)	10.7	0.50	0.17	µg/L	10.0		107	70-130			
Dibromomethane	10.8	1.0	0.35	µg/L	10.0		108	70-130			
1,2-Dichlorobenzene	9.66	1.0	0.12	µg/L	10.0		96.6	70-130			
1,3-Dichlorobenzene	9.89	1.0	0.12	µg/L	10.0		98.9	70-130			
1,4-Dichlorobenzene	9.71	1.0	0.13	µg/L	10.0		97.1	70-130			
trans-1,4-Dichloro-2-butene	10.3	2.0	1.6	µg/L	10.0		103	70-130			
Dichlorodifluoromethane (Freon 12)	8.43	2.0	0.19	µg/L	10.0		84.3	40-160			†
1,1-Dichloroethane	10.4	1.0	0.14	µg/L	10.0		104	70-130			
1,2-Dichloroethane	10.5	1.0	0.31	µg/L	10.0		105	70-130			
1,1-Dichloroethylene	10.1	1.0	0.14	µg/L	10.0		101	70-130			
cis-1,2-Dichloroethylene	10.4	1.0	0.15	µg/L	10.0		104	70-130			
trans-1,2-Dichloroethylene	10.6	1.0	0.17	µg/L	10.0		106	70-130			
1,2-Dichloropropane	10.6	1.0	0.18	µg/L	10.0		106	70-130			
1,3-Dichloropropane	10.4	0.50	0.13	µg/L	10.0		104	70-130			
2,2-Dichloropropane	10.2	1.0	0.33	µg/L	10.0		102	40-130			†
1,1-Dichloropropene	9.57	2.0	0.15	µg/L	10.0		95.7	70-130			
cis-1,3-Dichloropropene	9.77	0.50	0.16	µg/L	10.0		97.7	70-130			
trans-1,3-Dichloropropene	9.81	0.50	0.17	µg/L	10.0		98.1	70-130			
Diethyl Ether	9.04	2.0	0.18	µg/L	10.0		90.4	70-130			
Diisopropyl Ether (DIPE)	9.88	0.50	0.13	µg/L	10.0		98.8	70-130			
1,4-Dioxane	105	50	21	µg/L	100		105	40-130			†
Ethylbenzene	10.4	1.0	0.21	µg/L	10.0		104	70-130			
Hexachlorobutadiene	9.02	0.60	0.46	µg/L	10.0		90.2	70-130			
2-Hexanone (MBK)	106	10	1.1	µg/L	100		106	70-160			†
Isopropylbenzene (Cumene)	10.8	1.0	0.11	µg/L	10.0		108	70-130			
p-Isopropyltoluene (p-Cymene)	9.46	1.0	0.097	µg/L	10.0		94.6	70-130			
Methyl Acetate	9.48	1.0	0.45	µg/L	10.0		94.8	70-130			
Methyl tert-Butyl Ether (MTBE)	9.93	1.0	0.17	µg/L	10.0		99.3	70-130			
Methyl Cyclohexane	9.59	1.0	0.24	µg/L	10.0		95.9	70-130			
Methylene Chloride	9.75	5.0	0.23	µg/L	10.0		97.5	70-130			
4-Methyl-2-pentanone (MIBK)	111	10	1.3	µg/L	100		111	70-160			†
Naphthalene	8.01	2.0	0.24	µg/L	10.0		80.1	40-130			†
n-Propylbenzene	10.2	1.0	0.086	µg/L	10.0		102	70-130			
Styrene	10.8	1.0	0.11	µg/L	10.0		108	70-130			
1,1,1,2-Tetrachloroethane	11.5	1.0	0.18	µg/L	10.0		115	70-130			
1,1,2,2-Tetrachloroethane	10.2	0.50	0.13	µg/L	10.0		102	70-130			
Tetrachloroethylene	12.1	1.0	0.19	µg/L	10.0		121	70-130			
Tetrahydrofuran	10.4	10	0.49	µg/L	10.0		104	70-130			
Toluene	10.6	1.0	0.22	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	8.39	5.0	0.30	µg/L	10.0		83.9	70-130			
1,2,4-Trichlorobenzene	9.41	1.0	0.25	µg/L	10.0		94.1	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305864 - SW-846 5030B
LCS (B305864-BS1)

Prepared: 04/15/22 Analyzed: 04/18/22

1,3,5-Trichlorobenzene	9.00	1.0	0.21	µg/L	10.0		90.0	70-130			
1,1,1-Trichloroethane	10.2	1.0	0.17	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.3	1.0	0.18	µg/L	10.0		103	70-130			
Trichloroethylene	10.9	1.0	0.19	µg/L	10.0		109	70-130			
Trichlorofluoromethane (Freon 11)	8.46	2.0	0.18	µg/L	10.0		84.6	70-130			
1,2,3-Trichloropropane	11.1	2.0	0.28	µg/L	10.0		111	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2	1.0	0.23	µg/L	10.0		102	70-130			
1,2,4-Trimethylbenzene	9.46	1.0	0.20	µg/L	10.0		94.6	70-130			
1,3,5-Trimethylbenzene	10.7	1.0	0.11	µg/L	10.0		107	70-130			
Vinyl Chloride	8.98	2.0	0.21	µg/L	10.0		89.8	40-160			†
m+p Xylene	21.6	2.0	0.46	µg/L	20.0		108	70-130			
o-Xylene	10.5	1.0	0.23	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	20.1			µg/L	25.0		80.3	70-130			
Surrogate: Toluene-d8	24.1			µg/L	25.0		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	24.7			µg/L	25.0		98.6	70-130			

LCS Dup (B305864-BSD1)

Prepared: 04/15/22 Analyzed: 04/18/22

Acetone	94.0	50	2.0	µg/L	100		94.0	70-160	1.51	25	†
Acrylonitrile	10.9	5.0	0.55	µg/L	10.0		109	70-130	0.550	25	
tert-Amyl Methyl Ether (TAME)	10.4	0.50	0.14	µg/L	10.0		104	70-130	2.14	25	
Benzene	10.1	1.0	0.20	µg/L	10.0		101	70-130	3.74	25	
Bromobenzene	10.3	1.0	0.15	µg/L	10.0		103	70-130	0.584	25	
Bromochloromethane	12.6	1.0	0.31	µg/L	10.0		126	70-130	6.49	25	
Bromodichloromethane	10.7	0.50	0.18	µg/L	10.0		107	70-130	0.750	25	
Bromoform	11.6	1.0	0.38	µg/L	10.0		116	70-130	0.520	25	
Bromomethane	16.2	2.0	1.5	µg/L	10.0		162 *	40-160	0.991	25	L-02, V-20, V-34 †
2-Butanone (MEK)	98.6	20	1.6	µg/L	100		98.6	40-160	0.617	25	†
tert-Butyl Alcohol (TBA)	105	20	4.7	µg/L	100		105	40-160	3.26	25	†
n-Butylbenzene	8.83	1.0	0.15	µg/L	10.0		88.3	70-130	0.568	25	
sec-Butylbenzene	9.15	1.0	0.11	µg/L	10.0		91.5	70-130	0.878	25	
tert-Butylbenzene	9.59	1.0	0.13	µg/L	10.0		95.9	70-130	0.00	25	
tert-Butyl Ethyl Ether (TBEE)	10.0	0.50	0.15	µg/L	10.0		100	70-130	2.02	25	
Carbon Disulfide	86.4	5.0	1.4	µg/L	100		86.4	70-130	0.0116	25	
Carbon Tetrachloride	11.1	5.0	0.16	µg/L	10.0		111	70-130	6.14	25	
Chlorobenzene	10.8	1.0	0.11	µg/L	10.0		108	70-130	0.837	25	
Chlorodibromomethane	11.5	0.50	0.22	µg/L	10.0		115	70-130	2.92	25	
Chloroethane	10.1	2.0	0.32	µg/L	10.0		101	70-130	1.80	25	
Chloroform	10.5	2.0	0.17	µg/L	10.0		105	70-130	5.89	25	
Chloromethane	4.22	2.0	0.52	µg/L	10.0		42.2	40-160	0.952	25	V-05, V-34 †
2-Chlorotoluene	10.4	1.0	0.11	µg/L	10.0		104	70-130	0.0959	25	
4-Chlorotoluene	10.9	1.0	0.12	µg/L	10.0		109	70-130	3.64	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.41	5.0	0.80	µg/L	10.0		84.1	70-130	3.73	25	
1,2-Dibromoethane (EDB)	10.9	0.50	0.17	µg/L	10.0		109	70-130	2.04	25	
Dibromomethane	11.1	1.0	0.35	µg/L	10.0		111	70-130	2.19	25	
1,2-Dichlorobenzene	9.90	1.0	0.12	µg/L	10.0		99.0	70-130	2.45	25	
1,3-Dichlorobenzene	10.0	1.0	0.12	µg/L	10.0		100	70-130	1.21	25	
1,4-Dichlorobenzene	9.81	1.0	0.13	µg/L	10.0		98.1	70-130	1.02	25	
trans-1,4-Dichloro-2-butene	10.2	2.0	1.6	µg/L	10.0		102	70-130	1.08	25	
Dichlorodifluoromethane (Freon 12)	8.90	2.0	0.19	µg/L	10.0		89.0	40-160	5.42	25	†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305864 - SW-846 5030B											
LCS Dup (B305864-BSD1)						Prepared: 04/15/22 Analyzed: 04/18/22					
1,1-Dichloroethane	10.3	1.0	0.14	µg/L	10.0		103	70-130	0.193	25	
1,2-Dichloroethane	10.9	1.0	0.31	µg/L	10.0		109	70-130	3.92	25	
1,1-Dichloroethylene	10.4	1.0	0.14	µg/L	10.0		104	70-130	3.03	25	
cis-1,2-Dichloroethylene	10.9	1.0	0.15	µg/L	10.0		109	70-130	4.88	25	
trans-1,2-Dichloroethylene	10.8	1.0	0.17	µg/L	10.0		108	70-130	2.24	25	
1,2-Dichloropropane	10.7	1.0	0.18	µg/L	10.0		107	70-130	0.375	25	
1,3-Dichloropropane	10.4	0.50	0.13	µg/L	10.0		104	70-130	0.193	25	
2,2-Dichloropropane	10.4	1.0	0.33	µg/L	10.0		104	40-130	1.74	25	†
1,1-Dichloropropene	10.1	2.0	0.15	µg/L	10.0		101	70-130	5.49	25	
cis-1,3-Dichloropropene	10.2	0.50	0.16	µg/L	10.0		102	70-130	3.91	25	
trans-1,3-Dichloropropene	9.83	0.50	0.17	µg/L	10.0		98.3	70-130	0.204	25	
Diethyl Ether	9.30	2.0	0.18	µg/L	10.0		93.0	70-130	2.84	25	
Diisopropyl Ether (DIPE)	10.2	0.50	0.13	µg/L	10.0		102	70-130	3.09	25	
1,4-Dioxane	111	50	21	µg/L	100		111	40-130	5.26	50	† ‡
Ethylbenzene	10.8	1.0	0.21	µg/L	10.0		108	70-130	3.21	25	
Hexachlorobutadiene	9.20	0.60	0.46	µg/L	10.0		92.0	70-130	1.98	25	
2-Hexanone (MBK)	105	10	1.1	µg/L	100		105	70-160	0.836	25	†
Isopropylbenzene (Cumene)	10.8	1.0	0.11	µg/L	10.0		108	70-130	0.371	25	
p-Isopropyltoluene (p-Cymene)	9.58	1.0	0.097	µg/L	10.0		95.8	70-130	1.26	25	
Methyl Acetate	9.49	1.0	0.45	µg/L	10.0		94.9	70-130	0.105	25	
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	0.17	µg/L	10.0		103	70-130	3.46	25	
Methyl Cyclohexane	9.99	1.0	0.24	µg/L	10.0		99.9	70-130	4.09	25	
Methylene Chloride	10.0	5.0	0.23	µg/L	10.0		100	70-130	2.63	25	
4-Methyl-2-pentanone (MIBK)	108	10	1.3	µg/L	100		108	70-160	2.45	25	†
Naphthalene	7.82	2.0	0.24	µg/L	10.0		78.2	40-130	2.40	25	†
n-Propylbenzene	10.4	1.0	0.086	µg/L	10.0		104	70-130	1.95	25	
Styrene	11.0	1.0	0.11	µg/L	10.0		110	70-130	1.56	25	
1,1,1,2-Tetrachloroethane	11.4	1.0	0.18	µg/L	10.0		114	70-130	0.964	25	
1,1,2,2-Tetrachloroethane	10.2	0.50	0.13	µg/L	10.0		102	70-130	0.0979	25	
Tetrachloroethylene	12.5	1.0	0.19	µg/L	10.0		125	70-130	3.34	25	
Tetrahydrofuran	10.2	10	0.49	µg/L	10.0		102	70-130	2.91	25	
Toluene	11.1	1.0	0.22	µg/L	10.0		111	70-130	4.33	25	
1,2,3-Trichlorobenzene	8.18	5.0	0.30	µg/L	10.0		81.8	70-130	2.53	25	
1,2,4-Trichlorobenzene	9.23	1.0	0.25	µg/L	10.0		92.3	70-130	1.93	25	
1,3,5-Trichlorobenzene	9.06	1.0	0.21	µg/L	10.0		90.6	70-130	0.664	25	
1,1,1-Trichloroethane	11.0	1.0	0.17	µg/L	10.0		110	70-130	6.88	25	
1,1,2-Trichloroethane	10.9	1.0	0.18	µg/L	10.0		109	70-130	5.38	25	
Trichloroethylene	11.2	1.0	0.19	µg/L	10.0		112	70-130	2.80	25	
Trichlorofluoromethane (Freon 11)	8.67	2.0	0.18	µg/L	10.0		86.7	70-130	2.45	25	
1,2,3-Trichloropropane	11.5	2.0	0.28	µg/L	10.0		115	70-130	3.44	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	0.23	µg/L	10.0		105	70-130	2.71	25	
1,2,4-Trimethylbenzene	9.60	1.0	0.20	µg/L	10.0		96.0	70-130	1.47	25	
1,3,5-Trimethylbenzene	11.1	1.0	0.11	µg/L	10.0		111	70-130	3.59	25	
Vinyl Chloride	9.53	2.0	0.21	µg/L	10.0		95.3	40-160	5.94	25	†
m+p Xylene	21.9	2.0	0.46	µg/L	20.0		110	70-130	1.61	25	
o-Xylene	10.6	1.0	0.23	µg/L	10.0		106	70-130	1.42	25	
Surrogate: 1,2-Dichloroethane-d4	20.3			µg/L	25.0		81.0	70-130			
Surrogate: Toluene-d8	24.0			µg/L	25.0		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.0			µg/L	25.0		100	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305903 - SW-846 5030B
Blank (B305903-BLK1)

Prepared & Analyzed: 04/15/22

Acetone	ND	50	2.0	µg/L							U
Acrylonitrile	ND	5.0	0.55	µg/L							U
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L							U
Benzene	ND	1.0	0.20	µg/L							U
Bromobenzene	ND	1.0	0.15	µg/L							U
Bromochloromethane	ND	1.0	0.31	µg/L							U
Bromodichloromethane	ND	0.50	0.18	µg/L							U
Bromoform	ND	1.0	0.38	µg/L							U
Bromomethane	ND	2.0	1.5	µg/L							V-34, U
2-Butanone (MEK)	ND	20	1.6	µg/L							U
tert-Butyl Alcohol (TBA)	ND	20	4.7	µg/L							U
n-Butylbenzene	ND	1.0	0.15	µg/L							U
sec-Butylbenzene	ND	1.0	0.11	µg/L							U
tert-Butylbenzene	ND	1.0	0.13	µg/L							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L							U
Carbon Disulfide	ND	5.0	1.4	µg/L							U
Carbon Tetrachloride	ND	5.0	0.16	µg/L							U
Chlorobenzene	ND	1.0	0.11	µg/L							U
Chlorodibromomethane	ND	0.50	0.22	µg/L							U
Chloroethane	ND	2.0	0.32	µg/L							U
Chloroform	ND	2.0	0.17	µg/L							U
Chloromethane	ND	2.0	0.52	µg/L							V-05, V-34, U
2-Chlorotoluene	ND	1.0	0.11	µg/L							U
4-Chlorotoluene	ND	1.0	0.12	µg/L							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L							U
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L							U
Dibromomethane	ND	1.0	0.35	µg/L							U
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L							U
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L							U
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L							U
trans-1,4-Dichloro-2-butene	ND	2.0	1.6	µg/L							U
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L							U
1,1-Dichloroethane	ND	1.0	0.14	µg/L							U
1,2-Dichloroethane	ND	1.0	0.31	µg/L							U
1,1-Dichloroethylene	ND	1.0	0.14	µg/L							U
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L							U
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L							U
1,2-Dichloropropane	ND	1.0	0.18	µg/L							U
1,3-Dichloropropane	ND	0.50	0.13	µg/L							U
2,2-Dichloropropane	ND	1.0	0.33	µg/L							U
1,1-Dichloropropene	ND	2.0	0.15	µg/L							U
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L							U
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L							U
Diethyl Ether	ND	2.0	0.18	µg/L							U
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L							U
1,4-Dioxane	ND	50	21	µg/L							U
Ethylbenzene	ND	1.0	0.21	µg/L							U
Hexachlorobutadiene	ND	0.60	0.46	µg/L							U
2-Hexanone (MBK)	ND	10	1.1	µg/L							U
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L							U

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305903 - SW-846 5030B
Blank (B305903-BLK1)

Prepared & Analyzed: 04/15/22

p-Isopropyltoluene (p-Cymene)	ND	1.0	0.097	µg/L							U
Methyl Acetate	ND	1.0	0.45	µg/L							U
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L							U
Methyl Cyclohexane	ND	1.0	0.24	µg/L							U
Methylene Chloride	ND	5.0	0.23	µg/L							U
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L							U
Naphthalene	ND	2.0	0.24	µg/L							U
n-Propylbenzene	ND	1.0	0.086	µg/L							U
Styrene	ND	1.0	0.11	µg/L							U
1,1,1,2-Tetrachloroethane	ND	1.0	0.18	µg/L							U
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L							U
Tetrachloroethylene	ND	1.0	0.19	µg/L							U
Tetrahydrofuran	ND	10	0.49	µg/L							U
Toluene	ND	1.0	0.22	µg/L							U
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L							U
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L							U
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L							U
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L							U
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L							U
Trichloroethylene	ND	1.0	0.19	µg/L							U
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L							U
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.23	µg/L							U
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L							U
1,3,5-Trimethylbenzene	ND	1.0	0.11	µg/L							U
Vinyl Chloride	ND	2.0	0.21	µg/L							U
m+p Xylene	ND	2.0	0.46	µg/L							U
o-Xylene	ND	1.0	0.23	µg/L							U
Surrogate: 1,2-Dichloroethane-d4	20.2			µg/L	25.0		81.0	70-130			
Surrogate: Toluene-d8	23.4			µg/L	25.0		93.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.6			µg/L	25.0		98.4	70-130			

LCS (B305903-BS1)

Prepared & Analyzed: 04/15/22

Acetone	96.0	50	2.0	µg/L	100		96.0	70-160			†
Acrylonitrile	10.4	5.0	0.55	µg/L	10.0		104	70-130			
tert-Amyl Methyl Ether (TAME)	9.80	0.50	0.14	µg/L	10.0		98.0	70-130			
Benzene	10.1	1.0	0.20	µg/L	10.0		101	70-130			
Bromobenzene	10.7	1.0	0.15	µg/L	10.0		107	70-130			
Bromochloromethane	11.3	1.0	0.31	µg/L	10.0		113	70-130			
Bromodichloromethane	10.5	0.50	0.18	µg/L	10.0		105	70-130			
Bromoform	12.1	1.0	0.38	µg/L	10.0		121	70-130			
Bromomethane	16.2	2.0	1.5	µg/L	10.0		162	* 40-160		L-02, V-20, V-34	†
2-Butanone (MEK)	98.6	20	1.6	µg/L	100		98.6	40-160			†
tert-Butyl Alcohol (TBA)	111	20	4.7	µg/L	100		111	40-160			†
n-Butylbenzene	8.86	1.0	0.15	µg/L	10.0		88.6	70-130			
sec-Butylbenzene	9.55	1.0	0.11	µg/L	10.0		95.5	70-130			
tert-Butylbenzene	10.1	1.0	0.13	µg/L	10.0		101	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.55	0.50	0.15	µg/L	10.0		95.5	70-130			
Carbon Disulfide	90.8	5.0	1.4	µg/L	100		90.8	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305903 - SW-846 5030B											
LCS (B305903-BS1)					Prepared & Analyzed: 04/15/22						
Carbon Tetrachloride	10.8	5.0	0.16	µg/L	10.0		108	70-130			
Chlorobenzene	10.8	1.0	0.11	µg/L	10.0		108	70-130			
Chlorodibromomethane	11.3	0.50	0.22	µg/L	10.0		113	70-130			
Chloroethane	9.89	2.0	0.32	µg/L	10.0		98.9	70-130			
Chloroform	9.79	2.0	0.17	µg/L	10.0		97.9	70-130			
Chloromethane	4.36	2.0	0.52	µg/L	10.0		43.6	40-160			V-05, V-34 †
2-Chlorotoluene	10.8	1.0	0.11	µg/L	10.0		108	70-130			
4-Chlorotoluene	11.0	1.0	0.12	µg/L	10.0		110	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.48	5.0	0.80	µg/L	10.0		94.8	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	0.17	µg/L	10.0		109	70-130			
Dibromomethane	11.2	1.0	0.35	µg/L	10.0		112	70-130			
1,2-Dichlorobenzene	9.97	1.0	0.12	µg/L	10.0		99.7	70-130			
1,3-Dichlorobenzene	10.1	1.0	0.12	µg/L	10.0		101	70-130			
1,4-Dichlorobenzene	10.1	1.0	0.13	µg/L	10.0		101	70-130			
trans-1,4-Dichloro-2-butene	10.7	2.0	1.6	µg/L	10.0		107	70-130			
Dichlorodifluoromethane (Freon 12)	9.36	2.0	0.19	µg/L	10.0		93.6	40-160			†
1,1-Dichloroethane	9.88	1.0	0.14	µg/L	10.0		98.8	70-130			
1,2-Dichloroethane	10.8	1.0	0.31	µg/L	10.0		108	70-130			
1,1-Dichloroethylene	10.3	1.0	0.14	µg/L	10.0		103	70-130			
cis-1,2-Dichloroethylene	10.3	1.0	0.15	µg/L	10.0		103	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	0.17	µg/L	10.0		107	70-130			
1,2-Dichloropropane	10.5	1.0	0.18	µg/L	10.0		105	70-130			
1,3-Dichloropropane	10.4	0.50	0.13	µg/L	10.0		104	70-130			
2,2-Dichloropropane	10.0	1.0	0.33	µg/L	10.0		100	40-130			†
1,1-Dichloropropene	9.96	2.0	0.15	µg/L	10.0		99.6	70-130			
cis-1,3-Dichloropropene	9.98	0.50	0.16	µg/L	10.0		99.8	70-130			
trans-1,3-Dichloropropene	10.0	0.50	0.17	µg/L	10.0		100	70-130			
Diethyl Ether	8.82	2.0	0.18	µg/L	10.0		88.2	70-130			
Diisopropyl Ether (DIPE)	9.45	0.50	0.13	µg/L	10.0		94.5	70-130			
1,4-Dioxane	119	50	21	µg/L	100		119	40-130			†
Ethylbenzene	11.3	1.0	0.21	µg/L	10.0		113	70-130			
Hexachlorobutadiene	9.80	0.60	0.46	µg/L	10.0		98.0	70-130			
2-Hexanone (MBK)	108	10	1.1	µg/L	100		108	70-160			†
Isopropylbenzene (Cumene)	11.1	1.0	0.11	µg/L	10.0		111	70-130			
p-Isopropyltoluene (p-Cymene)	9.68	1.0	0.097	µg/L	10.0		96.8	70-130			
Methyl Acetate	9.16	1.0	0.45	µg/L	10.0		91.6	70-130			
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	0.17	µg/L	10.0		100	70-130			
Methyl Cyclohexane	10.3	1.0	0.24	µg/L	10.0		103	70-130			
Methylene Chloride	9.44	5.0	0.23	µg/L	10.0		94.4	70-130			
4-Methyl-2-pentanone (MIBK)	113	10	1.3	µg/L	100		113	70-160			†
Naphthalene	8.50	2.0	0.24	µg/L	10.0		85.0	40-130			†
n-Propylbenzene	10.7	1.0	0.086	µg/L	10.0		107	70-130			
Styrene	10.9	1.0	0.11	µg/L	10.0		109	70-130			
1,1,1,2-Tetrachloroethane	11.6	1.0	0.18	µg/L	10.0		116	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	0.13	µg/L	10.0		108	70-130			
Tetrachloroethylene	12.4	1.0	0.19	µg/L	10.0		124	70-130			V-06
Tetrahydrofuran	10.3	10	0.49	µg/L	10.0		103	70-130			
Toluene	11.4	1.0	0.22	µg/L	10.0		114	70-130			
1,2,3-Trichlorobenzene	8.79	5.0	0.30	µg/L	10.0		87.9	70-130			
1,2,4-Trichlorobenzene	9.36	1.0	0.25	µg/L	10.0		93.6	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305903 - SW-846 5030B
LCS (B305903-BS1)

Prepared & Analyzed: 04/15/22

1,3,5-Trichlorobenzene	9.29	1.0	0.21	µg/L	10.0		92.9	70-130			
1,1,1-Trichloroethane	10.2	1.0	0.17	µg/L	10.0		102	70-130			
1,1,2-Trichloroethane	10.8	1.0	0.18	µg/L	10.0		108	70-130			
Trichloroethylene	11.4	1.0	0.19	µg/L	10.0		114	70-130			
Trichlorofluoromethane (Freon 11)	8.93	2.0	0.18	µg/L	10.0		89.3	70-130			
1,2,3-Trichloropropane	11.9	2.0	0.28	µg/L	10.0		119	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	0.23	µg/L	10.0		107	70-130			
1,2,4-Trimethylbenzene	10.6	1.0	0.20	µg/L	10.0		106	70-130			
1,3,5-Trimethylbenzene	11.2	1.0	0.11	µg/L	10.0		112	70-130			
Vinyl Chloride	9.46	2.0	0.21	µg/L	10.0		94.6	40-160			†
m+p Xylene	23.7	2.0	0.46	µg/L	20.0		119	70-130			
o-Xylene	11.4	1.0	0.23	µg/L	10.0		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	20.5			µg/L	25.0		82.0	70-130			
Surrogate: Toluene-d8	23.8			µg/L	25.0		95.4	70-130			
Surrogate: 4-Bromofluorobenzene	25.2			µg/L	25.0		101	70-130			

LCS Dup (B305903-BSD1)

Prepared & Analyzed: 04/15/22

Acetone	95.0	50	2.0	µg/L	100		95.0	70-160	1.03	25	†
Acrylonitrile	10.5	5.0	0.55	µg/L	10.0		105	70-130	1.06	25	
tert-Amyl Methyl Ether (TAME)	9.79	0.50	0.14	µg/L	10.0		97.9	70-130	0.102	25	
Benzene	9.43	1.0	0.20	µg/L	10.0		94.3	70-130	6.56	25	
Bromobenzene	10.3	1.0	0.15	µg/L	10.0		103	70-130	3.71	25	
Bromochloromethane	11.5	1.0	0.31	µg/L	10.0		115	70-130	1.58	25	
Bromodichloromethane	10.6	0.50	0.18	µg/L	10.0		106	70-130	0.949	25	
Bromoform	12.1	1.0	0.38	µg/L	10.0		121	70-130	0.247	25	
Bromomethane	16.1	2.0	1.5	µg/L	10.0		161	* 40-160	0.930	25	L-02, V-20, V-34 †
2-Butanone (MEK)	96.2	20	1.6	µg/L	100		96.2	40-160	2.45	25	†
tert-Butyl Alcohol (TBA)	109	20	4.7	µg/L	100		109	40-160	1.62	25	†
n-Butylbenzene	9.20	1.0	0.15	µg/L	10.0		92.0	70-130	3.77	25	
sec-Butylbenzene	9.55	1.0	0.11	µg/L	10.0		95.5	70-130	0.00	25	
tert-Butylbenzene	9.83	1.0	0.13	µg/L	10.0		98.3	70-130	2.91	25	
tert-Butyl Ethyl Ether (TBEE)	9.31	0.50	0.15	µg/L	10.0		93.1	70-130	2.55	25	
Carbon Disulfide	91.6	5.0	1.4	µg/L	100		91.6	70-130	0.811	25	
Carbon Tetrachloride	10.9	5.0	0.16	µg/L	10.0		109	70-130	0.369	25	
Chlorobenzene	10.9	1.0	0.11	µg/L	10.0		109	70-130	0.553	25	
Chlorodibromomethane	11.1	0.50	0.22	µg/L	10.0		111	70-130	1.61	25	
Chloroethane	10.0	2.0	0.32	µg/L	10.0		100	70-130	1.51	25	
Chloroform	9.53	2.0	0.17	µg/L	10.0		95.3	70-130	2.69	25	
Chloromethane	4.46	2.0	0.52	µg/L	10.0		44.6	40-160	2.27	25	V-05, V-34 †
2-Chlorotoluene	10.6	1.0	0.11	µg/L	10.0		106	70-130	2.61	25	
4-Chlorotoluene	10.8	1.0	0.12	µg/L	10.0		108	70-130	1.19	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.87	5.0	0.80	µg/L	10.0		88.7	70-130	6.65	25	
1,2-Dibromoethane (EDB)	10.6	0.50	0.17	µg/L	10.0		106	70-130	2.51	25	
Dibromomethane	10.9	1.0	0.35	µg/L	10.0		109	70-130	2.54	25	
1,2-Dichlorobenzene	9.90	1.0	0.12	µg/L	10.0		99.0	70-130	0.705	25	
1,3-Dichlorobenzene	10.2	1.0	0.12	µg/L	10.0		102	70-130	1.28	25	
1,4-Dichlorobenzene	10.1	1.0	0.13	µg/L	10.0		101	70-130	0.198	25	
trans-1,4-Dichloro-2-butene	10.9	2.0	1.6	µg/L	10.0		109	70-130	1.39	25	
Dichlorodifluoromethane (Freon 12)	9.53	2.0	0.19	µg/L	10.0		95.3	40-160	1.80	25	†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305903 - SW-846 5030B											
LCS Dup (B305903-BSD1)					Prepared & Analyzed: 04/15/22						
1,1-Dichloroethane	9.84	1.0	0.14	µg/L	10.0		98.4	70-130	0.406	25	
1,2-Dichloroethane	10.8	1.0	0.31	µg/L	10.0		108	70-130	0.0927	25	
1,1-Dichloroethylene	10.7	1.0	0.14	µg/L	10.0		107	70-130	3.81	25	
cis-1,2-Dichloroethylene	10.1	1.0	0.15	µg/L	10.0		101	70-130	2.05	25	
trans-1,2-Dichloroethylene	10.4	1.0	0.17	µg/L	10.0		104	70-130	2.65	25	
1,2-Dichloropropane	10.6	1.0	0.18	µg/L	10.0		106	70-130	1.13	25	
1,3-Dichloropropane	10.4	0.50	0.13	µg/L	10.0		104	70-130	0.193	25	
2,2-Dichloropropane	10.1	1.0	0.33	µg/L	10.0		101	40-130	0.397	25	†
1,1-Dichloropropene	9.76	2.0	0.15	µg/L	10.0		97.6	70-130	2.03	25	
cis-1,3-Dichloropropene	9.60	0.50	0.16	µg/L	10.0		96.0	70-130	3.88	25	
trans-1,3-Dichloropropene	9.48	0.50	0.17	µg/L	10.0		94.8	70-130	5.34	25	
Diethyl Ether	8.80	2.0	0.18	µg/L	10.0		88.0	70-130	0.227	25	
Diisopropyl Ether (DIPE)	9.20	0.50	0.13	µg/L	10.0		92.0	70-130	2.68	25	
1,4-Dioxane	114	50	21	µg/L	100		114	40-130	4.17	50	† ‡
Ethylbenzene	10.8	1.0	0.21	µg/L	10.0		108	70-130	4.61	25	
Hexachlorobutadiene	10.0	0.60	0.46	µg/L	10.0		100	70-130	2.12	25	
2-Hexanone (MBK)	108	10	1.1	µg/L	100		108	70-160	0.138	25	†
Isopropylbenzene (Cumene)	11.1	1.0	0.11	µg/L	10.0		111	70-130	0.0900	25	
p-Isopropyltoluene (p-Cymene)	9.86	1.0	0.097	µg/L	10.0		98.6	70-130	1.84	25	
Methyl Acetate	9.41	1.0	0.45	µg/L	10.0		94.1	70-130	2.69	25	
Methyl tert-Butyl Ether (MTBE)	9.59	1.0	0.17	µg/L	10.0		95.9	70-130	4.29	25	
Methyl Cyclohexane	10.4	1.0	0.24	µg/L	10.0		104	70-130	0.193	25	
Methylene Chloride	9.24	5.0	0.23	µg/L	10.0		92.4	70-130	2.14	25	
4-Methyl-2-pentanone (MIBK)	111	10	1.3	µg/L	100		111	70-160	1.65	25	†
Naphthalene	8.43	2.0	0.24	µg/L	10.0		84.3	40-130	0.827	25	†
n-Propylbenzene	10.6	1.0	0.086	µg/L	10.0		106	70-130	1.69	25	
Styrene	10.9	1.0	0.11	µg/L	10.0		109	70-130	0.458	25	
1,1,1,2-Tetrachloroethane	11.5	1.0	0.18	µg/L	10.0		115	70-130	1.13	25	
1,1,2,2-Tetrachloroethane	10.5	0.50	0.13	µg/L	10.0		105	70-130	2.54	25	
Tetrachloroethylene	12.7	1.0	0.19	µg/L	10.0		127	70-130	2.31	25	V-06
Tetrahydrofuran	10.1	10	0.49	µg/L	10.0		101	70-130	2.06	25	
Toluene	10.6	1.0	0.22	µg/L	10.0		106	70-130	6.55	25	
1,2,3-Trichlorobenzene	8.66	5.0	0.30	µg/L	10.0		86.6	70-130	1.49	25	
1,2,4-Trichlorobenzene	9.81	1.0	0.25	µg/L	10.0		98.1	70-130	4.69	25	
1,3,5-Trichlorobenzene	9.57	1.0	0.21	µg/L	10.0		95.7	70-130	2.97	25	
1,1,1-Trichloroethane	10.4	1.0	0.17	µg/L	10.0		104	70-130	2.33	25	
1,1,2-Trichloroethane	10.5	1.0	0.18	µg/L	10.0		105	70-130	2.53	25	
Trichloroethylene	11.4	1.0	0.19	µg/L	10.0		114	70-130	0.701	25	
Trichlorofluoromethane (Freon 11)	9.63	2.0	0.18	µg/L	10.0		96.3	70-130	7.54	25	
1,2,3-Trichloropropane	12.0	2.0	0.28	µg/L	10.0		120	70-130	0.419	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	0.23	µg/L	10.0		106	70-130	0.282	25	
1,2,4-Trimethylbenzene	9.49	1.0	0.20	µg/L	10.0		94.9	70-130	11.0	25	
1,3,5-Trimethylbenzene	11.1	1.0	0.11	µg/L	10.0		111	70-130	1.07	25	
Vinyl Chloride	10.0	2.0	0.21	µg/L	10.0		100	40-160	5.55	25	†
m+p Xylene	22.1	2.0	0.46	µg/L	20.0		111	70-130	7.02	25	
o-Xylene	10.8	1.0	0.23	µg/L	10.0		108	70-130	5.87	25	
Surrogate: 1,2-Dichloroethane-d4	19.6			µg/L	25.0		78.5	70-130			
Surrogate: Toluene-d8	23.4			µg/L	25.0		93.6	70-130			
Surrogate: 4-Bromofluorobenzene	25.0			µg/L	25.0		100	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
Blank (B305914-BLK1)						Prepared & Analyzed: 04/15/22					
Acetone	ND	0.10	0.0092	mg/Kg wet							U
Acrylonitrile	ND	0.0060	0.0009	mg/Kg wet							U
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.0003	mg/Kg wet							U
Benzene	ND	0.0020	0.0005	mg/Kg wet							U
Bromobenzene	ND	0.0020	0.0003	mg/Kg wet							U
Bromochloromethane	ND	0.0020	0.0008	mg/Kg wet							U
Bromodichloromethane	ND	0.0020	0.0004	mg/Kg wet							U
Bromoform	ND	0.0020	0.0006	mg/Kg wet							U
Bromomethane	ND	0.010	0.0016	mg/Kg wet							V-34, U
2-Butanone (MEK)	ND	0.040	0.0057	mg/Kg wet							U
tert-Butyl Alcohol (TBA)	ND	0.10	0.046	mg/Kg wet							V-05, U
n-Butylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
sec-Butylbenzene	ND	0.0020	0.0009	mg/Kg wet							U
tert-Butylbenzene	ND	0.0020	0.0007	mg/Kg wet							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.0004	mg/Kg wet							U
Carbon Disulfide	ND	0.010	0.0070	mg/Kg wet							U
Carbon Tetrachloride	ND	0.0020	0.0008	mg/Kg wet							U
Chlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
Chlorodibromomethane	ND	0.0010	0.0005	mg/Kg wet							U
Chloroethane	ND	0.020	0.0012	mg/Kg wet							U
Chloroform	ND	0.0040	0.0005	mg/Kg wet							U
Chloromethane	ND	0.010	0.0010	mg/Kg wet							U
2-Chlorotoluene	ND	0.0020	0.0005	mg/Kg wet							U
4-Chlorotoluene	ND	0.0020	0.0004	mg/Kg wet							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.0008	mg/Kg wet							U
1,2-Dibromoethane (EDB)	ND	0.0010	0.0006	mg/Kg wet							U
Dibromomethane	ND	0.0020	0.0007	mg/Kg wet							U
1,2-Dichlorobenzene	ND	0.0020	0.0004	mg/Kg wet							U
1,3-Dichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,4-Dichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
Blank (B305914-BLK1)						Prepared & Analyzed: 04/15/22					
trans-1,4-Dichloro-2-butene	ND	0.0040	0.0007	mg/Kg wet							U
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg wet							U
1,1-Dichloroethane	ND	0.0020	0.0006	mg/Kg wet							U
1,2-Dichloroethane	ND	0.0020	0.0006	mg/Kg wet							U
1,1-Dichloroethylene	ND	0.0040	0.0007	mg/Kg wet							U
cis-1,2-Dichloroethylene	ND	0.0020	0.0005	mg/Kg wet							U
trans-1,2-Dichloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
1,2-Dichloropropane	ND	0.0020	0.0005	mg/Kg wet							U
1,3-Dichloropropane	ND	0.0010	0.0005	mg/Kg wet							U
2,2-Dichloropropane	ND	0.0020	0.0008	mg/Kg wet							U
1,1-Dichloropropene	ND	0.0020	0.0009	mg/Kg wet							U
cis-1,3-Dichloropropene	ND	0.0010	0.0005	mg/Kg wet							U
trans-1,3-Dichloropropene	ND	0.0010	0.0005	mg/Kg wet							U
Diethyl Ether	ND	0.020	0.0007	mg/Kg wet							U
Diisopropyl Ether (DIPE)	ND	0.0010	0.0005	mg/Kg wet							U
1,4-Dioxane	ND	0.10	0.035	mg/Kg wet							U
Ethylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
Hexachlorobutadiene	ND	0.0020	0.0007	mg/Kg wet							U
2-Hexanone (MBK)	ND	0.020	0.0057	mg/Kg wet							U
Isopropylbenzene (Cumene)	ND	0.0020	0.0007	mg/Kg wet							U
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.0005	mg/Kg wet							U
Methyl Acetate	ND	0.0020	0.0015	mg/Kg wet							U
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.0003	mg/Kg wet							U
Methyl Cyclohexane	ND	0.0020	0.0007	mg/Kg wet							U
Methylene Chloride	ND	0.020	0.0015	mg/Kg wet							U
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0042	mg/Kg wet							U
Naphthalene	ND	0.0040	0.0005	mg/Kg wet							U
n-Propylbenzene	ND	0.0020	0.0004	mg/Kg wet							U
Styrene	ND	0.0020	0.0004	mg/Kg wet							U
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0005	mg/Kg wet							U

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
Blank (B305914-BLK1)						Prepared & Analyzed: 04/15/22					
1,1,2,2-Tetrachloroethane	ND	0.0010	0.0005	mg/Kg wet							U
Tetrachloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
Tetrahydrofuran	ND	0.010	0.0034	mg/Kg wet							U
Toluene	ND	0.0020	0.0005	mg/Kg wet							U
1,2,3-Trichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,2,4-Trichlorobenzene	ND	0.0020	0.0004	mg/Kg wet							U
1,3,5-Trichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,1,1-Trichloroethane	ND	0.0020	0.0008	mg/Kg wet							U
1,1,2-Trichloroethane	ND	0.0020	0.0004	mg/Kg wet							U
Trichloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
Trichlorofluoromethane (Freon 11)	ND	0.010	0.0004	mg/Kg wet							U
1,2,3-Trichloropropane	ND	0.0020	0.0010	mg/Kg wet							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.0006	mg/Kg wet							U
1,2,4-Trimethylbenzene	ND	0.0020	0.0006	mg/Kg wet							U
1,3,5-Trimethylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
Vinyl Chloride	ND	0.010	0.0006	mg/Kg wet							U
m+p Xylene	ND	0.0040	0.0013	mg/Kg wet							U
o-Xylene	ND	0.0020	0.0004	mg/Kg wet							U
Surrogate: 1,2-Dichloroethane-d4	0.0484			mg/Kg wet	0.0500		96.8	70-130			
Surrogate: Toluene-d8	0.0498			mg/Kg wet	0.0500		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0501			mg/Kg wet	0.0500		100	70-130			
LCS (B305914-BS1)						Prepared & Analyzed: 04/15/22					
Acetone	0.201	0.10	0.0092	mg/Kg wet	0.200		100	70-160			†
Acrylonitrile	0.0184	0.0060	0.0009	mg/Kg wet	0.0200		92.0	70-130			
tert-Amyl Methyl Ether (TAME)	0.0176	0.0010	0.0003	mg/Kg wet	0.0200		88.2	70-130			
Benzene	0.0199	0.0020	0.0005	mg/Kg wet	0.0200		99.4	70-130			
Bromobenzene	0.0192	0.0020	0.0003	mg/Kg wet	0.0200		95.8	70-130			
Bromochloromethane	0.0194	0.0020	0.0008	mg/Kg wet	0.0200		97.0	70-130			
Bromodichloromethane	0.0194	0.0020	0.0004	mg/Kg wet	0.0200		96.8	70-130			
Bromoform	0.0222	0.0020	0.0006	mg/Kg wet	0.0200		111	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
LCS (B305914-BS1)						Prepared & Analyzed: 04/15/22					
Bromomethane	0.0199	0.010	0.0016	mg/Kg wet	0.0200		99.3	40-130			V-34 †
2-Butanone (MEK)	0.183	0.040	0.0057	mg/Kg wet	0.200		91.4	70-160			†
tert-Butyl Alcohol (TBA)	0.122	0.10	0.046	mg/Kg wet	0.200		60.9	40-130			V-05 †
n-Butylbenzene	0.0166	0.0020	0.0005	mg/Kg wet	0.0200		82.8	70-130			
sec-Butylbenzene	0.0163	0.0020	0.0009	mg/Kg wet	0.0200		81.3	70-130			
tert-Butylbenzene	0.0170	0.0020	0.0007	mg/Kg wet	0.0200		85.0	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0174	0.0010	0.0004	mg/Kg wet	0.0200		86.9	70-130			
Carbon Disulfide	0.217	0.010	0.0070	mg/Kg wet	0.200		109	70-130			
Carbon Tetrachloride	0.0202	0.0020	0.0008	mg/Kg wet	0.0200		101	70-130			
Chlorobenzene	0.0216	0.0020	0.0005	mg/Kg wet	0.0200		108	70-130			
Chlorodibromomethane	0.0212	0.0010	0.0005	mg/Kg wet	0.0200		106	70-130			
Chloroethane	0.0172	0.020	0.0012	mg/Kg wet	0.0200		86.1	70-130			J
Chloroform	0.0191	0.0040	0.0005	mg/Kg wet	0.0200		95.5	70-130			
Chloromethane	0.0202	0.010	0.0010	mg/Kg wet	0.0200		101	70-130			
2-Chlorotoluene	0.0200	0.0020	0.0005	mg/Kg wet	0.0200		100	70-130			
4-Chlorotoluene	0.0200	0.0020	0.0004	mg/Kg wet	0.0200		100	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0159	0.0020	0.0008	mg/Kg wet	0.0200		79.6	70-130			
1,2-Dibromoethane (EDB)	0.0195	0.0010	0.0006	mg/Kg wet	0.0200		97.5	70-130			
Dibromomethane	0.0213	0.0020	0.0007	mg/Kg wet	0.0200		107	70-130			
1,2-Dichlorobenzene	0.0171	0.0020	0.0004	mg/Kg wet	0.0200		85.7	70-130			
1,3-Dichlorobenzene	0.0174	0.0020	0.0005	mg/Kg wet	0.0200		86.9	70-130			
1,4-Dichlorobenzene	0.0166	0.0020	0.0005	mg/Kg wet	0.0200		82.8	70-130			
trans-1,4-Dichloro-2-butene	0.0174	0.0040	0.0007	mg/Kg wet	0.0200		86.8	70-130			
Dichlorodifluoromethane (Freon 12)	0.0195	0.020	0.0011	mg/Kg wet	0.0200		97.7	40-160			J †
1,1-Dichloroethane	0.0203	0.0020	0.0006	mg/Kg wet	0.0200		101	70-130			
1,2-Dichloroethane	0.0201	0.0020	0.0006	mg/Kg wet	0.0200		100	70-130			
1,1-Dichloroethylene	0.0242	0.0040	0.0007	mg/Kg wet	0.0200		121	70-130			V-20
cis-1,2-Dichloroethylene	0.0205	0.0020	0.0005	mg/Kg wet	0.0200		103	70-130			
trans-1,2-Dichloroethylene	0.0206	0.0020	0.0006	mg/Kg wet	0.0200		103	70-130			
1,2-Dichloropropane	0.0203	0.0020	0.0005	mg/Kg wet	0.0200		101	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
LCS (B305914-BS1)						Prepared & Analyzed: 04/15/22					
1,3-Dichloropropane	0.0201	0.0010	0.0005	mg/Kg wet	0.0200		100	70-130			
2,2-Dichloropropane	0.0206	0.0020	0.0008	mg/Kg wet	0.0200		103	70-130			
1,1-Dichloropropene	0.0188	0.0020	0.0009	mg/Kg wet	0.0200		94.1	70-130			
cis-1,3-Dichloropropene	0.0189	0.0010	0.0005	mg/Kg wet	0.0200		94.6	70-130			
trans-1,3-Dichloropropene	0.0179	0.0010	0.0005	mg/Kg wet	0.0200		89.7	70-130			
Diethyl Ether	0.0229	0.020	0.0007	mg/Kg wet	0.0200		114	70-130			
Diisopropyl Ether (DIPE)	0.0182	0.0010	0.0005	mg/Kg wet	0.0200		91.2	70-130			
1,4-Dioxane	0.194	0.10	0.035	mg/Kg wet	0.200		97.1	40-160			†
Ethylbenzene	0.0203	0.0020	0.0005	mg/Kg wet	0.0200		102	70-130			
Hexachlorobutadiene	0.0169	0.0020	0.0007	mg/Kg wet	0.0200		84.3	70-160			
2-Hexanone (MBK)	0.183	0.020	0.0057	mg/Kg wet	0.200		91.6	70-160			†
Isopropylbenzene (Cumene)	0.0199	0.0020	0.0007	mg/Kg wet	0.0200		99.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.0170	0.0020	0.0005	mg/Kg wet	0.0200		84.8	70-130			
Methyl Acetate	0.0163	0.0020	0.0015	mg/Kg wet	0.0200		81.6	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0196	0.0040	0.0003	mg/Kg wet	0.0200		97.8	70-130			
Methyl Cyclohexane	0.0190	0.0020	0.0007	mg/Kg wet	0.0200		95.1	70-130			
Methylene Chloride	0.0205	0.020	0.0015	mg/Kg wet	0.0200		103	40-160			†
4-Methyl-2-pentanone (MIBK)	0.181	0.020	0.0042	mg/Kg wet	0.200		90.7	70-160			†
Naphthalene	0.0164	0.0040	0.0005	mg/Kg wet	0.0200		82.0	40-130			†
n-Propylbenzene	0.0205	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130			
Styrene	0.0201	0.0020	0.0004	mg/Kg wet	0.0200		101	70-130			
1,1,1,2-Tetrachloroethane	0.0203	0.0020	0.0005	mg/Kg wet	0.0200		101	70-130			
1,1,2,2-Tetrachloroethane	0.0201	0.0010	0.0005	mg/Kg wet	0.0200		100	70-130			
Tetrachloroethylene	0.0207	0.0020	0.0006	mg/Kg wet	0.0200		103	70-130			
Tetrahydrofuran	0.0174	0.010	0.0034	mg/Kg wet	0.0200		87.0	70-130			
Toluene	0.0207	0.0020	0.0005	mg/Kg wet	0.0200		103	70-130			
1,2,3-Trichlorobenzene	0.0181	0.0020	0.0005	mg/Kg wet	0.0200		90.3	70-130			
1,2,4-Trichlorobenzene	0.0179	0.0020	0.0004	mg/Kg wet	0.0200		89.3	70-130			
1,3,5-Trichlorobenzene	0.0187	0.0020	0.0005	mg/Kg wet	0.0200		93.6	70-130			
1,1,1-Trichloroethane	0.0192	0.0020	0.0008	mg/Kg wet	0.0200		96.2	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
LCS (B305914-BS1)						Prepared & Analyzed: 04/15/22					
1,1,2-Trichloroethane	0.0205	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130			
Trichloroethylene	0.0199	0.0020	0.0006	mg/Kg wet	0.0200		99.4	70-130			
Trichlorofluoromethane (Freon 11)	0.0263	0.010	0.0004	mg/Kg wet	0.0200		132	* 70-130			L-02, V-20
1,2,3-Trichloropropane	0.0193	0.0020	0.0010	mg/Kg wet	0.0200		96.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0264	0.010	0.0006	mg/Kg wet	0.0200		132	* 70-130			L-02, V-20
1,2,4-Trimethylbenzene	0.0160	0.0020	0.0006	mg/Kg wet	0.0200		80.0	70-130			
1,3,5-Trimethylbenzene	0.0200	0.0020	0.0005	mg/Kg wet	0.0200		99.8	70-130			
Vinyl Chloride	0.0252	0.010	0.0006	mg/Kg wet	0.0200		126	40-130			†
m+p Xylene	0.0364	0.0040	0.0013	mg/Kg wet	0.0400		91.0	70-130			
o-Xylene	0.0199	0.0020	0.0004	mg/Kg wet	0.0200		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0453			mg/Kg wet	0.0500		90.6	70-130			
Surrogate: Toluene-d8	0.0498			mg/Kg wet	0.0500		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0506			mg/Kg wet	0.0500		101	70-130			
LCS Dup (B305914-BSD1)						Prepared & Analyzed: 04/15/22					
Acetone	0.221	0.10	0.0092	mg/Kg wet	0.200		111	70-160	9.70	25	†
Acrylonitrile	0.0207	0.0060	0.0009	mg/Kg wet	0.0200		103	70-130	11.8	25	
tert-Amyl Methyl Ether (TAME)	0.0187	0.0010	0.0003	mg/Kg wet	0.0200		93.4	70-130	5.79	25	
Benzene	0.0209	0.0020	0.0005	mg/Kg wet	0.0200		104	70-130	4.82	25	
Bromobenzene	0.0204	0.0020	0.0003	mg/Kg wet	0.0200		102	70-130	6.10	25	
Bromochloromethane	0.0208	0.0020	0.0008	mg/Kg wet	0.0200		104	70-130	6.78	25	
Bromodichloromethane	0.0204	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130	5.03	25	
Bromoform	0.0232	0.0020	0.0006	mg/Kg wet	0.0200		116	70-130	4.38	25	
Bromomethane	0.0201	0.010	0.0016	mg/Kg wet	0.0200		100	40-130	1.08	25	V-34 †
2-Butanone (MEK)	0.199	0.040	0.0057	mg/Kg wet	0.200		99.5	70-160	8.48	25	†
tert-Butyl Alcohol (TBA)	0.127	0.10	0.046	mg/Kg wet	0.200		63.7	40-130	4.50	25	V-05 †
n-Butylbenzene	0.0179	0.0020	0.0005	mg/Kg wet	0.0200		89.4	70-130	7.65	25	
sec-Butylbenzene	0.0179	0.0020	0.0009	mg/Kg wet	0.0200		89.3	70-130	9.40	25	
tert-Butylbenzene	0.0188	0.0020	0.0007	mg/Kg wet	0.0200		93.8	70-160	9.81	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0183	0.0010	0.0004	mg/Kg wet	0.0200		91.5	70-130	5.21	25	
Carbon Disulfide	0.228	0.010	0.0070	mg/Kg wet	0.200		114	70-130	4.71	25	

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
LCS Dup (B305914-BSD1)						Prepared & Analyzed: 04/15/22					
Carbon Tetrachloride	0.0207	0.0020	0.0008	mg/Kg wet	0.0200		104	70-130	2.74	25	
Chlorobenzene	0.0227	0.0020	0.0005	mg/Kg wet	0.0200		114	70-130	4.96	25	
Chlorodibromomethane	0.0216	0.0010	0.0005	mg/Kg wet	0.0200		108	70-130	1.78	25	
Chloroethane	0.0170	0.020	0.0012	mg/Kg wet	0.0200		85.2	70-130	1.04	25	J
Chloroform	0.0199	0.0040	0.0005	mg/Kg wet	0.0200		99.3	70-130	3.90	25	
Chloromethane	0.0226	0.010	0.0010	mg/Kg wet	0.0200		113	70-130	11.0	25	
2-Chlorotoluene	0.0207	0.0020	0.0005	mg/Kg wet	0.0200		104	70-130	3.48	25	
4-Chlorotoluene	0.0216	0.0020	0.0004	mg/Kg wet	0.0200		108	70-130	7.56	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0170	0.0020	0.0008	mg/Kg wet	0.0200		85.0	70-130	6.59	25	
1,2-Dibromoethane (EDB)	0.0197	0.0010	0.0006	mg/Kg wet	0.0200		98.5	70-130	0.980	25	
Dibromomethane	0.0221	0.0020	0.0007	mg/Kg wet	0.0200		110	70-130	3.46	25	
1,2-Dichlorobenzene	0.0194	0.0020	0.0004	mg/Kg wet	0.0200		97.1	70-130	12.5	25	
1,3-Dichlorobenzene	0.0193	0.0020	0.0005	mg/Kg wet	0.0200		96.3	70-130	10.3	25	
1,4-Dichlorobenzene	0.0193	0.0020	0.0005	mg/Kg wet	0.0200		96.7	70-130	15.5	25	
trans-1,4-Dichloro-2-butene	0.0187	0.0040	0.0007	mg/Kg wet	0.0200		93.6	70-130	7.57	25	
Dichlorodifluoromethane (Freon 12)	0.0216	0.020	0.0011	mg/Kg wet	0.0200		108	40-160	9.95	25	†
1,1-Dichloroethane	0.0208	0.0020	0.0006	mg/Kg wet	0.0200		104	70-130	2.36	25	
1,2-Dichloroethane	0.0210	0.0020	0.0006	mg/Kg wet	0.0200		105	70-130	4.60	25	
1,1-Dichloroethylene	0.0252	0.0040	0.0007	mg/Kg wet	0.0200		126	70-130	4.05	25	V-20
cis-1,2-Dichloroethylene	0.0210	0.0020	0.0005	mg/Kg wet	0.0200		105	70-130	2.37	25	
trans-1,2-Dichloroethylene	0.0209	0.0020	0.0006	mg/Kg wet	0.0200		104	70-130	1.51	25	
1,2-Dichloropropane	0.0204	0.0020	0.0005	mg/Kg wet	0.0200		102	70-130	0.658	25	
1,3-Dichloropropane	0.0200	0.0010	0.0005	mg/Kg wet	0.0200		99.9	70-130	0.579	25	
2,2-Dichloropropane	0.0216	0.0020	0.0008	mg/Kg wet	0.0200		108	70-130	4.93	25	
1,1-Dichloropropene	0.0196	0.0020	0.0009	mg/Kg wet	0.0200		98.2	70-130	4.22	25	
cis-1,3-Dichloropropene	0.0197	0.0010	0.0005	mg/Kg wet	0.0200		98.3	70-130	3.86	25	
trans-1,3-Dichloropropene	0.0196	0.0010	0.0005	mg/Kg wet	0.0200		98.1	70-130	8.91	25	
Diethyl Ether	0.0226	0.020	0.0007	mg/Kg wet	0.0200		113	70-130	1.24	25	
Diisopropyl Ether (DIPE)	0.0191	0.0010	0.0005	mg/Kg wet	0.0200		95.4	70-130	4.53	25	
1,4-Dioxane	0.195	0.10	0.035	mg/Kg wet	0.200		97.7	40-160	0.622	50	† ‡

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305914 - SW-846 5035											
LCS Dup (B305914-BSD1)						Prepared & Analyzed: 04/15/22					
Ethylbenzene	0.0212	0.0020	0.0005	mg/Kg wet	0.0200		106	70-130	4.32	25	
Hexachlorobutadiene	0.0183	0.0020	0.0007	mg/Kg wet	0.0200		91.4	70-160	7.99	25	
2-Hexanone (MBK)	0.190	0.020	0.0057	mg/Kg wet	0.200		95.0	70-160	3.72	25	†
Isopropylbenzene (Cumene)	0.0211	0.0020	0.0007	mg/Kg wet	0.0200		105	70-130	5.71	25	
p-Isopropyltoluene (p-Cymene)	0.0182	0.0020	0.0005	mg/Kg wet	0.0200		91.1	70-130	7.19	25	
Methyl Acetate	0.0169	0.0020	0.0015	mg/Kg wet	0.0200		84.5	70-130	3.53	25	
Methyl tert-Butyl Ether (MTBE)	0.0205	0.0040	0.0003	mg/Kg wet	0.0200		103	70-130	4.72	25	
Methyl Cyclohexane	0.0200	0.0020	0.0007	mg/Kg wet	0.0200		99.9	70-130	4.95	25	
Methylene Chloride	0.0207	0.020	0.0015	mg/Kg wet	0.0200		103	40-160	0.796	25	†
4-Methyl-2-pentanone (MIBK)	0.186	0.020	0.0042	mg/Kg wet	0.200		93.0	70-160	2.49	25	†
Naphthalene	0.0180	0.0040	0.0005	mg/Kg wet	0.0200		90.1	40-130	9.36	25	†
n-Propylbenzene	0.0210	0.0020	0.0004	mg/Kg wet	0.0200		105	70-130	2.68	25	
Styrene	0.0209	0.0020	0.0004	mg/Kg wet	0.0200		104	70-130	3.62	25	
1,1,1,2-Tetrachloroethane	0.0211	0.0020	0.0005	mg/Kg wet	0.0200		106	70-130	4.09	25	
1,1,2,2-Tetrachloroethane	0.0207	0.0010	0.0005	mg/Kg wet	0.0200		104	70-130	3.32	25	
Tetrachloroethylene	0.0219	0.0020	0.0006	mg/Kg wet	0.0200		109	70-130	5.55	25	
Tetrahydrofuran	0.0182	0.010	0.0034	mg/Kg wet	0.0200		90.8	70-130	4.31	25	
Toluene	0.0211	0.0020	0.0005	mg/Kg wet	0.0200		106	70-130	2.02	25	
1,2,3-Trichlorobenzene	0.0203	0.0020	0.0005	mg/Kg wet	0.0200		102	70-130	11.8	25	
1,2,4-Trichlorobenzene	0.0196	0.0020	0.0004	mg/Kg wet	0.0200		98.0	70-130	9.26	25	
1,3,5-Trichlorobenzene	0.0193	0.0020	0.0005	mg/Kg wet	0.0200		96.6	70-130	3.15	25	
1,1,1-Trichloroethane	0.0203	0.0020	0.0008	mg/Kg wet	0.0200		102	70-130	5.57	25	
1,1,2-Trichloroethane	0.0208	0.0020	0.0004	mg/Kg wet	0.0200		104	70-130	1.46	25	
Trichloroethylene	0.0206	0.0020	0.0006	mg/Kg wet	0.0200		103	70-130	3.32	25	
Trichlorofluoromethane (Freon 11)	0.0267	0.010	0.0004	mg/Kg wet	0.0200		133	* 70-130	1.37	25	L-02, V-20
1,2,3-Trichloropropane	0.0207	0.0020	0.0010	mg/Kg wet	0.0200		104	70-130	7.06	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0271	0.010	0.0006	mg/Kg wet	0.0200		136	* 70-130	2.56	25	L-02, V-20
1,2,4-Trimethylbenzene	0.0174	0.0020	0.0006	mg/Kg wet	0.0200		87.2	70-130	8.58	25	
1,3,5-Trimethylbenzene	0.0205	0.0020	0.0005	mg/Kg wet	0.0200		102	70-130	2.48	25	
Vinyl Chloride	0.0262	0.010	0.0006	mg/Kg wet	0.0200		131	* 40-130	4.05	25	L-07 †

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B305914 - SW-846 5035
LCS Dup (B305914-BSD1)

Prepared & Analyzed: 04/15/22

m+p Xylene	0.0377	0.0040	0.0013	mg/Kg wet	0.0400		94.3	70-130	3.61	25	
o-Xylene	0.0205	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130	2.98	25	
Surrogate: 1,2-Dichloroethane-d4	0.0467			mg/Kg wet	0.0500		93.4	70-130			
Surrogate: Toluene-d8	0.0500			mg/Kg wet	0.0500		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.0508			mg/Kg wet	0.0500		102	70-130			

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QUALITY CONTROL
Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B305872 - SW-846 5030B											
Blank (B305872-BLK1)						Prepared: 04/15/22 Analyzed: 04/16/22					
Gasoline Range Organics (GRO)	0.36	1.0	0.35	mg/Kg wet							J
Surrogate: 1-Chloro-3-fluorobenzene	13.9			µg/L	15.0		92.5	70-130			
LCS (B305872-BS1)						Prepared: 04/15/22 Analyzed: 04/16/22					
Gasoline Range Organics (GRO)	0.239	0.010	0.0035	mg/Kg wet	0.250		95.7	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	13.3			µg/L	15.0		88.4	70-130			
LCS Dup (B305872-BSD1)						Prepared: 04/15/22 Analyzed: 04/16/22					
Gasoline Range Organics (GRO)	0.250	0.010	0.0035	mg/Kg wet	0.250		100	80-120	4.33	30	
Surrogate: 1-Chloro-3-fluorobenzene	14.0			µg/L	15.0		93.1	70-130			
Batch B306053 - SW-846 5030B											
Blank (B306053-BLK1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.54	1.0	0.35	mg/Kg wet							J
Surrogate: 1-Chloro-3-fluorobenzene	13.8			µg/L	15.0		91.9	70-130			
LCS (B306053-BS1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.280	0.010	0.0035	mg/Kg wet	0.250		112	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	14.8			µg/L	15.0		99.0	70-130			
LCS Dup (B306053-BSD1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.285	0.010	0.0035	mg/Kg wet	0.250		114	80-120	1.44	30	
Surrogate: 1-Chloro-3-fluorobenzene	12.9			µg/L	15.0		86.3	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
U	Analyte included in the analysis, but not detected
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8015C in Soil</i>	
Gasoline Range Organics (GRO)	NY,VA,NH,NC
<i>SW-846 8260D in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
tert-Butyl Alcohol (TBA)	NY,ME
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromoethane (EDB)	NH,NY
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Diethyl Ether	ME
1,4-Dioxane	NY,ME
Ethylbenzene	CT,NH,NY,ME,VA

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Soil</i>	
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY,ME
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022



Pace Analytical®

Fax: 413-525-6405

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5 07/13/2021

Page 1 of 1

Access COC's and Support Requests

Company Name: Wilcox & Barton, Inc
Address: 113 Commons Dr. Unit 12B Londonderry
Phone: 603-369-4140
Project Name: DIRT2013
Project Location: 1921 Dover Rd. Epsom NH
Project Number: DIRT2013
Project Manager: R. Barton
Pace Quote Name/Number:
Invoice Recipient:
Sampled By: R. Barton

Requested Turnaround Time		Dissolved Metals Samples	
7-Day ☐	10-Day ☐	☐ Field Filtered	
PFAS 10-Day (std) ☐	Due Date: <u>5-day</u>	☐ Lab to Filter	
Rush-Approval Required		Orthophosphate Samples	
1-Day ☐	3-Day ☐	☐ Field Filtered	
2-Day ☐	4-Day ☐	☐ Lab to Filter	
Data Delivery			
Format: PDF ☒ EXCEL ☒		<u>PCB ONLY</u>	
Other: _____		SOXHLET ☐	
CLP Like Data Pkg Required: ☐			
Email To: <u>rbarton@wilcoxon.com</u>		NON SOXHLET ☐	
Fax To #: _____			

ANALYSIS REQUESTED

[illegible]

2 Preservation Code

Courier Use Only

Total Number Of:

VIALS _____

GLASS _____

PLASTIC _____

BACTERIA _____

ENCORE _____

Glassware in the fridge?

Y/N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Pace Analytical is not responsible for missing samples from prepacked coolers.

1 Matrix Codes:
 GW = Ground Water
 WW = Waste Water
 DW = Drinking Water
 A = Air
 S = Soil
 SL = Sludge
 SOL = Solid
 O = Other (please
 define)

² Preservation Codes:
1 = iced

H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium
Thiosulfate
O = Other (please
define)

Relinquished by: (signature) <i>Deborah Brown</i>	Date/Time: 4/14/22	Client Comments: A			
Received by: (signature) <i>Tracy Webb</i>	Date/Time: 4/14/22 11:20				
Relinquished by: (signature) <i>Deborah Brown</i>	Date/Time: 4/14/22 11:05	Detection Limit Requirements		Special Requirements	
Received by: (signature) <i>Tracy Webb</i>	Date/Time: 4/14/22 11:05	MA	☐	MA MCP Required	
			☐	MCP Certification Form Required	
			☐	CT RCP Required	
			☐	RCP Certification Form Required	
			☐	MA State DW Required	
		Other: NHDES AGQS	PWSID #	NELAP and AIHA-LAP, LLC Accredited	
		Project Entity			
		Government ☐	Municipality ☐	MWRA ☐	WRTA ☐
		Federal ☐	21 J ☐	School ☐	
		City ☐	Brownfield ☐	MBTA ☐	
		Other ☐ Chromatogram ☐ AIHA-LAP, LLC			

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

I Have Not Confirmed Sample Container
Numbers With Lab Staff Before Relinquishing
Over Samples _____



con-test[®]
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False

Statement will be brought to the attention of the Client - State True or False

Client Wilcox + Barton

Received By DK

Date 4/14/22

Time 1205

How were the samples
received?

In Cooler 9

No Cooler _____

On Ice 7

No Ice _____

Direct from Sampling _____

Ambient _____

Melted Ice _____

Were samples within
Temperature? 2-6°C 7

By Gun # 3

Actual Temp - 2.0

By Blank # _____

Actual Temp - _____

Was Custody Seal Intact? NA

Were Samples Tampered with? NA

Was COC Relinquished? 7

Does Chain Agree With Samples? 7

Are there broken/leaking/loose caps on any samples? 7

Is COC in ink/ Legible? 7

Were samples received within holding time? 7

Did COC include all
pertinent Information? Client 7
Project 7

Analysis 7

Sampler Name 7

ID's 7

Collection Dates/Times 7

Are Sample labels filled out and legible? 7

Are there Lab to Filters? F

Who was notified? _____

Are there Rushes? F

Who was notified? _____

Are there Short Holds? F

Who was notified? _____

Is there enough Volume? 7

Is there Headspace where applicable? 7

Proper Media/Containers Used? 7

Were trip blanks received? F

Do all samples have the proper pH? NA

Acid _____

Base _____

MS/MSD? F

Is splitting samples required? F

On COC? F

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-	<u>6</u>	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	<u>5 7</u>
Meoh-	<u>14</u>	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-	<u>14</u>	Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

April 22, 2022

Russell Barton
Wilcox & Barton
1115 Route 100B, Suite 200
Moretown, VT 05660

Project Location: 1921 Dover Rd, Epsom, NH
Client Job Number:
Project Number: DIRT0013
Laboratory Work Order Number: 22D1102

Enclosed are results of analyses for samples as received by the laboratory on April 15, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Scott C. Basal
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332Wilcox & Barton
1115 Route 100B, Suite 200
Moretown, VT 05660
ATTN: Russell Barton

REPORT DATE: 4/22/2022

PURCHASE ORDER NUMBER:

PROJECT NUMBER: DIRT0013

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22D1102

The results of analyses performed on the following samples submitted to Con-Test, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 1921 Dover Rd, Epsom, NH

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
S-8	22D1102-01	Soil		SM 2540G SW-846 8015C SW-846 8260D	
S-9	22D1102-02	Soil		SM 2540G SW-846 8015C SW-846 8260D	
S-10	22D1102-03	Soil		SM 2540G SW-846 8015C SW-846 8260D	
S-11	22D1102-04	Soil		SM 2540G SW-846 8015C SW-846 8260D	
S-12	22D1102-05	Soil		SM 2540G SW-846 8015C SW-846 8260D	
S-13	22D1102-06	Soil		SM 2540G SW-846 8015C SW-846 8260D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260D**Qualifications:**

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**Methyl Acetate**

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

tert-Amyl Methyl Ether (TAME)

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

tert-Butyl Alcohol (TBA)

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

tert-Butyl Ethyl Ether (TBEE)

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

Tetrahydrofuran

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Bromoform**

B306069-BS1, B306069-BSD1, S070516-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:**Bromomethane**

22D1102-01[S-8], 22D1102-02[S-9], 22D1102-03[S-10], 22D1102-04[S-11], 22D1102-05[S-12], 22D1102-06[S-13], B306069-BLK1, B306069-BS1, B306069-BSD1, S070516-CCV1

V-35

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:**Acetone**

B306069-BS1, B306069-BSD1, S070516-CCV1

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SW-846 8015C

Gasoline Range Organics (2-Methylpentane through 1,2,4-Trimethylbenzene) is quantitated against a calibration made with an unleaded gasoline composite standard.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-8

Sampled: 4/15/2022 08:30

Sample ID: 22D1102-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	0.0060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Acrylonitrile	ND	0.0039	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	0.00024	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Benzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Bromobenzene	ND	0.0013	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Bromochloromethane	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Bromodichloromethane	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Bromoform	ND	0.0013	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Bromomethane	ND	0.0066	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
2-Butanone (MEK)	ND	0.026	0.0037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
tert-Butyl Alcohol (TBA)	ND	0.066	0.030	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
n-Butylbenzene	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
sec-Butylbenzene	ND	0.0013	0.00063	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
tert-Butylbenzene	ND	0.0013	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	0.00032	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Carbon Disulfide	ND	0.0066	0.0046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Carbon Tetrachloride	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Chlorobenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Chlorodibromomethane	ND	0.00066	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Chloroethane	ND	0.013	0.00082	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Chloroform	ND	0.0026	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Chloromethane	ND	0.0066	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
2-Chlorotoluene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Dibromomethane	ND	0.0013	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00069	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1-Dichloroethane	ND	0.0013	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2-Dichloroethane	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1-Dichloroethylene	ND	0.0026	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2-Dichloropropane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,3-Dichloropropane	ND	0.00066	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
2,2-Dichloropropane	ND	0.0013	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1-Dichloropropene	ND	0.0013	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
cis-1,3-Dichloropropene	ND	0.00066	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
trans-1,3-Dichloropropene	ND	0.00066	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Diethyl Ether	ND	0.013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-8

Sampled: 4/15/2022 08:30

Sample ID: 22D1102-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00066	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,4-Dioxane	ND	0.066	0.023	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Ethylbenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Hexachlorobutadiene	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
2-Hexanone (MBK)	ND	0.013	0.0037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Methyl Acetate	ND	0.0013	0.00097	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Methyl Cyclohexane	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Methylene Chloride	ND	0.013	0.00097	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Naphthalene	ND	0.0026	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
n-Propylbenzene	ND	0.0013	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Tetrachloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Tetrahydrofuran	ND	0.0066	0.0022	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Toluene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Trichloroethylene	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2,3-Trichloropropane	ND	0.0013	0.00069	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Vinyl Chloride	ND	0.0066	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
m+p Xylene	ND	0.0026	0.00085	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
o-Xylene	ND	0.0013	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:26	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	115	70-130								
Toluene-d8	101	70-130								
4-Bromofluorobenzene	102	70-130								

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-8

Sampled: 4/15/2022 08:30

Sample ID: 22D1102-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.47	0.73	0.26	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 12:48	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	77.2		70-130				4/19/22 12:48			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-8

Sampled: 4/15/2022 08:30

Sample ID: 22D1102-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1		SM 2540G	4/20/22	4/22/22 11:28	JLC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-9

Sampled: 4/15/2022 08:35

Sample ID: 22D1102-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.0081	0.084	0.0077	mg/Kg dry	1	J	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Acrylonitrile	ND	0.0050	0.00083	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	0.00031	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Benzene	ND	0.0017	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Bromobenzene	ND	0.0017	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Bromochloromethane	ND	0.0017	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Bromodichloromethane	ND	0.0017	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Bromoform	ND	0.0017	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Bromomethane	ND	0.0084	0.0014	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
2-Butanone (MEK)	ND	0.034	0.0048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
tert-Butyl Alcohol (TBA)	ND	0.084	0.039	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
n-Butylbenzene	ND	0.0017	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
sec-Butylbenzene	ND	0.0017	0.00080	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
tert-Butylbenzene	ND	0.0017	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	0.00041	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Carbon Disulfide	ND	0.0084	0.0059	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Carbon Tetrachloride	ND	0.0017	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Chlorobenzene	ND	0.0017	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Chlorodibromomethane	ND	0.00084	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Chloroethane	ND	0.017	0.0010	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Chloroform	ND	0.0034	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Chloromethane	ND	0.0084	0.00085	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
2-Chlorotoluene	ND	0.0017	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
4-Chlorotoluene	ND	0.0017	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	0.00056	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Dibromomethane	ND	0.0017	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00089	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1-Dichloroethane	ND	0.0017	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2-Dichloroethane	ND	0.0017	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1-Dichloroethylene	ND	0.0034	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00056	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2-Dichloropropane	ND	0.0017	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,3-Dichloropropane	ND	0.00084	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
2,2-Dichloropropane	ND	0.0017	0.00069	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1-Dichloropropene	ND	0.0017	0.00082	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
cis-1,3-Dichloropropene	ND	0.00084	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
trans-1,3-Dichloropropene	ND	0.00084	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Diethyl Ether	ND	0.017	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-9

Sampled: 4/15/2022 08:35

Sample ID: 22D1102-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,4-Dioxane	ND	0.084	0.030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Ethylbenzene	ND	0.0017	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Hexachlorobutadiene	ND	0.0017	0.00062	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
2-Hexanone (MBK)	ND	0.017	0.0048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00059	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Methyl Acetate	ND	0.0017	0.0012	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Methyl Cyclohexane	ND	0.0017	0.00063	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Methylene Chloride	ND	0.017	0.0012	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Naphthalene	ND	0.0034	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
n-Propylbenzene	ND	0.0017	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Styrene	ND	0.0017	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Tetrachloroethylene	ND	0.0017	0.00056	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Tetrahydrofuran	ND	0.0084	0.0028	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Toluene	ND	0.0017	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2,4-Trichlorobenzene	ND	0.0017	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00067	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Trichloroethylene	ND	0.0017	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2,3-Trichloropropane	ND	0.0017	0.00088	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00056	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Vinyl Chloride	ND	0.0084	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
m+p Xylene	ND	0.0034	0.0011	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
o-Xylene	ND	0.0017	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 8:52	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	119	70-130				4/18/22 8:52				
Toluene-d8	102	70-130				4/18/22 8:52				
4-Bromofluorobenzene	103	70-130				4/18/22 8:52				

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-9

Sampled: 4/15/2022 08:35

Sample ID: 22D1102-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.45	0.82	0.29	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 13:26	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	72.8		70-130				4/19/22 13:26			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-9

Sampled: 4/15/2022 08:35

Sample ID: 22D1102-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	4/20/22	4/22/22 11:29	JLC

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-10

Sampled: 4/15/2022 08:40

Sample ID: 22D1102-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.073	0.0067	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Acrylonitrile	ND	0.0044	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00073	0.00027	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Benzene	ND	0.0015	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Bromobenzene	ND	0.0015	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Bromochloromethane	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Bromodichloromethane	ND	0.0015	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Bromoform	ND	0.0015	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Bromomethane	ND	0.0073	0.0012	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
2-Butanone (MEK)	ND	0.029	0.0042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
tert-Butyl Alcohol (TBA)	ND	0.073	0.034	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
n-Butylbenzene	ND	0.0015	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
sec-Butylbenzene	ND	0.0015	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
tert-Butylbenzene	ND	0.0015	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00073	0.00036	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Carbon Disulfide	ND	0.0073	0.0051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Carbon Tetrachloride	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Chlorobenzene	ND	0.0015	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Chlorodibromomethane	ND	0.00073	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Chloroethane	ND	0.015	0.00091	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Chloroform	ND	0.0029	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Chloromethane	ND	0.0073	0.00074	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
2-Chlorotoluene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
4-Chlorotoluene	ND	0.0015	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2-Dibromoethane (EDB)	ND	0.00073	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Dibromomethane	ND	0.0015	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2-Dichlorobenzene	ND	0.0015	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,3-Dichlorobenzene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,4-Dichlorobenzene	ND	0.0015	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
trans-1,4-Dichloro-2-butene	ND	0.0029	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	0.00077	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1-Dichloroethane	ND	0.0015	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2-Dichloroethane	ND	0.0015	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1-Dichloroethylene	ND	0.0029	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
cis-1,2-Dichloroethylene	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
trans-1,2-Dichloroethylene	ND	0.0015	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2-Dichloropropane	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,3-Dichloropropane	ND	0.00073	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
2,2-Dichloropropane	ND	0.0015	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1-Dichloropropene	ND	0.0015	0.00072	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
cis-1,3-Dichloropropene	ND	0.00073	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
trans-1,3-Dichloropropene	ND	0.00073	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Diethyl Ether	ND	0.015	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-10

Sampled: 4/15/2022 08:40

Sample ID: 22D1102-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00073	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,4-Dioxane	ND	0.073	0.026	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Ethylbenzene	ND	0.0015	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Hexachlorobutadiene	ND	0.0015	0.00054	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
2-Hexanone (MBK)	ND	0.015	0.0042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Isopropylbenzene (Cumene)	ND	0.0015	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Methyl Acetate	ND	0.0015	0.0011	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	0.00026	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Methyl Cyclohexane	ND	0.0015	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Methylene Chloride	ND	0.015	0.0011	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	0.0031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Naphthalene	ND	0.0029	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
n-Propylbenzene	ND	0.0015	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Styrene	ND	0.0015	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.00073	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Tetrachloroethylene	ND	0.0015	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Tetrahydrofuran	ND	0.0073	0.0025	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Toluene	ND	0.0015	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2,3-Trichlorobenzene	ND	0.0015	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2,4-Trichlorobenzene	ND	0.0015	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,3,5-Trichlorobenzene	ND	0.0015	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1,1-Trichloroethane	ND	0.0015	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1,2-Trichloroethane	ND	0.0015	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Trichloroethylene	ND	0.0015	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0073	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2,3-Trichloropropane	ND	0.0015	0.00077	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0073	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,2,4-Trimethylbenzene	ND	0.0015	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
1,3,5-Trimethylbenzene	ND	0.0015	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Vinyl Chloride	ND	0.0073	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
m+p Xylene	ND	0.0029	0.00095	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
o-Xylene	ND	0.0015	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:17	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	113		70-130				4/18/22 9:17			
Toluene-d8	102		70-130				4/18/22 9:17			
4-Bromofluorobenzene	103		70-130				4/18/22 9:17			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-10

Sampled: 4/15/2022 08:40

Sample ID: 22D1102-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.49	0.76	0.27	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 14:05	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	77.5		70-130				4/19/22 14:05			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-10

Sampled: 4/15/2022 08:40

Sample ID: 22D1102-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.1		% Wt	1		SM 2540G	4/20/22	4/22/22 11:29	JLC

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-11

Sampled: 4/15/2022 08:45

Sample ID: 22D1102-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	0.0063	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Acrylonitrile	ND	0.0041	0.00068	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	0.00025	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Benzene	ND	0.0014	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Bromobenzene	ND	0.0014	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Bromochloromethane	ND	0.0014	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Bromodichloromethane	ND	0.0014	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Bromoform	ND	0.0014	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Bromomethane	ND	0.0069	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
2-Butanone (MEK)	ND	0.028	0.0039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
tert-Butyl Alcohol (TBA)	ND	0.069	0.032	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
n-Butylbenzene	ND	0.0014	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
sec-Butylbenzene	ND	0.0014	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
tert-Butylbenzene	ND	0.0014	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	0.00034	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Carbon Disulfide	ND	0.0069	0.0048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Carbon Tetrachloride	ND	0.0014	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Chlorobenzene	ND	0.0014	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Chlorodibromomethane	ND	0.00069	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Chloroethane	ND	0.014	0.00086	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Chloroform	ND	0.0028	0.00040	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Chloromethane	ND	0.0069	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
2-Chlorotoluene	ND	0.0014	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
4-Chlorotoluene	ND	0.0014	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00060	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Dibromomethane	ND	0.0014	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
trans-1,4-Dichloro-2-butene	ND	0.0028	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1-Dichloroethane	ND	0.0014	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2-Dichloroethane	ND	0.0014	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1-Dichloroethylene	ND	0.0028	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
cis-1,2-Dichloroethylene	ND	0.0014	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
trans-1,2-Dichloroethylene	ND	0.0014	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2-Dichloropropane	ND	0.0014	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,3-Dichloropropane	ND	0.00069	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
2,2-Dichloropropane	ND	0.0014	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1-Dichloropropene	ND	0.0014	0.00068	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
cis-1,3-Dichloropropene	ND	0.00069	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
trans-1,3-Dichloropropene	ND	0.00069	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Diethyl Ether	ND	0.014	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-11

Sampled: 4/15/2022 08:45

Sample ID: 22D1102-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00069	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,4-Dioxane	ND	0.069	0.024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Ethylbenzene	ND	0.0014	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Hexachlorobutadiene	ND	0.0014	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
2-Hexanone (MBK)	ND	0.014	0.0039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Methyl Acetate	ND	0.0014	0.0010	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Methyl Cyclohexane	ND	0.0014	0.00052	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Methylene Chloride	ND	0.014	0.0010	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Naphthalene	ND	0.0028	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
n-Propylbenzene	ND	0.0014	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Styrene	ND	0.0014	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Tetrachloroethylene	ND	0.0014	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Tetrahydrofuran	ND	0.0069	0.0023	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Toluene	ND	0.0014	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,3,5-Trichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Trichloroethylene	ND	0.0014	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2,3-Trichloropropane	ND	0.0014	0.00072	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Vinyl Chloride	ND	0.0069	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
m+p Xylene	ND	0.0028	0.00090	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
o-Xylene	ND	0.0014	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 9:43	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	110	70-130				4/18/22 9:43				
Toluene-d8	100	70-130				4/18/22 9:43				
4-Bromofluorobenzene	102	70-130				4/18/22 9:43				

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-11

Sampled: 4/15/2022 08:45

Sample ID: 22D1102-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	ND	0.74	0.26	mg/Kg dry	1	U	SW-846 8015C	4/18/22	4/19/22 14:43	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	76.9		70-130				4/19/22 14:43			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-11

Sampled: 4/15/2022 08:45

Sample ID: 22D1102-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.6		% Wt	1		SM 2540G	4/20/22	4/22/22 11:29	JLC

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-12

Sampled: 4/15/2022 09:00

Sample ID: 22D1102-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	0.0061	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Acrylonitrile	ND	0.0040	0.00066	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	0.00024	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Benzene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Bromobenzene	ND	0.0013	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Bromochloromethane	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Bromodichloromethane	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Bromoform	ND	0.0013	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Bromomethane	ND	0.0067	0.0011	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
2-Butanone (MEK)	ND	0.027	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
tert-Butyl Alcohol (TBA)	ND	0.067	0.031	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
n-Butylbenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
sec-Butylbenzene	ND	0.0013	0.00064	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
tert-Butylbenzene	ND	0.0013	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	0.00033	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Carbon Disulfide	ND	0.0067	0.0047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Carbon Tetrachloride	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Chlorobenzene	ND	0.0013	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Chlorodibromomethane	ND	0.00067	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Chloroethane	ND	0.013	0.00083	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Chloroform	ND	0.0027	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Chloromethane	ND	0.0067	0.00067	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
2-Chlorotoluene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
4-Chlorotoluene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Dibromomethane	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2-Dichlorobenzene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,3-Dichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,4-Dichlorobenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1-Dichloroethane	ND	0.0013	0.00046	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2-Dichloroethane	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1-Dichloroethylene	ND	0.0027	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
cis-1,2-Dichloroethylene	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
trans-1,2-Dichloroethylene	ND	0.0013	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2-Dichloropropane	ND	0.0013	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,3-Dichloropropane	ND	0.00067	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
2,2-Dichloropropane	ND	0.0013	0.00055	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1-Dichloropropene	ND	0.0013	0.00065	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
cis-1,3-Dichloropropene	ND	0.00067	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
trans-1,3-Dichloropropene	ND	0.00067	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Diethyl Ether	ND	0.013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-12

Sampled: 4/15/2022 09:00

Sample ID: 22D1102-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,4-Dioxane	ND	0.067	0.024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Ethylbenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Hexachlorobutadiene	ND	0.0013	0.00049	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
2-Hexanone (MBK)	ND	0.013	0.0038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Isopropylbenzene (Cumene)	ND	0.0013	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Methyl Acetate	ND	0.0013	0.00098	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Methyl Cyclohexane	ND	0.0013	0.00050	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Methylene Chloride	ND	0.013	0.00098	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	0.0028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Naphthalene	ND	0.0027	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
n-Propylbenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Styrene	ND	0.0013	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	0.00037	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Tetrachloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Tetrahydrofuran	ND	0.0067	0.0022	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Toluene	ND	0.0013	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2,3-Trichlorobenzene	ND	0.0013	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2,4-Trichlorobenzene	ND	0.0013	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,3,5-Trichlorobenzene	ND	0.0013	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1,1-Trichloroethane	ND	0.0013	0.00053	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1,2-Trichloroethane	ND	0.0013	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Trichloroethylene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2,3-Trichloropropane	ND	0.0013	0.00070	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,2,4-Trimethylbenzene	ND	0.0013	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
1,3,5-Trimethylbenzene	ND	0.0013	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Vinyl Chloride	ND	0.0067	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
m+p Xylene	ND	0.0027	0.00086	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
o-Xylene	ND	0.0013	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:08	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				4/18/22 10:08			
Toluene-d8	100		70-130				4/18/22 10:08			
4-Bromofluorobenzene	103		70-130				4/18/22 10:08			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-12

Sampled: 4/15/2022 09:00

Sample ID: 22D1102-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.36	0.73	0.26	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 15:21	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	75.8		70-130				4/19/22 15:21			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-12

Sampled: 4/15/2022 09:00

Sample ID: 22D1102-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	4/20/22	4/22/22 11:29	JLC

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-13

Sampled: 4/15/2022 09:15

Sample ID: 22D1102-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.059	0.0054	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Acrylonitrile	ND	0.0035	0.00058	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00059	0.00022	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Benzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Bromobenzene	ND	0.0012	0.00021	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Bromochloromethane	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Bromodichloromethane	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Bromoform	ND	0.0012	0.00036	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Bromomethane	ND	0.0059	0.00096	mg/Kg dry	1	V-34, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
2-Butanone (MEK)	ND	0.023	0.0034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.059	0.027	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
n-Butylbenzene	ND	0.0012	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
sec-Butylbenzene	ND	0.0012	0.00056	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
tert-Butylbenzene	ND	0.0012	0.00045	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00059	0.00029	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Carbon Disulfide	ND	0.0059	0.0041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Carbon Tetrachloride	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Chlorobenzene	ND	0.0012	0.00035	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Chlorodibromomethane	ND	0.00059	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Chloroethane	ND	0.012	0.00073	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Chloroform	ND	0.0023	0.00034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Chloromethane	ND	0.0059	0.00059	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
2-Chlorotoluene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
4-Chlorotoluene	ND	0.0012	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0012	0.00051	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00059	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Dibromomethane	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2-Dichlorobenzene	ND	0.0012	0.00026	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,3-Dichlorobenzene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,4-Dichlorobenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0023	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	0.00062	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1-Dichloroethane	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2-Dichloroethane	ND	0.0012	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1-Dichloroethylene	ND	0.0023	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
cis-1,2-Dichloroethylene	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
trans-1,2-Dichloroethylene	ND	0.0012	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2-Dichloropropane	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,3-Dichloropropane	ND	0.00059	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
2,2-Dichloropropane	ND	0.0012	0.00048	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1-Dichloropropene	ND	0.0012	0.00057	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
cis-1,3-Dichloropropene	ND	0.00059	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
trans-1,3-Dichloropropene	ND	0.00059	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Diethyl Ether	ND	0.012	0.00042	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-13

Sampled: 4/15/2022 09:15

Sample ID: 22D1102-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00059	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,4-Dioxane	ND	0.059	0.021	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Ethylbenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Hexachlorobutadiene	ND	0.0012	0.00043	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
2-Hexanone (MBK)	ND	0.012	0.0034	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Isopropylbenzene (Cumene)	ND	0.0012	0.00041	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Methyl Acetate	ND	0.0012	0.00086	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0023	0.00021	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Methyl Cyclohexane	ND	0.0012	0.00044	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Methylene Chloride	ND	0.012	0.00086	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	0.0025	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Naphthalene	ND	0.0023	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
n-Propylbenzene	ND	0.0012	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Styrene	ND	0.0012	0.00024	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	0.00033	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00059	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Tetrachloroethylene	ND	0.0012	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Tetrahydrofuran	ND	0.0059	0.0020	mg/Kg dry	1	V-05, U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Toluene	ND	0.0012	0.00030	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2,3-Trichlorobenzene	ND	0.0012	0.00032	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2,4-Trichlorobenzene	ND	0.0012	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,3,5-Trichlorobenzene	ND	0.0012	0.00029	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1,1-Trichloroethane	ND	0.0012	0.00047	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1,2-Trichloroethane	ND	0.0012	0.00027	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Trichloroethylene	ND	0.0012	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0059	0.00028	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2,3-Trichloropropane	ND	0.0012	0.00061	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0059	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,2,4-Trimethylbenzene	ND	0.0012	0.00039	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
1,3,5-Trimethylbenzene	ND	0.0012	0.00031	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Vinyl Chloride	ND	0.0059	0.00038	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
m+p Xylene	ND	0.0023	0.00076	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
o-Xylene	ND	0.0012	0.00025	mg/Kg dry	1	U	SW-846 8260D	4/18/22	4/18/22 10:33	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				4/18/22 10:33			
Toluene-d8	101		70-130				4/18/22 10:33			
4-Bromofluorobenzene	100		70-130				4/18/22 10:33			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Field Sample #: S-13

Sampled: 4/15/2022 09:15

Sample ID: 22D1102-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Gasoline Range Organics (GRO)	0.52	0.74	0.26	mg/Kg dry	1	J	SW-846 8015C	4/18/22	4/19/22 15:59	KMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1-Chloro-3-fluorobenzene	80.1		70-130				4/19/22 15:59			

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Project Location: 1921 Dover Rd, Epsom, NH

Sample Description:

Work Order: 22D1102

Date Received: 4/15/2022

Sampled: 4/15/2022 09:15

Field Sample #: S-13

Sample ID: 22D1102-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	4/20/22	4/22/22 11:29	JLC

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Sample Extraction Data**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
22D1102-01 [S-8]	B306322	04/20/22
22D1102-02 [S-9]	B306322	04/20/22
22D1102-03 [S-10]	B306322	04/20/22
22D1102-04 [S-11]	B306322	04/20/22
22D1102-05 [S-12]	B306322	04/20/22
22D1102-06 [S-13]	B306322	04/20/22

Prep Method: SW-846 5030B-SW-846 8015C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22D1102-01 [S-8]	B306053	7.61	5.33	04/18/22
22D1102-02 [S-9]	B306053	7.47	5.61	04/18/22
22D1102-03 [S-10]	B306053	7.81	5.54	04/18/22
22D1102-04 [S-11]	B306053	7.35	5.25	04/18/22
22D1102-05 [S-12]	B306053	8.25	5.60	04/18/22
22D1102-06 [S-13]	B306053	7.77	5.44	04/18/22

Prep Method: SW-846 5035-SW-846 8260D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
22D1102-01 [S-8]	B306069	7.98	10.0	04/18/22
22D1102-02 [S-9]	B306069	6.48	10.0	04/18/22
22D1102-03 [S-10]	B306069	7.32	10.0	04/18/22
22D1102-04 [S-11]	B306069	7.50	10.0	04/18/22
22D1102-05 [S-12]	B306069	8.11	10.0	04/18/22
22D1102-06 [S-13]	B306069	9.02	10.0	04/18/22

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
Blank (B306069-BLK1)						Prepared & Analyzed: 04/18/22					
Acetone	ND	0.10	0.0092	mg/Kg wet							U
Acrylonitrile	ND	0.0060	0.0009	mg/Kg wet							U
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.0003	mg/Kg wet							V-05, U
Benzene	ND	0.0020	0.0005	mg/Kg wet							U
Bromobenzene	ND	0.0020	0.0003	mg/Kg wet							U
Bromochloromethane	ND	0.0020	0.0008	mg/Kg wet							U
Bromodichloromethane	ND	0.0020	0.0004	mg/Kg wet							U
Bromoform	ND	0.0020	0.0006	mg/Kg wet							U
Bromomethane	ND	0.010	0.0016	mg/Kg wet							V-34, U
2-Butanone (MEK)	ND	0.040	0.0057	mg/Kg wet							U
tert-Butyl Alcohol (TBA)	ND	0.10	0.046	mg/Kg wet							V-05, U
n-Butylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
sec-Butylbenzene	ND	0.0020	0.0009	mg/Kg wet							U
tert-Butylbenzene	ND	0.0020	0.0007	mg/Kg wet							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.0004	mg/Kg wet							V-05, U
Carbon Disulfide	ND	0.010	0.0070	mg/Kg wet							U
Carbon Tetrachloride	ND	0.0020	0.0008	mg/Kg wet							U
Chlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
Chlorodibromomethane	ND	0.0010	0.0005	mg/Kg wet							U
Chloroethane	ND	0.020	0.0012	mg/Kg wet							U
Chloroform	ND	0.0040	0.0005	mg/Kg wet							U
Chloromethane	ND	0.010	0.0010	mg/Kg wet							U
2-Chlorotoluene	ND	0.0020	0.0005	mg/Kg wet							U
4-Chlorotoluene	ND	0.0020	0.0004	mg/Kg wet							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.0008	mg/Kg wet							U
1,2-Dibromoethane (EDB)	ND	0.0010	0.0006	mg/Kg wet							U
Dibromomethane	ND	0.0020	0.0007	mg/Kg wet							U
1,2-Dichlorobenzene	ND	0.0020	0.0004	mg/Kg wet							U
1,3-Dichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,4-Dichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
Blank (B306069-BLK1)					Prepared & Analyzed: 04/18/22						
trans-1,4-Dichloro-2-butene	ND	0.0040	0.0007	mg/Kg wet							U
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg wet							U
1,1-Dichloroethane	ND	0.0020	0.0006	mg/Kg wet							U
1,2-Dichloroethane	ND	0.0020	0.0006	mg/Kg wet							U
1,1-Dichloroethylene	ND	0.0040	0.0007	mg/Kg wet							U
cis-1,2-Dichloroethylene	ND	0.0020	0.0005	mg/Kg wet							U
trans-1,2-Dichloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
1,2-Dichloropropane	ND	0.0020	0.0005	mg/Kg wet							U
1,3-Dichloropropane	ND	0.0010	0.0005	mg/Kg wet							U
2,2-Dichloropropane	ND	0.0020	0.0008	mg/Kg wet							U
1,1-Dichloropropene	ND	0.0020	0.0009	mg/Kg wet							U
cis-1,3-Dichloropropene	ND	0.0010	0.0005	mg/Kg wet							U
trans-1,3-Dichloropropene	ND	0.0010	0.0005	mg/Kg wet							U
Diethyl Ether	ND	0.020	0.0007	mg/Kg wet							U
Diisopropyl Ether (DIPE)	ND	0.0010	0.0005	mg/Kg wet							U
1,4-Dioxane	ND	0.10	0.035	mg/Kg wet							U
Ethylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
Hexachlorobutadiene	ND	0.0020	0.0007	mg/Kg wet							U
2-Hexanone (MBK)	ND	0.020	0.0057	mg/Kg wet							U
Isopropylbenzene (Cumene)	ND	0.0020	0.0007	mg/Kg wet							U
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.0005	mg/Kg wet							U
Methyl Acetate	ND	0.0020	0.0015	mg/Kg wet							V-05, U
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.0003	mg/Kg wet							U
Methyl Cyclohexane	ND	0.0020	0.0007	mg/Kg wet							U
Methylene Chloride	ND	0.020	0.0015	mg/Kg wet							U
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0042	mg/Kg wet							U
Naphthalene	ND	0.0040	0.0005	mg/Kg wet							U
n-Propylbenzene	ND	0.0020	0.0004	mg/Kg wet							U
Styrene	ND	0.0020	0.0004	mg/Kg wet							U
1,1,1,2-Tetrachloroethane	ND	0.0020	0.0005	mg/Kg wet							U

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B306069 - SW-846 5035
Blank (B306069-BLK1)

Prepared & Analyzed: 04/18/22

1,1,2,2-Tetrachloroethane	ND	0.0010	0.0005	mg/Kg wet							U
Tetrachloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
Tetrahydrofuran	ND	0.010	0.0034	mg/Kg wet							V-05, U
Toluene	ND	0.0020	0.0005	mg/Kg wet							U
1,2,3-Trichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,2,4-Trichlorobenzene	ND	0.0020	0.0004	mg/Kg wet							U
1,3,5-Trichlorobenzene	ND	0.0020	0.0005	mg/Kg wet							U
1,1,1-Trichloroethane	ND	0.0020	0.0008	mg/Kg wet							U
1,1,2-Trichloroethane	ND	0.0020	0.0004	mg/Kg wet							U
Trichloroethylene	ND	0.0020	0.0006	mg/Kg wet							U
Trichlorofluoromethane (Freon 11)	ND	0.010	0.0004	mg/Kg wet							U
1,2,3-Trichloropropane	ND	0.0020	0.0010	mg/Kg wet							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.0006	mg/Kg wet							U
1,2,4-Trimethylbenzene	ND	0.0020	0.0006	mg/Kg wet							U
1,3,5-Trimethylbenzene	ND	0.0020	0.0005	mg/Kg wet							U
Vinyl Chloride	ND	0.010	0.0006	mg/Kg wet							U
m+p Xylene	ND	0.0040	0.0013	mg/Kg wet							U
o-Xylene	ND	0.0020	0.0004	mg/Kg wet							U
Surrogate: 1,2-Dichloroethane-d4	0.0578			mg/Kg wet	0.0500		116	70-130			
Surrogate: Toluene-d8	0.0511			mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0514			mg/Kg wet	0.0500		103	70-130			

LCS (B306069-BS1)

Prepared & Analyzed: 04/18/22

Acetone	0.195	0.10	0.0092	mg/Kg wet	0.200		97.7	70-160			V-35 †
Acrylonitrile	0.0160	0.0060	0.0009	mg/Kg wet	0.0200		79.8	70-130			
tert-Amyl Methyl Ether (TAME)	0.0156	0.0010	0.0003	mg/Kg wet	0.0200		78.2	70-130			V-05
Benzene	0.0197	0.0020	0.0005	mg/Kg wet	0.0200		98.4	70-130			
Bromobenzene	0.0224	0.0020	0.0003	mg/Kg wet	0.0200		112	70-130			
Bromochloromethane	0.0187	0.0020	0.0008	mg/Kg wet	0.0200		93.3	70-130			
Bromodichloromethane	0.0220	0.0020	0.0004	mg/Kg wet	0.0200		110	70-130			
Bromoform	0.0241	0.0020	0.0006	mg/Kg wet	0.0200		121	70-130			V-20

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
LCS (B306069-BS1)						Prepared & Analyzed: 04/18/22					
Bromomethane	0.0188	0.010	0.0016	mg/Kg wet	0.0200		93.9	40-130			V-34 †
2-Butanone (MEK)	0.174	0.040	0.0057	mg/Kg wet	0.200		87.1	70-160			†
tert-Butyl Alcohol (TBA)	0.121	0.10	0.046	mg/Kg wet	0.200		60.6	40-130			V-05 †
n-Butylbenzene	0.0193	0.0020	0.0005	mg/Kg wet	0.0200		96.4	70-130			
sec-Butylbenzene	0.0188	0.0020	0.0009	mg/Kg wet	0.0200		94.2	70-130			
tert-Butylbenzene	0.0187	0.0020	0.0007	mg/Kg wet	0.0200		93.6	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0157	0.0010	0.0004	mg/Kg wet	0.0200		78.6	70-130			V-05
Carbon Disulfide	0.206	0.010	0.0070	mg/Kg wet	0.200		103	70-130			
Carbon Tetrachloride	0.0231	0.0020	0.0008	mg/Kg wet	0.0200		116	70-130			
Chlorobenzene	0.0214	0.0020	0.0005	mg/Kg wet	0.0200		107	70-130			
Chlorodibromomethane	0.0219	0.0010	0.0005	mg/Kg wet	0.0200		110	70-130			
Chloroethane	0.0230	0.020	0.0012	mg/Kg wet	0.0200		115	70-130			
Chloroform	0.0216	0.0040	0.0005	mg/Kg wet	0.0200		108	70-130			
Chloromethane	0.0179	0.010	0.0010	mg/Kg wet	0.0200		89.4	70-130			
2-Chlorotoluene	0.0197	0.0020	0.0005	mg/Kg wet	0.0200		98.4	70-130			
4-Chlorotoluene	0.0205	0.0020	0.0004	mg/Kg wet	0.0200		103	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0185	0.0020	0.0008	mg/Kg wet	0.0200		92.5	70-130			
1,2-Dibromoethane (EDB)	0.0220	0.0010	0.0006	mg/Kg wet	0.0200		110	70-130			
Dibromomethane	0.0221	0.0020	0.0007	mg/Kg wet	0.0200		110	70-130			
1,2-Dichlorobenzene	0.0193	0.0020	0.0004	mg/Kg wet	0.0200		96.3	70-130			
1,3-Dichlorobenzene	0.0189	0.0020	0.0005	mg/Kg wet	0.0200		94.3	70-130			
1,4-Dichlorobenzene	0.0193	0.0020	0.0005	mg/Kg wet	0.0200		96.3	70-130			
trans-1,4-Dichloro-2-butene	0.0188	0.0040	0.0007	mg/Kg wet	0.0200		94.1	70-130			
Dichlorodifluoromethane (Freon 12)	0.0177	0.020	0.0011	mg/Kg wet	0.0200		88.5	40-160			J †
1,1-Dichloroethane	0.0191	0.0020	0.0006	mg/Kg wet	0.0200		95.3	70-130			
1,2-Dichloroethane	0.0209	0.0020	0.0006	mg/Kg wet	0.0200		104	70-130			
1,1-Dichloroethylene	0.0213	0.0040	0.0007	mg/Kg wet	0.0200		106	70-130			
cis-1,2-Dichloroethylene	0.0192	0.0020	0.0005	mg/Kg wet	0.0200		95.8	70-130			
trans-1,2-Dichloroethylene	0.0197	0.0020	0.0006	mg/Kg wet	0.0200		98.5	70-130			
1,2-Dichloropropane	0.0175	0.0020	0.0005	mg/Kg wet	0.0200		87.3	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
LCS (B306069-BS1)						Prepared & Analyzed: 04/18/22					
1,3-Dichloropropane	0.0212	0.0010	0.0005	mg/Kg wet	0.0200		106	70-130			
2,2-Dichloropropane	0.0190	0.0020	0.0008	mg/Kg wet	0.0200		94.8	70-130			
1,1-Dichloropropene	0.0214	0.0020	0.0009	mg/Kg wet	0.0200		107	70-130			
cis-1,3-Dichloropropene	0.0198	0.0010	0.0005	mg/Kg wet	0.0200		98.8	70-130			
trans-1,3-Dichloropropene	0.0193	0.0010	0.0005	mg/Kg wet	0.0200		96.7	70-130			
Diethyl Ether	0.0183	0.020	0.0007	mg/Kg wet	0.0200		91.6	70-130			J
Diisopropyl Ether (DIPE)	0.0164	0.0010	0.0005	mg/Kg wet	0.0200		81.8	70-130			
1,4-Dioxane	0.185	0.10	0.035	mg/Kg wet	0.200		92.4	40-160			†
Ethylbenzene	0.0202	0.0020	0.0005	mg/Kg wet	0.0200		101	70-130			
Hexachlorobutadiene	0.0205	0.0020	0.0007	mg/Kg wet	0.0200		103	70-160			
2-Hexanone (MBK)	0.181	0.020	0.0057	mg/Kg wet	0.200		90.4	70-160			†
Isopropylbenzene (Cumene)	0.0207	0.0020	0.0007	mg/Kg wet	0.0200		103	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	0.0005	mg/Kg wet	0.0200		99.0	70-130			
Methyl Acetate	0.0159	0.0020	0.0015	mg/Kg wet	0.0200		79.5	70-130			V-05
Methyl tert-Butyl Ether (MTBE)	0.0175	0.0040	0.0003	mg/Kg wet	0.0200		87.6	70-130			
Methyl Cyclohexane	0.0206	0.0020	0.0007	mg/Kg wet	0.0200		103	70-130			
Methylene Chloride	0.0163	0.020	0.0015	mg/Kg wet	0.0200		81.3	40-160			J †
4-Methyl-2-pentanone (MIBK)	0.172	0.020	0.0042	mg/Kg wet	0.200		86.1	70-160			†
Naphthalene	0.0176	0.0040	0.0005	mg/Kg wet	0.0200		87.9	40-130			†
n-Propylbenzene	0.0211	0.0020	0.0004	mg/Kg wet	0.0200		106	70-130			
Styrene	0.0208	0.0020	0.0004	mg/Kg wet	0.0200		104	70-130			
1,1,1,2-Tetrachloroethane	0.0218	0.0020	0.0005	mg/Kg wet	0.0200		109	70-130			
1,1,2,2-Tetrachloroethane	0.0213	0.0010	0.0005	mg/Kg wet	0.0200		107	70-130			
Tetrachloroethylene	0.0226	0.0020	0.0006	mg/Kg wet	0.0200		113	70-130			
Tetrahydrofuran	0.0148	0.010	0.0034	mg/Kg wet	0.0200		73.8	70-130			V-05
Toluene	0.0168	0.0020	0.0005	mg/Kg wet	0.0200		84.0	70-130			
1,2,3-Trichlorobenzene	0.0189	0.0020	0.0005	mg/Kg wet	0.0200		94.4	70-130			
1,2,4-Trichlorobenzene	0.0189	0.0020	0.0004	mg/Kg wet	0.0200		94.4	70-130			
1,3,5-Trichlorobenzene	0.0195	0.0020	0.0005	mg/Kg wet	0.0200		97.5	70-130			
1,1,1-Trichloroethane	0.0226	0.0020	0.0008	mg/Kg wet	0.0200		113	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B306069 - SW-846 5035

LCS (B306069-BS1)										
Prepared & Analyzed: 04/18/22										
1,1,2-Trichloroethane	0.0204	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130		
Trichloroethylene	0.0220	0.0020	0.0006	mg/Kg wet	0.0200		110	70-130		
Trichlorofluoromethane (Freon 11)	0.0238	0.010	0.0004	mg/Kg wet	0.0200		119	70-130		
1,2,3-Trichloropropane	0.0197	0.0020	0.0010	mg/Kg wet	0.0200		98.3	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0238	0.010	0.0006	mg/Kg wet	0.0200		119	70-130		
1,2,4-Trimethylbenzene	0.0188	0.0020	0.0006	mg/Kg wet	0.0200		93.8	70-130		
1,3,5-Trimethylbenzene	0.0210	0.0020	0.0005	mg/Kg wet	0.0200		105	70-130		
Vinyl Chloride	0.0222	0.010	0.0006	mg/Kg wet	0.0200		111	40-130		†
m+p Xylene	0.0412	0.0040	0.0013	mg/Kg wet	0.0400		103	70-130		
o-Xylene	0.0201	0.0020	0.0004	mg/Kg wet	0.0200		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.0522			mg/Kg wet	0.0500		104	70-130		
Surrogate: Toluene-d8	0.0514			mg/Kg wet	0.0500		103	70-130		
Surrogate: 4-Bromofluorobenzene	0.0518			mg/Kg wet	0.0500		104	70-130		

LCS Dup (B306069-BSD1)				Prepared & Analyzed: 04/18/22						
Acetone	0.204	0.10	0.0092	mg/Kg wet	0.200	102	70-160	4.40	25	V-35
Acrylonitrile	0.0168	0.0060	0.0009	mg/Kg wet	0.0200	84.2	70-130	5.37	25	
tert-Amyl Methyl Ether (TAME)	0.0155	0.0010	0.0003	mg/Kg wet	0.0200	77.6	70-130	0.770	25	V-05
Benzene	0.0197	0.0020	0.0005	mg/Kg wet	0.0200	98.6	70-130	0.203	25	
Bromobenzene	0.0218	0.0020	0.0003	mg/Kg wet	0.0200	109	70-130	3.08	25	
Bromochloromethane	0.0190	0.0020	0.0008	mg/Kg wet	0.0200	95.2	70-130	2.02	25	
Bromodichloromethane	0.0217	0.0020	0.0004	mg/Kg wet	0.0200	109	70-130	1.19	25	
Bromoform	0.0235	0.0020	0.0006	mg/Kg wet	0.0200	117	70-130	2.77	25	V-20
Bromomethane	0.0178	0.010	0.0016	mg/Kg wet	0.0200	88.8	40-130	5.58	25	V-34
2-Butanone (MEK)	0.180	0.040	0.0057	mg/Kg wet	0.200	89.8	70-160	3.13	25	
tert-Butyl Alcohol (TBA)	0.122	0.10	0.046	mg/Kg wet	0.200	61.2	40-130	0.952	25	V-05
n-Butylbenzene	0.0184	0.0020	0.0005	mg/Kg wet	0.0200	92.2	70-130	4.45	25	
sec-Butylbenzene	0.0185	0.0020	0.0009	mg/Kg wet	0.0200	92.5	70-130	1.82	25	
tert-Butylbenzene	0.0184	0.0020	0.0007	mg/Kg wet	0.0200	92.0	70-160	1.72	25	
tert-Butyl Ethyl Ether (TBEE)	0.0155	0.0010	0.0004	mg/Kg wet	0.0200	77.7	70-130	1.15	25	V-05
Carbon Disulfide	0.206	0.010	0.0070	mg/Kg wet	0.200	103	70-130	0.146	25	

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
LCS Dup (B306069-BSD1)						Prepared & Analyzed: 04/18/22					
Carbon Tetrachloride	0.0231	0.0020	0.0008	mg/Kg wet	0.0200		116	70-130	0.173	25	
Chlorobenzene	0.0207	0.0020	0.0005	mg/Kg wet	0.0200		104	70-130	3.23	25	
Chlorodibromomethane	0.0219	0.0010	0.0005	mg/Kg wet	0.0200		109	70-130	0.183	25	
Chloroethane	0.0243	0.020	0.0012	mg/Kg wet	0.0200		122	70-130	5.41	25	
Chloroform	0.0219	0.0040	0.0005	mg/Kg wet	0.0200		109	70-130	1.20	25	
Chloromethane	0.0182	0.010	0.0010	mg/Kg wet	0.0200		91.1	70-130	1.88	25	
2-Chlorotoluene	0.0195	0.0020	0.0005	mg/Kg wet	0.0200		97.3	70-130	1.12	25	
4-Chlorotoluene	0.0200	0.0020	0.0004	mg/Kg wet	0.0200		100	70-130	2.46	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0185	0.0020	0.0008	mg/Kg wet	0.0200		92.6	70-130	0.108	25	
1,2-Dibromoethane (EDB)	0.0220	0.0010	0.0006	mg/Kg wet	0.0200		110	70-130	0.273	25	
Dibromomethane	0.0219	0.0020	0.0007	mg/Kg wet	0.0200		110	70-130	0.909	25	
1,2-Dichlorobenzene	0.0188	0.0020	0.0004	mg/Kg wet	0.0200		94.2	70-130	2.20	25	
1,3-Dichlorobenzene	0.0184	0.0020	0.0005	mg/Kg wet	0.0200		92.2	70-130	2.25	25	
1,4-Dichlorobenzene	0.0189	0.0020	0.0005	mg/Kg wet	0.0200		94.5	70-130	1.89	25	
trans-1,4-Dichloro-2-butene	0.0184	0.0040	0.0007	mg/Kg wet	0.0200		92.1	70-130	2.15	25	
Dichlorodifluoromethane (Freon 12)	0.0177	0.020	0.0011	mg/Kg wet	0.0200		88.6	40-160	0.113	25	J †
1,1-Dichloroethane	0.0191	0.0020	0.0006	mg/Kg wet	0.0200		95.4	70-130	0.105	25	
1,2-Dichloroethane	0.0209	0.0020	0.0006	mg/Kg wet	0.0200		105	70-130	0.383	25	
1,1-Dichloroethylene	0.0213	0.0040	0.0007	mg/Kg wet	0.0200		107	70-130	0.188	25	
cis-1,2-Dichloroethylene	0.0194	0.0020	0.0005	mg/Kg wet	0.0200		96.8	70-130	1.04	25	
trans-1,2-Dichloroethylene	0.0197	0.0020	0.0006	mg/Kg wet	0.0200		98.5	70-130	0.00	25	
1,2-Dichloropropane	0.0173	0.0020	0.0005	mg/Kg wet	0.0200		86.5	70-130	0.921	25	
1,3-Dichloropropane	0.0211	0.0010	0.0005	mg/Kg wet	0.0200		105	70-130	0.568	25	
2,2-Dichloropropane	0.0186	0.0020	0.0008	mg/Kg wet	0.0200		92.9	70-130	2.02	25	
1,1-Dichloropropene	0.0218	0.0020	0.0009	mg/Kg wet	0.0200		109	70-130	1.76	25	
cis-1,3-Dichloropropene	0.0195	0.0010	0.0005	mg/Kg wet	0.0200		97.5	70-130	1.32	25	
trans-1,3-Dichloropropene	0.0191	0.0010	0.0005	mg/Kg wet	0.0200		95.7	70-130	1.04	25	
Diethyl Ether	0.0185	0.020	0.0007	mg/Kg wet	0.0200		92.3	70-130	0.761	25	J
Diisopropyl Ether (DIPE)	0.0166	0.0010	0.0005	mg/Kg wet	0.0200		82.8	70-130	1.22	25	
1,4-Dioxane	0.195	0.10	0.035	mg/Kg wet	0.200		97.4	40-160	5.34	50	† ‡

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306069 - SW-846 5035											
LCS Dup (B306069-BSD1)						Prepared & Analyzed: 04/18/22					
Ethylbenzene	0.0198	0.0020	0.0005	mg/Kg wet	0.0200		98.8	70-130	2.30	25	
Hexachlorobutadiene	0.0198	0.0020	0.0007	mg/Kg wet	0.0200		99.1	70-160	3.47	25	
2-Hexanone (MBK)	0.182	0.020	0.0057	mg/Kg wet	0.200		90.8	70-160	0.475	25	†
Isopropylbenzene (Cumene)	0.0203	0.0020	0.0007	mg/Kg wet	0.0200		102	70-130	1.85	25	
p-Isopropyltoluene (p-Cymene)	0.0191	0.0020	0.0005	mg/Kg wet	0.0200		95.6	70-130	3.49	25	
Methyl Acetate	0.0170	0.0020	0.0015	mg/Kg wet	0.0200		85.0	70-130	6.69	25	V-05
Methyl tert-Butyl Ether (MTBE)	0.0177	0.0040	0.0003	mg/Kg wet	0.0200		88.3	70-130	0.796	25	
Methyl Cyclohexane	0.0202	0.0020	0.0007	mg/Kg wet	0.0200		101	70-130	2.16	25	
Methylene Chloride	0.0167	0.020	0.0015	mg/Kg wet	0.0200		83.4	40-160	2.55	25	J †
4-Methyl-2-pentanone (MIBK)	0.173	0.020	0.0042	mg/Kg wet	0.200		86.3	70-160	0.290	25	†
Naphthalene	0.0173	0.0040	0.0005	mg/Kg wet	0.0200		86.5	40-130	1.61	25	†
n-Propylbenzene	0.0206	0.0020	0.0004	mg/Kg wet	0.0200		103	70-130	2.68	25	
Styrene	0.0205	0.0020	0.0004	mg/Kg wet	0.0200		102	70-130	1.36	25	
1,1,1,2-Tetrachloroethane	0.0212	0.0020	0.0005	mg/Kg wet	0.0200		106	70-130	2.51	25	
1,1,2,2-Tetrachloroethane	0.0212	0.0010	0.0005	mg/Kg wet	0.0200		106	70-130	0.659	25	
Tetrachloroethylene	0.0219	0.0020	0.0006	mg/Kg wet	0.0200		109	70-130	3.06	25	
Tetrahydrofuran	0.0156	0.010	0.0034	mg/Kg wet	0.0200		78.2	70-130	5.79	25	V-05
Toluene	0.0166	0.0020	0.0005	mg/Kg wet	0.0200		83.0	70-130	1.20	25	
1,2,3-Trichlorobenzene	0.0183	0.0020	0.0005	mg/Kg wet	0.0200		91.7	70-130	2.90	25	
1,2,4-Trichlorobenzene	0.0183	0.0020	0.0004	mg/Kg wet	0.0200		91.6	70-130	3.01	25	
1,3,5-Trichlorobenzene	0.0188	0.0020	0.0005	mg/Kg wet	0.0200		94.2	70-130	3.44	25	
1,1,1-Trichloroethane	0.0225	0.0020	0.0008	mg/Kg wet	0.0200		112	70-130	0.443	25	
1,1,2-Trichloroethane	0.0203	0.0020	0.0004	mg/Kg wet	0.0200		101	70-130	0.688	25	
Trichloroethylene	0.0217	0.0020	0.0006	mg/Kg wet	0.0200		108	70-130	1.37	25	
Trichlorofluoromethane (Freon 11)	0.0243	0.010	0.0004	mg/Kg wet	0.0200		122	70-130	2.25	25	
1,2,3-Trichloropropane	0.0193	0.0020	0.0010	mg/Kg wet	0.0200		96.5	70-130	1.85	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0238	0.010	0.0006	mg/Kg wet	0.0200		119	70-130	0.168	25	
1,2,4-Trimethylbenzene	0.0184	0.0020	0.0006	mg/Kg wet	0.0200		91.8	70-130	2.16	25	
1,3,5-Trimethylbenzene	0.0207	0.0020	0.0005	mg/Kg wet	0.0200		103	70-130	1.44	25	
Vinyl Chloride	0.0224	0.010	0.0006	mg/Kg wet	0.0200		112	40-130	0.628	25	†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B306069 - SW-846 5035
LCS Dup (B306069-BSD1)

Prepared & Analyzed: 04/18/22

m+p Xylene	0.0403	0.0040	0.0013	mg/Kg wet	0.0400		101	70-130	2.11	25	
o-Xylene	0.0198	0.0020	0.0004	mg/Kg wet	0.0200		99.0	70-130	1.70	25	
Surrogate: 1,2-Dichloroethane-d4	0.0538			mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0524			mg/Kg wet	0.0500		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.0519			mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL
Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B306053 - SW-846 5030B											
Blank (B306053-BLK1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.54	1.0	0.35	mg/Kg wet							J
Surrogate: 1-Chloro-3-fluorobenzene	13.8			µg/L	15.0		91.9	70-130			
LCS (B306053-BS1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.280	0.010	0.0035	mg/Kg wet	0.250		112	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	14.8			µg/L	15.0		99.0	70-130			
LCS Dup (B306053-BSD1)						Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	0.285	0.010	0.0035	mg/Kg wet	0.250		114	80-120	1.44	30	
Surrogate: 1-Chloro-3-fluorobenzene	12.9			µg/L	15.0		86.3	70-130			
Matrix Spike (B306053-MS1)						Source: 22D1102-01 Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	16.8	0.73	0.26	mg/Kg dry	18.3	0.467	89.1	80-120			
Surrogate: 1-Chloro-3-fluorobenzene	11.7			µg/L	15.0		77.9	70-130			
Matrix Spike Dup (B306053-MSD1)						Source: 22D1102-01 Prepared: 04/18/22 Analyzed: 04/19/22					
Gasoline Range Organics (GRO)	16.3	0.73	0.26	mg/Kg dry	18.3	0.467	86.5	80-120	2.84	30	
Surrogate: 1-Chloro-3-fluorobenzene	11.4			µg/L	15.0		75.8	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
U	Analyte included in the analysis, but not detected
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8015C in Soil</i>	
Gasoline Range Organics (GRO)	NY,VA,NH,NC
<i>SW-846 8260D in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
tert-Butyl Alcohol (TBA)	NY,ME
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromoethane (EDB)	NH,NY
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
trans-1,4-Dichloro-2-butene	NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Diethyl Ether	ME
1,4-Dioxane	NY,ME
Ethylbenzene	CT,NH,NY,ME,VA

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Soil</i>	
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY,ME
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA

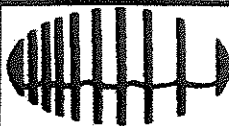
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Public Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2023
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022

Fax: 413-525-6405		Access COC's and Support Requests		Requested Turnaround Time		Dissolved Metals Samples		ANALYSIS REQUESTED																													
Company Name: Wilcox & Barton Inc		Address: 15 Commerce Dr Unit 2, Andover, NH		Phone: 603-369-4190		Project Name: DIRT003		Project Location: 1921 Dover Rd. Gosum NH		Project Number: DIRT003		Project Manager: R. Barton		Pace Quote Name/Number:		Invoice Recipient:		Sampled By: R. Barton		7-Day ☐ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date: 5-day		Field Filtered ☐ Lab to Filter ☐		H 10/-													
Project Name: DIRT003		Project Location: 1921 Dover Rd. Gosum NH		Project Number: DIRT003		Project Manager: R. Barton		Pace Quote Name/Number:		Invoice Recipient:		Sampled By: R. Barton		Format: PDF ☒ EXCEL ☒		Other:		CLP Like Data Pkg Required: ☐		Email To: r.barton@wilcoxandbarton.com		Fax To #: andbarton.com		Orthophosphate Samples		Field Filtered ☐ Lab to Filter ☐											
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I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples _____



con-test
ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client W 9 B

Received By NA Date 4/15/22 Time 1900

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____
Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 2 Actual Temp - 2.0
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
Was COC Relinquished? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all Client T Analysis T Sampler Name T
pertinent Information? Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified? _____

Are there Rushes? F Who was notified? _____

Are there Short Holds? F Who was notified? _____

Is there enough Volume? T

Is there Headspace where applicable? T MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? NA Acid _____ Base _____

Vials	#	Containers:	#	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear
Meoh-	<u>12</u>	250 mL Amb.		250 mL Plastic		4oz Amb/Clear
Bisulfate-	<u>12</u>	Flashpoint		Col./Bacteria		2oz Amb/Clear
DI-		Other Glass		Other Plastic		Encore
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:
Sulfuric-		Perchlorate		Ziplock		

Unused Media

Vials	#	Containers:	#	#	#	#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear
DI-		Other Plastic		Other Glass		Encore
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:
Sulfuric-		Perchlorate		Ziplock		

Comments:

APPENDIX E

Waste Disposal

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N H D 9 9 9 9 9 9 9 8		2. Page 1 of 1		3. Emergency Response Phone 800-535-5053		4. Waste Tracking Number 22-0224-NH-01	
		5. Generator's Name and Mailing Address Manant 1921, LLC dba Smoke & Barley Epsom 1921 Dover Road Epsom NH 03234 Generator's Phone: 603 830 8005		Att: Vipul Patel		Generator's Site Address (if different than mailing address)			
GENERATOR		6. Transporter 1 Company Name Strategic Environmental Services, Inc.						U.S. EPA ID Number M A C 3 0 0 1 0 2 4 2 3	
		7. Transporter 2 Company Name						U.S. EPA ID Number	
DESIGNATED FACILITY		8. Designated Facility Name and Site Address US Ecology Burlington, Inc. 54 Avenue D Williston VT 05495 Facility's Phone: 802 923 1941						U.S. EPA ID Number V T R 0 0 0 5 1 7 0 5 2	
		9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit Wt./Vol.	
TRANSPORTER		X 1. UN1203, Gasoline 3, PGII		XX 1 TP		330		G	
		2.							
		3.							
		4.							
INT'L		13. Special Handling Instructions and Additional Information 1)(L) Gasoline and Water For Reclamation; RCRA exempt per 40 CFR § 261.4(b)(4) OSCP Fuel exemption; EVI Approval F224591 BUR ERG#128 PM: T. Santa Fe							
		Emergency Contact: InfoTrac, Inc. CN#110775 800-535-5053 Job# 22-0224							
DESIGNATED FACILITY		14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.							
		Generator's/Offor's Printed/Typed Name Agent Fran Amero				Signature <i>[Signature]</i>		Month Day Year 06 29 22	
TRANSPORTER		15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
		Transporter Signature (for exports only): _____							
DESIGNATED FACILITY		16. Transporter Acknowledgment of Receipt of Materials							
		Transporter 1 Printed/Typed Name Francis P Amero Sr				Signature <i>[Signature]</i>		Month Day Year 06 29 22	
DESIGNATED FACILITY		Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY		17. Discrepancy							
		17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
DESIGNATED FACILITY		17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
		Facility's Phone: _____							
DESIGNATED FACILITY		17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
DESIGNATED FACILITY		18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
		Printed/Typed Name				Signature		Month Day Year	