



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



**OCTOBER 2023 DATA TRANSMITTAL
Don's Market, Inc.
219 Main Street
Hampstead, New Hampshire 03841**

**NHDES Site #: 199611004
Project Type: LUST
Project Number: 6958**

Prepared For:
Don's Market, Inc.
219 Main Street
Hampstead, New Hampshire 03841
Phone Number: (603) 329-6621
RP Contact Name: Mr. Wayne Dumas
RP Contact Email: wdumas@comcast.net

Prepared By:
Wilcox & Barton, Inc.
#1B Commons Drive, Unit 12B
Londonderry, New Hampshire 03053
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Contact Email: marold@wilcoxandbarton.com

Date of Report: November 6, 2023

Wilcox & Barton, Inc. Project #DUMA0001



Groundwater Monitoring Report Cover Sheet



Site Name: [Don's Market, Inc.](#)

Town: [Hampstead](#)

Permit #: [GWP-199611004-H-005](#)

Type of Submittal *(Check all that apply)*

- ☐ Periodic Summary Report (year):
- ☒ Data Submittal (month and year per Condition #7 of Permit): [October 2023](#)

Check each box where the answer to any of the following questions is "YES"

Sampling Results

- ☐ During the most recent monitoring event, were any **new** compounds detected at any sampling point?
Well/Compound:
- ☐ Are there any detections of contamination in drinking water that is untreated prior to use?
Well/Compound:
- ☐ Do compounds detected exceed AGQS?
- ☐ Was free product detected for the **first time** in any monitoring point?
- ☐ Surface Water (*visible sheen*)
- ☐ Groundwater (*1/8" or greater thickness*)
Location/Thickness:

Contaminant Trends

- ☐ Do sampling results show an increasing concentration trend in any source area monitoring well?
Well/Compound:
- ☐ Do sampling results indicate an AGQS violation in any of the GMZ boundary wells?
Well/Compound:

Recommendations

- ☒ Does the report include any recommendations requiring DES action? *(Do not check this box if the only recommendation is to continue with existing permit conditions.)*

[Replace the concrete pads on wells MW-3 and MW-5.](#)

November 6, 2023

Groundwater Management Permits Coordinator
New Hampshire Department of Environmental Services
29 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03302-0095

RE: October 2023 Data Transmittal
Don's Market, 219 Main Street, Hampstead, New Hampshire 03841
Groundwater Management Permit #GWP-199611004-H-005

Dear Coordinator:

On behalf of Don's Market, Inc., Wilcox & Barton, Inc. is pleased to submit the following to convey the results of the October 2023 groundwater monitoring event at the subject site:

- Groundwater elevation gauging results (Table 1);
- Groundwater quality data summary (Table 2);
- Recent drinking water quality data summary (Table 3);
- Historical drinking water quality data summary (Table A);
- Piezometric head elevation plan (Figure 1);
- Photographs; and
- Analytical laboratory report.

The sampling event was carried out in general accordance with the Groundwater Management Permit (GMP) issued December 21, 2022, a Work Scope Authorization approved by the New Hampshire Department of Environmental Services (NHDES) on February 16, 2023. Please note the following:

- Sampling was performed on October 20, 2023, using standard purging and sampling techniques with disposable bailers.
- The four existing monitoring wells were gauged for depth to water with a water level meter capable of measuring depth to water to the nearest 0.01 foot. The presence of light non-aqueous phase liquid (LNAPL) was investigated by slowly inserting a clean, clear, polyethylene bailer partway into the water column, retrieving it, and inspecting the contents. Measurable LNAPL was not observed in any well; however, sheen was observed on purge water from monitoring well MW-5 and recovery well RW-1. The concrete pads on wells MW-3 and MW-5 were identified to be cracked and in need of replacement.

- The four GMP wells (MW-3, MW-4, MW-5, and RW-1) were sampled for the NHDES Waste Management Division Full List of Analytes for Volatile Organic Compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260. A drinking water sample was collected from the private water supply well serving the site (PDW-1) and submitted for analysis of VOCs by EPA Method 524.2
- One or more VOCs were detected at concentrations above NHDES Ambient Groundwater Quality Standards (AGQS) in the samples collected from wells MW-5 and RW-1. Several VOCs were detected at concentrations below AGQS in all four samples.
- No VOCs were detected above laboratory reporting limits (and/or AGQS) in the water supply well sample PDW-1. The last time this well was sampled was in July 2015. Historical drinking water data for the site well is included in Table A for reference.

Wilcox & Barton, Inc. recommends repairing the concrete pads on wells MW-3 and MW-5. The next monitoring event is scheduled for October 2024 in accordance with the GMP. 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, EIT
Project Engineer

cc: Mr. Wayne Dumas, Don's Market, Inc.

Attachments

TABLES

TABLE 1
Well Gauging and Piezometric Head Elevation Data
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Well Identification	Bedrock (B) or Overburden (O) Well	Gauging Date	Top of Casing Elevation (ft)	LNAPL Thickness (ft)	Depth to Water* (ft)	Piezometric Head Elevation (ft)
MW-3	O	4/9/18	98.33	--	2.54	95.79
		10/5/18	98.33	--	3.07	95.26
		4/4/19	98.33	--	2.76	95.57
		10/4/19	98.33	--	4.85	93.48
		4/1/20	98.33	--	2.23	96.10
		10/1/20	98.33	--	6.64	91.69
		4/15/21	98.33	--	3.10	95.23
		10/12/21	98.33	--	3.42	94.91
		4/4/22	98.33	--	2.52	95.81
		10/3/22	98.33	--	6.02	92.31
		10/20/23	98.33	--	3.55	94.78
MW-4	O	4/9/18	98.10	--	2.90	95.20
		10/5/18	98.10	--	3.12	94.98
		4/4/19	98.10	--	2.94	95.16
		10/4/19	98.10	--	4.96	93.14
		4/1/20	98.10	--	2.61	95.49
		10/1/20	98.10	--	6.61	91.49
		4/15/21	98.10	Sheen	3.02	95.08
		10/12/21	97.98	--	3.30	94.68
		4/4/22	97.98	--	2.51	95.47
		10/3/22	97.98	--	5.97	92.01
		10/20/23	97.98	--	3.50	94.48
MW-5	O	4/9/18	99.30	Sheen	3.54	95.76
		10/5/18	99.30	Sheen	3.96	95.34
		4/4/19	99.30	Sheen	3.67	95.63
		10/4/19	99.30	Sheen	5.61	93.69
		4/1/20	99.30	Sheen	3.31	95.99
		10/1/20	99.30	--	DRY	--
		4/15/21	99.30	Sheen	3.87	95.43
		10/12/21	99.37	Sheen	4.13	95.24
		4/4/22	99.37	--	3.36	96.01
		10/3/22	99.37	Sheen	6.82	92.55
		10/20/23	99.37	Sheen	4.25	95.12
RW-1	O	4/9/18	98.55	Sheen	2.78	95.77
		10/5/18	98.55	--	3.18	95.37
		4/4/19	98.55	--	2.91	95.64
		10/4/19	98.55	Sheen	4.94	93.61
		4/1/20	98.55	Sheen	2.47	96.08
		10/1/20	98.55	Sheen	6.99	91.56
		4/15/21	98.55	Sheen	3.21	95.34
		10/12/21	98.55	Sheen	3.46	95.09
		4/4/22	98.55	Sheen	2.64	95.91
		10/3/22	98.55	Sheen	6.19	92.36
		10/20/23	98.55	Sheen	3.67	94.88

Elevations relative to arbitrary 100-ft benchmark set at the southeast building corner of the convenience store (219 Main Street).

Elevations of MW-3, MW-4, MW-5, and RW-1 re-surveyed November 8, 2021.

All data prior to April 2018 available in earlier reports; wells not shown were not gauged April 2018 or later.

ft Feet.

* Depth from top of casing or designated measuring point.

LNAPL Light non-aqueous phase liquid.

NG Not gauged.

Sheen Non-measurable sheen observed

-- Not detected or not applicable.

TABLE 2
Groundwater Samples - Summary of Analytical Results
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	MW-3 (O)											
		4/9/18	10/5/18	4/4/19	10/4/19	4/1/20	10/1/20	4/15/21	10/12/21	4/4/22	10/3/22	10/20/23	
Volatile Organic Compounds (VOCs) by EPA Method 8260													
Acetone	6,000	14 J	50 UJ	8.2 UJ	50 U	50 U	100 U	100 U	100 U	100 UJ	50 U	50 U	
Benzene	5	22	1.6	1.3 J	0.69 J	3.4	3.9	2.4	1.2 J	4.8	2.1	1.1	
2-Butanone (MEK)	4,000	7.6 J	20 U	40 U	20 U	8.1 J	13 J	40 U	40 U	40 U	20 U	20 U	
tert-Butyl Alcohol (TBA)	40	20 U	20 U	40 U	20 U	20 U	40 U	40 U	40 U	40 U	20 U	20 U	
n-Butylbenzene	260	13	8.0	19	18	9.0	6.1	21	14	37	17	18	
sec-Butylbenzene	260	9.4	11	11	15	7.2	8.2	12	11	20	12	11	
tert-Butylbenzene	260	0.36 J	0.48 J	1.8 J	1.0 U	0.29 J	2.0 U	0.46 J	0.52 J	0.78 J	0.43 J	0.46 J	
Carbon Disulfide	70	4.0 U	4.0 U	10 U	5.0 UJ	5.0 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	
Chloroform	70	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	4.0 U	4.0 U	3.2 J	6.0	1.2 J	2.0 U	
1,2-Dibromo-3-chloropropane (DBCP)	0.2	5.0 U	5.0 U	10 U	7.2	5.0 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	
Ethylbenzene	700	390 B	160	120	160	110	63	170	150	200	77	110	
Isopropylbenzene (Cumene)	800	30	42	35	65	19	12	48	46	75	27	36	
p-Isopropyltoluene (p-Cymene)	260	1.4	2.2	4.0	4.1	1.1	2.0 U	4.0	2.8	6.7	0.52 J	1.5	
Methyl tert-Butyl Ether (MTBE)	13	1.0 U	1.0 U	2.0 U	1.0 U	0.42 J	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	0.60 J	
Methyl Cyclohexane	NS	12	38	16	61	2.5	18	20	42	90	25	33	
Naphthalene	20*/ 100	37	67	27	120 J	4.5	5.3	15	63 J	78	25	49	
n-Propylbenzene	260	90	140	140	160	69	42	180	170	300	110	150	
Styrene	100	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	
Toluene	1,000	560 B	6.7	12	5.6	21	15	10	5.5	10	3.4	2.8	
1,2,4-Trimethylbenzene	330	100	8.7	89	140	6.9	1.9 J	100	55	260	0.21 J	6.4	
1,3,5-Trimethylbenzene	330	26	2.4	11	25	1.4	0.76 J	4.1	11	61	0.13 J	2.6	
Total Xylenes	10,000	1,060	49	70	143	70	44	45	86	157	7.9 J	37	

All results in micrograms per liter (µg/L), except where indicated.

Detected (2018 or later) and selected other compounds listed; all others were not detected.

Data prior to April 2018 available upon request/shown in earlier reports. Wells not shown were not sampled April 2018 to present.

MW-X (O) Overburden monitoring well.

MW-X (B) Bedrock monitoring well.

bold Detected concentration exceeds AGQS in effect at the time of sample collection.

bold italics Not detected; reporting limit exceeds effective AGQS.

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

NS No standard established.

J Estimated concentration.

B Detected in method, field or trip blank; amount in sample is >5x amount in blank.

-- Sample not collected/analyzed for this constituent.

[1] Suspected data label error (RW-1 and MW-5 data likely switched).

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

* AGQS prior to September 1, 2018.

TABLE 2
Groundwater Samples - Summary of Analytical Results
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	MW-4 (O)											
		4/9/18	10/5/18	4/4/19	10/4/19	4/1/20	10/1/20	4/15/21	10/12/21	4/4/22	10/3/22	10/20/23	
Volatile Organic Compounds (VOCs) by EPA Method 8260													
Acetone	6,000	200 U	50 UJ	50 U	50 U	50 U	110 J	50 U	50 U	50 UJ	200 U	50 U	
Benzene	5	1.9 J	0.68 J	1.0 U	4.3	1.0 U	77	2.0	3.4	1.2	35	4.2	
2-Butanone (MEK)	4,000	11 J	20 U	20 U	20 U	20 U	64 J	20 U	20 U	20 U	80 U	20 U	
tert-Butyl Alcohol (TBA)	40	80 U	20 U	20 U	26	20 U	100 U	20 U	20 U	20 U	80 U	20 UJ	
n-Butylbenzene	260	3.4 J	1.1	1.8	0.29 J	0.39 J	3.4 J	0.19 J	1.0 U	0.24 J	5.0	0.39 J	
sec-Butylbenzene	260	4.8	4.1	1.8	1.1	0.74 J	4.0 J	0.87 J	1.2	0.81 J	4.7	1.1	
tert-Butylbenzene	260	4.0 U	0.21 J	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U	
Carbon Disulfide	70	16 U	4.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Chloroform	70	2.1 J	2.0 U	2.0 U	2.0 U	2.0 U	10 U	2.0 U	2.0 U	2.0 U	8.0 U	2.0 U	
1,2-Dibromo-3-chloropropane (DBCP)	0.2	20 U	5.0 U	5.0 U	5.0 U	5.0 U	25 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Ethylbenzene	700	200 B	1.5	2.1	1.4	1.3	350	0.42 J	0.37 J	0.45 J	300	1.8	
Isopropylbenzene (Cumene)	800	16	3.8	1.6	0.85 J	0.58 J	26	0.75 J	0.38 J	0.58 J	29	1.2	
p-Isopropyltoluene (p-Cymene)	260	1.0 J	0.19 J	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	0.80 J	1.0 U	
Methyl tert-Butyl Ether (MTBE)	13	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U	
Methyl Cyclohexane	NS	9.1	1.0 U	1.0 U	3.6	1.0 U	20	1.0 U	1.0 U	1.0 U	24	0.78 J	
Naphthalene	20*/ 100	26	2.0 U	2.0 U	2.0 U	2.0 U	57	2.0 U	2.0 UJ	2.0 U	59	2.0 U	
n-Propylbenzene	260	45	10	1.8	1.6	1.5	67	1.5	0.77 J	1.2	73	3.3	
Styrene	100	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U	
Toluene	1,000	12 B	1.0 U	0.45 J	0.30 J	1.0 U	18	1.0 U	1.0 U	1.0 U	8.2	1.0 U	
1,2,4-Trimethylbenzene	330	28	1.0 U	1.0 U	1.0 U	1.0 U	6.8	0.64 J	1.0 U	0.21 J	11	1.0 U	
1,3,5-Trimethylbenzene	330	1.0 J	1.0 U	1.0 U	1.0 U	1.0 U	5.7	1.0 U	1.0 U	1.0 U	3.5 J	1.0 U	
Total Xylenes	10,000	48	3.0 U	2.4	0.47 J	0.47 J	94 J	3.0 U	3.0 U	3.0 U	59 J	3.0 U	

All results in micrograms per liter (µg/L), except where indicated.

Detected (2018 or later) and selected other compounds listed; all others were not detected.

Data prior to April 2018 available upon request/shown in earlier reports. Wells not shown were not sampled April 2018 to present.

MW-X (O) Overburden monitoring well.

MW-X (B) Bedrock monitoring well.

bold Detected concentration exceeds AGQS in effect at the time of sample collection.

bold italics Not detected; reporting limit exceeds effective AGQS.

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

NS No standard established.

J Estimated concentration.

B Detected in method, field or trip blank; amount in sample is >5x amount in blank.

-- Sample not collected/analyzed for this constituent.

[1] Suspected data label error (RW-1 and MW-5 data likely switched).

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

* AGQS prior to September 1, 2018.

TABLE 2
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Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	MW-5 (O)										
		4/9/18	10/5/18	4/4/19	10/4/19	4/1/20	10/1/20	4/15/21	10/12/21	4/4/22	10/3/22 ^[1]	10/20/23
Volatil Organic Compounds (VOCs) by EPA Method 8260												
Acetone	6,000	500 U	250 UJ	250 U	250 U	250 U	--	250 U	200 U	100 UJ	1,000 U	100 U
Benzene	5	10 U	5.0 U	5.0 U	5.0 U	5.0 U	--	2.2 J	3.1 J	3.0	20 U	0.58 J
2-Butanone (MEK)	4,000	32 J	100 U	100 U	100 U	100 U	--	100 U	80 U	40 U	400 U	40 U
tert-Butyl Alcohol (TBA)	40	200 U	100 U	100 U	100 U	100 U	--	100 U	80 U	40 U	400 U	40 UJ
n-Butylbenzene	260	66	46	12	35	59	--	60	47	70	33	61
sec-Butylbenzene	260	24	25	5.0	22	29	--	29	31	37	18 J	35
tert-Butylbenzene	260	10 U	5.0 U	5.0 U	5.0 U	1.0 J	--	0.95 J	1.1 J	1.1 J	20 U	1.1 J
Carbon Disulfide	70	16 J	20 U	25 U	25 UJ	25 U	--	25 U	20 U	10 U	100 U	10 U
Chloroform	70	6.4 J	10 U	10 U	10 U	10 U	--	10 U	6.5 J	7.0	40 U	4.0 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	50 U	25 U	25 U	25 U	25 U	--	25 U	20 U	10 U	100 U	10 U
Ethylbenzene	700	110 B	150	25	68	40	--	67	44	40	1,200	72
Isopropylbenzene (Cumene)	800	93	94	14	63	68	--	77	66	73	130	55
p-Isopropyltoluene (p-Cymene)	260	14	14	5.0 U	10	13	--	11	9.6	10	3.8 J	6.4
Methyl tert-Butyl Ether (MTBE)	13	10 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	4.0 U	2.0 U	20 U	2.0 U
Methyl Cyclohexane	NS	110	120	22	80	140	--	110	130	160	64	120
Naphthalene	20*/ 100	36	64	21	44 J	21	--	25	18 J	13	470	20
n-Propylbenzene	260	370	360	33	270	350	--	370	340	390	390	320
Styrene	100	10 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	4.0 U	2.0 U	20 U	2.0 U
Toluene	1,000	6.4 B	1.7 J	5.0 U	5.0 U	0.95 J	--	0.95 J	0.64 J	0.74 J	6.0 J	0.76 J
1,2,4-Trimethylbenzene	330	410	250	210	120	200	--	64	22	32	340	69
1,3,5-Trimethylbenzene	330	190	160	65	70	61	--	35	13	16	33	23
Total Xylenes	10,000	244	262	115	54 J	83	--	103	38 J	43	537 J	72

All results in micrograms per liter (µg/L), except where indicated.

Detected (2018 or later) and selected other compounds listed; all others were not detected.

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

* AGQS prior to September 1, 2018.

TABLE 2
Groundwater Samples - Summary of Analytical Results
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	RW-1										
		4/9/18	10/5/18	4/4/19	10/4/19	4/1/20	10/1/20	4/15/21	10/12/21	4/4/22	10/3/22 ^[1]	10/20/23
Volatile Organic Compounds (VOCs) by EPA Method 8260												
Acetone	6,000	1,000 U	250 UJ	1,000 UJ	1,000 U	1,000 U	500 U	500 U	500 U	60 J	250 U	250 U
Benzene	5	20 U	5.0 U	20 U	20 U	20 U	10 U	10 U	2.0 J	20 U	3.8 J	1.8 J
2-Butanone (MEK)	4,000	400 U	22 J	400 U	400 U	400 U	200 U	200 U	200 U	130 J	18 J	29 J
tert-Butyl Alcohol (TBA)	40	400 U	100 U	400 U	400 U	400 U	200 U	200 U	200 U	400 U	100 U	100 UJ
n-Butylbenzene	260	24	15	20 U	20 J	38	13	76	22	38	77	28
sec-Butylbenzene	260	8.2 J	9.0	20 U	10 J	18 J	9.1 J	13	16	18 J	38	15
tert-Butylbenzene	260	20 U	5.0 U	20 U	20 U	20 U	10 U	10 U	10 U	20 U	1.4 J	5.0 U
Carbon Disulfide	70	80 U	20 U	100 U	100 UJ	100 U	50 U	50 U	50 U	100 U	25 U	25 U
Chloroform	70	40 U	10 U	40 U	40 U	40 U	20 U	20 U	20 U	40 U	4.2 J	10 U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	100 U	25 U	100 U	100 U	100 U	50 U	50 U	50 U	100 U	25 U	25 U
Ethylbenzene	700	380 B	620	360	720	850	550	760	1,100	1,000	260	990
Isopropylbenzene (Cumene)	800	51	63	54	66	120	70	87	100	100	95	95
p-Isopropyltoluene (p-Cymene)	260	4.2 J	4.0 J	20 U	4.0 J	9.0 J	3.5 J	4.9 J	4.5 J	5.8 J	9.4	3.2 J
Methyl tert-Butyl Ether (MTBE)	13	20 U	5.0 U	20 U	20 U	20 U	10 U	10 U	10 U	20 U	5.0 U	5.0 U
Methyl Cyclohexane	NS	44	66	42	53	120	56	64	78	78	120	59
Naphthalene	20*/100	160	240	140	240 J	320	220	210	290 J	250	39	350
n-Propylbenzene	260	160	180	100	200	400	220	270	320	330	380	310
Styrene	100	20 U	5.0 U	17 J	20 U	20 U	10 U	10 U	10 U	20 U	5.0 U	5.0 U
Toluene	1,000	47 B	4.8 J	5.0 J	7.0 J	10 J	2.3 J	9.0 J	11	15 J	2.6 J	6.8
1,2,4-Trimethylbenzene	330	910	360	500	520	1,500	310	720	630	750	84	420
1,3,5-Trimethylbenzene	330	220	60	100	81	310	51	140	88	130	120	57
Total Xylenes	10,000	778	429	909	942	1,800	253 J	1,364	1,013	1,466	453 J	609

All results in micrograms per liter (µg/L), except where indicated.

Detected (2018 or later) and selected other compounds listed; all others were not detected.

Data prior to April 2018 available upon request/shown in earlier reports. Wells not shown were not sampled April 2018 to present.

MW-X (O) Overburden monitoring well.

MW-X (B) Bedrock monitoring well.

bold Detected concentration exceeds AGQS in effect at the time of sample collection.

bold italics Not detected; reporting limit exceeds effective AGQS.

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

NS No standard established.

J Estimated concentration.

B Detected in method, field or trip blank; amount in sample is >5x amount in blank.

-- Sample not collected/analyzed for this constituent.

[1] Suspected data label error (RW-1 and MW-5 data likely switched).

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

* AGQS prior to September 1, 2018.

TABLE 3
Drinking Water Samples - Summary of Recent Analytical Results
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS) †	PDW-1 (Site)	
		10/20/23	
Volatile Organic Compounds (VOCs) by EPA Method 524.2			
Acetone	6,000	10	U
Benzene	5	0.50	U
2-Butanone (MEK)	4,000	5.0	U
tert-Butyl Alcohol (TBA)	40	5.0	U
n-Butylbenzene	260	0.50	U
sec-Butylbenzene	260	0.50	U
tert-Butylbenzene	260	0.50	U
Carbon Disulfide	70	5.0	U
Chloroform	70	0.50	U
1,2-Dibromo-3-chloropropane (DBCP)	0.2	2.0	U
Ethylbenzene	700	0.50	U
Isopropylbenzene (Cumene)	800	0.50	U
p-Isopropyltoluene (p-Cymene)	260	0.50	U
Methyl tert-Butyl Ether (MTBE)	13	0.50	U
Naphthalene	100	1.0	U
n-Propylbenzene	260	0.50	U
Styrene	100	0.50	U
Toluene	1,000	0.50	U
1,2,4-Trimethylbenzene	330	0.50	U
1,3,5-Trimethylbenzene	330	0.50	U
Total Xylenes	10,000	1.5	U

Detected and selected other analytes listed; all others were not detected since the current permit was issued.

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

Data prior to October 2023 available in prior report tables. Wells not listed were not sampled October 2023 or later.

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

bold shaded Detected concentration exceeds AGQS.

bold italics Not detected; laboratory reporting limit exceeds AGQS.

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

TABLE A
Drinking Water Samples - Summary of Historical Analytical Results
 Don's Market, Inc.
 219 Main Street, Hampstead, New Hampshire
 NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS)*	PDW-1 (219 Main St.)											
		Influent											
		04/26/11	04/11/12	07/11/12	10/22/12	04/02/13	07/02/13	10/31/13	04/21/14	07/11/14	10/15/14	04/02/15	07/30/15
Volatile Organic Compounds (VOCs) by EPA Method 524.2 or 8260													
Acetone	6,000	50 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	10 U	2.8 J	5.0 U	5.0 U	10 UB	10 U
tertiary-Amyl methyl ether (TAME)	140	0.50 U	1.0 U	0.50 U	2.0 U	1.0 U	1.0 U	2.0 U	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U
Benzene	5	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	4	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone(MEK)	4,000	20 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	5.0 U
tertiary-Butyl Alcohol (TBA)	40	20 UJ	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
n-Butylbenzene	260	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
sec-Butylbenzene	260	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	260	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl tertiary-butyl ether (ETBE)	40	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	70	4.0 UB	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	NS	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	70	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	30	2.0 U	0.50 U	0.50 U	0.50 U	2.0 U	2.0 U	2.0 U	0.50 U	0.50 U	2.0 U	1.0 U	0.50 U
Dibromochloromethane	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	1,000	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	5	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	70	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U
Diisopropyl Ether (DIPE)	120	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	700	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	NS	10 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	800	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	260	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tertiary-butyl ether (MTBE)	13	0.65 J	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.42 J	0.30 J	0.68	0.30 J	0.50 U	0.50 U
Methylene chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	2,000	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	20	2.0 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	260	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	100	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrahydrofuran (THF)	600	10 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	2.0 U	1.0 U
Toluene	1,000	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloroethane	5	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	330	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	330	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Total Xylenes	10,000	3.0 U	1.0 U	1.0 U	1.0 U	1.50 U	1.50 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

All results are in micrograms per liter (µg/L).

All detected and selected other selected compounds listed.

Data prior to April 2011 available upon request/shown in earlier reports.

U Not detected at or above indicated reporting limit.

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

J Estimated concentration.

NS No standard available.

Bold shaded Detected concentration exceeds Ambient Groundwater Quality Standard (AGQS).

bold italics Not detected; reporting limit exceeds AGQS.

* Table 600-1, Env-Or 603.03, eff 06/01/15.

^{1U} Sample collected at exterior spigot (shared source well).

TABLE A
Drinking Water Samples - Summary of Historical Analytical Results
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004

Sample Identification Sample Date	Ambient Groundwater Quality Standards (AGQS)*	PDW-3 (223 Main St., Apt. 1)		PDW-4 (223 Main St., Apt. 2)		PDW-5 (212 Main Street)			PDW-6 (215 Main Street)	
		Influent		Influent						
		04/11/12	04/21/14 ^[1]	04/11/12	04/21/14 ^[1]	04/26/11	04/11/12	04/21/14	04/11/12	04/21/14
Volatile Organic Compounds (VOCs) by EPA Method 524.2 or 8260										
Acetone	6,000	5.0 U	5.0 UB	5.0 U	5.0 UB	50 U	5.0 U	5.0 U	5.0 U	5.0 U
tertiary-Amyl methyl ether (TAME)	140	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	5	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	0.6	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform	4	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Butanone(MEK)	4,000	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	5.0 U	5.0 U	5.0 U
tertiary-Butyl Alcohol (TBA)	40	5.0 U	5.0 U	5.0 U	5.0 U	20 UJ	5.0 U	5.0 U	5.0 U	5.0 U
n-Butylbenzene	260	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
sec-Butylbenzene	260	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
tert-Butylbenzene	260	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethyl tertiary-butyl ether (ETBE)	40	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Carbon disulfide	70	5.0 U	5.0 U	5.0 U	5.0 U	4.0 UB	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	NS	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	70	0.50 U	0.28 J	0.50 U	0.28 J	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	30	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Dibromochloromethane	60	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorodifluoromethane	1,000	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloroethane	5	0.50 U	0.50 U	0.50 U	0.50 U	0.27 J	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	70	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropene	0.5	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Diisopropyl Ether (DIPE)	120	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Ethylbenzene	700	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
2-Hexanone	NS	5.0 U	5.0 U	5.0 U	5.0 U	10 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	800	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
p-Isopropyltoluene	260	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Methyl tertiary-butyl ether (MTBE)	13	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Methylene chloride	5	5.0 U	0.50 U	5.0 U	0.50 U	5.0 U	5.0 U	0.50 U	5.0 U	0.50 U
4-Methyl-2-pentanone (MIBK)	2,000	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	20	0.50 U	0.50 U	0.50 U	0.50 U	2.0 UJ	0.50 U	0.50 U	0.50 U	0.50 U
n-Propylbenzene	260	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	100	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene	5	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrahydrofuran (THF)	600	2.0 U	0.50 U	2.0 U	0.50 U	10 U	2.0 U	0.50 U	2.0 U	0.50 U
Toluene	1,000	0.50 U	0.50 U	0.50 U	0.50 U	0.20 J	0.50 U	0.50 UB	0.50 U	0.50 U
1,1,2-Trichloroethane	5	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,4-Trimethylbenzene	330	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,3,5-Trimethylbenzene	330	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Total Xylenes	10,000	1.0 U	1.5 U	1.0 U	1.5 U	3.0 U	1.0 U	1.5 U	1.0 U	1.5 U

All results are in micrograms per liter (µg/L).

All detected and selected other selected compounds listed.

Data prior to April 2011 available upon request/shown in earlier reports.

U Not detected at or above indicated reporting limit.

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

J Estimated concentration.

NS No standard available.

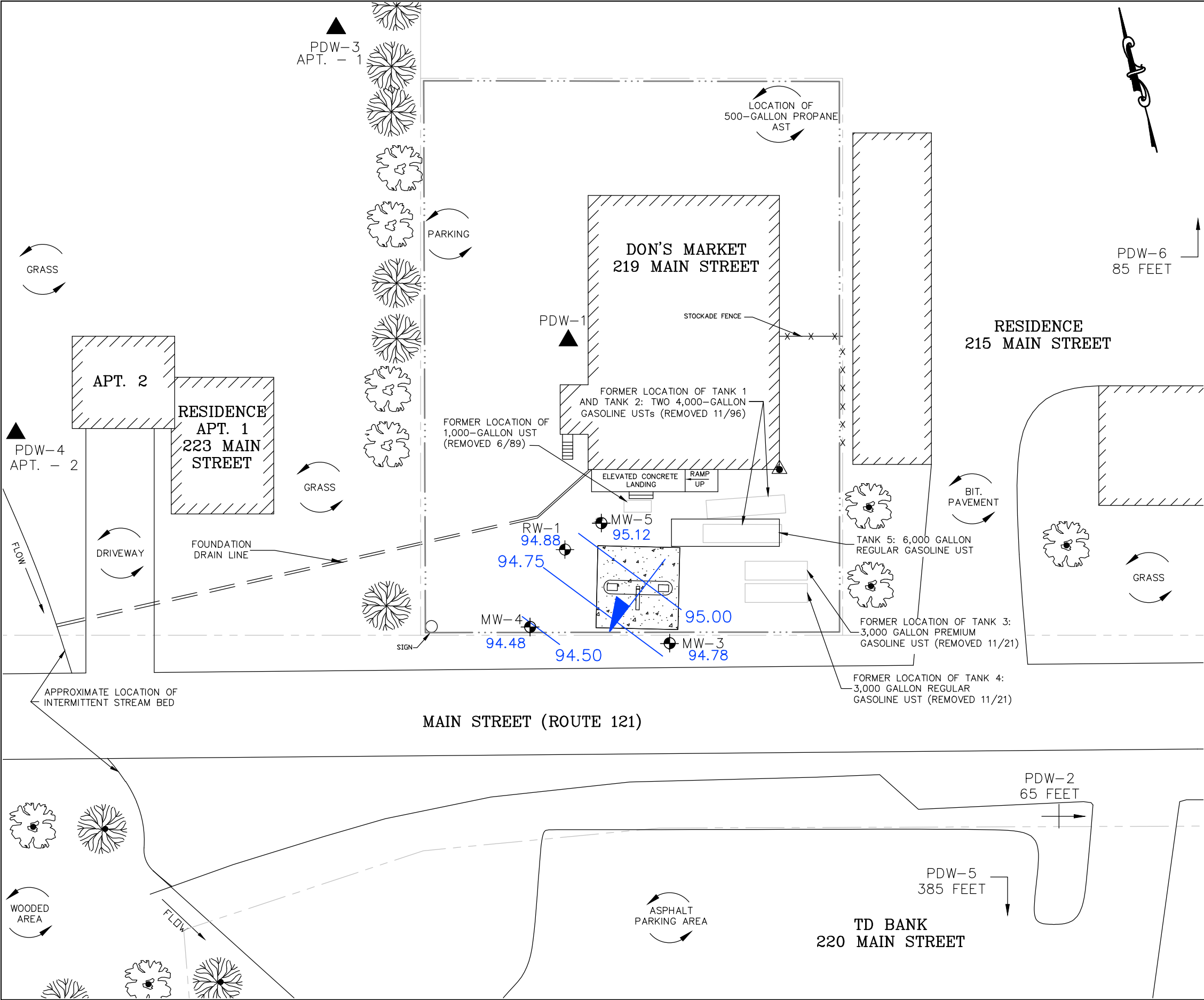
Bold shaded Detected concentration exceeds Ambient Groundwater Quality Standard (AGQS).

bold italics Not detected; reporting limit exceeds AGQS.

* Table 600-1, Env-Or 603.03, eff 06/01/15.

⁽¹⁾ Sample collected at exterior spigot (shared source well).

FIGURE

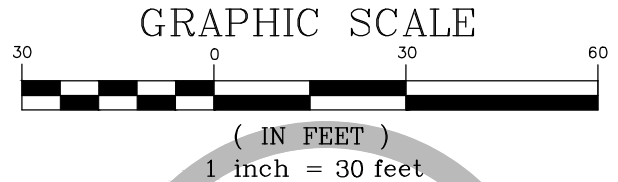


LEGEND

- MW-3 TEST BORING/MONITORING WELL
- RW-1 RECOVERY WELL
- PDW-1 PRIVATE DRINKING WATER WELL
- MW-5 MONITORING WELL WITH PIEZOMETRIC HEAD ELEVATION (FEET)
- 95.00 OVERBURDEN GROUNDWATER EQUIPOTENTIAL LINE AND ELEVATION (FEET) RELATIVE TO BENCHMARK
- PREVAILING GROUNDWATER FLOW DIRECTION
- BENCHMARK (100.00 FEET ASSUMED)
- PROPERTY LINE
- GROUNDWATER MANAGEMENT ZONE BOUNDARY
- AST ABOVEGROUND STORAGE TANK
- UST UNDERGROUND STORAGE TANK
- TREE

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- PLAN BASED ON WILCOX & BARTON, INC. SITE VISITS.
- THIS IS NOT A PROFESSIONAL SURVEY AND IS NOT INTENDED TO ESTABLISH PROPERTY BOUNDARIES.



Wilcox & Barton INC. CIVIL · ENVIRONMENTAL · GEOTECHNICAL		
TITLE PIEZOMETRIC HEAD ELEVATION PLAN Gauging Date: October 20, 2023		
DATE April 30, 2004	SCALE GRAPHIC	FILE DUMA Site Plan
APPROVED BY MBA	DRAWN BY MMN	REVISED October 25, 2023
CLIENT Don's Market, Inc.		JOB NUMBER DUMA0001
LOCATION Don's Market, Inc. 219 Main Street Hampstead, New Hampshire NHDES Site #199611004		DRAWING NUMBER FIGURE 1

PHOTOGRAPHS

Photographs – October 20, 2023
Don's Market, Inc.
219 Main Street, Hampstead, New Hampshire
NHDES Site #199611004



Photo 1: MW-3 with a broken concrete pad.



Photo 2: MW-5 with a broken concrete pad.

LABORATORY REPORT

October 26, 2023

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

Project Location: 219 Main St, Hampstead, NH
Client Job Number:
Project Number: DUMA0001
Laboratory Work Order Number: 23J2885

Enclosed are results of analyses for samples as received by the laboratory on October 20, 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: 10/26/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: DUMA0001

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23J2885

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

PROJECT LOCATION: 219 Main St, Hampstead, NH

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-3	23J2885-01	Ground Water		SW-846 8260D	
MW-4	23J2885-02	Ground Water		SW-846 8260D	
MW-5	23J2885-03	Ground Water		SW-846 8260D	
RW-1	23J2885-04	Ground Water		SW-846 8260D	
PDW-1	23J2885-05	Drinking Water		EPA 524.2	

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

EPA 524.2**Qualifications:****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:**Bromomethane**

B356196-BSD1

Chloromethane

B356196-BSD1

SW-846 8260D**Qualifications:****RL-11**

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

23J2885-03[MW-5], 23J2885-04[RW-1]

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**

23J2885-01[MW-3], 23J2885-02[MW-4], 23J2885-03[MW-5], 23J2885-04[RW-1], B356077-BLK1, B356077-BS1, B356077-BSD1, S095352-CCV1

tert-Butyl Alcohol (TBA)

23J2885-01[MW-3], 23J2885-02[MW-4], 23J2885-03[MW-5], 23J2885-04[RW-1], B356077-BLK1, B356077-BS1, B356077-BSD1, S095352-CCV1

Vinyl Chloride

23J2885-01[MW-3], 23J2885-02[MW-4], 23J2885-03[MW-5], 23J2885-04[RW-1], B356077-BLK1, B356077-BS1, B356077-BSD1, S095352-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:**Bromochloromethane**

B356077-BS1, B356077-BSD1, S095352-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**

23J2885-01[MW-3], 23J2885-02[MW-4], 23J2885-03[MW-5], 23J2885-04[RW-1], B356077-BLK1, B356077-BS1, B356077-BSD1, S095352-CCV1

Chloromethane

23J2885-01[MW-3], 23J2885-02[MW-4], 23J2885-03[MW-5], 23J2885-04[RW-1], B356077-BLK1, B356077-BS1, B356077-BSD1, S095352-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**

B356077-BS1, B356077-BSD1, S095352-CCV1

Carbon Disulfide

B356077-BS1, B356077-BSD1, S095352-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.



Lisa A. Worthington
Technical Representative

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-3

Sampled: 10/20/2023 10:10

Sample ID: 23J2885-01

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	ND	50	2.0	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Acrylonitrile	ND	5.0	0.47	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Benzene	1.1	1.0	0.18	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Bromoform	ND	1.0	0.41	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Bromomethane	ND	2.0	1.3	µg/L	1	V-34, U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05, U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
n-Butylbenzene	18	1.0	0.15	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
sec-Butylbenzene	11	1.0	0.13	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
tert-Butylbenzene	0.46	1.0	0.14	µg/L	1	J	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Chloroform	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Chloromethane	ND	2.0	0.50	µg/L	1	V-05, V-34, U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
2-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
4-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Dibromomethane	ND	1.0	0.32	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Diethyl Ether	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH

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Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-3

Sampled: 10/20/2023 10:10

Sample ID: 23J2885-01

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	10/24/23	10/24/23 18:30	EEH
1,4-Dioxane	ND	50	18	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Ethylbenzene	110	1.0	0.22	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Isopropylbenzene (Cumene)	36	1.0	0.15	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
p-Isopropyltoluene (p-Cymene)	1.5	1.0	0.13	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Methyl tert-Butyl Ether (MTBE)	0.60	1.0	0.17	µg/L	1	J	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Methyl Cyclohexane	33	1.0	0.16	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Naphthalene	49	2.0	0.38	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
n-Propylbenzene	150	1.0	0.12	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Styrene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Toluene	2.8	1.0	0.22	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,2,4-Trimethylbenzene	6.4	1.0	0.20	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
1,3,5-Trimethylbenzene	2.6	1.0	0.15	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1	V-05, U	SW-846 8260D	10/24/23	10/24/23 18:30	EEH
m+p Xylene	35	2.0	0.49	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
o-Xylene	1.8	1.0	0.24	µg/L	1		SW-846 8260D	10/24/23	10/24/23 18:30	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.8		70-130				10/24/23 18:30			
Toluene-d8	102		70-130				10/24/23 18:30			
4-Bromofluorobenzene	107		70-130				10/24/23 18:30			

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Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-4

Sampled: 10/20/2023 10:05

Sample ID: 23J2885-02

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	10/24/23	10/24/23 16:40	EEH
Acrylonitrile	ND	5.0	0.47	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Benzene	4.2	1.0	0.18	µg/L	1		SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Bromobenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Bromochloromethane	ND	1.0	0.28	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Bromodichloromethane	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Bromoform	ND	1.0	0.41	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Bromomethane	ND	2.0	1.3	µg/L	1	V-34, U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
2-Butanone (MEK)	ND	20	1.7	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
tert-Butyl Alcohol (TBA)	ND	20	4.3	µg/L	1	V-05, U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
n-Butylbenzene	0.39	1.0	0.15	µg/L	1	J	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
sec-Butylbenzene	1.1	1.0	0.13	µg/L	1		SW-846 8260D	10/24/23	10/24/23 16:40	EEH
tert-Butylbenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Carbon Disulfide	ND	5.0	1.6	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Chlorobenzene	ND	1.0	0.12	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Chlorodibromomethane	ND	0.50	0.20	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Chloroethane	ND	2.0	0.34	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Chloroform	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Chloromethane	ND	2.0	0.50	µg/L	1	V-05, V-34, U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
2-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
4-Chlorotoluene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.85	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Dibromomethane	ND	1.0	0.32	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,3-Dichlorobenzene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	1.5	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2-Dichloroethane	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
cis-1,2-Dichloroethylene	ND	1.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2-Dichloropropane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
2,2-Dichloropropane	ND	1.0	0.35	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
trans-1,3-Dichloropropene	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Diethyl Ether	ND	2.0	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-4

Sampled: 10/20/2023 10:05

Sample ID: 23J2885-02

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	10/24/23	10/24/23 16:40	EEH
1,4-Dioxane	ND	50	18	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Ethylbenzene	1.8	1.0	0.22	µg/L	1		SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Hexachlorobutadiene	ND	0.60	0.47	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
2-Hexanone (MBK)	ND	10	1.2	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Isopropylbenzene (Cumene)	1.2	1.0	0.15	µg/L	1		SW-846 8260D	10/24/23	10/24/23 16:40	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.13	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Methyl Acetate	ND	1.0	0.61	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Methyl Cyclohexane	0.78	1.0	0.16	µg/L	1	J	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Methylene Chloride	ND	5.0	0.18	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Naphthalene	ND	2.0	0.38	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
n-Propylbenzene	3.3	1.0	0.12	µg/L	1		SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Styrene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	0.16	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.14	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Tetrachloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Tetrahydrofuran	ND	10	0.49	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Toluene	ND	1.0	0.22	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2,3-Trichlorobenzene	ND	5.0	0.34	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2,4-Trichlorobenzene	ND	1.0	0.30	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1,1-Trichloroethane	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1,2-Trichloroethane	ND	1.0	0.19	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Trichloroethylene	ND	1.0	0.17	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
1,3,5-Trimethylbenzene	ND	1.0	0.15	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Vinyl Chloride	ND	2.0	0.24	µg/L	1	V-05, U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
m+p Xylene	ND	2.0	0.49	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
o-Xylene	ND	1.0	0.24	µg/L	1	U	SW-846 8260D	10/24/23	10/24/23 16:40	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	95.7	70-130								
Toluene-d8	104	70-130								
4-Bromofluorobenzene	106	70-130								

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-5

Sampled: 10/20/2023 10:00

Sample ID: 23J2885-03

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	4.0	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Acrylonitrile	ND	10	0.93	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	0.26	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Benzene	0.58	2.0	0.37	µg/L	2	J	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Bromobenzene	ND	2.0	0.30	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Bromochloromethane	ND	2.0	0.57	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Bromodichloromethane	ND	1.0	0.32	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Bromoform	ND	2.0	0.82	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Bromomethane	ND	4.0	2.6	µg/L	2	V-34, U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
2-Butanone (MEK)	ND	40	3.4	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
tert-Butyl Alcohol (TBA)	ND	40	8.5	µg/L	2	V-05, U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
n-Butylbenzene	61	2.0	0.30	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
sec-Butylbenzene	35	2.0	0.25	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
tert-Butylbenzene	1.1	2.0	0.28	µg/L	2	J	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	0.31	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Carbon Disulfide	ND	10	3.1	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Carbon Tetrachloride	ND	10	0.33	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Chlorobenzene	ND	2.0	0.24	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Chlorodibromomethane	ND	1.0	0.40	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Chloroethane	ND	4.0	0.68	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Chloroform	ND	4.0	0.28	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Chloromethane	ND	4.0	1.0	µg/L	2	V-05, V-34, U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
2-Chlorotoluene	ND	2.0	0.31	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
4-Chlorotoluene	ND	2.0	0.31	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	1.7	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2-Dibromoethane (EDB)	ND	1.0	0.32	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Dibromomethane	ND	2.0	0.64	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2-Dichlorobenzene	ND	2.0	0.26	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,3-Dichlorobenzene	ND	2.0	0.27	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,4-Dichlorobenzene	ND	2.0	0.26	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	3.0	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	0.32	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1-Dichloroethane	ND	2.0	0.27	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2-Dichloroethane	ND	2.0	0.61	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1-Dichloroethylene	ND	2.0	0.28	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
cis-1,2-Dichloroethylene	ND	2.0	0.28	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
trans-1,2-Dichloroethylene	ND	2.0	0.34	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2-Dichloropropane	ND	2.0	0.39	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,3-Dichloropropane	ND	1.0	0.23	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
2,2-Dichloropropane	ND	2.0	0.70	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1-Dichloropropene	ND	4.0	0.30	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
cis-1,3-Dichloropropene	ND	1.0	0.33	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
trans-1,3-Dichloropropene	ND	1.0	0.28	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Diethyl Ether	ND	4.0	0.29	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: MW-5

Sampled: 10/20/2023 10:00

Sample ID: 23J2885-03

Sample Matrix: Ground Water

Sample Flags: RL-11

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	1.0	0.40	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,4-Dioxane	ND	100	36	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Ethylbenzene	72	2.0	0.44	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Hexachlorobutadiene	ND	1.2	0.94	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
2-Hexanone (MBK)	ND	20	2.4	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Isopropylbenzene (Cumene)	55	2.0	0.30	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
p-Isopropyltoluene (p-Cymene)	6.4	2.0	0.25	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Methyl Acetate	ND	2.0	1.2	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	0.34	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Methyl Cyclohexane	120	2.0	0.31	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Methylene Chloride	ND	10	0.35	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	2.6	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Naphthalene	20	4.0	0.76	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
n-Propylbenzene	320	2.0	0.25	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Styrene	ND	2.0	0.30	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	0.32	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	0.27	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Tetrachloroethylene	ND	2.0	0.34	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Tetrahydrofuran	ND	20	0.98	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Toluene	0.76	2.0	0.45	µg/L	2	J	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2,3-Trichlorobenzene	ND	10	0.68	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2,4-Trichlorobenzene	ND	2.0	0.60	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,3,5-Trichlorobenzene	ND	2.0	0.42	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1,1-Trichloroethane	ND	2.0	0.30	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1,2-Trichloroethane	ND	2.0	0.38	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Trichloroethylene	ND	2.0	0.35	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	0.31	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2,3-Trichloropropane	ND	4.0	0.55	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	0.42	µg/L	2	U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,2,4-Trimethylbenzene	69	2.0	0.40	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
1,3,5-Trimethylbenzene	23	2.0	0.30	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Vinyl Chloride	ND	4.0	0.47	µg/L	2	V-05, U	SW-846 8260D	10/24/23	10/24/23 17:08	EEH
m+p Xylene	68	4.0	0.98	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
o-Xylene	4.2	2.0	0.49	µg/L	2		SW-846 8260D	10/24/23	10/24/23 17:08	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	94.2	70-130								
Toluene-d8	105	70-130								
4-Bromofluorobenzene	109	70-130								

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: RW-1

Sampled: 10/20/2023 09:55

Sample ID: 23J2885-04

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	250	10	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Acrylonitrile	ND	25	2.3	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
tert-Amyl Methyl Ether (TAME)	ND	2.5	0.66	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Benzene	1.8	5.0	0.92	µg/L	5	J	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Bromobenzene	ND	5.0	0.74	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Bromochloromethane	ND	5.0	1.4	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Bromodichloromethane	ND	2.5	0.79	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Bromoform	ND	5.0	2.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Bromomethane	ND	10	6.6	µg/L	5	V-34, U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
2-Butanone (MEK)	29	100	8.4	µg/L	5	J	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
tert-Butyl Alcohol (TBA)	ND	100	21	µg/L	5	V-05, U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
n-Butylbenzene	28	5.0	0.75	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
sec-Butylbenzene	15	5.0	0.63	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
tert-Butylbenzene	ND	5.0	0.71	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	2.5	0.77	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Carbon Disulfide	ND	25	7.8	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Carbon Tetrachloride	ND	25	0.82	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Chlorobenzene	ND	5.0	0.59	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Chlorodibromomethane	ND	2.5	1.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Chloroethane	ND	10	1.7	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Chloroform	ND	10	0.70	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Chloromethane	ND	10	2.5	µg/L	5	V-05, V-34, U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
2-Chlorotoluene	ND	5.0	0.77	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
4-Chlorotoluene	ND	5.0	0.77	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	25	4.3	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2-Dibromoethane (EDB)	ND	2.5	0.80	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Dibromomethane	ND	5.0	1.6	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2-Dichlorobenzene	ND	5.0	0.65	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,3-Dichlorobenzene	ND	5.0	0.68	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,4-Dichlorobenzene	ND	5.0	0.64	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
trans-1,4-Dichloro-2-butene	ND	10	7.5	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	10	0.80	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1-Dichloroethane	ND	5.0	0.68	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2-Dichloroethane	ND	5.0	1.5	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1-Dichloroethylene	ND	5.0	0.70	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
cis-1,2-Dichloroethylene	ND	5.0	0.70	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
trans-1,2-Dichloroethylene	ND	5.0	0.86	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2-Dichloropropane	ND	5.0	0.97	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,3-Dichloropropane	ND	2.5	0.58	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
2,2-Dichloropropane	ND	5.0	1.7	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1-Dichloropropene	ND	10	0.75	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
cis-1,3-Dichloropropene	ND	2.5	0.82	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
trans-1,3-Dichloropropene	ND	2.5	0.71	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Diethyl Ether	ND	10	0.72	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: RW-1

Sampled: 10/20/2023 09:55

Sample ID: 23J2885-04

Sample Matrix: Ground Water

Sample Flags: RL-11

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	2.5	1.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,4-Dioxane	ND	250	90	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Ethylbenzene	990	5.0	1.1	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Hexachlorobutadiene	ND	3.0	2.3	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
2-Hexanone (MBK)	ND	50	6.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Isopropylbenzene (Cumene)	95	5.0	0.76	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
p-Isopropyltoluene (p-Cymene)	3.2	5.0	0.63	µg/L	5	J	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Methyl Acetate	ND	5.0	3.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	5.0	0.85	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Methyl Cyclohexane	59	5.0	0.78	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Methylene Chloride	ND	25	0.88	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	50	6.6	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Naphthalene	350	10	1.9	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
n-Propylbenzene	310	5.0	0.62	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Styrene	ND	5.0	0.75	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1,1,2-Tetrachloroethane	ND	5.0	0.81	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1,2,2-Tetrachloroethane	ND	2.5	0.68	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Tetrachloroethylene	ND	5.0	0.84	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Tetrahydrofuran	ND	50	2.4	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Toluene	6.8	5.0	1.1	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2,3-Trichlorobenzene	ND	25	1.7	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2,4-Trichlorobenzene	ND	5.0	1.5	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,3,5-Trichlorobenzene	ND	5.0	1.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1,1-Trichloroethane	ND	5.0	0.75	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1,2-Trichloroethane	ND	5.0	0.96	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Trichloroethylene	ND	5.0	0.87	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Trichlorofluoromethane (Freon 11)	ND	10	0.77	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2,3-Trichloropropane	ND	10	1.4	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	1.0	µg/L	5	U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,2,4-Trimethylbenzene	420	5.0	0.99	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
1,3,5-Trimethylbenzene	57	5.0	0.75	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Vinyl Chloride	ND	10	1.2	µg/L	5	V-05, U	SW-846 8260D	10/24/23	10/24/23 18:57	EEH
m+p Xylene	580	10	2.5	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
o-Xylene	29	5.0	1.2	µg/L	5		SW-846 8260D	10/24/23	10/24/23 18:57	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual							
1,2-Dichloroethane-d4	93.3	70-130								
Toluene-d8	104	70-130								
4-Bromofluorobenzene	106	70-130								

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: PDW-1

Sampled: 10/20/2023 09:45

Sample ID: 23J2885-05

Sample Matrix: Drinking Water

Drinking Water Organics EPA 500 Series Methods

Analyte	Results	RL	MCL/SMCL		Units	DF	Flag/Qual	Method	Date	Date/Time	Analyst
			DL	MA ORSG					Prepared	Analyzed	
Acetone	ND	10	1.5		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.26		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Benzene	ND	0.50	0.13	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Bromobenzene	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Bromochloromethane	ND	0.50	0.18		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Bromodichloromethane	ND	0.50	0.12		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Bromoform	ND	0.50	0.17		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Bromomethane	ND	0.50	0.38		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
2-Butanone (MEK)	ND	5.0	1.6		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
tert-Butyl Alcohol (TBA)	ND	5.0	2.2		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
n-Butylbenzene	ND	0.50	0.21		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
sec-Butylbenzene	ND	0.50	0.15		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
tert-Butylbenzene	ND	0.50	0.15		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Carbon Disulfide	ND	5.0	1.8		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Carbon Tetrachloride	ND	0.50	0.13	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Chlorobenzene	ND	0.50	0.13	100	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Chloroethane	ND	0.50	0.19		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Chloroform	ND	0.50	0.12		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Chloromethane	ND	0.50	0.26		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
2-Chlorotoluene	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
4-Chlorotoluene	ND	0.50	0.14		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Dibromochloromethane	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	0.40		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2-Dibromoethane (EDB)	ND	0.50	0.14		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Dibromomethane	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2-Dichlorobenzene	ND	0.50	0.14	600	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,3-Dichlorobenzene	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,4-Dichlorobenzene	ND	0.50	0.14	75	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.50	0.21		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1-Dichloroethane	ND	0.50	0.15		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2-Dichloroethane	ND	0.50	0.12	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1-Dichloroethylene	ND	0.50	0.13	7	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
cis-1,2-Dichloroethylene	ND	0.50	0.13	70	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
trans-1,2-Dichloroethylene	ND	0.50	0.17	100	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2-Dichloropropane	ND	0.50	0.12	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,3-Dichloropropane	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
2,2-Dichloropropane	ND	0.50	0.19		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1-Dichloropropene	ND	0.50	0.14		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
cis-1,3-Dichloropropene	ND	0.50	0.17		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
trans-1,3-Dichloropropene	ND	0.50	0.19		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,3-Dichloropropene (total)	ND	1.0	0.31		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Diethyl Ether	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Diisopropyl Ether (DIPE)	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH

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

Project Location: 219 Main St, Hampstead, NH

Sample Description:

Work Order: 23J2885

Date Received: 10/20/2023

Field Sample #: PDW-1

Sampled: 10/20/2023 09:45

Sample ID: 23J2885-05

Sample Matrix: Drinking Water

Drinking Water Organics EPA 500 Series Methods

Analyte	Results	RL	DL	MCL/SMCL MA ORSG	Units	DF	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	0.50	0.13	700	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Hexachlorobutadiene	ND	0.50	0.34		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
2-Hexanone (MBK)	ND	5.0	1.5		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Isopropylbenzene (Cumene)	ND	0.50	0.12		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.50	0.19		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Methylene Chloride	ND	0.50	0.13	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
4-Methyl-2-pentanone (MIBK)	ND	5.0	1.5		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Naphthalene	ND	1.0	0.44		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
n-Propylbenzene	ND	0.50	0.14		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Styrene	ND	0.50	0.14	100	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1,1,2-Tetrachloroethane	ND	0.50	0.16		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	0.16		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Tetrachloroethylene	ND	0.50	0.14	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Tetrahydrofuran	ND	2.0	0.40		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Toluene	ND	0.50	0.16	1000	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2,3-Trichlorobenzene	ND	0.50	0.34		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2,4-Trichlorobenzene	ND	0.50	0.35	70	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,3,5-Trichlorobenzene	ND	0.50	0.29		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1,1-Trichloroethane	ND	0.50	0.19	200	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1,2-Trichloroethane	ND	0.50	0.15	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Trichloroethylene	ND	0.50	0.10	5	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Trichlorofluoromethane (Freon 11)	ND	0.50	0.16		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2,3-Trichloropropane	ND	0.50	0.13		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	0.23		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,2,4-Trimethylbenzene	ND	0.50	0.23		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
1,3,5-Trimethylbenzene	ND	0.50	0.16		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Vinyl Chloride	ND	0.50	0.19	2	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
m&p-Xylene	ND	1.0	0.30		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
o-Xylene	ND	0.50	0.16		µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Xylenes (total)	ND	1.5	0.98	10000	µg/L	1	U	EPA 524.2	10/25/23	10/25/23 12:28	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual						
4-Bromofluorobenzene	112		80-120				10/25/23 12:28				
1,2-Dichlorobenzene-d4	113		80-120				10/25/23 12:28				

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332**Sample Extraction Data****Prep Method: EPA 524.2-EPA 524.2**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23J2885-05 [PDW-1]	B356196	5	5.00	10/25/23

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23J2885-01 [MW-3]	B356077	5	5.00	10/24/23
23J2885-02 [MW-4]	B356077	5	5.00	10/24/23
23J2885-03 [MW-5]	B356077	2.5	5.00	10/24/23
23J2885-04 [RW-1]	B356077	1	5.00	10/24/23

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 B356077 - SW-846 5030B
Blank (B356077-BLK1)

Prepared & Analyzed: 10/24/23

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							U
Bromomethane	ND	2.0	1.3	µg/L							V-34, 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							V-05, V-34, 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							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							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 B356077 - SW-846 5030B
Blank (B356077-BLK1)

Prepared & Analyzed: 10/24/23

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							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							V-05, 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	23.9			µg/L	25.0		95.6	70-130			
Surrogate: Toluene-d8	26.2			µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	26.6			µg/L	25.0		106	70-130			

LCS (B356077-BS1)

Prepared & Analyzed: 10/24/23

Acetone	84.5	50	2.0	µg/L	100		84.5	70-160			V-35	†
Acrylonitrile	8.57	5.0	0.47	µg/L	10.0		85.7	70-130				
tert-Amyl Methyl Ether (TAME)	11.5	0.50	0.13	µg/L	10.0		115	70-130				
Benzene	11.3	1.0	0.18	µg/L	10.0		113	70-130				
Bromobenzene	10.4	1.0	0.15	µg/L	10.0		104	70-130				
Bromochloromethane	12.0	1.0	0.28	µg/L	10.0		120	70-130			V-20	
Bromodichloromethane	10.1	0.50	0.16	µg/L	10.0		101	70-130				
Bromoform	8.82	1.0	0.41	µg/L	10.0		88.2	70-130				
Bromomethane	9.11	2.0	1.3	µg/L	10.0		91.1	40-160			V-34	†
2-Butanone (MEK)	107	20	1.7	µg/L	100		107	40-160				†
tert-Butyl Alcohol (TBA)	89.1	20	4.3	µg/L	100		89.1	40-160			V-05	†
n-Butylbenzene	10.3	1.0	0.15	µg/L	10.0		103	70-130				
sec-Butylbenzene	10.0	1.0	0.13	µg/L	10.0		100	70-130				
tert-Butylbenzene	9.54	1.0	0.14	µg/L	10.0		95.4	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.7	0.50	0.15	µg/L	10.0		117	70-130				
Carbon Disulfide	103	5.0	1.6	µg/L	100		103	70-130			V-35	

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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 B356077 - SW-846 5030B
LCS (B356077-BS1)

Prepared & Analyzed: 10/24/23

Carbon Tetrachloride	11.4	5.0	0.16	µg/L	10.0		114	70-130			
Chlorobenzene	9.81	1.0	0.12	µg/L	10.0		98.1	70-130			
Chlorodibromomethane	10.1	0.50	0.20	µg/L	10.0		101	70-130			
Chloroethane	11.6	2.0	0.34	µg/L	10.0		116	70-130			
Chloroform	10.3	2.0	0.14	µg/L	10.0		103	70-130			
Chloromethane	5.51	2.0	0.50	µg/L	10.0		55.1	40-160			V-05, V-34 †
2-Chlorotoluene	9.30	1.0	0.15	µg/L	10.0		93.0	70-130			
4-Chlorotoluene	10.4	1.0	0.15	µg/L	10.0		104	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.91	5.0	0.85	µg/L	10.0		89.1	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	0.16	µg/L	10.0		108	70-130			
Dibromomethane	10.3	1.0	0.32	µg/L	10.0		103	70-130			
1,2-Dichlorobenzene	9.32	1.0	0.13	µg/L	10.0		93.2	70-130			
1,3-Dichlorobenzene	9.72	1.0	0.14	µg/L	10.0		97.2	70-130			
1,4-Dichlorobenzene	9.43	1.0	0.13	µg/L	10.0		94.3	70-130			
trans-1,4-Dichloro-2-butene	8.97	2.0	1.5	µg/L	10.0		89.7	70-130			
Dichlorodifluoromethane (Freon 12)	8.61	2.0	0.16	µg/L	10.0		86.1	40-160			†
1,1-Dichloroethane	10.9	1.0	0.14	µg/L	10.0		109	70-130			
1,2-Dichloroethane	9.19	1.0	0.30	µg/L	10.0		91.9	70-130			
1,1-Dichloroethylene	8.46	1.0	0.14	µg/L	10.0		84.6	70-130			
cis-1,2-Dichloroethylene	10.8	1.0	0.14	µg/L	10.0		108	70-130			
trans-1,2-Dichloroethylene	10.4	1.0	0.17	µg/L	10.0		104	70-130			
1,2-Dichloropropane	10.9	1.0	0.19	µg/L	10.0		109	70-130			
1,3-Dichloropropane	11.1	0.50	0.12	µg/L	10.0		111	70-130			
2,2-Dichloropropane	11.6	1.0	0.35	µg/L	10.0		116	40-130			†
1,1-Dichloropropene	11.0	2.0	0.15	µg/L	10.0		110	70-130			
cis-1,3-Dichloropropene	10.6	0.50	0.16	µg/L	10.0		106	70-130			
trans-1,3-Dichloropropene	10.5	0.50	0.14	µg/L	10.0		105	70-130			
Diethyl Ether	9.77	2.0	0.14	µg/L	10.0		97.7	70-130			
Diisopropyl Ether (DIPE)	11.6	0.50	0.20	µg/L	10.0		116	70-130			
1,4-Dioxane	109	50	18	µg/L	100		109	40-130			†
Ethylbenzene	9.88	1.0	0.22	µg/L	10.0		98.8	70-130			
Hexachlorobutadiene	10.7	0.60	0.47	µg/L	10.0		107	70-130			
2-Hexanone (MBK)	110	10	1.2	µg/L	100		110	70-160			†
Isopropylbenzene (Cumene)	9.95	1.0	0.15	µg/L	10.0		99.5	70-130			
p-Isopropyltoluene (p-Cymene)	9.99	1.0	0.13	µg/L	10.0		99.9	70-130			
Methyl Acetate	11.0	1.0	0.61	µg/L	10.0		110	70-130			
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	0.17	µg/L	10.0		115	70-130			
Methyl Cyclohexane	10.9	1.0	0.16	µg/L	10.0		109	70-130			
Methylene Chloride	9.00	5.0	0.18	µg/L	10.0		90.0	70-130			
4-Methyl-2-pentanone (MIBK)	111	10	1.3	µg/L	100		111	70-160			†
Naphthalene	9.67	2.0	0.38	µg/L	10.0		96.7	40-130			†
n-Propylbenzene	10.2	1.0	0.12	µg/L	10.0		102	70-130			
Styrene	9.97	1.0	0.15	µg/L	10.0		99.7	70-130			
1,1,1,2-Tetrachloroethane	9.71	1.0	0.16	µg/L	10.0		97.1	70-130			
1,1,2,2-Tetrachloroethane	9.89	0.50	0.14	µg/L	10.0		98.9	70-130			
Tetrachloroethylene	10.1	1.0	0.17	µg/L	10.0		101	70-130			
Tetrahydrofuran	11.4	10	0.49	µg/L	10.0		114	70-130			
Toluene	10.4	1.0	0.22	µg/L	10.0		104	70-130			
1,2,3-Trichlorobenzene	9.13	5.0	0.34	µg/L	10.0		91.3	70-130			
1,2,4-Trichlorobenzene	8.98	1.0	0.30	µg/L	10.0		89.8	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
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Batch B356077 - SW-846 5030B
LCS (B356077-BS1)

Prepared & Analyzed: 10/24/23

1,3,5-Trichlorobenzene	9.43	1.0	0.21	µg/L	10.0		94.3	70-130			
1,1,1-Trichloroethane	10.1	1.0	0.15	µg/L	10.0		101	70-130			
1,1,2-Trichloroethane	10.6	1.0	0.19	µg/L	10.0		106	70-130			
Trichloroethylene	10.6	1.0	0.17	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	9.10	2.0	0.15	µg/L	10.0		91.0	70-130			
1,2,3-Trichloropropane	9.76	2.0	0.28	µg/L	10.0		97.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.69	1.0	0.21	µg/L	10.0		96.9	70-130			
1,2,4-Trimethylbenzene	9.81	1.0	0.20	µg/L	10.0		98.1	70-130			
1,3,5-Trimethylbenzene	10.1	1.0	0.15	µg/L	10.0		101	70-130			
Vinyl Chloride	6.46	2.0	0.24	µg/L	10.0		64.6	40-160			V-05 †
m+p Xylene	19.6	2.0	0.49	µg/L	20.0		98.0	70-130			
o-Xylene	10.2	1.0	0.24	µg/L	10.0		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.6			µg/L	25.0		98.3	70-130			
Surrogate: Toluene-d8	25.8			µg/L	25.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	26.7			µg/L	25.0		107	70-130			

LCS Dup (B356077-BSD1)

Prepared & Analyzed: 10/24/23

Acetone	83.5	50	2.0	µg/L	100		83.5	70-160	1.21	25	V-35 †
Acrylonitrile	8.93	5.0	0.47	µg/L	10.0		89.3	70-130	4.11	25	
tert-Amyl Methyl Ether (TAME)	11.1	0.50	0.13	µg/L	10.0		111	70-130	3.10	25	
Benzene	10.9	1.0	0.18	µg/L	10.0		109	70-130	3.15	25	
Bromobenzene	10.4	1.0	0.15	µg/L	10.0		104	70-130	0.962	25	
Bromochloromethane	11.7	1.0	0.28	µg/L	10.0		117	70-130	2.45	25	V-20
Bromodichloromethane	9.97	0.50	0.16	µg/L	10.0		99.7	70-130	1.69	25	
Bromoform	8.51	1.0	0.41	µg/L	10.0		85.1	70-130	3.58	25	
Bromomethane	9.99	2.0	1.3	µg/L	10.0		99.9	40-160	9.21	25	V-34 †
2-Butanone (MEK)	107	20	1.7	µg/L	100		107	40-160	0.0280	25	†
tert-Butyl Alcohol (TBA)	80.4	20	4.3	µg/L	100		80.4	40-160	10.2	25	V-05 †
n-Butylbenzene	9.63	1.0	0.15	µg/L	10.0		96.3	70-130	6.82	25	
sec-Butylbenzene	9.48	1.0	0.13	µg/L	10.0		94.8	70-130	5.64	25	
tert-Butylbenzene	9.08	1.0	0.14	µg/L	10.0		90.8	70-130	4.94	25	
tert-Butyl Ethyl Ether (TBEE)	11.2	0.50	0.15	µg/L	10.0		112	70-130	4.02	25	
Carbon Disulfide	99.4	5.0	1.6	µg/L	100		99.4	70-130	3.26	25	V-35
Carbon Tetrachloride	11.1	5.0	0.16	µg/L	10.0		111	70-130	2.76	25	
Chlorobenzene	9.67	1.0	0.12	µg/L	10.0		96.7	70-130	1.44	25	
Chlorodibromomethane	9.77	0.50	0.20	µg/L	10.0		97.7	70-130	3.32	25	
Chloroethane	11.6	2.0	0.34	µg/L	10.0		116	70-130	0.172	25	
Chloroform	10.1	2.0	0.14	µg/L	10.0		101	70-130	2.15	25	
Chloromethane	6.33	2.0	0.50	µg/L	10.0		63.3	40-160	13.9	25	V-05, V-34 †
2-Chlorotoluene	9.26	1.0	0.15	µg/L	10.0		92.6	70-130	0.431	25	
4-Chlorotoluene	10.2	1.0	0.15	µg/L	10.0		102	70-130	1.56	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.36	5.0	0.85	µg/L	10.0		83.6	70-130	6.37	25	
1,2-Dibromoethane (EDB)	10.4	0.50	0.16	µg/L	10.0		104	70-130	3.98	25	
Dibromomethane	9.76	1.0	0.32	µg/L	10.0		97.6	70-130	5.48	25	
1,2-Dichlorobenzene	8.75	1.0	0.13	µg/L	10.0		87.5	70-130	6.31	25	
1,3-Dichlorobenzene	9.22	1.0	0.14	µg/L	10.0		92.2	70-130	5.28	25	
1,4-Dichlorobenzene	8.85	1.0	0.13	µg/L	10.0		88.5	70-130	6.35	25	
trans-1,4-Dichloro-2-butene	8.01	2.0	1.5	µg/L	10.0		80.1	70-130	11.3	25	
Dichlorodifluoromethane (Freon 12)	8.28	2.0	0.16	µg/L	10.0		82.8	40-160	3.91	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 B356077 - SW-846 5030B											
LCS Dup (B356077-BSD1)					Prepared & Analyzed: 10/24/23						
1,1-Dichloroethane	10.5	1.0	0.14	µg/L	10.0		105	70-130	3.56	25	
1,2-Dichloroethane	8.88	1.0	0.30	µg/L	10.0		88.8	70-130	3.43	25	
1,1-Dichloroethylene	8.26	1.0	0.14	µg/L	10.0		82.6	70-130	2.39	25	
cis-1,2-Dichloroethylene	10.4	1.0	0.14	µg/L	10.0		104	70-130	3.41	25	
trans-1,2-Dichloroethylene	10.1	1.0	0.17	µg/L	10.0		101	70-130	3.51	25	
1,2-Dichloropropane	10.6	1.0	0.19	µg/L	10.0		106	70-130	2.70	25	
1,3-Dichloropropane	10.4	0.50	0.12	µg/L	10.0		104	70-130	6.51	25	
2,2-Dichloropropane	11.2	1.0	0.35	µg/L	10.0		112	40-130	4.30	25	†
1,1-Dichloropropene	10.6	2.0	0.15	µg/L	10.0		106	70-130	4.08	25	
cis-1,3-Dichloropropene	10.2	0.50	0.16	µg/L	10.0		102	70-130	4.03	25	
trans-1,3-Dichloropropene	9.75	0.50	0.14	µg/L	10.0		97.5	70-130	7.22	25	
Diethyl Ether	9.64	2.0	0.14	µg/L	10.0		96.4	70-130	1.34	25	
Diisopropyl Ether (DIPE)	11.2	0.50	0.20	µg/L	10.0		112	70-130	2.98	25	
1,4-Dioxane	110	50	18	µg/L	100		110	40-130	0.877	50	† ‡
Ethylbenzene	9.61	1.0	0.22	µg/L	10.0		96.1	70-130	2.77	25	
Hexachlorobutadiene	10.2	0.60	0.47	µg/L	10.0		102	70-130	4.30	25	
2-Hexanone (MBK)	100	10	1.2	µg/L	100		100	70-160	9.70	25	†
Isopropylbenzene (Cumene)	9.70	1.0	0.15	µg/L	10.0		97.0	70-130	2.54	25	
p-Isopropyltoluene (p-Cymene)	9.49	1.0	0.13	µg/L	10.0		94.9	70-130	5.13	25	
Methyl Acetate	10.3	1.0	0.61	µg/L	10.0		103	70-130	6.68	25	
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	0.17	µg/L	10.0		112	70-130	3.26	25	
Methyl Cyclohexane	10.4	1.0	0.16	µg/L	10.0		104	70-130	4.99	25	
Methylene Chloride	8.68	5.0	0.18	µg/L	10.0		86.8	70-130	3.62	25	
4-Methyl-2-pentanone (MIBK)	105	10	1.3	µg/L	100		105	70-160	5.63	25	†
Naphthalene	8.51	2.0	0.38	µg/L	10.0		85.1	40-130	12.8	25	†
n-Propylbenzene	9.94	1.0	0.12	µg/L	10.0		99.4	70-130	2.29	25	
Styrene	9.78	1.0	0.15	µg/L	10.0		97.8	70-130	1.92	25	
1,1,1,2-Tetrachloroethane	9.62	1.0	0.16	µg/L	10.0		96.2	70-130	0.931	25	
1,1,2,2-Tetrachloroethane	9.33	0.50	0.14	µg/L	10.0		93.3	70-130	5.83	25	
Tetrachloroethylene	9.78	1.0	0.17	µg/L	10.0		97.8	70-130	2.92	25	
Tetrahydrofuran	10.0	10	0.49	µg/L	10.0		100	70-130	12.4	25	
Toluene	10.1	1.0	0.22	µg/L	10.0		101	70-130	3.22	25	
1,2,3-Trichlorobenzene	8.39	5.0	0.34	µg/L	10.0		83.9	70-130	8.45	25	
1,2,4-Trichlorobenzene	8.66	1.0	0.30	µg/L	10.0		86.6	70-130	3.63	25	
1,3,5-Trichlorobenzene	9.03	1.0	0.21	µg/L	10.0		90.3	70-130	4.33	25	
1,1,1-Trichloroethane	9.93	1.0	0.15	µg/L	10.0		99.3	70-130	1.70	25	
1,1,2-Trichloroethane	10.4	1.0	0.19	µg/L	10.0		104	70-130	2.00	25	
Trichloroethylene	9.93	1.0	0.17	µg/L	10.0		99.3	70-130	6.72	25	
Trichlorofluoromethane (Freon 11)	9.03	2.0	0.15	µg/L	10.0		90.3	70-130	0.772	25	
1,2,3-Trichloropropane	9.83	2.0	0.28	µg/L	10.0		98.3	70-130	0.715	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50	1.0	0.21	µg/L	10.0		95.0	70-130	1.98	25	
1,2,4-Trimethylbenzene	9.38	1.0	0.20	µg/L	10.0		93.8	70-130	4.48	25	
1,3,5-Trimethylbenzene	9.91	1.0	0.15	µg/L	10.0		99.1	70-130	2.00	25	
Vinyl Chloride	6.63	2.0	0.24	µg/L	10.0		66.3	40-160	2.60	25	V-05 †
m+p Xylene	19.7	2.0	0.49	µg/L	20.0		98.4	70-130	0.408	25	
o-Xylene	9.88	1.0	0.24	µg/L	10.0		98.8	70-130	3.29	25	
Surrogate: 1,2-Dichloroethane-d4	24.6			µg/L	25.0		98.2	70-130			
Surrogate: Toluene-d8	25.6			µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	26.6			µg/L	25.0		106	70-130			

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QUALITY CONTROL
Drinking Water Organics EPA 500 Series Methods - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B356196 - EPA 524.2
Blank (B356196-BLK1)

Prepared & Analyzed: 10/25/23

Acetone	ND	10	1.5	µg/L							U
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.26	µg/L							U
Benzene	ND	0.50	0.13	µg/L							U
Bromobenzene	ND	0.50	0.13	µg/L							U
Bromochloromethane	ND	0.50	0.18	µg/L							U
Bromodichloromethane	ND	0.50	0.12	µg/L							U
Bromoform	ND	0.50	0.17	µg/L							U
Bromomethane	ND	0.50	0.38	µg/L							U
2-Butanone (MEK)	ND	5.0	1.6	µg/L							U
tert-Butyl Alcohol (TBA)	ND	5.0	2.2	µg/L							U
n-Butylbenzene	ND	0.50	0.21	µg/L							U
sec-Butylbenzene	ND	0.50	0.15	µg/L							U
tert-Butylbenzene	ND	0.50	0.15	µg/L							U
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L							U
Carbon Disulfide	ND	5.0	1.8	µg/L							U
Carbon Tetrachloride	ND	0.50	0.13	µg/L							U
Chlorobenzene	ND	0.50	0.13	µg/L							U
Chloroethane	ND	0.50	0.19	µg/L							U
Chloroform	ND	0.50	0.12	µg/L							U
Chloromethane	ND	0.50	0.26	µg/L							U
2-Chlorotoluene	ND	0.50	0.13	µg/L							U
4-Chlorotoluene	ND	0.50	0.14	µg/L							U
Dibromochloromethane	ND	0.50	0.13	µg/L							U
1,2-Dibromo-3-chloropropane (DBCP)	ND	2.0	0.40	µg/L							U
1,2-Dibromoethane (EDB)	ND	0.50	0.14	µg/L							U
Dibromomethane	ND	0.50	0.13	µg/L							U
1,2-Dichlorobenzene	ND	0.50	0.14	µg/L							U
1,3-Dichlorobenzene	ND	0.50	0.13	µg/L							U
1,4-Dichlorobenzene	ND	0.50	0.14	µg/L							U
Dichlorodifluoromethane (Freon 12)	ND	0.50	0.21	µg/L							U
1,1-Dichloroethane	ND	0.50	0.15	µg/L							U
1,2-Dichloroethane	ND	0.50	0.12	µg/L							U
1,1-Dichloroethylene	ND	0.50	0.13	µg/L							U
cis-1,2-Dichloroethylene	ND	0.50	0.13	µg/L							U
trans-1,2-Dichloroethylene	ND	0.50	0.17	µg/L							U
1,2-Dichloropropane	ND	0.50	0.12	µg/L							U
1,3-Dichloropropane	ND	0.50	0.13	µg/L							U
2,2-Dichloropropane	ND	0.50	0.19	µg/L							U
1,1-Dichloropropene	ND	0.50	0.14	µg/L							U
cis-1,3-Dichloropropene	ND	0.50	0.17	µg/L							U
trans-1,3-Dichloropropene	ND	0.50	0.19	µg/L							U
Diethyl Ether	ND	0.50	0.13	µg/L							U
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L							U
Ethylbenzene	ND	0.50	0.13	µg/L							U
Hexachlorobutadiene	ND	0.50	0.34	µg/L							U
2-Hexanone (MBK)	ND	5.0	1.5	µg/L							U
Isopropylbenzene (Cumene)	ND	0.50	0.12	µg/L							U
p-Isopropyltoluene (p-Cymene)	ND	0.50	0.19	µg/L							U
Methyl tert-Butyl Ether (MTBE)	ND	0.50	0.13	µg/L							U
Methylene Chloride	ND	0.50	0.13	µg/L							U

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QUALITY CONTROL
Drinking Water Organics EPA 500 Series Methods - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B356196 - EPA 524.2
Blank (B356196-BLK1)

Prepared & Analyzed: 10/25/23

4-Methyl-2-pentanone (MIBK)	ND	5.0	1.5	µg/L							U
Naphthalene	ND	1.0	0.44	µg/L							U
n-Propylbenzene	ND	0.50	0.14	µg/L							U
Styrene	ND	0.50	0.14	µg/L							U
1,1,1,2-Tetrachloroethane	ND	0.50	0.16	µg/L							U
1,1,2,2-Tetrachloroethane	ND	0.50	0.16	µg/L							U
Tetrachloroethylene	ND	0.50	0.14	µg/L							U
Tetrahydrofuran	ND	2.0	0.40	µg/L							U
Toluene	ND	0.50	0.16	µg/L							U
1,2,3-Trichlorobenzene	ND	0.50	0.34	µg/L							U
1,2,4-Trichlorobenzene	ND	0.50	0.35	µg/L							U
1,3,5-Trichlorobenzene	ND	0.50	0.29	µg/L							U
1,1,1-Trichloroethane	ND	0.50	0.19	µg/L							U
1,1,2-Trichloroethane	ND	0.50	0.15	µg/L							U
Trichloroethylene	ND	0.50	0.10	µg/L							U
Trichlorofluoromethane (Freon 11)	ND	0.50	0.16	µg/L							U
1,2,3-Trichloropropane	ND	0.50	0.13	µg/L							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	0.23	µg/L							U
1,2,4-Trimethylbenzene	ND	0.50	0.23	µg/L							U
1,3,5-Trimethylbenzene	ND	0.50	0.16	µg/L							U
Vinyl Chloride	ND	0.50	0.19	µg/L							U
m&p-Xylene	ND	1.0	0.30	µg/L							U
o-Xylene	ND	0.50	0.16	µg/L							U
Xylenes (total)	ND	1.5	0.98	µg/L							U
Surrogate: 4-Bromofluorobenzene	27.5			µg/L	25.0		110	80-120			
Surrogate: 1,2-Dichlorobenzene-d4	27.5			µg/L	25.0		110	80-120			

LCS (B356196-BS1)

Prepared & Analyzed: 10/25/23

Acetone	87	10	1.5	µg/L	100		87.3	70-130			
tert-Amyl Methyl Ether (TAME)	9.3	0.50	0.26	µg/L	10.0		92.7	70-130			
Benzene	10	0.50	0.13	µg/L	10.0		103	70-130			
Bromobenzene	10	0.50	0.13	µg/L	10.0		103	70-130			
Bromochloromethane	11	0.50	0.18	µg/L	10.0		111	70-130			
Bromodichloromethane	10	0.50	0.12	µg/L	10.0		103	70-130			
Bromoform	10	0.50	0.17	µg/L	10.0		101	70-130			
Bromomethane	12	0.50	0.38	µg/L	10.0		118	70-130			
2-Butanone (MEK)	87	5.0	1.6	µg/L	100		86.6	70-130			
tert-Butyl Alcohol (TBA)	87	5.0	2.2	µg/L	100		87.2	70-130			
n-Butylbenzene	11	0.50	0.21	µg/L	10.0		111	70-130			
sec-Butylbenzene	11	0.50	0.15	µg/L	10.0		113	70-130			
tert-Butylbenzene	11	0.50	0.15	µg/L	10.0		110	70-130			
tert-Butyl Ethyl Ether (TBEE)	11	0.50	0.15	µg/L	10.0		106	70-130			
Carbon Disulfide	110	5.0	1.8	µg/L	100		111	70-130			
Carbon Tetrachloride	10	0.50	0.13	µg/L	10.0		101	70-130			
Chlorobenzene	10	0.50	0.13	µg/L	10.0		105	70-130			
Chloroethane	12	0.50	0.19	µg/L	10.0		118	70-130			
Chloroform	10	0.50	0.12	µg/L	10.0		102	70-130			
Chloromethane	12	0.50	0.26	µg/L	10.0		119	70-130			
2-Chlorotoluene	9.5	0.50	0.13	µg/L	10.0		95.2	70-130			

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QUALITY CONTROL
Drinking Water Organics EPA 500 Series Methods - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B356196 - EPA 524.2
LCS (B356196-BS1)

Prepared & Analyzed: 10/25/23

4-Chlorotoluene	11	0.50	0.14	µg/L	10.0		106	70-130			
Dibromochloromethane	10	0.50	0.13	µg/L	10.0		102	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.7	2.0	0.40	µg/L	10.0		86.6	70-130			
1,2-Dibromoethane (EDB)	10	0.50	0.14	µg/L	10.0		103	70-130			
Dibromomethane	10	0.50	0.13	µg/L	10.0		102	70-130			
1,2-Dichlorobenzene	9.8	0.50	0.14	µg/L	10.0		97.7	70-130			
1,3-Dichlorobenzene	10	0.50	0.13	µg/L	10.0		104	70-130			
1,4-Dichlorobenzene	10	0.50	0.14	µg/L	10.0		103	70-130			
Dichlorodifluoromethane (Freon 12)	10	0.50	0.21	µg/L	10.0		102	70-130			
1,1-Dichloroethane	10	0.50	0.15	µg/L	10.0		103	70-130			
1,2-Dichloroethane	10	0.50	0.12	µg/L	10.0		101	70-130			
1,1-Dichloroethylene	11	0.50	0.13	µg/L	10.0		106	70-130			
cis-1,2-Dichloroethylene	10	0.50	0.13	µg/L	10.0		104	70-130			
trans-1,2-Dichloroethylene	10	0.50	0.17	µg/L	10.0		103	70-130			
1,2-Dichloropropane	11	0.50	0.12	µg/L	10.0		108	70-130			
1,3-Dichloropropane	11	0.50	0.13	µg/L	10.0		105	70-130			
2,2-Dichloropropane	10	0.50	0.19	µg/L	10.0		102	70-130			
1,1-Dichloropropene	11	0.50	0.14	µg/L	10.0		109	70-130			
cis-1,3-Dichloropropene	11	0.50	0.17	µg/L	10.0		106	70-130			
trans-1,3-Dichloropropene	10	0.50	0.19	µg/L	10.0		103	70-130			
Diethyl Ether	10	0.50	0.13	µg/L	10.0		104	70-130			
Diisopropyl Ether (DIPE)	11	0.50	0.13	µg/L	10.0		111	70-130			
Ethylbenzene	11	0.50	0.13	µg/L	10.0		108	70-130			
Hexachlorobutadiene	11	0.50	0.34	µg/L	10.0		106	70-130			
2-Hexanone (MBK)	97	5.0	1.5	µg/L	100		97.2	70-130			
Isopropylbenzene (Cumene)	11	0.50	0.12	µg/L	10.0		105	70-130			
p-Isopropyltoluene (p-Cymene)	11	0.50	0.19	µg/L	10.0		115	70-130			
Methyl tert-Butyl Ether (MTBE)	9.9	0.50	0.13	µg/L	10.0		98.8	70-130			
Methylene Chloride	10	0.50	0.13	µg/L	10.0		104	70-130			
4-Methyl-2-pentanone (MIBK)	100	5.0	1.5	µg/L	100		99.5	70-130			
Naphthalene	11	1.0	0.44	µg/L	10.0		111	70-130			
n-Propylbenzene	11	0.50	0.14	µg/L	10.0		109	70-130			
Styrene	11	0.50	0.14	µg/L	10.0		112	70-130			
1,1,1,2-Tetrachloroethane	10	0.50	0.16	µg/L	10.0		102	70-130			
1,1,2,2-Tetrachloroethane	9.6	0.50	0.16	µg/L	10.0		95.5	70-130			
Tetrachloroethylene	10	0.50	0.14	µg/L	10.0		102	70-130			
Tetrahydrofuran	9.8	2.0	0.40	µg/L	10.0		97.6	70-130			
Toluene	10	0.50	0.16	µg/L	10.0		105	70-130			
1,2,3-Trichlorobenzene	11	0.50	0.34	µg/L	10.0		113	70-130			
1,2,4-Trichlorobenzene	11	0.50	0.35	µg/L	10.0		107	70-130			
1,3,5-Trichlorobenzene	9.9	0.50	0.29	µg/L	10.0		99.0	70-130			
1,1,1-Trichloroethane	10	0.50	0.19	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	10	0.50	0.15	µg/L	10.0		104	70-130			
Trichloroethylene	11	0.50	0.10	µg/L	10.0		106	70-130			
Trichlorofluoromethane (Freon 11)	11	0.50	0.16	µg/L	10.0		113	70-130			
1,2,3-Trichloropropane	9.3	0.50	0.13	µg/L	10.0		92.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	0.50	0.23	µg/L	10.0		103	70-130			
1,2,4-Trimethylbenzene	11	0.50	0.23	µg/L	10.0		109	70-130			
1,3,5-Trimethylbenzene	11	0.50	0.16	µg/L	10.0		108	70-130			

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QUALITY CONTROL
Drinking Water Organics EPA 500 Series Methods - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B356196 - EPA 524.2
LCS (B356196-BS1)

Prepared & Analyzed: 10/25/23

Vinyl Chloride	12	0.50	0.19	µg/L	10.0		117	70-130			
m&p-Xylene	21	1.0	0.30	µg/L	20.0		103	70-130			
o-Xylene	11	0.50	0.16	µg/L	10.0		106	70-130			
Xylenes (total)	31	1.5	0.98	µg/L	30.0		104	0-200			
Surrogate: 4-Bromofluorobenzene	26.6			µg/L	25.0		107	80-120			
Surrogate: 1,2-Dichlorobenzene-d4	25.6			µg/L	25.0		102	80-120			

LCS Dup (B356196-BSD1)

Prepared & Analyzed: 10/25/23

Acetone	89	10	1.5	µg/L	100		89.3	70-130	2.26		
tert-Amyl Methyl Ether (TAME)	9.4	0.50	0.26	µg/L	10.0		93.6	70-130	0.966		
Benzene	10	0.50	0.13	µg/L	10.0		102	70-130	0.293		
Bromobenzene	10	0.50	0.13	µg/L	10.0		102	70-130	1.17		
Bromochloromethane	11	0.50	0.18	µg/L	10.0		106	70-130	4.51		
Bromodichloromethane	10	0.50	0.12	µg/L	10.0		102	70-130	1.17		
Bromoform	11	0.50	0.17	µg/L	10.0		107	70-130	5.68		
Bromomethane	14	0.50	0.38	µg/L	10.0		138	* 70-130	15.0		L-07
2-Butanone (MEK)	88	5.0	1.6	µg/L	100		87.8	70-130	1.37		
tert-Butyl Alcohol (TBA)	92	5.0	2.2	µg/L	100		92.3	70-130	5.75		
n-Butylbenzene	11	0.50	0.21	µg/L	10.0		112	70-130	0.358		
sec-Butylbenzene	11	0.50	0.15	µg/L	10.0		114	70-130	1.06		
tert-Butylbenzene	11	0.50	0.15	µg/L	10.0		110	70-130	0.454		
tert-Butyl Ethyl Ether (TBEE)	11	0.50	0.15	µg/L	10.0		108	70-130	2.43		
Carbon Disulfide	110	5.0	1.8	µg/L	100		111	70-130	0.0718		
Carbon Tetrachloride	10	0.50	0.13	µg/L	10.0		102	70-130	1.08		
Chlorobenzene	10	0.50	0.13	µg/L	10.0		104	70-130	1.15		
Chloroethane	12	0.50	0.19	µg/L	10.0		121	70-130	2.17		
Chloroform	10	0.50	0.12	µg/L	10.0		100	70-130	1.09		
Chloromethane	14	0.50	0.26	µg/L	10.0		140	* 70-130	15.8		L-07
2-Chlorotoluene	9.5	0.50	0.13	µg/L	10.0		95.0	70-130	0.210		
4-Chlorotoluene	11	0.50	0.14	µg/L	10.0		107	70-130	0.848		
Dibromochloromethane	10	0.50	0.13	µg/L	10.0		102	70-130	0.0979		
1,2-Dibromo-3-chloropropane (DBCP)	8.7	2.0	0.40	µg/L	10.0		87.0	70-130	0.461		
1,2-Dibromoethane (EDB)	10	0.50	0.14	µg/L	10.0		102	70-130	0.488		
Dibromomethane	10	0.50	0.13	µg/L	10.0		102	70-130	0.197		
1,2-Dichlorobenzene	10	0.50	0.14	µg/L	10.0		100	70-130	2.53		
1,3-Dichlorobenzene	10	0.50	0.13	µg/L	10.0		105	70-130	0.383		
1,4-Dichlorobenzene	10	0.50	0.14	µg/L	10.0		102	70-130	0.293		
Dichlorodifluoromethane (Freon 12)	11	0.50	0.21	µg/L	10.0		106	70-130	3.17		
1,1-Dichloroethane	10	0.50	0.15	µg/L	10.0		103	70-130	0.0969		
1,2-Dichloroethane	10	0.50	0.12	µg/L	10.0		99.6	70-130	1.10		
1,1-Dichloroethylene	10	0.50	0.13	µg/L	10.0		104	70-130	1.43		
cis-1,2-Dichloroethylene	10	0.50	0.13	µg/L	10.0		103	70-130	0.962		
trans-1,2-Dichloroethylene	10	0.50	0.17	µg/L	10.0		101	70-130	2.05		
1,2-Dichloropropane	10	0.50	0.12	µg/L	10.0		104	70-130	3.41		
1,3-Dichloropropane	10	0.50	0.13	µg/L	10.0		104	70-130	1.82		
2,2-Dichloropropane	10	0.50	0.19	µg/L	10.0		102	70-130	0.491		
1,1-Dichloropropene	11	0.50	0.14	µg/L	10.0		109	70-130	0.0914		
cis-1,3-Dichloropropene	11	0.50	0.17	µg/L	10.0		106	70-130	0.283		
trans-1,3-Dichloropropene	10	0.50	0.19	µg/L	10.0		101	70-130	2.36		
Diethyl Ether	11	0.50	0.13	µg/L	10.0		106	70-130	1.81		

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

QUALITY CONTROL
Drinking Water Organics EPA 500 Series Methods - Quality Control

Analyte	Result	Reporting Limit	DL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B356196 - EPA 524.2
LCS Dup (B356196-BSD1)

Prepared & Analyzed: 10/25/23

Diisopropyl Ether (DIPE)	11	0.50	0.13	µg/L	10.0		108	70-130	2.19		
Ethylbenzene	11	0.50	0.13	µg/L	10.0		108	70-130	0.00		
Hexachlorobutadiene	11	0.50	0.34	µg/L	10.0		110	70-130	3.53		
2-Hexanone (MBK)	100	5.0	1.5	µg/L	100		101	70-130	3.44		
Isopropylbenzene (Cumene)	11	0.50	0.12	µg/L	10.0		106	70-130	0.568		
p-Isopropyltoluene (p-Cymene)	12	0.50	0.19	µg/L	10.0		116	70-130	1.04		
Methyl tert-Butyl Ether (MTBE)	9.9	0.50	0.13	µg/L	10.0		99.0	70-130	0.202		
Methylene Chloride	11	0.50	0.13	µg/L	10.0		105	70-130	0.668		
4-Methyl-2-pentanone (MIBK)	100	5.0	1.5	µg/L	100		101	70-130	1.02		
Naphthalene	11	1.0	0.44	µg/L	10.0		112	70-130	1.07		
n-Propylbenzene	11	0.50	0.14	µg/L	10.0		110	70-130	1.01		
Styrene	11	0.50	0.14	µg/L	10.0		112	70-130	0.178		
1,1,1,2-Tetrachloroethane	10	0.50	0.16	µg/L	10.0		100	70-130	1.48		
1,1,2,2-Tetrachloroethane	9.8	0.50	0.16	µg/L	10.0		97.8	70-130	2.38		
Tetrachloroethylene	10	0.50	0.14	µg/L	10.0		104	70-130	2.63		
Tetrahydrofuran	9.1	2.0	0.40	µg/L	10.0		91.4	70-130	6.56		
Toluene	10	0.50	0.16	µg/L	10.0		102	70-130	2.32		
1,2,3-Trichlorobenzene	12	0.50	0.34	µg/L	10.0		119	70-130	5.15		
1,2,4-Trichlorobenzene	11	0.50	0.35	µg/L	10.0		112	70-130	4.20		
1,3,5-Trichlorobenzene	10	0.50	0.29	µg/L	10.0		101	70-130	2.10		
1,1,1-Trichloroethane	10	0.50	0.19	µg/L	10.0		103	70-130	2.75		
1,1,2-Trichloroethane	10	0.50	0.15	µg/L	10.0		100	70-130	3.34		
Trichloroethylene	10	0.50	0.10	µg/L	10.0		104	70-130	2.47		
Trichlorofluoromethane (Freon 11)	11	0.50	0.16	µg/L	10.0		112	70-130	1.24		
1,2,3-Trichloropropane	9.3	0.50	0.13	µg/L	10.0		93.1	70-130	0.215		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	0.50	0.23	µg/L	10.0		103	70-130	0.0969		
1,2,4-Trimethylbenzene	11	0.50	0.23	µg/L	10.0		111	70-130	1.73		
1,3,5-Trimethylbenzene	11	0.50	0.16	µg/L	10.0		108	70-130	0.0923		
Vinyl Chloride	12	0.50	0.19	µg/L	10.0		117	70-130	0.257		
m&p-Xylene	21	1.0	0.30	µg/L	20.0		104	70-130	1.11		
o-Xylene	11	0.50	0.16	µg/L	10.0		106	70-130	0.0944		
Xylenes (total)	31	1.5	0.98	µg/L	30.0		105	0-200	0.704		
Surrogate: 4-Bromofluorobenzene	26.7			µg/L	25.0		107	80-120			
Surrogate: 1,2-Dichlorobenzene-d4	26.1			µg/L	25.0		104	80-120			

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-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.
RL-11	Elevated reporting limit due to high concentration of target compounds.
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.

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 524.2 in Drinking Water</i>	
Benzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Bromobenzene	CT,MA,NH,NY,RI,VT-DW
Bromochloromethane	CT,MA,NH,NY,RI,VT-DW
Bromodichloromethane	MA,NH,NY,RI,ME,VA,VT-DW
Bromoform	NH,NY,RI,ME,VT-DW
Bromomethane	CT,MA,NH,NY,RI,VT-DW
n-Butylbenzene	CT,MA,NH,NY,RI,VT-DW
sec-Butylbenzene	CT,MA,NH,NY,RI,VT-DW
tert-Butylbenzene	CT,MA,NH,NY,RI,VT-DW
Carbon Tetrachloride	CT,MA,NH,NY,RI,ME,VA,VT-DW
Chlorobenzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Chloroethane	CT,MA,NH,NY,RI,VT-DW
Chloroform	MA,NH,NY,RI,ME,VA,VT-DW
Chloromethane	CT,MA,NH,NY,RI,VT-DW
2-Chlorotoluene	CT,MA,NH,NY,RI,VT-DW
4-Chlorotoluene	CT,MA,NH,NY,RI,VT-DW
Dibromochloromethane	MA,NH,NY,RI,ME,VA,VT-DW
Dibromomethane	CT,MA,NH,NY,RI,VT-DW
1,2-Dichlorobenzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,3-Dichlorobenzene	CT,MA,NH,NY,RI,VT-DW
1,4-Dichlorobenzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Dichlorodifluoromethane (Freon 12)	CT,MA,NH,NY,RI,VT-DW
1,1-Dichloroethane	CT,MA,NH,NY,RI,VT-DW
1,2-Dichloroethane	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,1-Dichloroethylene	CT,MA,NH,NY,RI,ME,VA,VT-DW
cis-1,2-Dichloroethylene	CT,MA,NH,NY,RI,ME,VA,VT-DW
trans-1,2-Dichloroethylene	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,2-Dichloropropane	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,3-Dichloropropane	CT,MA,NH,NY,RI,VT-DW
2,2-Dichloropropane	CT,MA,NH,NY,RI,VT-DW
1,1-Dichloropropene	CT,MA,NH,NY,RI,VT-DW
cis-1,3-Dichloropropene	CT,MA,NH,NY,RI,VT-DW
trans-1,3-Dichloropropene	CT,MA,NH,NY,RI,VT-DW
1,3-Dichloropropene (total)	CT,MA
Ethylbenzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Hexachlorobutadiene	CT,MA,NH,NY,RI,VT-DW
Isopropylbenzene (Cumene)	CT,MA,NH,NY,RI,VT-DW
p-Isopropyltoluene (p-Cymene)	CT,MA,NH,NY,RI,VT-DW
Methyl tert-Butyl Ether (MTBE)	CT,MA,NH,NY,RI,ME,VT-DW
Methylene Chloride	CT,MA,NH,NY,RI,ME,VA,VT-DW
Naphthalene	NY
n-Propylbenzene	NY,VT-DW
Styrene	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,1,1,2-Tetrachloroethane	CT,MA,NH,NY,RI,VT-DW
1,1,2,2-Tetrachloroethane	CT,MA,NH,NY,RI,VT-DW
Tetrachloroethylene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Toluene	CT,MA,NH,NY,RI,ME,VA,VT-DW

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 524.2 in Drinking Water</i>	
1,2,3-Trichlorobenzene	CT,MA,NH,NY,RI,VT-DW
1,2,4-Trichlorobenzene	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,1,1-Trichloroethane	CT,MA,NH,NY,RI,ME,VA,VT-DW
1,1,2-Trichloroethane	CT,MA,NH,NY,RI,ME,VA,VT-DW
Trichloroethylene	CT,MA,NH,NY,RI,ME,VA,VT-DW
Trichlorofluoromethane (Freon 11)	CT,MA,NH,NY,RI,VT-DW
1,2,3-Trichloropropane	CT,MA,NH,NY,RI,VT-DW
1,2,4-Trimethylbenzene	CT,MA,NH,NY,RI,VT-DW
1,3,5-Trimethylbenzene	CT,MA,NH,NY,RI,VT-DW
Vinyl Chloride	CT,MA,NH,NY,RI,ME,VA,VT-DW
m&p-Xylene	VA
o-Xylene	VA
Xylenes (total)	CT,MA,NH,NY,RI,ME,VA,VT-DW
<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

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
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
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
Xylenes (total)	ME,NY

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

Code	Description	Number	Expires
MA	Massachusetts DEP	M-MA100	06/30/2024
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
RI	Rhode Island Department of Health	LAO00373	12/30/2023
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

2352885

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1



Phone: 413-525-2332
Fax: 413-525-6405

Access COC's and Support Requests

Company Name: **COMMONWEALTH WILCOX & BARTON**
Address: **18 COMMONS DR, UNIT 12B, LONGMEADOW, MA**
Phone: **603-369-4190**
Project Name: **DUMAS001**
Project Location: **219 MAIN ST, HAMPSHIRE, NH**
Project Number: **DUMAS001**
Project Manager: **M. AROLD**
Pace Quote Name/Number:
Invoice Recipient: **D. PERCY**
Sampled By: **D. PERCY**

Requested Turnaround Time			Dissolved Metals Samples	
7-Day ☐	10-Day ☐		☐ Field Filtered	
PFAS 10-Day (std) ☐	Due Date: 5/04/24		☐ 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 ☒	PCB ONLY		
Other:		SOXHLET ☐		
CLP Like Data Pkg Required: ☐		NON SOXHLET ☐		
Email To: marald@wilcoxandbarton.com				
Fax To #:				

ANALYSIS REQUESTED

Work Order #	Sample ID / Description	Beginning Date/Time	Ending Date/Time	Container	Matrix	Conc. Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE
1	MW-3	10/20/23	10/20	6W	U		3				
2	MW-4		10/25		U		3				
3	MW-5		10/25		H		3				
4	RW-1		0955		H		3				
5	PDW-1		0945	DW	U		3				

Vials 8260
Vials 5242

¹ 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

Relinquished by: (signature) **[Signature]** Date/Time: **10/20/23**

Received by: (signature) **[Signature]** Date/Time: **10/20/23 1310**

Relinquished by: (signature) **[Signature]** Date/Time: **10/20/23 1830**

Received by: (signature) **[Signature]** Date/Time: **10/20/23 1830**

Relinquished by: (signature) **[Signature]** Date/Time: **10/20/23 2256**

Received by: (signature) **[Signature]** Date/Time: **10/20/23 2256**

Relinquished by: (signature) **[Signature]** Date/Time: **10/20/23 2256**

Received by: (signature) **[Signature]** Date/Time: **10/20/23 2256**

Client Comments: **(B)**

Detection Limit Requirements	Special Requirements
MA ☐	MA MCP Required ☐
	MCP Certification Form Required ☐
CT ☐	CT RCP Required ☐
	RCP Certification Form Required ☐
	MA State DW Required ☐
Other: UTIDES AGOS	PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Other ☐ Chromatogram
☐ AIHA-LAP, LLC

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

Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. This 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 not be held accountable.

	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client WCB
 Project DUMAC001
 MCP/RCP Required NO
 Deliverable Package Requirement NHDES AGQS
 Location NH
 PWSID# (When Applicable) NA
 Arrival Method:
 Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
 Received By / Date / Time ME/M 10/20/23 1630
 Back-Sheet By / Date / Time SA 10/21/23 837
 Temperature Method gun # 5
 Temp < 6° C Actual Temperature 2.1, 2.2, 5.6
 Rush Samples: Yes / ☒ No Notify
 Short Hold: Yes / ☒ No Notify

Notes regarding Samples/COC outside of SOP:

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

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☐	☒
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐
COC Included: (Check all included)		
Client ☒	Analysis ☒	Sampler Name ☒
Project ☒	IDs ☒	Collection Date/Time ☐
All Samples Proper pH: <u>N/A</u> ☐ ☐		

Additional Container Notes

Note: West Virginia requires all samples to have their
 temperature taken. Note any outliers.

Effective Date: 07/13/2023

[illegible]