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

September 2023 Groundwater Data Submittal
Former Mr. Mike's Mobil
22 Henniker Street
Hillsborough, NH

NHDES Site #: 198904015
Project Type: UST
Facility ID: 0110384

Prepared For:
Global Companies LLC
800 South Street, Suite 500
Waltham, MA 02454
Phone Number (781) 250-7369
RP Contact Name: Mr. Jeff McCullough
RP Contact Email: jeff.mccullough@globalp.com

Prepared By:
Atlas Technical Consultants LLC
150 Zachary Road
Manchester, NH 03109
Phone Number (603) 647-7077
Contact Name: Steven P. Low, P.G.
Contact Email: steven.low@oneatlas.com

Date of Report: November 2023

Groundwater Monitoring Report Cover Sheet

Site Name: Mr. Mike's Mobil

Town: Hillsborough

Permit #: 198904015-H-002

Type of Submittal (*Check all that apply*)

☐ Periodic Summary Report (*year*):

☒ Data Submittal (*month and year per Condition #7 of Permit*): September 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?

This form is to be completed for groundwater monitoring data submittals and periodic summary reports submitted to the New Hampshire Department of Environmental Services Waste Management Division.

150 Zachary Road
Manchester, NH
603 647-7077 | www.oneatlas.com

November 1, 2023

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

RE: September 2023 Groundwater Sampling Data Submittal
Hillsborough – Former Mr. Mike's Mobil
22 Henniker Street
DES #198904015
Atlas Project No. 0221074823

Dear Sir or Madam:

On behalf of Alliance Energy LLC (Alliance), Atlas Technical Consultants LLC (Atlas), has prepared this Groundwater Sampling Data Submittal for groundwater monitoring recently completed at the above referenced location (the "Site", see Figure 1). Groundwater sampling activities were conducted on September 19, 2023 in general accordance with the requirements of New Hampshire Department of Environmental Services (NHDES) Groundwater Management Permit (GMP), No. GWP-198904015-H-004, issued on October 14 2021, and expires on October 13, 2026.

On September 19 2023, Atlas collected groundwater samples from monitoring wells MW-1R2, MW-2, MW-7R, and MW-9. Prior to groundwater sample collection, all monitoring wells were gauged for the depth to groundwater using an electronic water level indicator. A minimum of three static well volumes of groundwater were purged from monitoring wells MW-1R2, MW-2, MW-7R, and MW-9 using dedicated polyethylene bailers. Groundwater samples were collected for the NHDES *Full List of Volatile Organics* and were placed in 40-milliliter (mL) glass vials preserved with hydrochloric acid (HCl). The samples were stored in a cooler containing ice and were submitted to Con-Test Analytical Laboratory (Con-Test) of East Longmeadow, Massachusetts under chain of custody protocol. The samples were submitted volatile organic compound (VOC) analysis via EPA Method 8260. The laboratory analytical report is included as Appendix B.

Groundwater Elevation and Flow Direction

The depth to groundwater was measured from the top of the PVC well casing to calculate overburden groundwater elevations and determine the inferred groundwater flow direction. On September 19, 2023, the depth to groundwater ranged from 4.24 feet (MW-6) to 7.8 feet (MW-9). Table 1 includes current and historical groundwater elevation data obtained to date for the Site. Figure 2 illustrates the September 19, 2023 groundwater elevation contours and direction of groundwater flow beneath the Site. Groundwater flow has a east-southeasterly flow direction, which is consistent with prior gauging data.

Groundwater Analytical Results

Table 2 summarizes the laboratory analytical results for the groundwater samples collected from the Site on September 19, 2023 along with prior data. The groundwater quality data were compared to the Ambient Groundwater Quality Standards (AGQS) listed in Env-Or 600, *Contaminated Site Management*.

The following narrative summarizes the September 2023 groundwater quality data for the Site.

- Benzene was detected at concentrations above applicable AGQS in the groundwater samples collected from monitoring well MW-7R as summarized in Table 2A below. Additional VOCs were detected in the groundwater samples at concentrations below applicable AGQS.
- Several VOCs were detected in the groundwater sample collected from MW-1R2, but at concentrations below their respective AGQS.
- No VOCs were detected above the laboratory reportable detection limits (RDLs) in the groundwater samples collected from monitoring wells MW-2 and MW-9.

TABLE 2A
VOC Concentrations Exceeding AGQS
September 19, 2023

Monitoring Well	VOC	AGQS (ug/L)	Concentration (ug/L)
MW-7R	Benzene	5	5.4

NOTE: ug/L = Micrograms per liter

Recommendations

Atlas recommends continued annual groundwater sampling of monitoring wells MW-1R2, MW-2, MW-7R, and MW-9. The next groundwater sampling round is scheduled for September 2024.

Should you have any questions or comments regarding this information, please do not hesitate to contact the undersigned at the Manchester, New Hampshire office of Atlas.

Sincerely,
Atlas Technical Consultants LLC

Steven P. Low, P.G.
Branch Manager

Cc: Mr. Jeff McCullough, Alliance Energy LLC

Attachments

Figure 1: Site Locus
Figure 2: Groundwater Elevation/Contour Map- 9/19/2023

Table 1: Groundwater Elevation Data
Table 2: Groundwater Quality Data
Table 2A: VOC Concentrations Exceeding AGQS 9/19/2023 (in text)

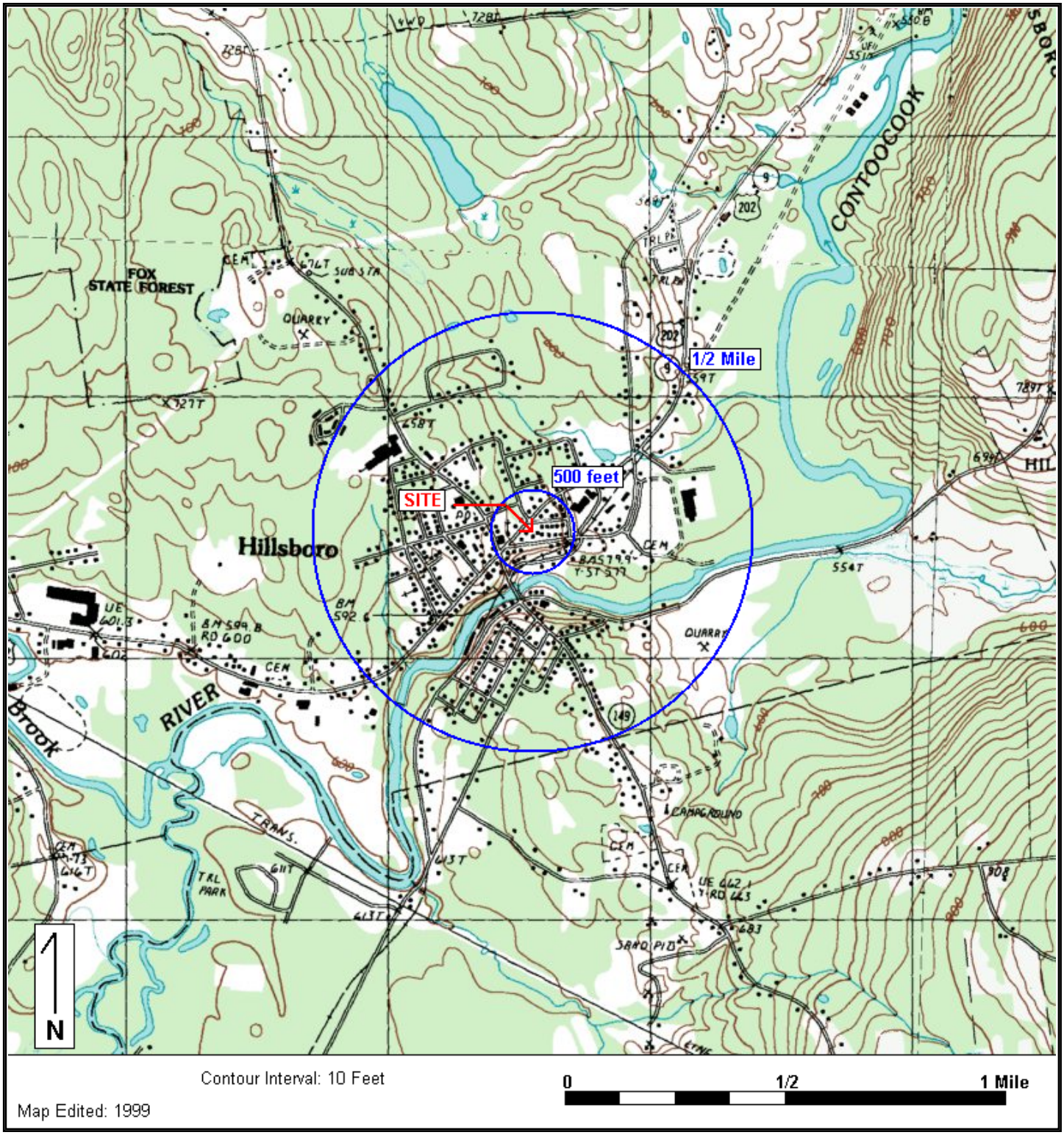
Appendix A: Groundwater Management Permit
Appendix B: Con-Test Analytical Laboratory Report

FIGURES

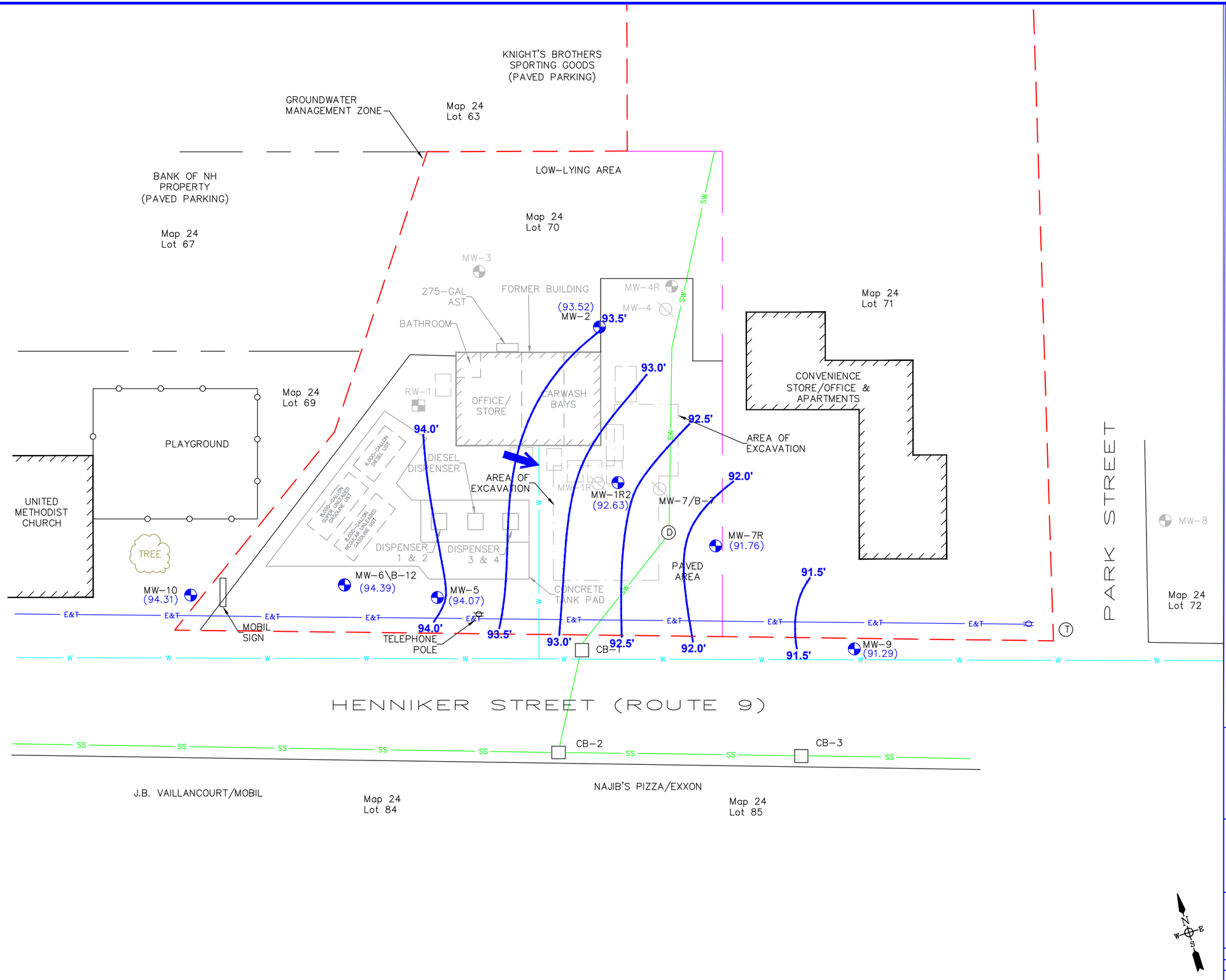
150 Zachary Road, Unit 1
Manchester, NH 03109
Phone 603.647.7077
www.oneatlas.com

Mr. Mike's Mobil
22 Henniker Street
Hillsborough, NH 03244

Figure 1: SITE LOCUS



Base Map: U.S. Geological Survey; Quadrangle Location: Hillsboro, NH
Lat/Lon: 43° 6' 56" NORTH, 71° 53' 36" WEST - UTM Coordinates: 19 264599 EAST / 4777706 NORTH
Generated By: Christine DiMaio



Legend

- Approximate Property Line
- Sewer & Stormwater Drain Line
- Stormwater Drain Line
- Overhead Electric & Phone Line
- Water Line
- Wood Fence
- CB-1 Catchbasin
- RW-1 Decommissioned Recovery Well
- MW-1 Groundwater Monitoring Well
- MW-1 Decommissioned Monitoring Well
- MW-2 Destroyed Monitoring Well
- Former UST Location
- D Drain Line Manhole
- T Telephone Manhole
- (91.89) Groundwater Elevation
- (*94.72) Suspect Groundwater Elevation, Not Contoured
- 92.5 Water Table Contour (Dashed where inferred)
- Flow Direction Indicator

General Notes:

All locations, dimensions, and property lines depicted on this plan are approximate. This plan should not be used for construction or land conveyance purposes.

Source:

GeoInsight Site Plan dated 9/26/06.

Groundwater Notes:

Horizontal, and vertical locations of wells, and selected site features determined through measurements made by representatives of ECS.

Groundwater elevations are relative to a temporary benchmark with an assumed datum of 100.00 feet.

Groundwater elevations are based on measurements made on September 19, 2023.

Water table contours, and flow directions assume homogenous, isotropic aquifer conditions, and horizontal flow.

Fluctuations in the level of the water table may occur due to factors not accounted for at the time of measurement.

0 Approximate Feet 30

NAME/ADDRESS:

Former Mr. Mikes Mobil
22 Henniker Street
Hillsborough, NH

DRAWING TITLE:

Groundwater Contour Plan-9/19/23

Atlas Technical Consultants LLC
150 Zachary Road
Manchester, NH 03109
(603) 647-7077
www.oneatlas.com

DRAWN BY:	OC/BAM
CHECKED BY:	SL
PROJECT NO.	0221074821

FIGURE NO. **2**

TABLES

Table 1
Groundwater Elevation Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, NH
NHDES # 198904015
Atlas No. 02210748

Monitoring Well	Date	Top of PVC Well Casing (feet)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet)
MW-1R	01/04/01	98.27	5.79	92.48
	01/18/01	98.27	6.30	91.97
	01/04/02	99.83	7.08	92.75
	01/23/02	99.83	7.70	92.13
	07/30/02	99.83	5.82	94.01
	10/01/02	99.83	6.90	92.93
MW-1R2	9/6/05	99.28	6.69	92.59
	4/7/06	99.28	5.91	93.37
	9/6/06	99.28	6.55	92.73
	4/19/07	99.28	5.41	93.87
	9/25/07	99.28	7.43	91.85
	4/10/08	99.28	5.68	93.60
	9/2/08	99.28	6.79	92.49
	4/1/09	99.28	6.11	93.17
	9/1/09	99.28	6.36	92.92
	4/30/10	99.28	6.28	93.00
	9/7/10	99.28	8.09	91.19
	4/20/11	99.28	6.11	93.17
	9/27/11	99.28	6.42	92.86
	4/18/12	99.28	6.60	92.68
	9/4/12	99.28	7.21	92.07
	4/30/13	99.28	6.32	92.96
	9/9/13	99.28	6.94	92.34
	4/10/14	99.28	6.21	93.07
	9/3/14	99.28	6.67	92.61
	9/4/15	99.28	7.47	91.81
	9/6/16	99.28	8.07	91.21
	9/13/17	99.28	5.92	93.36
	9/14/18	99.28	6.53	92.75
	10/3/19	99.28	7.50	91.78
	9/16/20	99.28	7.73	91.55
	9/21/21	99.28	6.41	92.87
	9/16/22	99.28	7.34	91.94
	9/19/23	99.28	6.65	92.63
MW-2	09/22/04	99.79	1.81	93.80
	04/08/05	99.79	NG	94.59
	09/26/05	99.79	1.96	93.21
	04/07/06	99.79	0.45	93.69
	09/06/06	99.79	NM	-
	09/25/07	99.79	7.50	-
	04/01/09	99.79	5.80	93.99
	09/01/09	99.79	6.30	93.49
	04/30/10	99.79	6.22	93.57
	9/7/10	99.79	8.24	91.55
	4/20/11	99.79	6.90	92.89
	9/27/11	99.79	6.30	93.49
	4/18/12	99.79	6.83	92.96
	9/4/12	99.79	7.39	92.40
	4/30/13	99.79	6.34	93.45
	9/9/13	99.79	7.07	92.72
	4/10/14	99.79	5.60	94.19
	9/3/14	99.79	6.68	93.11
	9/4/15	99.79	7.60	92.19
	9/6/16	99.79	8.29	91.50
	9/13/17	99.79	4.62	95.17
	9/14/18	99.79	6.39	93.40
	10/3/19	99.79	7.68	92.11
	9/16/20	99.79	7.90	91.89
	9/21/21	99.79	6.38	93.41
	9/16/22	99.79	7.06	92.73
	9/19/23	99.79	6.27	93.52
MW-3	09/26/05	99.77	6.01	93.76
	04/07/06	99.77	3.80	95.97
	09/06/06	99.77	4.34	95.43
	04/19/07	99.77	NM	-
	09/25/07	99.77	5.67	94.10
	04/10/08	99.77	2.94	96.83
	09/02/08	99.77	4.99	94.78
	04/01/09	99.77	3.33	96.44
	09/01/09	99.77	4.06	95.71
	04/30/10	99.77	3.94	95.83
	9/7/10	99.77	6.67	93.10
	4/20/11	99.77	3.47	96.30
	9/27/11	99.77	4.91	94.86
MW-4	01/04/01	99.12	7.30	91.82
	01/18/01	99.12	7.59	91.53
	01/04/02	99.68	7.96	91.72
	01/23/02	99.68	7.93	91.75
	07/30/02	99.68	7.41	92.27
	10/01/02	99.68	7.86	91.82
MW-4R	09/26/05	99.90	7.71	92.19
	04/07/06	99.90	6.37	93.53
	09/06/06	99.90	NM	-
	04/19/07	99.90	5.82	94.08
	09/25/07	99.90	7.74	92.16
	04/10/08	99.90	6.00	93.90
	04/01/09	99.90	6.17	93.73
	09/01/09	99.90	6.41	93.49
	04/30/10	99.90	6.37	93.53
	9/7/10	99.90	8.08	91.82
	4/20/11	99.90	6.16	93.74
	9/27/11	99.90	5.42	94.48

Table 1
Groundwater Elevation Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, NH
NHDES # 198904015
Atlas No. 02210748

Monitoring Well	Date	Top of PVC Well Casing (feet)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet)
MW-5	09/26/05	98.33	3.70	94.63
	04/07/06	98.33	3.63	94.70
	09/06/07	98.33	4.29	94.04
	04/19/07	98.33	2.36	95.97
	09/25/07	98.33	5.87	92.46
	04/10/08	98.33	2.81	95.52
	09/02/08	98.33	4.95	93.38
	04/01/09	98.33	3.44	94.89
	09/01/09	98.33	3.73	94.60
	04/30/10	98.33	3.79	94.54
	9/7/10	98.33	7.09	91.24
	4/20/11	98.33	3.40	94.93
	9/27/11	98.33	3.71	94.62
	4/18/12	98.33	4.55	93.78
	9/4/12	98.33	5.67	92.66
	4/30/12	98.33	3.61	94.72
	9/9/13	98.33	4.97	93.36
	4/10/14	98.33	3.17	95.16
	9/3/14	98.33	4.47	93.86
	9/4/15	98.33	6.10	92.23
	9/6/16	98.33	7.22	91.11
	9/13/17	98.33	3.43	94.90
	9/14/18	98.33	3.70	94.63
	10/3/19	98.33	6.42	91.91
	9/16/20	98.33	6.75	91.58
	9/21/21	98.33	3.75	94.58
	9/16/22	98.33	6.00	92.33
	9/19/23	98.33	4.26	94.07
MW-6	09/26/05	98.63	4.47	94.16
	04/07/06	98.63	3.95	94.68
	09/06/06	98.63	4.27	94.36
	04/19/07	98.63	2.72	95.91
	09/25/07	98.63	5.75	92.88
	04/10/08	98.63	3.12	95.51
	09/02/08	98.63	4.88	93.75
	04/01/09	98.63	3.88	94.75
	09/01/09	98.63	4.00	94.63
	04/30/10	98.63	4.09	94.54
	9/7/10	98.63	7.13	91.50
	4/20/11	98.63	FLOODED	
	9/27/11	98.63	NM	
	4/18/12	98.63	4.39	94.24
	9/4/12	98.63	5.45	93.18
	4/30/13	98.63	3.79	94.84
	9/9/13	98.63	4.85	93.78
	4/10/14	98.63	3.43	95.20
	9/3/14	98.63	4.36	94.27
	9/4/15	98.63	5.91	92.72
	9/6/16	98.63	7.09	91.54
	9/13/17	98.63	3.72	94.91
	9/14/18	98.63	3.98	94.65
	10/3/19	98.63	6.26	92.37
	9/16/20	98.63	6.61	92.02
	9/21/21	98.63	3.91	94.72
	9/16/22	98.63	5.78	92.85
	9/19/23	98.63	4.24	94.39
MW-7	01/04/02	99.86	7.62	92.24
	01/23/02	99.86	7.17	92.69
	07/30/02	99.86	5.60	94.26
	10/01/02	99.86	7.39	92.47
MW-7R	09/26/05	98.76	7.13	91.63
	04/07/06	98.76	6.36	92.40
	09/06/06	98.76	6.89	91.87
	04/19/07	98.76	5.31	93.45
	09/25/07	98.76	7.79	90.97
	04/10/08	98.76	5.52	93.24
	09/02/08	98.76	7.12	91.64
	04/01/09	98.76	6.00	92.76
	09/01/09	98.76	6.54	92.22
	04/30/10	98.76	6.27	92.49
	9/7/10	98.76	8.29	90.47
	4/20/11	98.76	5.89	92.87
	9/27/11	98.76	6.65	92.11
	4/18/12	98.76	7.08	91.68
	9/4/12	98.76	7.68	91.08
	4/30/13	98.76	6.40	92.36
	9/9/13	98.76	7.31	91.45
	4/10/14	98.76	5.70	93.06
	9/3/14	98.76	7.02	91.74
	9/4/15	98.76	7.90	90.86
	9/6/16	98.76	8.48	90.28
	9/13/17	98.76	6.48	92.28
	9/14/18	98.76	6.83	91.93
	10/3/19	98.76	8.06	90.70
	9/16/20	98.76	8.24	90.52
	9/21/21	98.76	6.68	92.08
	9/16/22	98.76	7.75	91.01
	9/19/23	98.76	7.00	91.76
MW-8	09/26/05	97.76	8.46	89.30
	04/07/06	97.76	6.58	91.18
	09/06/06	97.76	7.50	90.26
	04/19/07	97.76	2.97	94.79
	09/25/07	97.76	8.74	89.02
	04/10/08	97.76	4.38	93.38
	09/02/08	97.76	7.57	90.19
	04/01/09	97.76	5.56	92.20
	09/01/09	97.76	-	-
	04/30/10	97.76	-	-
	9/7/10	97.76	-	-
	4/20/11	97.76	5.28	92.48
	9/27/11	97.76	6.63	91.13

Table 1
Groundwater Elevation Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, NH
NHDES # 198904015
Atlas No. 02210748

Monitoring Well	Date	Top of PVC Well Casing (feet)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet)
MW-9	09/26/05	99.09	8.32	90.77
	04/07/06	99.09	7.30	91.79
	09/06/06	99.09	7.87	91.22
	04/19/07	99.09	6.79	92.30
	09/25/07	99.09	8.73	90.36
	04/10/08	99.09	5.60	93.49
	09/02/08	99.09	8.04	91.05
	04/01/09	99.09	6.70	92.39
	09/01/09	99.09	7.38	91.71
	04/30/10	99.09	7.08	92.01
	9/7/10	99.09	9.10	89.99
	4/20/11	99.09	6.54	92.55
	9/27/11	99.09	7.52	91.57
	4/18/12	99.09	8.04	91.05
	9/4/12	99.09	8.70	90.39
	4/30/13	99.09	7.21	91.88
	4/30/13	99.09	8.23	90.86
	4/10/14	99.09	6.40	92.69
	9/3/14	99.09	7.93	91.16
	9/4/15	99.09	8.81	90.28
	9/6/16	99.09	9.24	89.85
	9/13/17	99.09	7.34	91.75
	9/14/18	99.09	7.62	91.47
	10/3/19	99.09	8.94	90.15
	9/16/20	99.09	9.15	89.94
	9/21/21	99.09	7.40	91.69
	9/16/22	99.09	8.65	90.44
	9/19/23	99.09	7.80	91.29
MW-10	09/26/05	99.09	5.02	94.07
	04/07/06	99.09	4.40	94.69
	09/06/06	99.09	4.77	94.34
	04/19/07	99.09	3.27	95.82
	09/25/07	99.09	6.17	92.92
	04/10/08	99.09	3.75	95.34
	09/02/08	99.09	5.41	93.68
	04/01/09	99.09	4.32	94.77
	09/01/09	99.09	4.51	94.58
	04/30/10	99.09	4.52	94.57
	9/7/10	99.09	7.48	91.61
	4/20/11	99.09	4.27	94.82
	9/27/11	99.09	4.52	94.57
	4/18/12	99.09	5.09	94.00
	9/4/12	99.09	6.12	92.97
	4/30/13	99.09	4.48	94.61
	9/9/13	99.09	5.58	93.51
	4/10/14	99.09	4.11	94.98
	9/3/14	99.09	5.08	94.01
	9/4/15	99.09	6.47	92.62
	9/6/16	99.09	7.58	91.51
	9/13/17	99.09	4.43	94.66
	9/14/18	99.09	4.53	94.56
	10/3/19	99.09	6.69	92.40
	9/16/20	99.09	7.05	92.04
	9/21/21	99.09	4.46	94.63
	9/16/22	99.09	6.16	92.93
	9/19/23	99.09	4.78	94.31

Notes:
1. ECS began gauging wells on 9/2/08; prior gauging results obtained from GeoInsight 2007 annual report.
2. Depth to ground water measured using an electronic water level indicator.

NM = water level not measured
btoc = below top of PVC well casing
"-" = Elevation not calculated

QA/QC REVIEW:
LAST UPDATED
BY: JC DATE: 9/19/23
LAST CHECKED
BY: CW DATE: 10/18/23

Table 2
Groundwater Quality Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, New Hampshire
NHDES # 198904015
Atlas No. 02-210748

Well ID	Monitoring Date	EPA Method 8260																			EPA Method 504.1
		Benzene	Ethylbenzene	Toluene	Total Xylenes	Isopropylbenzene	n-propylbenzene	n-Butylbenzene	sec-butylbenzene	tert-butylbenzene	4-isopropyltoluene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Naphthalene	MTBE	TAME	TBA	Acetone	Carbon Disulfide	Chloroform	Tetrahydrofuran	1,2 Dibromoethane (EDB)
AGQS	**----**	**5**	**700**	**1,000**	**10,000**	**800**	**260**	**260**	**260**	**260**	**260**	**330**	**330**	***100**	**13**	**140**	**40**	**6000**	**70**	**70**	**154**	**0.05**
MW-1	08/05/88	**4300**	**3900**	**14000**	**25900**	NA	NA	NA	NA	-	NA	NA	NA	NA	**9500**	NA	NA	NA	NA	ND	ND	NA
	07/12/89	**4300**	**2300**	**20000**	**17000**	NA	NA	NA	NA	-	NA	NA	NA	NA	**1400**	NA	NA	NA	NA	ND	ND	NA
	05/30/91	*<1000*	*<1000*	**20000**	**17000**	NA	NA	NA	NA	-	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	ND	NA
MW-1R	01/04/01	**30**	**880**	210	6400	130	NR	NR	NR	-	NR	NR	NR	**580**	<10.0	NA	NA	<100.0	<20.0	ND	ND	NA
	01/18/01	**20**	**1500**	250	9300	130	NR	NR	NR	-	NR	NR	NR	**480**	<10.0	NA	NA	<100.0	30	ND	ND	NA
	01/23/02	*<20.0*	**1200**	170	9400	110	NR	NR	NR	-	NR	NR	NR	**510**	<20.0	NA	NA	<100.0	<20.0	ND	ND	NA
	07/30/02	*<20.0*	**1000**	70	9600	50	NR	NR	NR	-	NR	NR	NR	**470**	<20.0	NA	NA	<100.0	<20.0	ND	ND	NA
	10/01/02	**9**	**1100**	190	7600	97	NR	NR	NR	-	NR	NR	NR	**450**	**14**	NA	NA	<10	<5	<2	ND	NA
MW-1R2	09/26/06	**10**	500	14	3200	140	**330**	<10.0	21	-	16	**3200 E**	**710**	**590**	**30**	<10.0	*<200*	<50.0	*<50.0*	<10.0	ND	NA
	04/07/06	**11**	250	<10.0	1810	160	190	<10.0	19	-	12	**2200**	**590**	**450**	**30**	<10.0	*<200*	<50.0	*<10.0*	<10.0	78	NA
	09/06/06	**24**	**700**	13	3140	220	**330**	<10.0	28	-	14	**3300**	**380**	**630**	**14**	<10.0	*<200*	<50.0	*<10.0*	<10.0	<50.0	NA
	04/19/07	*<20.0*	410	23	2090	69	160	<20.0	<20.0	-	<20.0	**1500**	230	**160**	*<20.0*	<20.0	*<400*	<100.0	*<20.0*	<20.0	<100	NA
	09/25/07	*<10.0*	660	25	3060	110	**260**	<10.0	15	-	13	**2700**	280	**450**	<10.0	<10.0	*<200*	<50.0	*<10.0*	<10.0	<50.0	NA
	04/10/08	*<20.0*	550	24	3410	92	**260**	<20.0	<20.0	-	<20.0	**3000**	**500**	**370**	*<20.0*	<20.0	*<400*	<100.0	*<20.0*	<20.0	<100	NA
	09/02/08	*<20.0*	314	<20.0	1924	60.2	161	<20.0	<20.0	-	<20.0	**1860**	294	**274**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	04/01/09	*<20.0*	330	<20.0	1757	54.6	153	25.4	<20.0	<20.0	<20.0	**1800**	262	**185**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	<0.0100
	09/01/09	*<20.0*	414	<20.0	2172	72.6	206	27.0	<20.0	<20.0	<20.0	**1850**	**372**	**316**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	<0.0100
	04/30/10	*<20.0*	343	<20.0	1637	69.0	190	28.2	<20.0	<20.0	<20.0	**1850**	289	**299**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	09/07/10	*<20.0*	375	<20.0	725	61.8	177	32.8	<20.0	<20.0	<20.0	**1090**	42.4	**208**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	04/20/11	*<20.0*	287	<20.0	1157	39.8	101	<20.0	<20.0	<20.0	<20.0	**784**	94.2	**86.6**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	09/27/11	*<20.0*	509	<20.0	1782	78.4	226	30.4	23.8	<20.0	<20.0	**1270**	218	**315**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	04/18/12	*<20.0*	354	<20.0	1147	73.2		25.4	<20.0	<20.0	<20.0	**1190**	214	**272**	*<20.0*	<20.0	*<200*	<200	*<100*	<20.0	*<200*	NA
	09/04/12	*<10.0*	263	<10.0	555.6	56.1	174	24.9	11.3	<10.0	<10.0	**397**	69.5	**275**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	04/30/13	*<10.0*	259	<10.0	922	61.9	172	25.3	13.1	<10.0	<10.0	**724**	78.0	**205**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	09/09/13	*<25.0*	240	<25.0	392.8	59.0	168	29.2	<25.0	<25.0	<25.0	181	46.8	**226**	*<25.0*	<25.0	*<250*	<250	<50	<25.0	<50	NA
	04/10/14	*<20.0*	191	<20.0	607	63.0	123	23.4	22.2	<20.0	<20.0	**676**	78.8	88.4	*<20.0*	<20.0	*<200*	<200	<40.0	<20.0	<40.0	NA
	09/03/14	*<10.0*	280	<10.0	376	63	210	31	16	<10.0	<10.0	220	38.0	53	<10.0	<10.0	<5.0	<500	<40.0	<20.0	<100.0	NA
	09/04/15	<5.0	150	<5.0	204	40	130	13	7.8	<5.0	<5.0	160	31	**130**	<5.0	<2.5	*<100*	<250	<20	<10	<50	NA
	09/06/16	<4.0	350	<4.0	385	74	190	15	9.2	<4.0	<4.0	**580**	38	**140**	<4.0	<2.0	*<80*	<200	<16	<8.0	<40	NA
	09/13/17	<5.0	41	<4.0	72.2	18	53	7.6	<5.0	<5.0	<5.0	200	23	53	<5.0	<2.5	*<100*	<250	<20	<10	<50	NA
	09/14/18	<4.0	240	<4.0	388	52	150	21	10	<4.0	<4.0	230	45	**170**	<4.0	<2.0	*<80*	<200	<16	NA	<40	NA
	10/03/19	<4.0	140	<4.0	181	41	120	9.6	7.0	<4.0	<4.0	**340**	53	92	<4.0	<2.0	*<80*	<200	<20	NA	<40	NA
	09/16/20	<5.0	230	<5.0	280	76	220	23	12	<5.0	<5.0	**680**	150	**150**	<5.0	<2.5	*<100*	<250	<25	NA	<50	NA
	09/21/21	3.9	160	<2.0	62.9	56	170	19	12	<2.0	<2.0	67	7.3	87	<2.0	<1.0	<40	<100	<10	NA	<20	NA
	09/16/22	<2.0	310	2.3	168	100	**290**	25	14	<2.0	4.8	**630**	120	**170**	<2.0	<1.0	<40	<100	<10	NA	<20	NA
	09/19/23	2.9	150	1.6	51.8	36	110	13	9.8	<1.0	1.1	8.3	2.2	62	<1.0	<0.5	<20	<50	<5.0	NA	<10	NA
MW-2	01/23/02	<2.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<2.0	**44**	NA	NA	<10.0	<2.0	ND	ND	NA
	07/30/02	<2.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<2.0	**26**	NA	NA	<10.0	<2.0	ND	ND	NA
	10/01/02	<1.0	<1.0	<1.0	<1.0	<1.0	NR	NR	NR	-	NR	NR	NR	<5.0	**33**	NA	NA	<10.0	<5.0	<2.0	ND	NA
	12/12/02	<1.0	<1.0	<1.0	<1.0	<1.0	NR	NR	NR	-	NR	NR	NR	<5.0	**24**	NA	NA	<10.0	<5.0	<2.0	ND	NA
	05/09/03	<2.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<5.0	<2.0	<2.0	NA	NA	NA	NA	ND	NA
	08/11/03	<1.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<5.0	<10.0	<2.0	<50.0	<10.0	<2.0	<2.0	ND	NA
	04/18/12	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<10.0	<10.0	<2.0	<1.0	ND	NA
	09/04/12	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.18	<1.0	<10.0	<10.0	<2.0	<1.0	ND	NA
	04/30/13	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.57	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	09/09/13	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3.53	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	04/10/14	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	09/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.4	<0.50	<20	<50	<4.0	<2.0	<10	NA
	09/04/15	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<0.50	<20	<50	<4.0	<2.0	<10	NA
	09/06/16	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	<0.50	<20	<50	<4.0	<2.0	<10	NA
	09/13/17	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<20	<50	<4.0	3.0	<10	NA
	09/14/18	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<20	<50	<4.0	NA	<10	NA
	10/03/19	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.5	<0.5	<20	<50	<5.0	NA	<10	NA
	09/16/20	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.0	<0.5	<20	<50	<5.0	NA	<10	NA
	09/21/21	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.5	<20	<50	<5.0	NA	<10	NA
	09/16/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.4	<0.5	<20	<50	<5.0	NA	<10	NA
	09/19/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	<0.5	<20	<50	<5.0	NA	<10	NA
MW-3	09/26/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	3	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/06/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/20/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/25/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/10/08	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/02/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	09/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/30/10	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	09/07/10	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/20/11	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	09/27/11	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	11/01/11	Decommissioned																				

Table 2
Groundwater Quality Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, New Hampshire
NHDES # 198904015
Atlas No. 02-210748

Well ID	Monitoring Date	EPA Method 8260																			EPA Method 504.1
		Benzene	Ethylbenzene	Toluene	Total Xylenes	Isopropylbenzene	n-propylbenzene	n-Butylbenzene	sec-butylbenzene	tert-butylbenzene	4-isopropyltoluene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Naphthalene	MTBE	TAME	TBA	Acetone	Carbon Disulfide	Chloroform	Tetrahydrofuran	1,2 Dibromoethane (EDB)
AGQS	**----**	**5**	**700**	**1,000**	**10,000**	**800**	**260**	**260**	**260**	**260**	**260**	**330**	**330**	***100**	**13**	**140**	**40**	**6000**	**70**	**70**	**154**	**0.05**
MW-4R	01/23/02	3	46	<2.0	78	7	NR	NR	NR	-	NR	NR	NR	64	**39**	NA	NA	<10	<2	ND	ND	NA
	07/30/02	3	38	<2.0	79	6	NR	NR	NR	-	NR	NR	NR	51	**18**	NA	NA	<10	<2	ND	ND	NA
	10/01/02	<1.0	19	<1.0	47	3	NR	NR	NR	-	NR	NR	NR	27	**54**	NA	NA	<10	<5	<2	ND	NA
	12/12/02	<1.0	<1.0	<1.0	<1.0	<1.0	NR	NR	NR	-	NR	NR	NR	<5.0	<5.0	NA	NA	<10	<5	<2	ND	NA
	05/09/03	<2.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<5.0	3	NA	NA	NA	NA	NA	NA	NA
	08/11/03	<1.0	<2.0	<2.0	<2.0	<2.0	NR	NR	NR	-	NR	NR	NR	<5.0	4	<2.0	*<50.0*	<100.0	<2.0	<2.0	ND	NA
	11/01/11	Decommissioned																				
MW-5	09/22/04	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	*<50.0*	<10.0	<2.0	69	<10.0	NA
	04/08/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	-	<2.0	<2.0	<2.0	<5.0	3	<2.0	*<50.0*	<10.0	<2.0	4	<10.0	NA
	09/26/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	**82**	<10.0	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	-	<2.0	<2.0	<2.0	<5.0	**42**	<2.0	<40.0	<10.0	<2.0	6	<10.0	NA
	09/06/06	<2.0	2	<2.0	<2.0	10	23	ND	3	-	<2.0	82	<2.0	<5.0	2	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/19/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	3	<10.0	NA
	09/02/08	<1.0	<1.0	<1.0	<3.0	<1.0	1.4	<1.0	1.6	-	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
MW-6	09/26/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	4	<10.0	NA
	09/06/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/19/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	4	<10.0	NA
	09/25/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/10/08	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	5	<10.0	NA
	09/02/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	1.7	<10.0	NA
	04/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	2.7	<10.0	NA
MW-7R	09/26/05	*<20.0*	**1000**	25	3960	120	**300**	<20.0	<20.0	-	<20.0	**1900**	**450**	**290**	<20.0	<20.0	*<400*	<100	<20.0	<20.0	ND	NA
	04/07/06	*<20.0*	**1100**	32	4600	130	**280**	<20.0	<20.0	-	<20.0	**1900**	**410**	**250**	**20**	<20.0	*<400*	<100	<20.0	<20.0	<100	NA
	09/06/06	*<20.0*	**1400**	28	5400	160	**390**	<20.0	22	-	<20.0	**2600**	**430**	**450**	**24**	<20.0	*<400*	<100	<20.0	<20.0	<100	NA
	04/19/07	**12**	570	<10.0	1889	90	230	<10.0	14	-	<10.0	**1100**	220	**180**	<10.0	<10.0	*<200*	<50.0	<10.0	<10.0	<50.0	NA
	09/25/07	**15**	**890**	19	2970	110	**270**	<10.0	17	-	11	**1500**	**330**	**290**	<10.0	<10.0	*<200*	<50.0	<10.0	<10.0	<50.0	NA
	04/10/08	**12**	560	<10.0	1664	87	230	<10.0	18	-	13	**1400**	260	**240**	<10.0	<10.0	*<200*	<50.0	<10.0	<10.0	<50.0	NA
	09/02/08	**14.7**	**814**	14.1	2718	122	**301**	30.1	22.2	-	12.2	**1280**	283	**221**	<10.0	<10.0	*<100*	<100	<50.0	<10.0	<100	NA
	04/01/09	*<10.0*	440	<10.0	1289	60.9	173	22.8	<10.0	<10.0	<10.0	**749**	163	**104**	<10.0	<10.0	*<100*	<100	<50.0	<10.0	<100	<0.0100
	09/01/09	*<10.0*	536	<10.0	1313	83.9	233	26.8	15.4	<10.0	<10.0	**639**	161	**201**	<10.0	<10.0	*<100*	<100	<50.0	<10.0	<100	<0.0100
	04/30/10	*<20.0*	420	<20.0	1362	70.4	181	26.4	<20.0	<20.0	<20.0	**700**	196	**184**	<20.0	<20.0	*<200*	<200	<40.0	<20.0	<40.0	NA
	09/07/10	*<20.0*	603	<20.0	1957	64.4	180	24.4	<20.0	<10.0	<20.0	**709**	165	**194**	<20.0	<20.0	*<200*	<200	<40.0	<20.0	<40.0	NA
	04/20/11	*<10.0*	383	<10.0	710.7	55.8	142	23.3	15.7	<10.0	<10.0	**345**	110	**129**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	09/27/11	**10.1**	442	<10.0	1011	59.2	174	23.6	16.6	<10.0	<10.0	**335**	112	**167**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	04/18/12	*<10.0*	537	<10.0	1998	72.1	191	21.6	16.3	<10.0	<10.0	**768**	209	**199**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	09/04/12	*<10.0*	**785**	<10.0	2862	89.9	244	26.1	17.2	<10.0	<10.0	**1040**	282	**332**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	04/30/13	**6.6**	276	<5.00	768.4	47.0	125	16.2	11.2	<5.00	<5.00	321	101	**159**	<5.00	<5.00	*<50.0*	<50.0	<10.0	<5.00	<10.0	NA
	09/09/13	*<10.0*	318	<10.0	333.3	61.4	164	25.8	18.9	<10.0	<10.0	161	51.3	**116**	<10.0	<10.0	*<100*	<100	<20.0	<10.0	<20.0	NA
	04/10/14	<5.00	166	<5.00	146.15	44.4	91.0	15.0	10.2	<5.00	<5.00	34.0	29.2	65.4	<5.00	<5.00	*<50.0*	<50.0	<10.0	<5.00	<10.0	NA
	09/03/14	**10**	250	<10	382	58	160	21	16	<10	<10	300	68	55	<10	<5.0	*<200*	<500	<40	<20	<100	NA
	09/04/15	<5.0	370	<5.0	1170	62	170	14	11	<5.0	<5.0	**590**	150	**170**	<5.0	<2.5	*<100*	<250	<20	<10	<50	NA
	09/06/16	<5.0	360	<5.0	690	77	140	21	12	<5.0	<5.0	**500**	98	**210**	<5.0	<2.5	*<100*	<250	<20	<10	<50	NA
	09/13/17	**8.6**	110	<1.0	56.5	27	60	9.8	6.8	<1.0	<1.0	16	5.4	89	<1.0	<0.50	<20	<50	<4.0	<2.0	<10	NA
	09/14/18	**5.9**	120	<1.0	33.4	40	97	18	13	1.0	1.5	1.6	2.1	50	<1.0	<0.50	<20	<50	<4.0	NA	<10	NA
	10/03/19	**5.8**	230	<2.0	342	53	130	17	13	<2.0	2.3	280	69	96	<2.0	<1.0	<40	<100	<10	NA	<20	NA
	09/16/20	**5.2**	210	<4.0	314	52	130	18	13	<4.0	<4.0	**350**	93	99	<4.0	<2.0	<80	<200	<20	NA	<40	NA
	09/22/21	**8.9**	78	<1.0	10.4	37	70	11	13	1.0	1.9	1.1	<1.0	17	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/16/22	**5.3**	290	1.8	447	75	200	28	18	1.3	4.3	**630**	140	**130**	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/20/23	**5.4**	88	1.1	74	42	96	17	16	<1.0	2.0	89	24	41	<1.0	<0.5	<20	<50	<5.0	NA	<10	NA
MW-8	09/22/04	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	ND	NA
	04/08/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	ND	NA
	09/26/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	ND	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/06/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/19/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/02/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	11/01/11	Decommissioned																				

Table 2
Groundwater Quality Data
Former Mr. Mike's Mobil
22 Henniker St.
Hillsborough, New Hampshire
NHDES # 198904015
Atlas No. 02-210748

Well ID	Monitoring Date	EPA Method 8260																			EPA Method 504.1
		Benzene	Ethylbenzene	Toluene	Total Xylenes	Isopropylbenzene	n-propylbenzene	n-Butylbenzene	sec-butylbenzene	tert-butylbenzene	4-isopropyltoluene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Naphthalene	MTBE	TAME	TBA	Acetone	Carbon Disulfide	Chloroform	Tetrahydrofuran	1,2 Dibromoethane (EDB)
AGQS	**----**	**5**	**700**	**1,000**	**10,000**	**800**	**260**	**260**	**260**	**260**	**260**	**330**	**330**	***100**	**13**	**140**	**40**	**6000**	**70**	**70**	**154**	**0.05**
MW-9	09/26/05	*<10.0*	190	<10.0	380	140	**360**	<10.0	27	-	12	**1700**	**420**	**120**	<10.0	<10.0	*<200*	<50.0	<10.0	<10.0	ND	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	3	<2.0	<5.0	7	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/06/06	<2.0	<2.0	<2.0	<2.0	8	4	<2.0	4	-	<2.0	11	<2.0	<5.0	5	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/19/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	4	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/25/07	*<10.0*	300	<10.0	751	180	**590**	<10.0	59	-	160	**3200**	**730**	**180**	<10.0	<10.0	*<200*	<50.0	<10.0	<10.0	<50.0	NA
	04/10/08	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	**23**	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/02/08	<1.0	25.4	<1.0	4.9	31.8	84.8	14.4	14.2	-	<1.0	144	8.3	3.2	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/01/09	<1.0	2.0	<1.0	<3.0	2.4	6.1	2.5	2.0	<1.0	<1.0	25.0	1.8	4.8	1.6	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	<0.0100
	09/01/09	<1.0	1.6	<1.0	<3.0	7.0	8.7	1.7	3.8	<1.0	1.2	7.2	<1.0	1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	<0.0100
	04/30/10	<1.0	<1.0	<1.0	<3.0	1.3	1.3	<1.0	3.0	<1.0	<1.0	1.8	<1.0	<1.0	11.4	<1.0	<10.0	<10.0	<2.0	<1.0	<2.0	NA
	09/07/10	1.0	89.0	1.8	102	71.8	196	70.6	44.6	<25.0	<1.0	**901**	186	47.9	<1.0	<10.0	<10.0	<2	<2.0	<1.0	<2.0	NA
	04/20/11	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	09/27/11	2.2	36.0	<1.0	4.2	26.2	62.2	9.1	11.6	1.1	1.0	53.6	<1.0	3.2	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/18/12	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	09/04/12	1.49	72	1.88	25.89	50.6	143	42.6	30.9	1.68	<1.0	**370**	88.6	39.5	<1.0	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/30/13	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	09/09/13	<1.00	<1.00	<1.00	<3.00	2.89	2.31	1.44	2.94	<1.00	<1.00	<1.00	<1.00	1.31	<1.00	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	04/10/14	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<10.0	<10.0	<2.00	<1.00	<2.00	NA
	09/03/14	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<50.0	<4.00	<2.0	<10	NA
	09/04/15	<1.0	11	<1.0	3.5	23	73	28	28	1.2	<1.0	60	4.8	3.2	<1.0	<0.50	<20	<50.0	<4.00	<2.0	<10	NA
	09/06/16	3.7	120	2.2	115.3	40	100	38	28	1.5	10	**450**	**380**	32	<1.0	<0.50	<20	<50.0	<4.00	<2.0	<10	NA
	09/13/17	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50.0	<4.00	<2.0	<10	NA
	09/14/18	<1.0	<1.0	<1.0	<3.0	1.4	<1.0	<1.0	4.9	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50.0	<4.0	NA	<10	NA
	10/03/19	<1.0	3.6	<1.0	<3.0	8.4	9.1	8.9	21	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/16/20	<1.0	3.4	<1.0	<3.0	8.7	9.6	14	28	1.1	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/22/21	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/16/22	<1.0	2.9	<1.0	<3.0	6.8	5.5	8.4	22	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
	09/20/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<0.50	<20	<50	<5.0	NA	<10	NA
MW-10	09/26/05	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	**60**	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/07/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	**39**	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/06/06	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	**22**	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/19/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/25/07	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	5	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	04/10/08	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<40.0	<10.0	<2.0	<2.0	<10.0	NA
	09/02/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<10.0	<10.0	<5.0	<1.0	<10.0	NA
	04/01/09	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<5.0	1.2	<10.0	NA

Notes:
1. AGQS = Ambient Groundwater Quality Standard as defined in Env-Or 600
2. < = concentration was below the laboratory reporting limit; the value presented is the laboratory reporting limit.
3. Bold indicates consituent detected above applicable AGQS
4. NA = not analyzed.
5. Results are expressed in micrograms per liter (µg/L)
6. Results in *italics* indicate reporting limit above AGQS.

MTBE = Methyl tertiary-butyl ether
TAME = Tertiary amyl methyl ether
TBA = Tertiary butyl alcohol
* The naphthalene AGQS was raised to 100 ug/L effective September 1, 2018

QA/QC REVIEW:
LAST UPDATED
BY: CW **DATE:** 10/18/23
LAST CHECKED
BY: MB **DATE:** 10-26-23

APPENDIX A

NHDES CORRESPONDENCE

The

NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES

hereby issues

GROUNDWATER MANAGEMENT PERMIT NO. GWP-198904015-H-004

to the permittee

GLOBAL COMPANIES LLC

to monitor the past discharge of

Petroleum Hydrocarbons

at

MR. MIKE'S HILLSBORO (FORMER HILLSBORO SUNOCO)
(22 Henniker Street)

in HILLSBOROUGH, N.H.

via the groundwater monitoring system comprised of

seven monitoring wells

as depicted on the Site Plan entitled

Figure 2, Groundwater Elevation Contour Map

dated October 3, 2019, prepared by ATC

TO: GLOBAL COMPANIES LLC
RICHARD BROWNE
800 SOUTH STEET, SUITE 500
WALTHAM, MA 02451

Date of Issuance: October 14, 2021
Date of Expiration: October 13, 2026

Pursuant to authority in N.H. RSA 485-C:6-a, the New Hampshire Department of Environmental Services (NHDES), hereby grants this permit to monitor past discharges to the groundwater at the above described location for five years subject to the following conditions:

(continued)

STANDARD MANAGEMENT PERMIT CONDITIONS

1. The permittee shall not violate Ambient Groundwater Quality Standards adopted by NHDES (N.H. Admin. Rules Env-Or 600) in groundwater outside the boundaries of the Groundwater Management Zone, as shown on the site plan entitled "Figure 3, Groundwater Management Zone Map", prepared by ATC, undated.

2. The permittee shall not cause groundwater degradation that results in a violation of surface water quality standards (N.H. Admin. Rules Env-Ws 1700) in any surface water body.

3. The permittee shall allow any authorized staff of NHDES, or its agent, to enter the property covered by this permit for the purpose of collecting information, examining records, collecting samples, or undertaking other action associated with this permit.

4. The permittee shall apply for the renewal of this permit prior to its expiration date but no more than 90 days prior to expiration.

5. This permit is transferable only upon written request to, and approval of, NHDES. Compliance with the existing Permit shall be established prior to permit transfer. Transfer requests shall include the name and address of the person to whom the permit transfer is requested, signature of the current and future permittee, and a summary of all monitoring results to date.

6. NHDES reserves the right, under N.H. Admin. Rules Env-Or 600, to require additional hydrogeologic studies and/or remedial measures if NHDES receives information indicating the need for such work.

7. The permittee shall maintain a water quality monitoring program and submit monitoring results to NHDES' Waste Management Division no later than 45 days after the samples are collected. Samples shall be collected from monitoring wells as shown and labeled on the referenced site plan and as listed on the following table in accordance with the schedule outlined herein:

Monitoring Locations	Monitoring Frequency	Parameters
MW-1R2, MW-2, MW-7R, and MW-9	September of each year	NHDES Waste Management Division Full List of Analytes for Volatile Organics and static water level
MW-5, MW-6, and MW-10	September of each year	Static water level

Sample collection shall be performed in accordance with the documents listed in Env-Or 610.02(e). Samples shall be analyzed by a laboratory certified by the U.S. Environmental Protection Agency or the New Hampshire Department of Environmental Services.

Summaries of water quality shall be submitted in November 2022 and 2024 to the NHDES' Waste Management Division using a format acceptable to NHDES. The Summary Report shall include the information listed in Env-Or 607.04(a), as applicable.

The Periodic Summary Report shall be prepared and stamped by a professional engineer or professional geologist licensed in the State of New Hampshire.

8. Issuance of this permit is based on the Application for Renewal of Groundwater Management Permit dated February 17, 2020 and the historical documents found in NHDES file DES #198904015. NHDES may require additional hydrogeologic studies and/or remedial measures if invalid or inaccurate data are submitted.

9. Within 30 days of discovery of a violation of an ambient groundwater quality standard at or beyond the Groundwater Management Zone boundary, the permittee shall notify NHDES in writing. Within 60 days of discovery, the permittee shall submit recommendations to correct the violation. NHDES shall approve the recommendations if NHDES determines that they will correct the violation.

10. All monitoring wells at the site shall be properly maintained and secured from unauthorized access or surface water infiltration.

SPECIAL CONDITIONS FOR THIS PERMIT

11. Recorded property within the Groundwater Management Zone shall include the lots as listed and described in the following table:

Tax Map/ Lot #	**Property Address**	**Owner Name and Address**	**Deed Reference (Book/Page)**
24/70	22 Henniker Street Hillsborough, NH	Global Companies LLC 800 South Street Waltham, MA 02453	9340/2098
24/71	24 Henniker Street Hillsborough, NH	Knight Brothers 166 West Main Street Hillsborough, NH 03244	3390/0749

12. The permittee shall update ownership information required by Env-Or 607.03(a)(20) for all properties within the Groundwater Management Zone prior to renewal of the permit or upon a recommendation for site closure.

Robert Bishop, Administrator
Oil Remediation and Compliance Bureau
Waste Management Division

Any person aggrieved by this decision may appeal to the N.H. Waste Management Council ("Council") by filing an appeal that meets the requirements specified in RSA 21-O:14 and the rules adopted by the Council, Env-WMC 200. The appeal must be filed **directly with the Council within 30 days** of the date of this decision and must set forth fully **every ground** upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the Council.

Information about the Council, including a link to the Council's rules, is available at http://nhec.nh.gov/ (or more directly at http://nhec.nh.gov/waste/index.htm). Copies of the rules also are available from the NHDES Public Information Center at (603) 271-2975.

APPENDIX B

LABORATORY ANALYTICAL REPORTS

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

September 28, 2023

Steven Low
ATC Group Services LLC - NH
150 Zachary Road, Unit #1
Manchester, NH 03109

Project Location: 22 Henniker St., Hillsborough, NH
Client Job Number:
Project Number: 0221074822
Laboratory Work Order Number: 23I2634

Enclosed are results of analyses for samples as received by the laboratory on September 20, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Faust
Project Manager

Table of Contents

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

ATC Group Services LLC - NH
150 Zachary Road, Unit #1
Manchester, NH 03109
ATTN: Steven Low

REPORT DATE: 9/28/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 0221074822

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23I2634

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

PROJECT LOCATION: 22 Henniker St., Hillsborough, NH

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW 1R2	23I2634-01	Ground Water		SW-846 8260D	
MW 2	23I2634-02	Ground Water		SW-846 8260D	
MW 7R	23I2634-03	Ground Water		SW-846 8260D	
MW 9	23I2634-04	Ground Water		SW-846 8260D	
Trip Blank	23I2634-05	Trip Blank Water		SW-846 8260D	

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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.

SW-846 8260D

Qualifications:

V-05

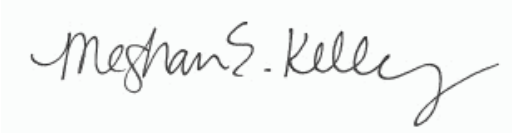
Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

23I2634-04[MW 9], B352799-BLK1, B352799-BS1, B352799-BSD1, S093932-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 1R2 Sampled: 9/19/2023 11:00

Sample ID: 23I2634-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Benzene	2.9	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
n-Butylbenzene	13	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
sec-Butylbenzene	9.8	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 1R2 Sampled: 9/19/2023 11:00

Sample ID: 23I2634-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	150	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Isopropylbenzene (Cumene)	36	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
p-Isopropyltoluene (p-Cymene)	1.1	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Naphthalene	62	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
n-Propylbenzene	110	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Toluene	1.6	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,2,4-Trimethylbenzene	8.3	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
1,3,5-Trimethylbenzene	2.2	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
m+p Xylene	49	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH
o-Xylene	2.8	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.4	70-130		9/22/23 18:24
Toluene-d8	100	70-130		9/22/23 18:24
4-Bromofluorobenzene	106	70-130		9/22/23 18:24

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 2 Sampled: 9/19/2023 11:10

Sample ID: 23I2634-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 2 Sampled: 9/19/2023 11:10

Sample ID: 23I2634-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Methyl tert-Butyl Ether (MTBE)	1.7	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	90.8	70-130		9/22/23 11:53
Toluene-d8	101	70-130		9/22/23 11:53
4-Bromofluorobenzene	100	70-130		9/22/23 11:53

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 7R Sampled: 9/19/2023 11:20

Sample ID: 23I2634-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Benzene	5.4	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
n-Butylbenzene	17	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
sec-Butylbenzene	16	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 7R Sampled: 9/19/2023 11:20

Sample ID: 23I2634-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	88	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Isopropylbenzene (Cumene)	42	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
p-Isopropyltoluene (p-Cymene)	2.0	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Naphthalene	41	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
n-Propylbenzene	96	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Toluene	1.1	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,2,4-Trimethylbenzene	89	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
1,3,5-Trimethylbenzene	24	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
m+p Xylene	64	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH
o-Xylene	10	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 18:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	84.5	70-130		9/22/23 18:50
Toluene-d8	101	70-130		9/22/23 18:50
4-Bromofluorobenzene	105	70-130		9/22/23 18:50

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Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 9 Sampled: 9/19/2023 11:30

Sample ID: 23I2634-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	9/25/23	9/25/23 18:04	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: MW 9 Sampled: 9/19/2023 11:30

Sample ID: 23I2634-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	9/25/23	9/25/23 18:04	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.6	70-130		9/25/23 18:04
Toluene-d8	104	70-130		9/25/23 18:04
4-Bromofluorobenzene	102	70-130		9/25/23 18:04

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: Trip Blank Sampled: 9/19/2023 11:25

Sample ID: 23I2634-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH

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

Project Location: 22 Henniker St., Hillsborough, NH Sample Description: Work Order: 23I2634

Date Received: 9/20/2023

Field Sample #: Trip Blank Sampled: 9/19/2023 11:25

Sample ID: 23I2634-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	9/21/23	9/22/23 11:01	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.3	70-130		9/22/23 11:01
Toluene-d8	99.8	70-130		9/22/23 11:01
4-Bromofluorobenzene	101	70-130		9/22/23 11:01

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23I2634-01 [MW 1R2]	B352673	5	5.00	09/21/23
23I2634-02 [MW 2]	B352673	5	5.00	09/21/23
23I2634-03 [MW 7R]	B352673	5	5.00	09/21/23
23I2634-05 [Trip Blank]	B352673	5	5.00	09/21/23

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23I2634-04 [MW 9]	B352799	5	5.00	09/25/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352673 - SW-846 5030B										
Blank (B352673-BLK1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Acetone	ND	50	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352673 - SW-846 5030B										
Blank (B352673-BLK1)				Prepared: 09/21/23 Analyzed: 09/22/23						
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		91.9	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130			
LCS (B352673-BS1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Acetone	91.8	50	µg/L	100		91.8	70-160			†
tert-Amyl Methyl Ether (TAME)	9.66	0.50	µg/L	10.0		96.6	70-130			
Benzene	9.95	1.0	µg/L	10.0		99.5	70-130			
Bromobenzene	10.8	1.0	µg/L	10.0		108	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.0		103	70-130			
Bromodichloromethane	11.0	0.50	µg/L	10.0		110	70-130			
Bromoform	10.7	1.0	µg/L	10.0		107	70-130			
Bromomethane	8.80	2.0	µg/L	10.0		88.0	40-160			†
2-Butanone (MEK)	95.3	20	µg/L	100		95.3	40-160			†
tert-Butyl Alcohol (TBA)	90.4	20	µg/L	100		90.4	40-160			†
n-Butylbenzene	9.30	1.0	µg/L	10.0		93.0	70-130			
sec-Butylbenzene	9.36	1.0	µg/L	10.0		93.6	70-130			
tert-Butylbenzene	9.72	1.0	µg/L	10.0		97.2	70-130			
tert-Butyl Ethyl Ether (TBEE)	9.32	0.50	µg/L	10.0		93.2	70-130			
Carbon Disulfide	107	5.0	µg/L	100		107	70-130			
Carbon Tetrachloride	9.26	5.0	µg/L	10.0		92.6	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130			
Chloroethane	9.89	2.0	µg/L	10.0		98.9	70-130			
Chloromethane	9.18	2.0	µg/L	10.0		91.8	40-160			†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130			
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.2	5.0	µg/L	10.0		102	70-130			
1,2-Dibromoethane (EDB)	12.0	0.50	µg/L	10.0		120	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352673 - SW-846 5030B										
LCS (B352673-BS1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Dibromomethane	11.9	1.0	µg/L	10.0		119	70-130			
1,2-Dichlorobenzene	11.3	1.0	µg/L	10.0		113	70-130			
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
trans-1,4-Dichloro-2-butene	9.04	2.0	µg/L	10.0		90.4	70-130			
Dichlorodifluoromethane (Freon 12)	10.3	2.0	µg/L	10.0		103	40-160			†
1,1-Dichloroethane	9.75	1.0	µg/L	10.0		97.5	70-130			
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130			
1,1-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
cis-1,2-Dichloroethylene	9.60	1.0	µg/L	10.0		96.0	70-130			
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110	70-130			
1,3-Dichloropropane	11.7	0.50	µg/L	10.0		117	70-130			
2,2-Dichloropropane	9.62	1.0	µg/L	10.0		96.2	40-130			†
1,1-Dichloropropene	9.90	2.0	µg/L	10.0		99.0	70-130			
cis-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108	70-130			
trans-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130			
Diethyl Ether	10.1	2.0	µg/L	10.0		101	70-130			
Diisopropyl Ether (DIPE)	9.22	0.50	µg/L	10.0		92.2	70-130			
1,4-Dioxane	93.9	50	µg/L	100		93.9	40-130			†
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130			
Hexachlorobutadiene	10.1	0.60	µg/L	10.0		101	70-130			
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160			†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103	70-130			
p-Isopropyltoluene (p-Cymene)	9.54	1.0	µg/L	10.0		95.4	70-130			
Methyl Acetate	10.2	1.0	µg/L	10.0		102	70-130			
Methyl tert-Butyl Ether (MTBE)	9.61	1.0	µg/L	10.0		96.1	70-130			
Methylene Chloride	9.17	5.0	µg/L	10.0		91.7	70-130			
4-Methyl-2-pentanone (MIBK)	110	10	µg/L	100		110	70-160			†
Naphthalene	10.6	2.0	µg/L	10.0		106	40-130			†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130			
Styrene	10.8	1.0	µg/L	10.0		108	70-130			
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130			
1,1,2,2-Tetrachloroethane	11.7	0.50	µg/L	10.0		117	70-130			
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130			
Tetrahydrofuran	8.95	10	µg/L	10.0		89.5	70-130			
Toluene	11.0	1.0	µg/L	10.0		110	70-130			
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.0		116	70-130			
1,2,4-Trichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130			
1,3,5-Trichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130			
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130			
1,1,2-Trichloroethane	11.8	1.0	µg/L	10.0		118	70-130			
Trichloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0		104	70-130			
1,2,3-Trichloropropane	11.9	2.0	µg/L	10.0		119	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130			
1,2,4-Trimethylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130			
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130			
Vinyl Chloride	10.6	2.0	µg/L	10.0		106	40-160			†
m+p Xylene	20.9	2.0	µg/L	20.0		104	70-130			
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352673 - SW-846 5030B										
LCS (B352673-BS1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Surrogate: 1,2-Dichloroethane-d4	*22.0*		µg/L	25.0		87.8	70-130			
Surrogate: Toluene-d8	*26.1*		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102	70-130			
LCS Dup (B352673-BSD1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Acetone	89.0	50	µg/L	100		89.0	70-160	3.08	25	†
tert-Amyl Methyl Ether (TAME)	9.77	0.50	µg/L	10.0		97.7	70-130	1.13	25	
Benzene	10.1	1.0	µg/L	10.0		101	70-130	1.50	25	
Bromobenzene	10.9	1.0	µg/L	10.0		109	70-130	1.10	25	
Bromochloromethane	10.8	1.0	µg/L	10.0		108	70-130	4.63	25	
Bromodichloromethane	10.7	0.50	µg/L	10.0		107	70-130	2.58	25	
Bromoform	10.4	1.0	µg/L	10.0		104	70-130	3.02	25	
Bromomethane	9.36	2.0	µg/L	10.0		93.6	40-160	6.17	25	†
2-Butanone (MEK)	93.6	20	µg/L	100		93.6	40-160	1.76	25	†
tert-Butyl Alcohol (TBA)	91.0	20	µg/L	100		91.0	40-160	0.739	25	†
n-Butylbenzene	9.65	1.0	µg/L	10.0		96.5	70-130	3.69	25	
sec-Butylbenzene	9.63	1.0	µg/L	10.0		96.3	70-130	2.84	25	
tert-Butylbenzene	9.95	1.0	µg/L	10.0		99.5	70-130	2.34	25	
tert-Butyl Ethyl Ether (TBEE)	9.61	0.50	µg/L	10.0		96.1	70-130	3.06	25	
Carbon Disulfide	110	5.0	µg/L	100		110	70-130	2.84	25	
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	8.58	25	
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.08	25	
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130	0.0913	25	
Chloroethane	10.2	2.0	µg/L	10.0		102	70-130	2.79	25	
Chloromethane	9.59	2.0	µg/L	10.0		95.9	40-160	4.37	25	†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	0.388	25	
4-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130	0.191	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.38	5.0	µg/L	10.0		93.8	70-130	8.08	25	
1,2-Dibromoethane (EDB)	12.2	0.50	µg/L	10.0		122	70-130	1.90	25	
Dibromomethane	11.9	1.0	µg/L	10.0		119	70-130	0.0839	25	
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	0.967	25	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	3.18	25	
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	1.46	25	
trans-1,4-Dichloro-2-butene	8.73	2.0	µg/L	10.0		87.3	70-130	3.49	25	
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.0		107	40-160	4.39	25	†
1,1-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130	3.82	25	
1,2-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130	4.85	25	
1,1-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	0.595	25	
cis-1,2-Dichloroethylene	9.98	1.0	µg/L	10.0		99.8	70-130	3.88	25	
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	2.75	25	
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	0.912	25	
1,3-Dichloropropane	11.6	0.50	µg/L	10.0		116	70-130	0.859	25	
2,2-Dichloropropane	9.89	1.0	µg/L	10.0		98.9	40-130	2.77	25	†
1,1-Dichloropropene	10.1	2.0	µg/L	10.0		101	70-130	1.60	25	
cis-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130	0.461	25	
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108	70-130	1.28	25	
Diethyl Ether	10.2	2.0	µg/L	10.0		102	70-130	0.887	25	
Diisopropyl Ether (DIPE)	9.30	0.50	µg/L	10.0		93.0	70-130	0.864	25	
1,4-Dioxane	97.2	50	µg/L	100		97.2	40-130	3.47	50	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	0.0936	25	
Hexachlorobutadiene	10.4	0.60	µg/L	10.0		104	70-130	2.84	25	
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160	3.63	25	†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352673 - SW-846 5030B										
LCS Dup (B352673-BSD1)				Prepared: 09/21/23 Analyzed: 09/22/23						
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103	70-130	0.0968	25	
p-Isopropyltoluene (p-Cymene)	9.73	1.0	µg/L	10.0		97.3	70-130	1.97	25	
Methyl Acetate	10.1	1.0	µg/L	10.0		101	70-130	0.786	25	
Methyl tert-Butyl Ether (MTBE)	9.69	1.0	µg/L	10.0		96.9	70-130	0.829	25	
Methylene Chloride	9.30	5.0	µg/L	10.0		93.0	70-130	1.41	25	
4-Methyl-2-pentanone (MIBK)	108	10	µg/L	100		108	70-160	1.91	25	†
Naphthalene	10.5	2.0	µg/L	10.0		105	40-130	0.665	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.0972	25	
Styrene	10.8	1.0	µg/L	10.0		108	70-130	0.0926	25	
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130	0.180	25	
1,1,2,2-Tetrachloroethane	11.6	0.50	µg/L	10.0		116	70-130	1.20	25	
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119	70-130	0.835	25	
Tetrahydrofuran	9.12	10	µg/L	10.0		91.2	70-130	1.88	25	
Toluene	11.1	1.0	µg/L	10.0		111	70-130	1.27	25	
1,2,3-Trichlorobenzene	11.8	5.0	µg/L	10.0		118	70-130	1.37	25	
1,2,4-Trichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130	2.94	25	
1,3,5-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	0.903	25	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	0.796	25	
1,1,2-Trichloroethane	12.0	1.0	µg/L	10.0		120	70-130	1.26	25	
Trichloroethylene	11.3	1.0	µg/L	10.0		113	70-130	1.85	25	
Trichlorofluoromethane (Freon 11)	11.4	2.0	µg/L	10.0		114	70-130	8.71	25	
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130	3.69	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114	70-130	5.03	25	
1,2,4-Trimethylbenzene	10.2	1.0	µg/L	10.0		102	70-130	2.18	25	
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.0969	25	
Vinyl Chloride	11.1	2.0	µg/L	10.0		111	40-160	3.78	25	†
m+p Xylene	21.0	2.0	µg/L	20.0		105	70-130	0.812	25	
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	0.381	25	
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.5	70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102	70-130			
Batch B352799 - SW-846 5030B										
Blank (B352799-BLK1)				Prepared: 09/22/23 Analyzed: 09/25/23						
Acetone	ND	50	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352799 - SW-846 5030B										
Blank (B352799-BLK1)				Prepared: 09/22/23 Analyzed: 09/25/23						
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B352799 - SW-846 5030B											
Blank (B352799-BLK1)				Prepared: 09/22/23 Analyzed: 09/25/23							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*22.4*		µg/L	25.0		89.7	70-130				
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130				
LCS (B352799-BS1)				Prepared: 09/22/23 Analyzed: 09/25/23							
Acetone	88.3	50	µg/L	100		88.3	70-160				†
tert-Amyl Methyl Ether (TAME)	9.80	0.50	µg/L	10.0		98.0	70-130				
Benzene	9.77	1.0	µg/L	10.0		97.7	70-130				
Bromobenzene	11.0	1.0	µg/L	10.0		110	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130				
Bromodichloromethane	10.9	0.50	µg/L	10.0		109	70-130				
Bromoform	11.2	1.0	µg/L	10.0		112	70-130				
Bromomethane	8.21	2.0	µg/L	10.0		82.1	40-160			V-05	†
2-Butanone (MEK)	93.2	20	µg/L	100		93.2	40-160				†
tert-Butyl Alcohol (TBA)	91.7	20	µg/L	100		91.7	40-160				†
n-Butylbenzene	9.45	1.0	µg/L	10.0		94.5	70-130				
sec-Butylbenzene	9.55	1.0	µg/L	10.0		95.5	70-130				
tert-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130				
tert-Butyl Ethyl Ether (TBEE)	9.41	0.50	µg/L	10.0		94.1	70-130				
Carbon Disulfide	95.7	5.0	µg/L	100		95.7	70-130				
Carbon Tetrachloride	9.54	5.0	µg/L	10.0		95.4	70-130				
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130				
Chlorodibromomethane	11.3	0.50	µg/L	10.0		113	70-130				
Chloroethane	9.83	2.0	µg/L	10.0		98.3	70-130				
Chloromethane	8.26	2.0	µg/L	10.0		82.6	40-160				†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105	70-130				
4-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.72	5.0	µg/L	10.0		97.2	70-130				
1,2-Dibromoethane (EDB)	12.2	0.50	µg/L	10.0		122	70-130				
Dibromomethane	11.9	1.0	µg/L	10.0		119	70-130				
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130				
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130				
trans-1,4-Dichloro-2-butene	9.76	2.0	µg/L	10.0		97.6	70-130				
Dichlorodifluoromethane (Freon 12)	9.33	2.0	µg/L	10.0		93.3	40-160				†
1,1-Dichloroethane	9.45	1.0	µg/L	10.0		94.5	70-130				
1,2-Dichloroethane	11.3	1.0	µg/L	10.0		113	70-130				
1,1-Dichloroethylene	9.65	1.0	µg/L	10.0		96.5	70-130				
cis-1,2-Dichloroethylene	9.59	1.0	µg/L	10.0		95.9	70-130				
trans-1,2-Dichloroethylene	9.57	1.0	µg/L	10.0		95.7	70-130				
1,2-Dichloropropane	11.1	1.0	µg/L	10.0		111	70-130				
1,3-Dichloropropane	11.6	0.50	µg/L	10.0		116	70-130				
2,2-Dichloropropane	9.89	1.0	µg/L	10.0		98.9	40-130				†
1,1-Dichloropropene	9.55	2.0	µg/L	10.0		95.5	70-130				
cis-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130				
trans-1,3-Dichloropropene	11.1	0.50	µg/L	10.0		111	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B352799 - SW-846 5030B											
LCS (B352799-BS1)				Prepared: 09/22/23 Analyzed: 09/25/23							
Diethyl Ether	9.73	2.0	µg/L	10.0		97.3	70-130				
Diisopropyl Ether (DIPE)	9.12	0.50	µg/L	10.0		91.2	70-130				
1,4-Dioxane	93.6	50	µg/L	100		93.6	40-130				†
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130				
Hexachlorobutadiene	11.2	0.60	µg/L	10.0		112	70-130				
2-Hexanone (MBK)	108	10	µg/L	100		108	70-160				†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130				
p-Isopropyltoluene (p-Cymene)	9.70	1.0	µg/L	10.0		97.0	70-130				
Methyl Acetate	9.37	1.0	µg/L	10.0		93.7	70-130				
Methyl tert-Butyl Ether (MTBE)	9.78	1.0	µg/L	10.0		97.8	70-130				
Methylene Chloride	8.80	5.0	µg/L	10.0		88.0	70-130				
4-Methyl-2-pentanone (MIBK)	108	10	µg/L	100		108	70-160				†
Naphthalene	10.5	2.0	µg/L	10.0		105	40-130				†
n-Propylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
Styrene	11.0	1.0	µg/L	10.0		110	70-130				
1,1,1,2-Tetrachloroethane	11.3	1.0	µg/L	10.0		113	70-130				
1,1,2,2-Tetrachloroethane	12.2	0.50	µg/L	10.0		122	70-130				
Tetrachloroethylene	12.2	1.0	µg/L	10.0		122	70-130				
Tetrahydrofuran	8.80	10	µg/L	10.0		88.0	70-130				
Toluene	10.7	1.0	µg/L	10.0		107	70-130				
1,2,3-Trichlorobenzene	11.6	5.0	µg/L	10.0		116	70-130				
1,2,4-Trichlorobenzene	11.9	1.0	µg/L	10.0		119	70-130				
1,3,5-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130				
1,1,2-Trichloroethane	12.1	1.0	µg/L	10.0		121	70-130				
Trichloroethylene	11.1	1.0	µg/L	10.0		111	70-130				
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130				
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.0		120	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130				
1,2,4-Trimethylbenzene	9.94	1.0	µg/L	10.0		99.4	70-130				
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
Vinyl Chloride	9.88	2.0	µg/L	10.0		98.8	40-160				†
m+p Xylene	21.0	2.0	µg/L	20.0		105	70-130				
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130				
Surrogate: 1,2-Dichloroethane-d4	*21.4*		µg/L	25.0		85.8	70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130				
LCS Dup (B352799-BSD1)				Prepared: 09/22/23 Analyzed: 09/25/23							
Acetone	88.8	50	µg/L	100		88.8	70-160	0.576	25		†
tert-Amyl Methyl Ether (TAME)	9.58	0.50	µg/L	10.0		95.8	70-130	2.27	25		
Benzene	9.74	1.0	µg/L	10.0		97.4	70-130	0.308	25		
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	2.03	25		
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130	0.384	25		
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130	0.369	25		
Bromoform	11.1	1.0	µg/L	10.0		111	70-130	0.718	25		
Bromomethane	9.18	2.0	µg/L	10.0		91.8	40-160	11.2	25	V-05	†
2-Butanone (MEK)	90.6	20	µg/L	100		90.6	40-160	2.91	25		†
tert-Butyl Alcohol (TBA)	90.4	20	µg/L	100		90.4	40-160	1.48	25		†
n-Butylbenzene	9.48	1.0	µg/L	10.0		94.8	70-130	0.317	25		
sec-Butylbenzene	9.59	1.0	µg/L	10.0		95.9	70-130	0.418	25		
tert-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	0.00	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352799 - SW-846 5030B										
LCS Dup (B352799-BSD1)				Prepared: 09/22/23 Analyzed: 09/25/23						
tert-Butyl Ethyl Ether (TBEE)	9.48	0.50	µg/L	10.0		94.8	70-130	0.741	25	
Carbon Disulfide	96.6	5.0	µg/L	100		96.6	70-130	0.998	25	
Carbon Tetrachloride	9.37	5.0	µg/L	10.0		93.7	70-130	1.80	25	
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	0.0900	25	
Chlorodibromomethane	11.1	0.50	µg/L	10.0		111	70-130	2.41	25	
Chloroethane	9.39	2.0	µg/L	10.0		93.9	70-130	4.58	25	
Chloromethane	8.58	2.0	µg/L	10.0		85.8	40-160	3.80	25	†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	1.83	25	
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	1.55	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.90	5.0	µg/L	10.0		99.0	70-130	1.83	25	
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0		118	70-130	2.75	25	
Dibromomethane	11.4	1.0	µg/L	10.0		114	70-130	4.56	25	
1,2-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	1.24	25	
1,3-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	0.0915	25	
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	0.276	25	
trans-1,4-Dichloro-2-butene	9.14	2.0	µg/L	10.0		91.4	70-130	6.56	25	
Dichlorodifluoromethane (Freon 12)	9.49	2.0	µg/L	10.0		94.9	40-160	1.70	25	†
1,1-Dichloroethane	9.68	1.0	µg/L	10.0		96.8	70-130	2.40	25	
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130	2.96	25	
1,1-Dichloroethylene	9.65	1.0	µg/L	10.0		96.5	70-130	0.00	25	
cis-1,2-Dichloroethylene	9.55	1.0	µg/L	10.0		95.5	70-130	0.418	25	
trans-1,2-Dichloroethylene	9.43	1.0	µg/L	10.0		94.3	70-130	1.47	25	
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130	2.19	25	
1,3-Dichloropropane	11.5	0.50	µg/L	10.0		115	70-130	1.38	25	
2,2-Dichloropropane	9.92	1.0	µg/L	10.0		99.2	40-130	0.303	25	†
1,1-Dichloropropene	9.80	2.0	µg/L	10.0		98.0	70-130	2.58	25	
cis-1,3-Dichloropropene	10.9	0.50	µg/L	10.0		109	70-130	0.275	25	
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130	4.72	25	
Diethyl Ether	9.70	2.0	µg/L	10.0		97.0	70-130	0.309	25	
Diisopropyl Ether (DIPE)	9.04	0.50	µg/L	10.0		90.4	70-130	0.881	25	
1,4-Dioxane	92.2	50	µg/L	100		92.2	40-130	1.51	50	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	0.838	25	
Hexachlorobutadiene	10.9	0.60	µg/L	10.0		109	70-130	2.08	25	
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160	2.92	25	†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.0		104	70-130	1.34	25	
p-Isopropyltoluene (p-Cymene)	9.62	1.0	µg/L	10.0		96.2	70-130	0.828	25	
Methyl Acetate	9.28	1.0	µg/L	10.0		92.8	70-130	0.965	25	
Methyl tert-Butyl Ether (MTBE)	9.60	1.0	µg/L	10.0		96.0	70-130	1.86	25	
Methylene Chloride	8.82	5.0	µg/L	10.0		88.2	70-130	0.227	25	
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104	70-160	3.71	25	†
Naphthalene	10.4	2.0	µg/L	10.0		104	40-130	0.858	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.966	25	
Styrene	10.9	1.0	µg/L	10.0		109	70-130	1.19	25	
1,1,1,2-Tetrachloroethane	11.2	1.0	µg/L	10.0		112	70-130	0.443	25	
1,1,2,2-Tetrachloroethane	11.7	0.50	µg/L	10.0		117	70-130	3.77	25	
Tetrachloroethylene	12.0	1.0	µg/L	10.0		120	70-130	1.99	25	
Tetrahydrofuran	8.60	10	µg/L	10.0		86.0	70-130	2.30	25	
Toluene	10.7	1.0	µg/L	10.0		107	70-130	0.280	25	
1,2,3-Trichlorobenzene	11.5	5.0	µg/L	10.0		115	70-130	1.21	25	
1,2,4-Trichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130	2.21	25	
1,3,5-Trichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	0.996	25	
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	2.08	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B352799 - SW-846 5030B										
LCS Dup (B352799-BSD1)				Prepared: 09/22/23 Analyzed: 09/25/23						
1,1,2-Trichloroethane	11.9	1.0	µg/L	10.0		119	70-130	1.33	25	
Trichloroethylene	11.2	1.0	µg/L	10.0		112	70-130	0.984	25	
Trichlorofluoromethane (Freon 11)	9.68	2.0	µg/L	10.0		96.8	70-130	6.59	25	
1,2,3-Trichloropropane	11.8	2.0	µg/L	10.0		118	70-130	1.60	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9	1.0	µg/L	10.0		109	70-130	0.184	25	
1,2,4-Trimethylbenzene	9.96	1.0	µg/L	10.0		99.6	70-130	0.201	25	
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.0		104	70-130	1.34	25	
Vinyl Chloride	10.0	2.0	µg/L	10.0		100	40-160	1.21	25	†
m+p Xylene	20.7	2.0	µg/L	20.0		104	70-130	1.44	25	
o-Xylene	10.5	1.0	µg/L	10.0		105	70-130	1.51	25	
Surrogate: 1,2-Dichloroethane-d4	*22.6*		µg/L	25.0		90.2	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.7*		µg/L	25.0		103	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
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.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

con-test®
A Pace Analytical® Laboratory

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	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
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
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
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

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

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2023

23D1634 TF

Pace Analytical®

Phone: 413-525-2332
Fax: 413-525-6405
Access COC's and Support Requests

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 1

Company Name:	ATLAS
Address:	150 Zachary Rd, Manchester NH
Phone:	603.647.7077
Project Name:	FMC Mr. Mikes Mobil
Project Location:	22 Hennikers St Hillsborough, NH
Project Number:	0221074822
Project Manager:	Steve Law
Pace Quote Name/Number:	
Invoice Recipient:	
Sampled By:	Jon Carr

Requested Turnaround Time			
7-Day	☐	10-Day	☒
PFAS 10-Day (std)	☐	Due Date:	

Rush-Approval Required			
1-Day	☐	3-Day	☐
2-Day	☐	4-Day	☐

Data Delivery	
Format:	PDF ☐ EXCEL ☐
Other:	
CLP Like Data Pkg Required:	☐
Email To:	Steven.Law@atlas.com
Fax To #:	

Dissolved Metals Samples	
○	Field Filtered
○	Lab to Filter

Orthophosphate Samples	
○	Field Filtered
○	Lab to Filter

PCB ONLY

SOXHLET ☐

NON SOXHLET ☐

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	NH Full List VOC 624
1	MW1R2	9/19/23	11:00	G	GW		3					X
2	MW 2	9/19/23	11:10	G	GW		3					X
3	MW 7R	9/19/23	11:20	G	GW		3					X
4	MW 9	9/19/23	11:30	G	GW		3					X
5	Trip Blank	9/19/23	11:25		DI		2					X

[2] Preservation Code

Courier Use Only

Total Number Of:

VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

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

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

[2] Preservation Codes:
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)

Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time: 9/20/23 1015
Relinquished by: (signature)		Date/Time: 9/20/23 1652
Received by: (signature)		Date/Time: 9/20/23 1652
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time:
Received by: (signature)		Date/Time:

Client Comments:

Detection Limit Requirements	
MA	NH AGQS
CT	
Other:	

Special Requirements	
☐	MA MCP Required
	MCP Certification Form Required
☐	CT RCP Required
	RCP Certification Form Required
☐	MA State DW Required
	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

NELAC and AIHA-LAP, LLC Accredited

Project Entity

Government	☐	Municipality	☐	MWRA	☐	WRTA	☐
Federal	☐	21 J	☐	School	☐		
City	☐	Brownfield	☐	MBTA	☐		

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

Lab Comments:

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

Table of Contents

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

Log In Back-Sheet

Client Atlas

Project Former Mr. Mikes Mobil

MCP/RCP Required N/A

Deliverable Package Requirement NH & AGQS

Location 22 Henniker St, Hillsborough, NH

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time STM 9/20/23 1612

Back-Sheet By / Date / Time STM 9/20/23 1936

Temperature Method Gun # 5

Temp ☒ < 6° C Actual Temperature 3.1

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: (N/A) ☐ ☐

Additional Container Notes

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

Qualtrax ID: 120836

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

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

Qualtrax ID: 120836