



**NHDES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095**



**AUGUST 2023 DATA TRANSMITTAL
Former Epsom Circle Market
1921 Dover Road
Epsom, New Hampshire 03234**

**NHDES Site #: 199104001
Project Type: LUST
Project #: 2862**

Prepared For:
Rajipo 1921 LLC DBA Smoke N Barley
6 Williamsburg Avenue
Gilford, New Hampshire 03249
Phone Number: (603) 630-6005
RP Contact Name: Mr. Vipulkumar Patel
RP Contact Email: smokenbarley@gmail.com

Prepared By:
Wilcox & Barton, Inc.
#1B Commons Drive, Unit 12B
Londonderry, New Hampshire 03053
Phone Number: (603) 369-4190 x540
Contact Name: Ms. Madeleine B. Arold, E.I.T.
Contact Email: marold@wilcoxandbarton.com

Date of Report: September 13, 2023

Wilcox & Barton, Inc. Project #SMNB0002

September 13, 2023

Mr. Stanley Bonis, P.G.
New Hampshire Department of Environmental Services
29 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03302-0095

RE: August 2023 Data Transmittal
Former Epsom Circle Market, 1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001, Project Type: LUST, Project Number: 2862

Dear Mr. Bonis:

On behalf of Rajipo 1921 LLC DBA Smoke N Barley, Wilcox & Barton, Inc. is pleased to submit the following to convey the results of the August 2023 groundwater sampling event at the subject site:

- Well gauging data (Table 1);
- Groundwater analytical results (Table 2);
- Piezometric head elevation plan (Figure 1); and
- Laboratory analytical report.

The sampling was carried out in general accordance with the New Hampshire Department of Environmental Services (NHDES) Work Scope Authorization approved on March 6, 2023. Please note the following:

- Groundwater sampling was performed on August 23, 2023, using standard purging and sampling techniques with disposable bailers.
- All site monitoring wells were gauged for depth to water using a oil/water interface probe capable of measuring depth product and/or water to the nearest 0.01 foot. The presence of light non-aqueous phase liquid (LNAPL) was also investigated by slowly inserting a clean, clear, polyethylene bailer partway into the water column, retrieving it, and inspecting the contents. LNAPL was not measured or observed in any well.
- Groundwater samples were collected from monitoring wells MW-1, MW-2, and MW-3 and submitted for laboratory analysis of the NHDES Full List of Analytes for Volatile Organic Compounds (VOCs) by U.S. Environmental Protection Agency Method 8260.
- Acetone, a common laboratory contaminant, was detected at a concentration well below NHDES Ambient Groundwater Quality Standards (AGQS) for the first time in the sample collected from monitoring well MW-1.
- Tetrachloroethylene was detected at a concentration below AGQS in the sample collected from monitoring well MW-3.

- No VOCs were detected at concentrations above laboratory reporting limits (or AGQS) in the sample collected from monitoring well MW-2.

In accordance with NHDES correspondence dated July 21, 2023, Wilcox & Barton, Inc. will complete additional sampling of all site monitoring wells and the onsite drinking water well in October 2023 and April 2024.

Please call me at (603) 369-4190 x540 if you have any questions or require additional information.

Very truly yours,

WILCOX & BARTON, INC.



Madeleine B. Arold, E.I.T.
Project Engineer

Cc: Mr. Vipulkumar Patel

Attachments

TABLES

TABLE 1
Well Gauging and Piezometric Head Elevation Data
Former Epsom Circle Market
1921 Dover Road, Epsom, New Hampshire
NHDES Site #199104001

Well Identification	Gauging Date	Top of Casing Elevation (ft)	Depth to Water* (ft)	LNAPL Thickness (ft)	Piezometric Head Elevation (ft)
MW-1	5/24/23	99.92	5.70	--	94.22
	8/23/23	99.92	6.13	--	93.79
MW-2	5/24/23	98.94	5.68	--	93.26
	8/23/23	98.94	5.91	--	93.03
MW-3	5/24/23	93.23	5.07	--	88.16
	8/23/23	93.23	5.61	--	87.62

NOTE: Site surveyed on May 10, 2023. Top of casing elevations are referenced to an arbitrary benchmark set at a survey nail installed on the west side of Utility Pole #373 FP (assumed elevation 100.00 ft).

ft Feet.
* Depth from top of casing or designated measuring point.
LNAPL Light non-aqueous phase liquid.
-- No measurable LNAPL present.

TABLE 2
Groundwater Samples - Summary of Analytical Results
Former 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	MW-1		MW-2		MW-3	
				5/24/23	8/23/23	5/24/23	8/23/23	5/24/23	8/23/23
Volatile Organic Compounds (VOCs) by EPA Method 8260									
Acetone	6,000	5.1 J	4.4 J	50 U	2.4 J	50 U	50 U	50 U	50 U
Benzene	5	25	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (MEK)	4,000	5.4 J	2.3 J	20 U	20 U	20 U	20 U	20 U	20 U
n-Butylbenzene	260	0.27 J	0.50 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	260	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	70	2.0 U	2.0 U	0.45 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Ethylbenzene	700	20	5.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	800	0.67 J	0.39 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-Butyl Ether (MTBE)	13	0.69 J	0.43 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Cyclohexane	NS	0.55 J	0.49 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	100	2.9	0.71 J	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 UJ
n-Propylbenzene	260	1.2	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethylene (PCE)	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.19 J	0.47 J
Toluene	1,000	190	45	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	330	16	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	330	3.6	2.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10,000	104	28	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

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.

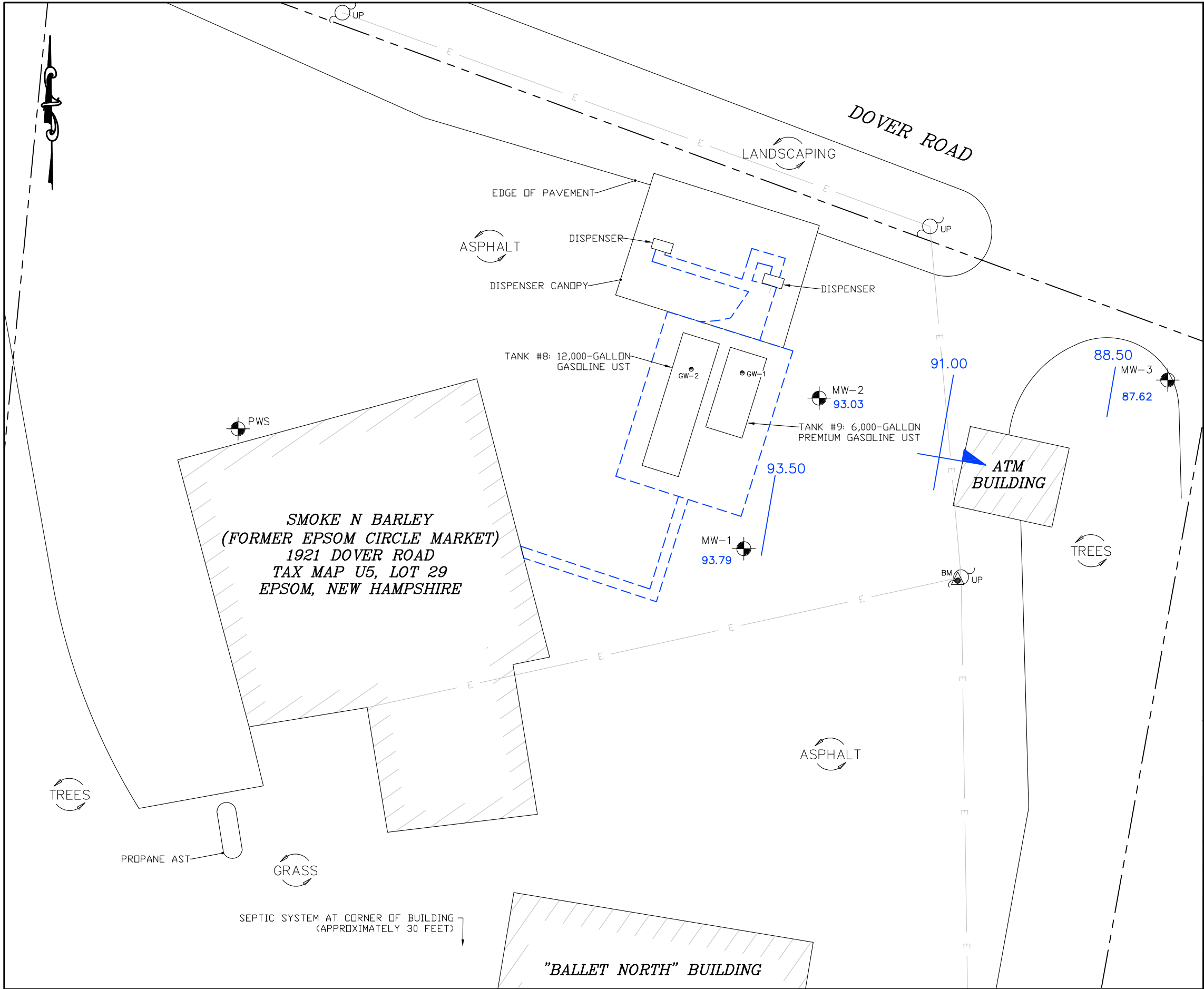
J Estimated concentration.

NS No standard established.

bold Detected concentration exceeds AGQS.

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

FIGURE

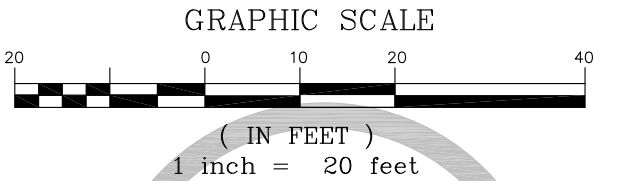


LEGEND

- AST/UST ABOVEGROUND STORAGE TANK/ UNDERGROUND STORAGE TANK
- APPROXIMATE EXTENT OF APRIL 2022 UST UPGRADE EXCAVATION
- APPROXIMATE PROPERTY LINE
- LOCATION OF GROUNDWATER SAMPLE COLLECTED FOR LABORATORY ANALYSIS DURING APRIL 2022 UST UPGRADES
- BENCHMARK (ASSUMED 100.00 FT)
- PRIVATE WATER SUPPLY WELL – INACTIVE PUBLIC WATER SYSTEM (PWS) #0778090
- MONITORING WELL WITH PIEZOMETRIC HEAD ELEVATION RELATIVE TO BENCHMARK
- GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- UTILITY POLE
- OVERHEAD ELECTRICAL LINE

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- PLAN BASED ON WILCOX & BARTON, INC. SITE VISITS, TOWN OF EPSOM GIS INFORMATION, AND AERIAL IMAGERY.
- THIS PLAN IS NOT A PROFESSIONAL SURVEY AND IS NOT INTENDED FOR SURVEY PURPOSES.



Wilcox & Barton INC. CIVIL · ENVIRONMENTAL · GEOTECHNICAL		
TITLE PIEZOMETRIC HEAD ELEVATION PLAN		
Gauging Date: August 23, 2023		
DATE May 4, 2022	SCALE GRAPHIC	FILE SMNB0002_Site Plan
APPROVED BY MBA	DRAWN BY MMN	REVISED August 28, 2023
CLIENT Rajipo 1921 LLC DBA Smoke N Barley	JOB NUMBER SMNB002	
LOCATION Former Epsom Circle Market 1921 Dover Road Epsom, New Hampshire NHDES Site #199104001	DRAWING NUMBER FIGURE 1	

LABORATORY REPORT



August 30, 2023

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

Project Location: 1921 Dover Rd., Epsom, NH
Client Job Number:
Project Number: SMNB0002
Laboratory Work Order Number: 23H3715

Enclosed are results of analyses for samples as received by the laboratory on August 24, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kaitlyn A. Feliciano
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: Madeleine Arold

REPORT DATE: 8/30/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: SMNB0002

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23H3715

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
MW-1	23H3715-01	Ground Water		SW-846 8260D	
MW-2	23H3715-02	Ground Water		SW-846 8260D	
MW-3	23H3715-03	Ground Water		SW-846 8260D	

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:**1,2-Dibromo-3-chloropropane (DBP)**

23H3715-01[MW-1], 23H3715-02[MW-2], 23H3715-03[MW-3], B350292-BLK1, B350292-BS1, B350292-BSD1, S092682-CCV1

1,4-Dioxane

23H3715-01[MW-1], 23H3715-02[MW-2], 23H3715-03[MW-3], B350292-BLK1, B350292-BS1, B350292-BSD1, S092682-CCV1

Bromoform

23H3715-01[MW-1], 23H3715-02[MW-2], 23H3715-03[MW-3], B350292-BLK1, B350292-BS1, B350292-BSD1, S092682-CCV1

Naphthalene

23H3715-01[MW-1], 23H3715-02[MW-2], 23H3715-03[MW-3], B350292-BLK1, B350292-BS1, B350292-BSD1, S092682-CCV1

tert-Butyl Alcohol (TBA)

23H3715-01[MW-1], 23H3715-02[MW-2], 23H3715-03[MW-3], B350292-BLK1, B350292-BS1, B350292-BSD1, S092682-CCV1

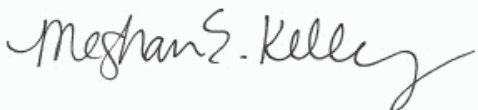
V-20
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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

B350292-BS1, B350292-BSD1, S092682-CCV1

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.



Meghan E. Kelley
Reporting Specialist

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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-1

Sampled: 8/23/2023 09:10

Sample ID: 23H3715-01

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	2.4	50	2.0	µg/L	1	J	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Benzene	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Bromomethane	ND	2.0	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Chloroethane	ND	2.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Chloroform	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Chloromethane	ND	2.0	0.50	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-1

Sampled: 8/23/2023 09:10

Sample ID: 23H3715-01

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	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,4-Dioxane	ND	50	18	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Styrene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Toluene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
o-Xylene	ND	1.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:25	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	108	70-130								
Toluene-d8	98.8	70-130								
4-Bromofluorobenzene	82.3	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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-2

Sampled: 8/23/2023 09:15

Sample ID: 23H3715-02

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	ND	50	2.0	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Benzene	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Bromomethane	ND	2.0	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Chloroethane	ND	2.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Chloroform	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Chloromethane	ND	2.0	0.50	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-2

Sampled: 8/23/2023 09:15

Sample ID: 23H3715-02

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	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,4-Dioxane	ND	50	18	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Styrene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Tetrachloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Toluene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
o-Xylene	ND	1.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 14:52	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	106	70-130								
Toluene-d8	97.8	70-130								
4-Bromofluorobenzene	82.8	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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-3

Sampled: 8/23/2023 09:20

Sample ID: 23H3715-03

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	ND	50	2.0	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Acrylonitrile	ND	5.0	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Benzene	ND	1.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Bromochloromethane	ND	1.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Bromodichloromethane	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Bromoform	ND	1.0	0.41	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Bromomethane	ND	2.0	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
2-Butanone (MEK)	ND	20	1.7	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
n-Butylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
sec-Butylbenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
tert-Butylbenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Carbon Disulfide	ND	5.0	1.6	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Chlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Chlorodibromomethane	ND	0.50	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Chloroethane	ND	2.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Chloroform	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Chloromethane	ND	2.0	0.50	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
2-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
4-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Dibromomethane	ND	1.0	0.32	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Diethyl Ether	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	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: 23H3715

Date Received: 8/24/2023

Field Sample #: MW-3

Sampled: 8/23/2023 09:20

Sample ID: 23H3715-03

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	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,4-Dioxane	ND	50	18	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Ethylbenzene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
2-Hexanone (MBK)	ND	10	1.2	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Methyl Acetate	ND	1.0	0.61	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Methyl Cyclohexane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Methylene Chloride	ND	5.0	0.18	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Naphthalene	ND	2.0	0.38	µg/L	1	V-05, U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
n-Propylbenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Styrene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Tetrachloroethylene	0.47	1.0	0.17	µg/L	1	J	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Toluene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Trichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Vinyl Chloride	ND	2.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
m+p Xylene	ND	2.0	0.49	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
o-Xylene	ND	1.0	0.24	µg/L	1	U	SW-846 8260D	8/28/23	8/28/23 15:18	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	109		70-130				8/28/23 15:18			
Toluene-d8	97.0		70-130				8/28/23 15:18			
4-Bromofluorobenzene	83.6		70-130				8/28/23 15:18			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332**Sample Extraction Data****Prep Method: SW-846 5030B-SW-846 8260D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23H3715-01 [MW-1]	B350292	5	5.00	08/28/23
23H3715-02 [MW-2]	B350292	5	5.00	08/28/23
23H3715-03 [MW-3]	B350292	5	5.00	08/28/23

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 B350292 - SW-846 5030B
Blank (B350292-BLK1)

Prepared & Analyzed: 08/28/23

Acetone	ND	50	2.0	µg/L							U
Acrylonitrile	ND	5.0	0.47	µg/L							U
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L							U
Benzene	ND	1.0	0.18	µg/L							U
Bromobenzene	ND	1.0	0.15	µg/L							U
Bromochloromethane	ND	1.0	0.28	µg/L							U
Bromodichloromethane	ND	0.50	0.16	µg/L							U
Bromoform	ND	1.0	0.41	µg/L							V-05, U
Bromomethane	ND	2.0	1.3	µg/L							U
2-Butanone (MEK)	ND	20	1.7	µg/L							U
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L							V-05, U
n-Butylbenzene	ND	1.0	0.15	µg/L							U
sec-Butylbenzene	ND	1.0	0.13	µg/L							U
tert-Butylbenzene	ND	1.0	0.14	µg/L							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L							U
Carbon Disulfide	ND	5.0	1.6	µg/L							U
Carbon Tetrachloride	ND	5.0	0.16	µg/L							U
Chlorobenzene	ND	1.0	0.12	µg/L							U
Chlorodibromomethane	ND	0.50	0.20	µg/L							U
Chloroethane	ND	2.0	0.34	µg/L							U
Chloroform	ND	2.0	0.14	µg/L							U
Chloromethane	ND	2.0	0.50	µg/L							U
2-Chlorotoluene	ND	1.0	0.15	µg/L							U
4-Chlorotoluene	ND	1.0	0.15	µg/L							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L							V-05, U
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L							U
Dibromomethane	ND	1.0	0.32	µg/L							U
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L							U
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L							U
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L							U
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L							U
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L							U
1,1-Dichloroethane	ND	1.0	0.14	µg/L							U
1,2-Dichloroethane	ND	1.0	0.30	µg/L							U
1,1-Dichloroethylene	ND	1.0	0.14	µg/L							U
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L							U
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L							U
1,2-Dichloropropane	ND	1.0	0.19	µg/L							U
1,3-Dichloropropane	ND	0.50	0.12	µg/L							U
2,2-Dichloropropane	ND	1.0	0.35	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	0.14	µg/L							U
Diethyl Ether	ND	2.0	0.14	µg/L							U
Diisopropyl Ether (DIPE)	ND	0.50	0.20	µg/L							U
1,4-Dioxane	ND	50	18	µg/L							V-05, U
Ethylbenzene	ND	1.0	0.22	µg/L							U
Hexachlorobutadiene	ND	0.60	0.47	µg/L							U
2-Hexanone (MBK)	ND	10	1.2	µg/L							U
Isopropylbenzene (Cumene)	ND	1.0	0.15	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 B350292 - SW-846 5030B
Blank (B350292-BLK1)

Prepared & Analyzed: 08/28/23

p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L							U
Methyl Acetate	ND	1.0	0.61	µg/L							U
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L							U
Methyl Cyclohexane	ND	1.0	0.16	µg/L							U
Methylene Chloride	ND	5.0	0.18	µg/L							U
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L							U
Naphthalene	ND	2.0	0.38	µg/L							V-05, U
n-Propylbenzene	ND	1.0	0.12	µg/L							U
Styrene	ND	1.0	0.15	µg/L							U
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L							U
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L							U
Tetrachloroethylene	ND	1.0	0.17	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	0.34	µg/L							U
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L							U
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L							U
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L							U
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L							U
Trichloroethylene	ND	1.0	0.17	µg/L							U
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	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	0.21	µg/L							U
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L							U
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L							U
Vinyl Chloride	ND	2.0	0.24	µg/L							U
m+p Xylene	ND	2.0	0.49	µg/L							U
o-Xylene	ND	1.0	0.24	µg/L							U
Surrogate: 1,2-Dichloroethane-d4	25.2			µg/L	25.0		101	70-130			
Surrogate: Toluene-d8	24.0			µg/L	25.0		96.1	70-130			
Surrogate: 4-Bromofluorobenzene	21.4			µg/L	25.0		85.6	70-130			

LCS (B350292-BS1)

Prepared & Analyzed: 08/28/23

Acetone	97.0	50	2.0	µg/L	100		97.0	70-160			†
Acrylonitrile	10.5	5.0	0.47	µg/L	10.0		105	70-130			
tert-Amyl Methyl Ether (TAME)	9.65	0.50	0.13	µg/L	10.0		96.5	70-130			
Benzene	10.8	1.0	0.18	µg/L	10.0		108	70-130			
Bromobenzene	9.70	1.0	0.15	µg/L	10.0		97.0	70-130			
Bromochloromethane	11.6	1.0	0.28	µg/L	10.0		116	70-130			
Bromodichloromethane	10.1	0.50	0.16	µg/L	10.0		101	70-130			
Bromoform	8.12	1.0	0.41	µg/L	10.0		81.2	70-130			V-05
Bromomethane	10.7	2.0	1.3	µg/L	10.0		107	40-160			†
2-Butanone (MEK)	110	20	1.7	µg/L	100		110	40-160			†
tert-Butyl Alcohol (TBA)	78.7	20	4.3	µg/L	100		78.7	40-160			V-05 †
n-Butylbenzene	9.66	1.0	0.15	µg/L	10.0		96.6	70-130			
sec-Butylbenzene	9.24	1.0	0.13	µg/L	10.0		92.4	70-130			
tert-Butylbenzene	8.70	1.0	0.14	µg/L	10.0		87.0	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.2	0.50	0.15	µg/L	10.0		102	70-130			
Carbon Disulfide	97.3	5.0	1.6	µg/L	100		97.3	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
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Batch B350292 - SW-846 5030B
LCS (B350292-BS1)

Prepared & Analyzed: 08/28/23

Carbon Tetrachloride	9.87	5.0	0.16	µg/L	10.0		98.7	70-130			
Chlorobenzene	9.81	1.0	0.12	µg/L	10.0		98.1	70-130			
Chlorodibromomethane	9.40	0.50	0.20	µg/L	10.0		94.0	70-130			
Chloroethane	9.95	2.0	0.34	µg/L	10.0		99.5	70-130			
Chloroform	10.1	2.0	0.14	µg/L	10.0		101	70-130			
Chloromethane	11.4	2.0	0.50	µg/L	10.0		114	40-160			V-20 †
2-Chlorotoluene	9.52	1.0	0.15	µg/L	10.0		95.2	70-130			
4-Chlorotoluene	9.62	1.0	0.15	µg/L	10.0		96.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.39	5.0	0.85	µg/L	10.0		83.9	70-130			V-05
1,2-Dibromoethane (EDB)	10.2	0.50	0.16	µg/L	10.0		102	70-130			
Dibromomethane	10.3	1.0	0.32	µg/L	10.0		103	70-130			
1,2-Dichlorobenzene	9.69	1.0	0.13	µg/L	10.0		96.9	70-130			
1,3-Dichlorobenzene	9.68	1.0	0.14	µg/L	10.0		96.8	70-130			
1,4-Dichlorobenzene	9.47	1.0	0.13	µg/L	10.0		94.7	70-130			
trans-1,4-Dichloro-2-butene	7.85	2.0	1.5	µg/L	10.0		78.5	70-130			
Dichlorodifluoromethane (Freon 12)	10.5	2.0	0.16	µg/L	10.0		105	40-160			†
1,1-Dichloroethane	10.2	1.0	0.14	µg/L	10.0		102	70-130			
1,2-Dichloroethane	9.36	1.0	0.30	µg/L	10.0		93.6	70-130			
1,1-Dichloroethylene	9.41	1.0	0.14	µg/L	10.0		94.1	70-130			
cis-1,2-Dichloroethylene	9.81	1.0	0.14	µg/L	10.0		98.1	70-130			
trans-1,2-Dichloroethylene	9.63	1.0	0.17	µg/L	10.0		96.3	70-130			
1,2-Dichloropropane	10.5	1.0	0.19	µg/L	10.0		105	70-130			
1,3-Dichloropropane	10.2	0.50	0.12	µg/L	10.0		102	70-130			
2,2-Dichloropropane	9.32	1.0	0.35	µg/L	10.0		93.2	40-130			†
1,1-Dichloropropene	9.91	2.0	0.15	µg/L	10.0		99.1	70-130			
cis-1,3-Dichloropropene	10.3	0.50	0.16	µg/L	10.0		103	70-130			
trans-1,3-Dichloropropene	9.94	0.50	0.14	µg/L	10.0		99.4	70-130			
Diethyl Ether	9.95	2.0	0.14	µg/L	10.0		99.5	70-130			
Diisopropyl Ether (DIPE)	10.8	0.50	0.20	µg/L	10.0		108	70-130			
1,4-Dioxane	88.2	50	18	µg/L	100		88.2	40-130			V-05 †
Ethylbenzene	9.33	1.0	0.22	µg/L	10.0		93.3	70-130			
Hexachlorobutadiene	10.9	0.60	0.47	µg/L	10.0		109	70-130			
2-Hexanone (MBK)	98.0	10	1.2	µg/L	100		98.0	70-160			†
Isopropylbenzene (Cumene)	8.91	1.0	0.15	µg/L	10.0		89.1	70-130			
p-Isopropyltoluene (p-Cymene)	9.36	1.0	0.13	µg/L	10.0		93.6	70-130			
Methyl Acetate	9.25	1.0	0.61	µg/L	10.0		92.5	70-130			
Methyl tert-Butyl Ether (MTBE)	9.46	1.0	0.17	µg/L	10.0		94.6	70-130			
Methyl Cyclohexane	10.5	1.0	0.16	µg/L	10.0		105	70-130			
Methylene Chloride	9.79	5.0	0.18	µg/L	10.0		97.9	70-130			
4-Methyl-2-pentanone (MIBK)	94.5	10	1.3	µg/L	100		94.5	70-160			†
Naphthalene	6.90	2.0	0.38	µg/L	10.0		69.0	40-130			V-05 †
n-Propylbenzene	9.61	1.0	0.12	µg/L	10.0		96.1	70-130			
Styrene	9.11	1.0	0.15	µg/L	10.0		91.1	70-130			
1,1,1,2-Tetrachloroethane	9.85	1.0	0.16	µg/L	10.0		98.5	70-130			
1,1,2,2-Tetrachloroethane	9.60	0.50	0.14	µg/L	10.0		96.0	70-130			
Tetrachloroethylene	9.94	1.0	0.17	µg/L	10.0		99.4	70-130			
Tetrahydrofuran	10.2	10	0.49	µg/L	10.0		102	70-130			
Toluene	10.2	1.0	0.22	µg/L	10.0		102	70-130			
1,2,3-Trichlorobenzene	8.71	5.0	0.34	µg/L	10.0		87.1	70-130			
1,2,4-Trichlorobenzene	8.13	1.0	0.30	µg/L	10.0		81.3	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
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Batch B350292 - SW-846 5030B
LCS (B350292-BS1)

Prepared & Analyzed: 08/28/23

1,3,5-Trichlorobenzene	9.52	1.0	0.21	µg/L	10.0		95.2	70-130			
1,1,1-Trichloroethane	10.1	1.0	0.15	µg/L	10.0		101	70-130			
1,1,2-Trichloroethane	9.87	1.0	0.19	µg/L	10.0		98.7	70-130			
Trichloroethylene	9.90	1.0	0.17	µg/L	10.0		99.0	70-130			
Trichlorofluoromethane (Freon 11)	9.21	2.0	0.15	µg/L	10.0		92.1	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)	10.0	1.0	0.21	µg/L	10.0		100	70-130			
1,2,4-Trimethylbenzene	8.87	1.0	0.20	µg/L	10.0		88.7	70-130			
1,3,5-Trimethylbenzene	9.15	1.0	0.15	µg/L	10.0		91.5	70-130			
Vinyl Chloride	11.2	2.0	0.24	µg/L	10.0		112	40-160			†
m+p Xylene	19.0	2.0	0.49	µg/L	20.0		95.1	70-130			
o-Xylene	8.96	1.0	0.24	µg/L	10.0		89.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.0			µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	25.7			µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	23.6			µg/L	25.0		94.3	70-130			

LCS Dup (B350292-BSD1)

Prepared & Analyzed: 08/28/23

Acetone	102	50	2.0	µg/L	100		102	70-160	4.61	25	†
Acrylonitrile	10.6	5.0	0.47	µg/L	10.0		106	70-130	0.850	25	
tert-Amyl Methyl Ether (TAME)	9.97	0.50	0.13	µg/L	10.0		99.7	70-130	3.26	25	
Benzene	10.8	1.0	0.18	µg/L	10.0		108	70-130	0.185	25	
Bromobenzene	9.53	1.0	0.15	µg/L	10.0		95.3	70-130	1.77	25	
Bromochloromethane	11.8	1.0	0.28	µg/L	10.0		118	70-130	1.28	25	
Bromodichloromethane	10.3	0.50	0.16	µg/L	10.0		103	70-130	2.25	25	
Bromoform	8.13	1.0	0.41	µg/L	10.0		81.3	70-130	0.123	25	V-05
Bromomethane	10.8	2.0	1.3	µg/L	10.0		108	40-160	1.12	25	†
2-Butanone (MEK)	112	20	1.7	µg/L	100		112	40-160	1.75	25	†
tert-Butyl Alcohol (TBA)	81.5	20	4.3	µg/L	100		81.5	40-160	3.56	25	V-05 †
n-Butylbenzene	9.80	1.0	0.15	µg/L	10.0		98.0	70-130	1.44	25	
sec-Butylbenzene	9.11	1.0	0.13	µg/L	10.0		91.1	70-130	1.42	25	
tert-Butylbenzene	8.78	1.0	0.14	µg/L	10.0		87.8	70-130	0.915	25	
tert-Butyl Ethyl Ether (TBEE)	9.95	0.50	0.15	µg/L	10.0		99.5	70-130	2.68	25	
Carbon Disulfide	99.2	5.0	1.6	µg/L	100		99.2	70-130	1.89	25	
Carbon Tetrachloride	9.86	5.0	0.16	µg/L	10.0		98.6	70-130	0.101	25	
Chlorobenzene	9.99	1.0	0.12	µg/L	10.0		99.9	70-130	1.82	25	
Chlorodibromomethane	9.37	0.50	0.20	µg/L	10.0		93.7	70-130	0.320	25	
Chloroethane	9.27	2.0	0.34	µg/L	10.0		92.7	70-130	7.08	25	
Chloroform	10.3	2.0	0.14	µg/L	10.0		103	70-130	2.06	25	
Chloromethane	11.7	2.0	0.50	µg/L	10.0		117	40-160	2.33	25	V-20 †
2-Chlorotoluene	9.27	1.0	0.15	µg/L	10.0		92.7	70-130	2.66	25	
4-Chlorotoluene	9.53	1.0	0.15	µg/L	10.0		95.3	70-130	0.940	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.21	5.0	0.85	µg/L	10.0		92.1	70-130	9.32	25	V-05
1,2-Dibromoethane (EDB)	9.86	0.50	0.16	µg/L	10.0		98.6	70-130	3.19	25	
Dibromomethane	10.2	1.0	0.32	µg/L	10.0		102	70-130	0.488	25	
1,2-Dichlorobenzene	9.76	1.0	0.13	µg/L	10.0		97.6	70-130	0.720	25	
1,3-Dichlorobenzene	9.84	1.0	0.14	µg/L	10.0		98.4	70-130	1.64	25	
1,4-Dichlorobenzene	9.29	1.0	0.13	µg/L	10.0		92.9	70-130	1.92	25	
trans-1,4-Dichloro-2-butene	7.76	2.0	1.5	µg/L	10.0		77.6	70-130	1.15	25	
Dichlorodifluoromethane (Freon 12)	10.6	2.0	0.16	µg/L	10.0		106	40-160	0.757	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 B350292 - SW-846 5030B											
LCS Dup (B350292-BSD1)					Prepared & Analyzed: 08/28/23						
1,1-Dichloroethane	10.4	1.0	0.14	µg/L	10.0		104	70-130	1.84	25	
1,2-Dichloroethane	9.33	1.0	0.30	µg/L	10.0		93.3	70-130	0.321	25	
1,1-Dichloroethylene	9.44	1.0	0.14	µg/L	10.0		94.4	70-130	0.318	25	
cis-1,2-Dichloroethylene	10.1	1.0	0.14	µg/L	10.0		101	70-130	2.52	25	
trans-1,2-Dichloroethylene	9.47	1.0	0.17	µg/L	10.0		94.7	70-130	1.68	25	
1,2-Dichloropropane	10.7	1.0	0.19	µg/L	10.0		107	70-130	1.89	25	
1,3-Dichloropropane	9.99	0.50	0.12	µg/L	10.0		99.9	70-130	1.98	25	
2,2-Dichloropropane	9.36	1.0	0.35	µg/L	10.0		93.6	40-130	0.428	25	†
1,1-Dichloropropene	10.4	2.0	0.15	µg/L	10.0		104	70-130	4.92	25	
cis-1,3-Dichloropropene	10.2	0.50	0.16	µg/L	10.0		102	70-130	1.36	25	
trans-1,3-Dichloropropene	9.86	0.50	0.14	µg/L	10.0		98.6	70-130	0.808	25	
Diethyl Ether	10.2	2.0	0.14	µg/L	10.0		102	70-130	2.58	25	
Diisopropyl Ether (DIPE)	11.0	0.50	0.20	µg/L	10.0		110	70-130	1.65	25	
1,4-Dioxane	89.3	50	18	µg/L	100		89.3	40-130	1.15	50	V-05 † ‡
Ethylbenzene	9.49	1.0	0.22	µg/L	10.0		94.9	70-130	1.70	25	
Hexachlorobutadiene	10.6	0.60	0.47	µg/L	10.0		106	70-130	2.80	25	
2-Hexanone (MBK)	91.8	10	1.2	µg/L	100		91.8	70-160	6.51	25	†
Isopropylbenzene (Cumene)	8.99	1.0	0.15	µg/L	10.0		89.9	70-130	0.894	25	
p-Isopropyltoluene (p-Cymene)	9.17	1.0	0.13	µg/L	10.0		91.7	70-130	2.05	25	
Methyl Acetate	9.02	1.0	0.61	µg/L	10.0		90.2	70-130	2.52	25	
Methyl tert-Butyl Ether (MTBE)	9.50	1.0	0.17	µg/L	10.0		95.0	70-130	0.422	25	
Methyl Cyclohexane	10.2	1.0	0.16	µg/L	10.0		102	70-130	2.22	25	
Methylene Chloride	10.0	5.0	0.18	µg/L	10.0		100	70-130	2.22	25	
4-Methyl-2-pentanone (MIBK)	95.6	10	1.3	µg/L	100		95.6	70-160	1.12	25	†
Naphthalene	6.96	2.0	0.38	µg/L	10.0		69.6	40-130	0.866	25	V-05 †
n-Propylbenzene	9.48	1.0	0.12	µg/L	10.0		94.8	70-130	1.36	25	
Styrene	9.31	1.0	0.15	µg/L	10.0		93.1	70-130	2.17	25	
1,1,1,2-Tetrachloroethane	9.67	1.0	0.16	µg/L	10.0		96.7	70-130	1.84	25	
1,1,2,2-Tetrachloroethane	9.41	0.50	0.14	µg/L	10.0		94.1	70-130	2.00	25	
Tetrachloroethylene	9.64	1.0	0.17	µg/L	10.0		96.4	70-130	3.06	25	
Tetrahydrofuran	11.1	10	0.49	µg/L	10.0		111	70-130	7.89	25	
Toluene	9.84	1.0	0.22	µg/L	10.0		98.4	70-130	3.10	25	
1,2,3-Trichlorobenzene	8.52	5.0	0.34	µg/L	10.0		85.2	70-130	2.21	25	
1,2,4-Trichlorobenzene	8.00	1.0	0.30	µg/L	10.0		80.0	70-130	1.61	25	
1,3,5-Trichlorobenzene	9.54	1.0	0.21	µg/L	10.0		95.4	70-130	0.210	25	
1,1,1-Trichloroethane	10.1	1.0	0.15	µg/L	10.0		101	70-130	0.0987	25	
1,1,2-Trichloroethane	10.4	1.0	0.19	µg/L	10.0		104	70-130	5.33	25	
Trichloroethylene	9.71	1.0	0.17	µg/L	10.0		97.1	70-130	1.94	25	
Trichlorofluoromethane (Freon 11)	9.32	2.0	0.15	µg/L	10.0		93.2	70-130	1.19	25	
1,2,3-Trichloropropane	12.0	2.0	0.28	µg/L	10.0		120	70-130	1.17	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	0.21	µg/L	10.0		100	70-130	0.100	25	
1,2,4-Trimethylbenzene	9.07	1.0	0.20	µg/L	10.0		90.7	70-130	2.23	25	
1,3,5-Trimethylbenzene	9.16	1.0	0.15	µg/L	10.0		91.6	70-130	0.109	25	
Vinyl Chloride	10.8	2.0	0.24	µg/L	10.0		108	40-160	3.45	25	†
m+p Xylene	18.6	2.0	0.49	µg/L	20.0		93.0	70-130	2.23	25	
o-Xylene	8.93	1.0	0.24	µg/L	10.0		89.3	70-130	0.335	25	
Surrogate: 1,2-Dichloroethane-d4	24.5			µg/L	25.0		97.9	70-130			
Surrogate: Toluene-d8	25.3			µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	23.5			µg/L	25.0		94.0	70-130			

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.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<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
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

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
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
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
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

Effective Date: 07/13/2023

Short Hold: Yes / No / Notify_____



DC#_ Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

	Sample	Soils Jars (Circle Amb/Clear)	Ambers			Plastics								VOA Vials					Other / Fill in			
			1 Liter	250mL	100mL	1 Liter	500mL	250mL				Unpreserved	HCl	MeOH	D.I. Water	BiSulfate	Col/Bact					
1	16oz Amb/Clear																					
2	8oz Amb/Clear																					
3	4oz Amb/Clear																					
4	2oz Amb/Clear																					
5	Unpreserved																					
6	HCL																					
7	Sulfuric																					
8	Sulfuric																					
9	Phosphoric																					
10	HCl																					
11	Unpreserved																					
12	Unpreserved																					
13	Sulfuric																					
14	Sulfuric																					
15	Phosphoric																					
16	HCl																					
17	Unpreserved																					
18	Unpreserved																					
19	Sulfuric																					
20	Sulfuric																					