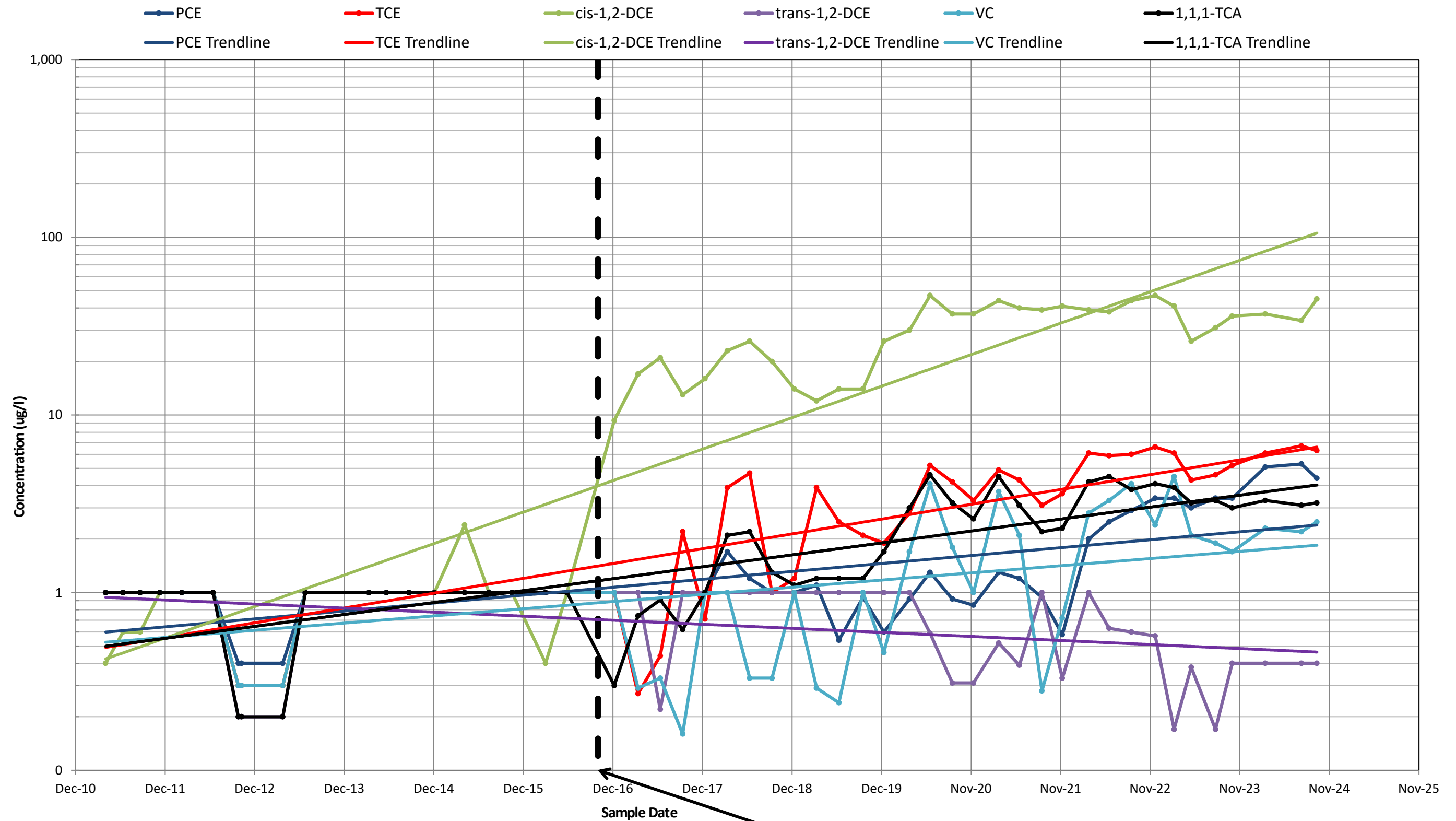


K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_4Q2024.aprx\Fig26-Chlorinated_VOC_MW-11B

PROJECT: 1940101703 | DATED: 1/29/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

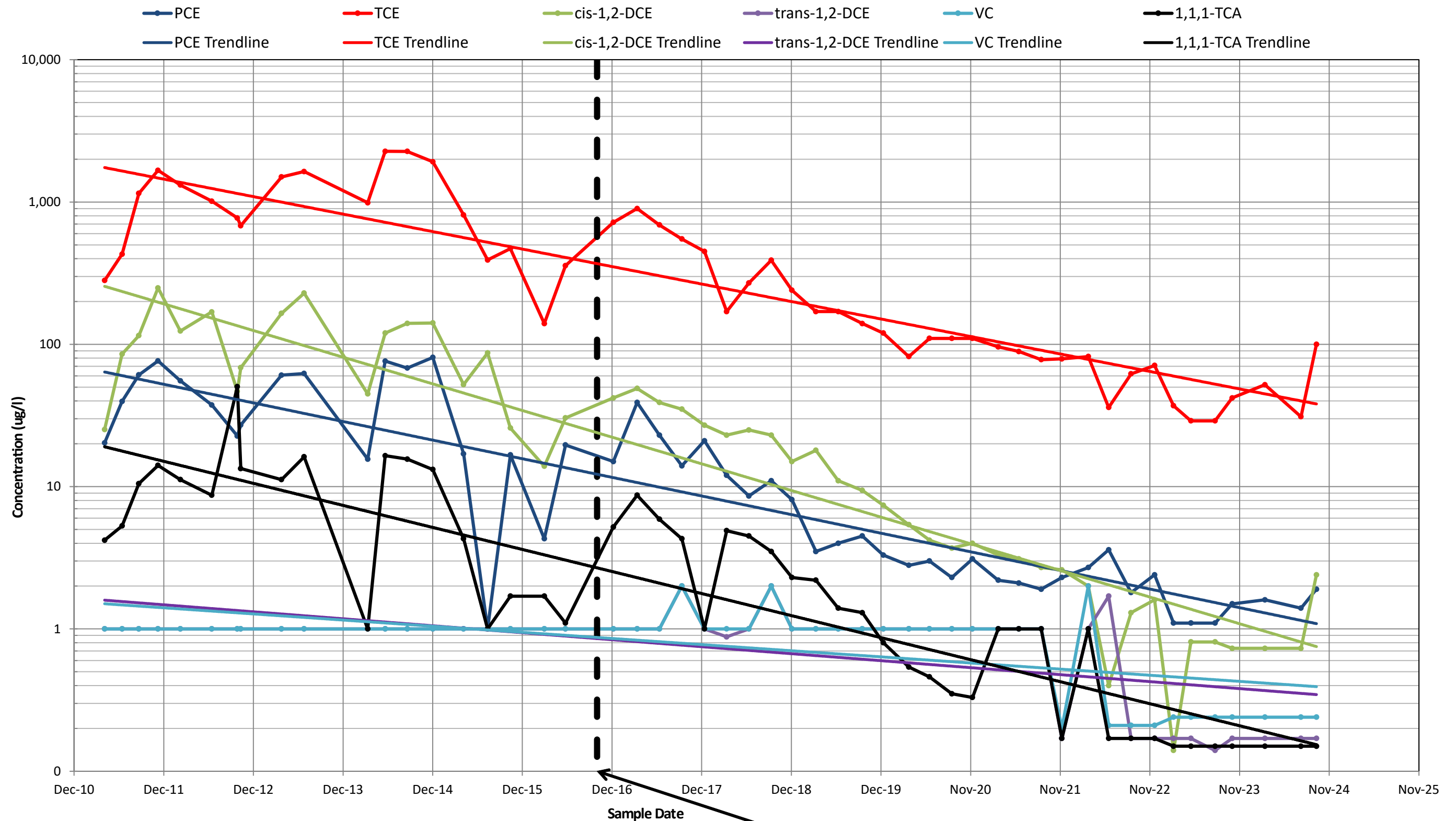
CHLORINATED VOC CONCENTRATIONS MW-11B

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 26

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE , 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

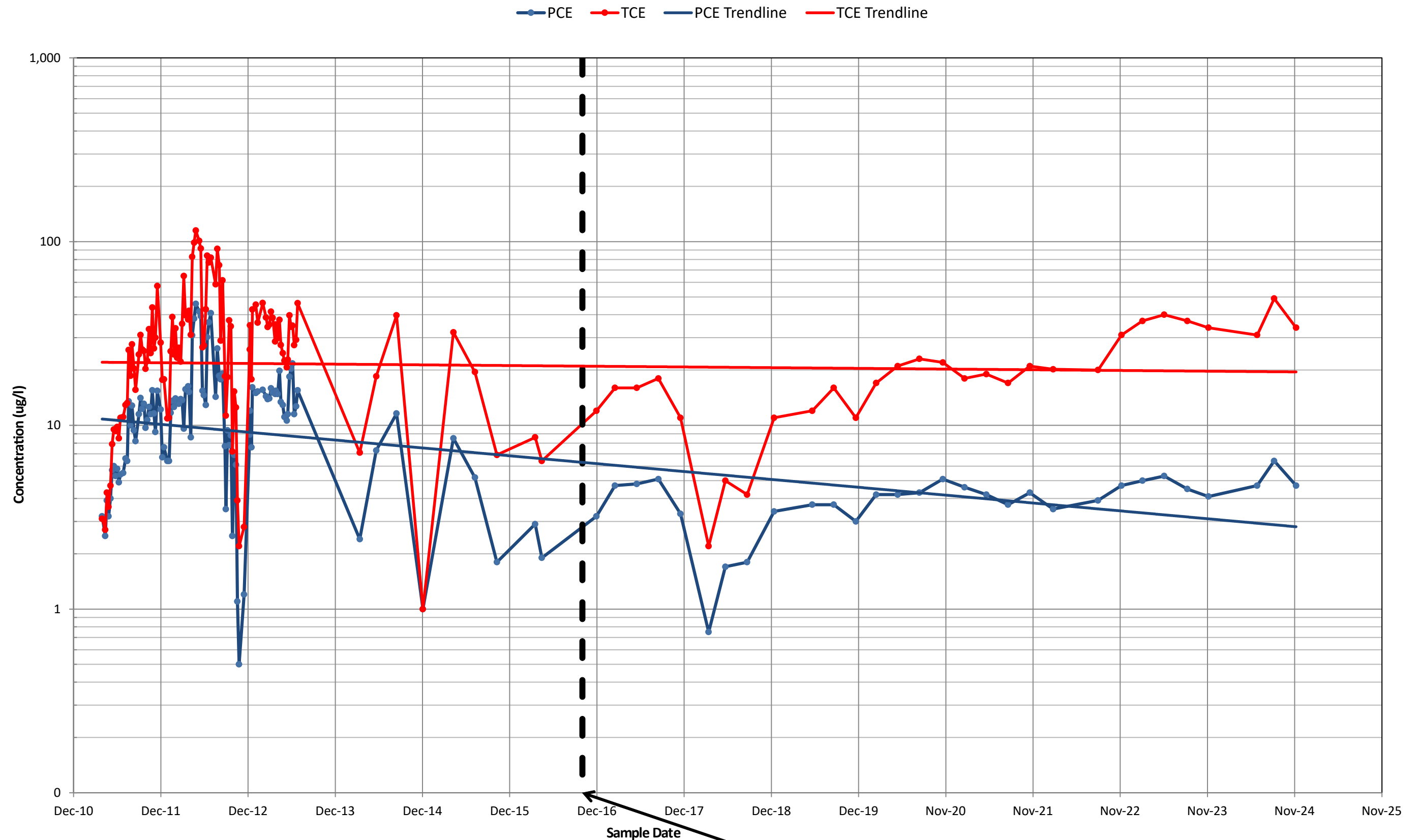
CHLORINATED VOC CONCENTRATIONS
MW-7B-R

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 27

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

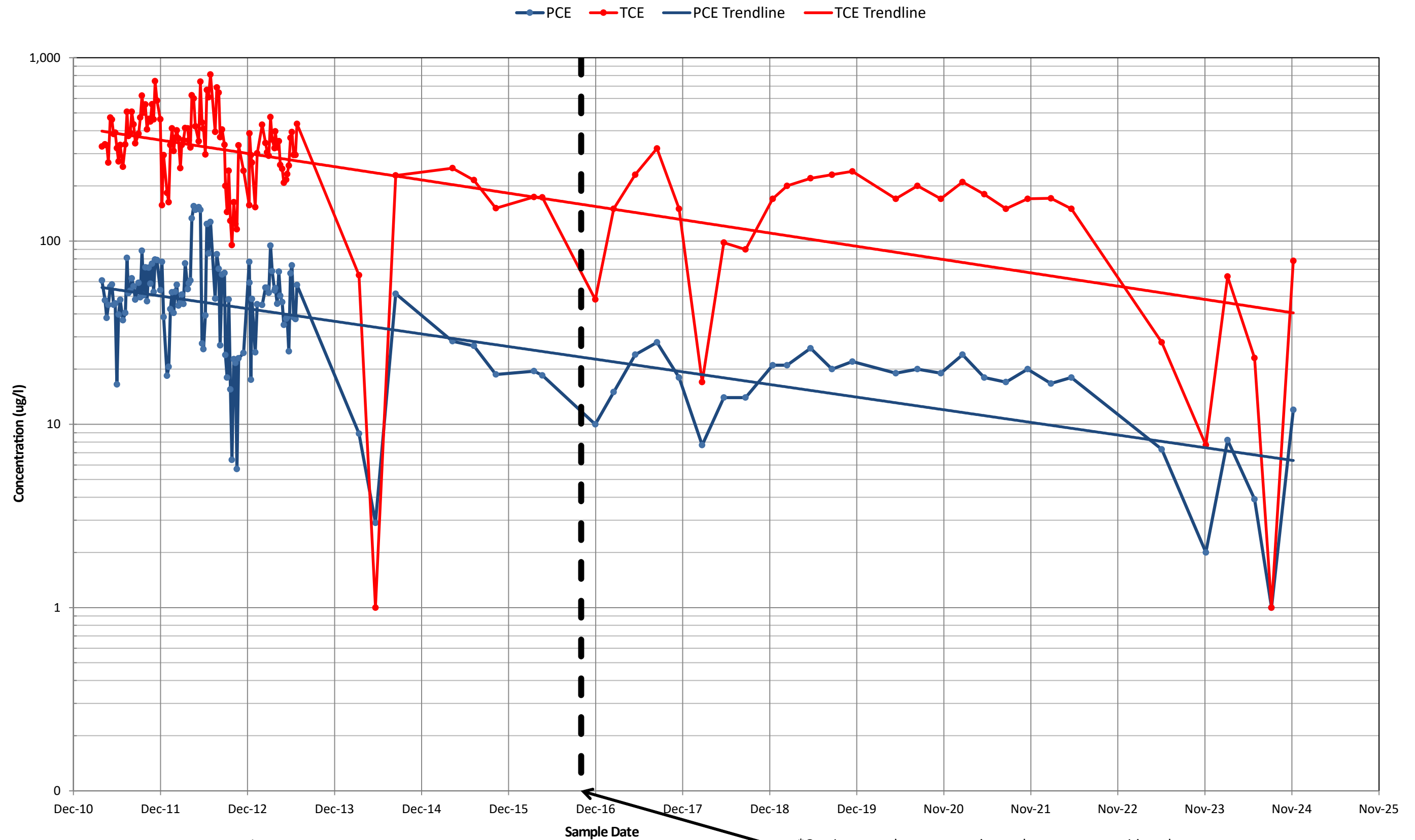
CHLORINATED VOC CONCENTRATIONS RW-3

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 28

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

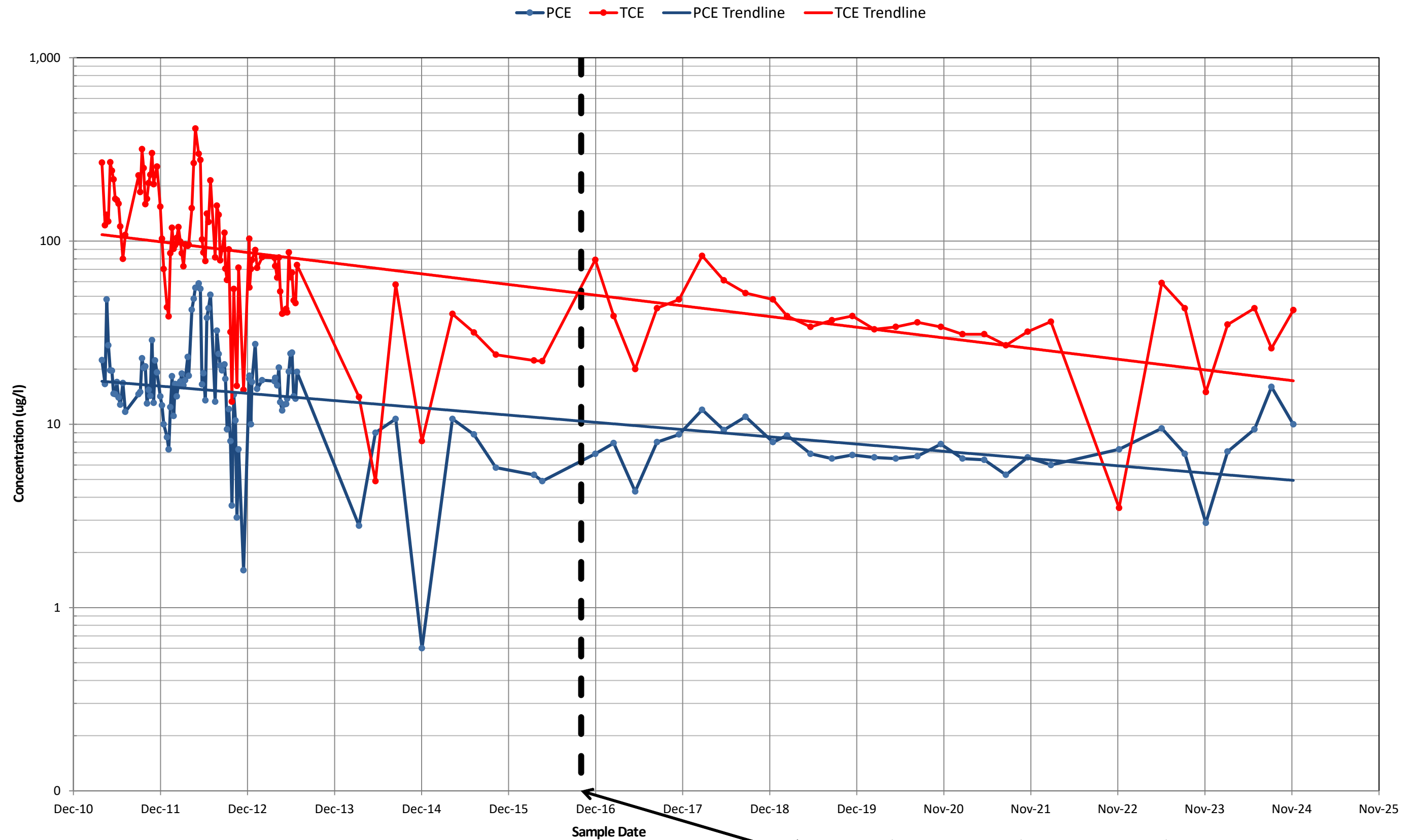
CHLORINATED VOC CONCENTRATIONS RW-4

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 29

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





NYSDEC 703 Class GA: PCE, TCE = 5 ug/l
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

CHLORINATED VOC CONCENTRATIONS RW-5

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

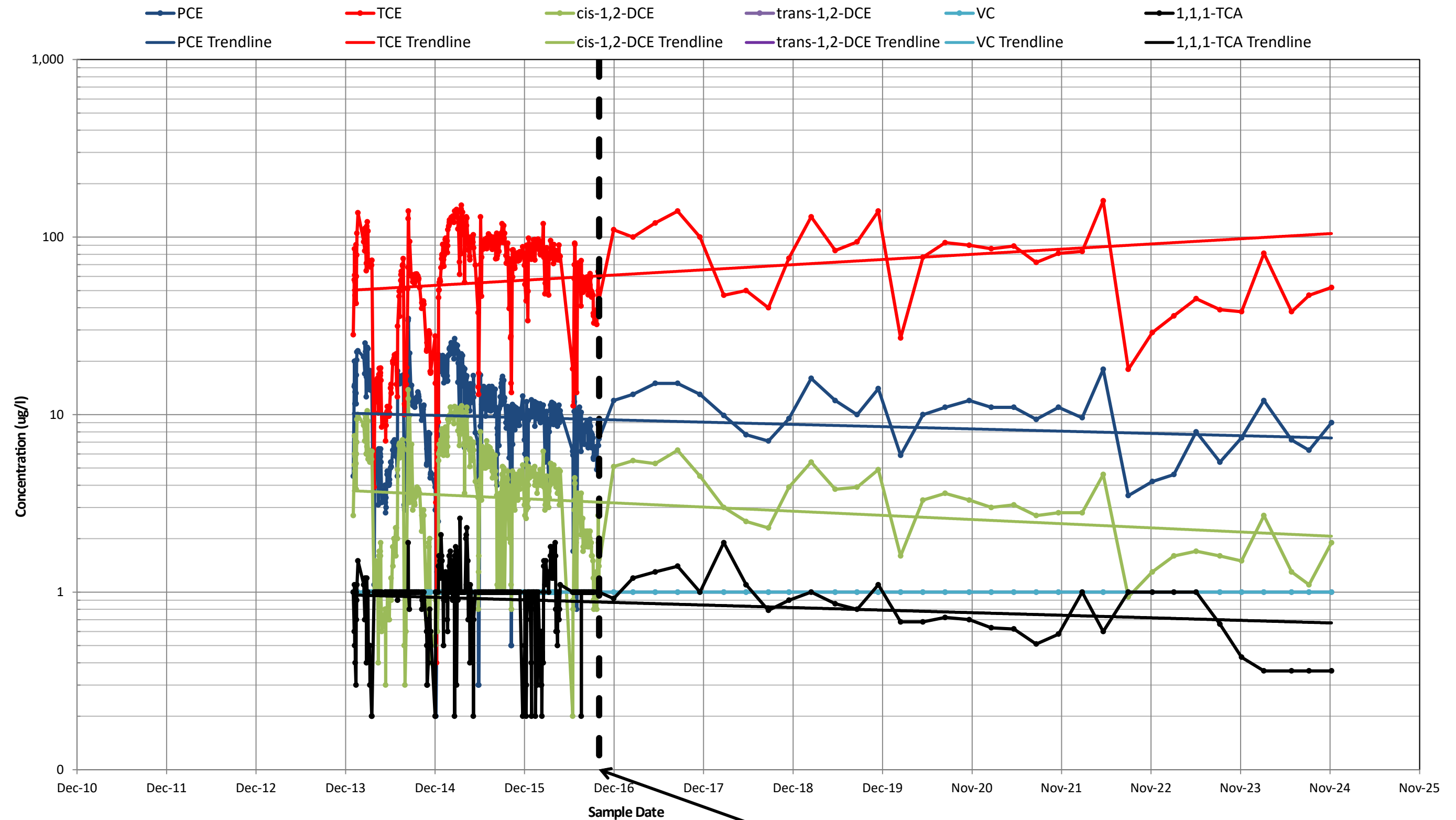
FIGURE 30

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



K:\NYS-DEC-1087815\Standards\GIS\Claremont\Pro\Claremont_Polychemical_4Q2024\Claremont_Polychemical_4Q2024.aprx\Fig31-Chlorinated_VOC_OU-5_influent

PROJECT: 1940101703 | DATED: 1/29/2025 | DESIGNER: SSOULE



NYSDEC 703 Class GA: PCE, TCE, trans-1,2-DCE, cis-1,2-DCE, 1,1,1-DCE = 5 ug/l; VC = 2 ug/l;
Detection limits used to display non-detect results. How some reporting limits were generated is unknown.
Samples are collected quarterly in the month prior to each quarterly groundwater sampling round.

*On-site groundwater extraction and treatment transitioned from the OU4 treatment facility to the OU5 treatment facility as of October 1, 2016.

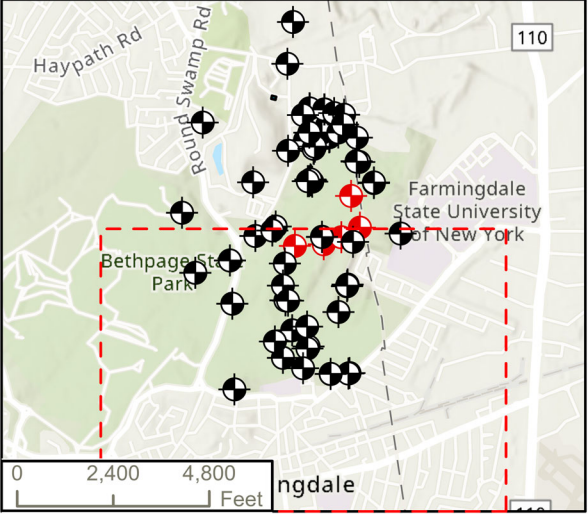
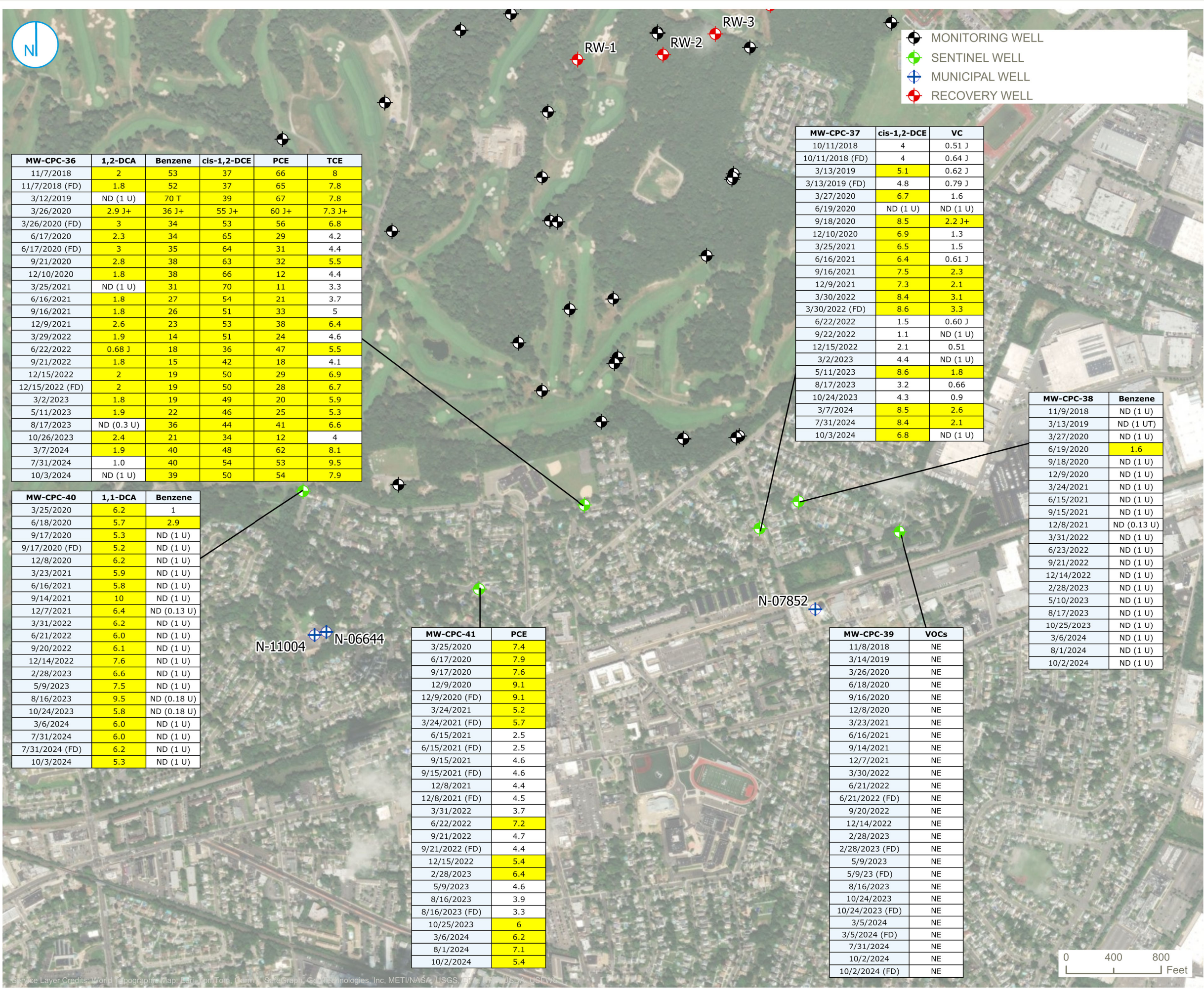
CHLORINATED VOC CONCENTRATIONS WELL OU5 INFLUENT

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 31

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





Monitoring Well Results Notes:

- Groundwater Quality Standards and Guidance Values: NYSDEC TOGS 1.1.1 (includes 6 NYCRR Part 703) Class GA. June 1998 and subsequent addenda.
- Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
- Criteria for compounds shown on this figure are presented in the table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- NE indicates no exceedances. ND indicates non-detect at the detection limit shown.
- Quarter 3 2021 data has not been validated.
- All results presented in ug/L.
- J - Result is estimated. +/- indicates direction of bias. T - A lab quality control sample was out of range. U - Result is non-detect.

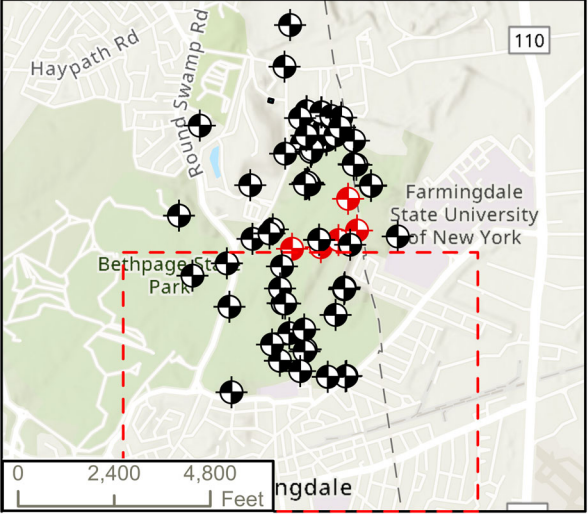
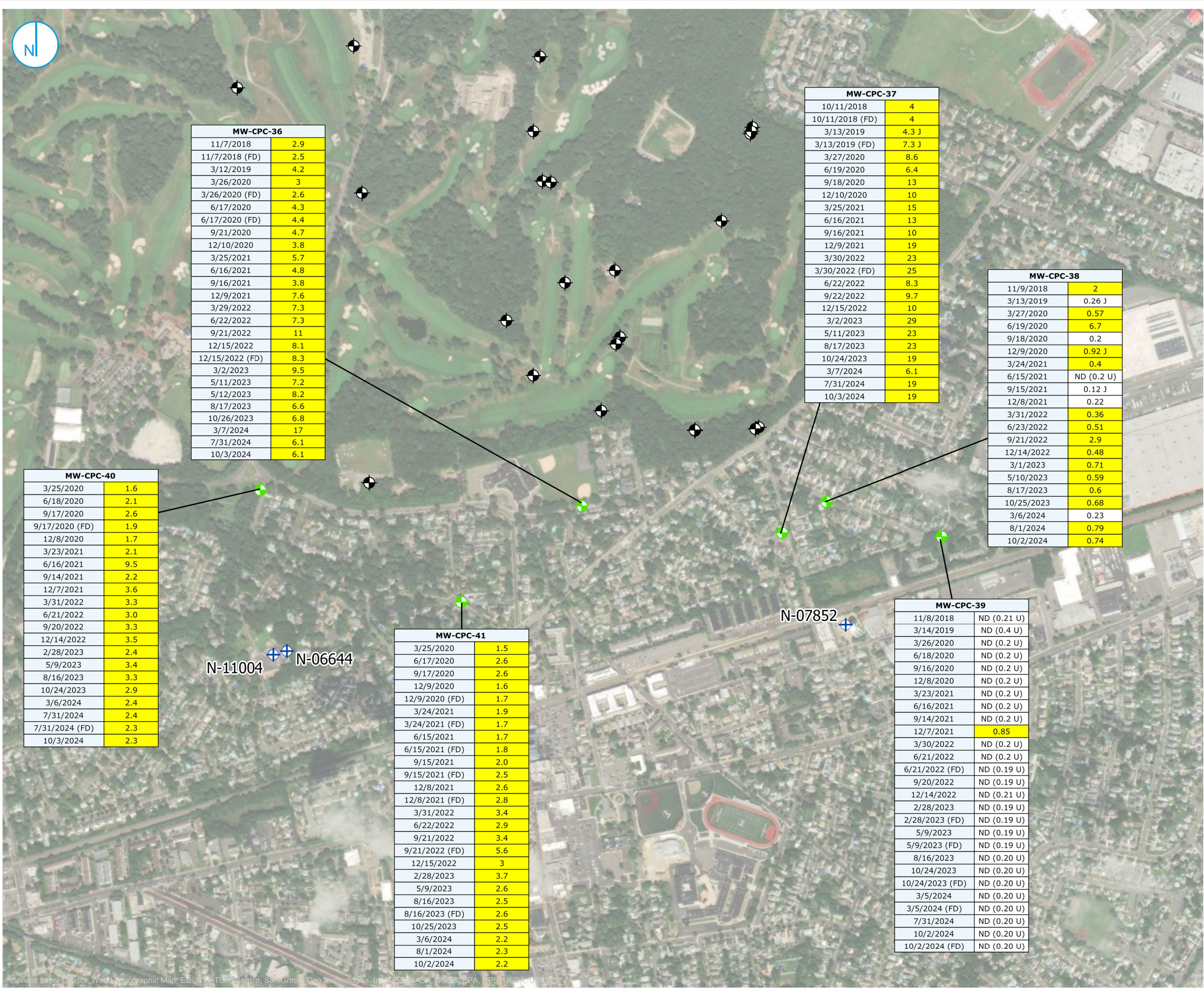
VOC EXCEEDANCES IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 32

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





- MONITORING WELL
- SENTINEL WELL
- RECOVERY WELL
- MUNICIPAL WELL

- Monitoring Well Results Notes:**
- 1,4-Dioxane was compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023. Criteria shown on table below.
 - Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
 - ND indicates non-detect at the detection limit shown.
 - Quarter 3 2021 data has not been validated.
 - All results presented in ug/L.
 - J - Result is estimated. +/- indicates direction of bias.
 - U - Result is non-detect.

Standards / Criteria:	ug/L
1,4-Dioxane	0.35

0 350 700 Feet

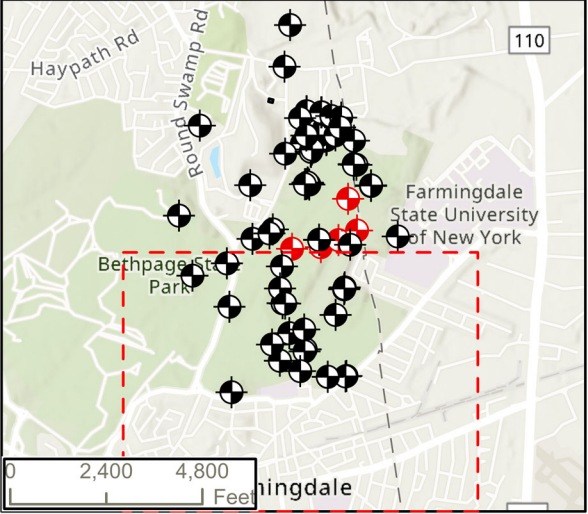
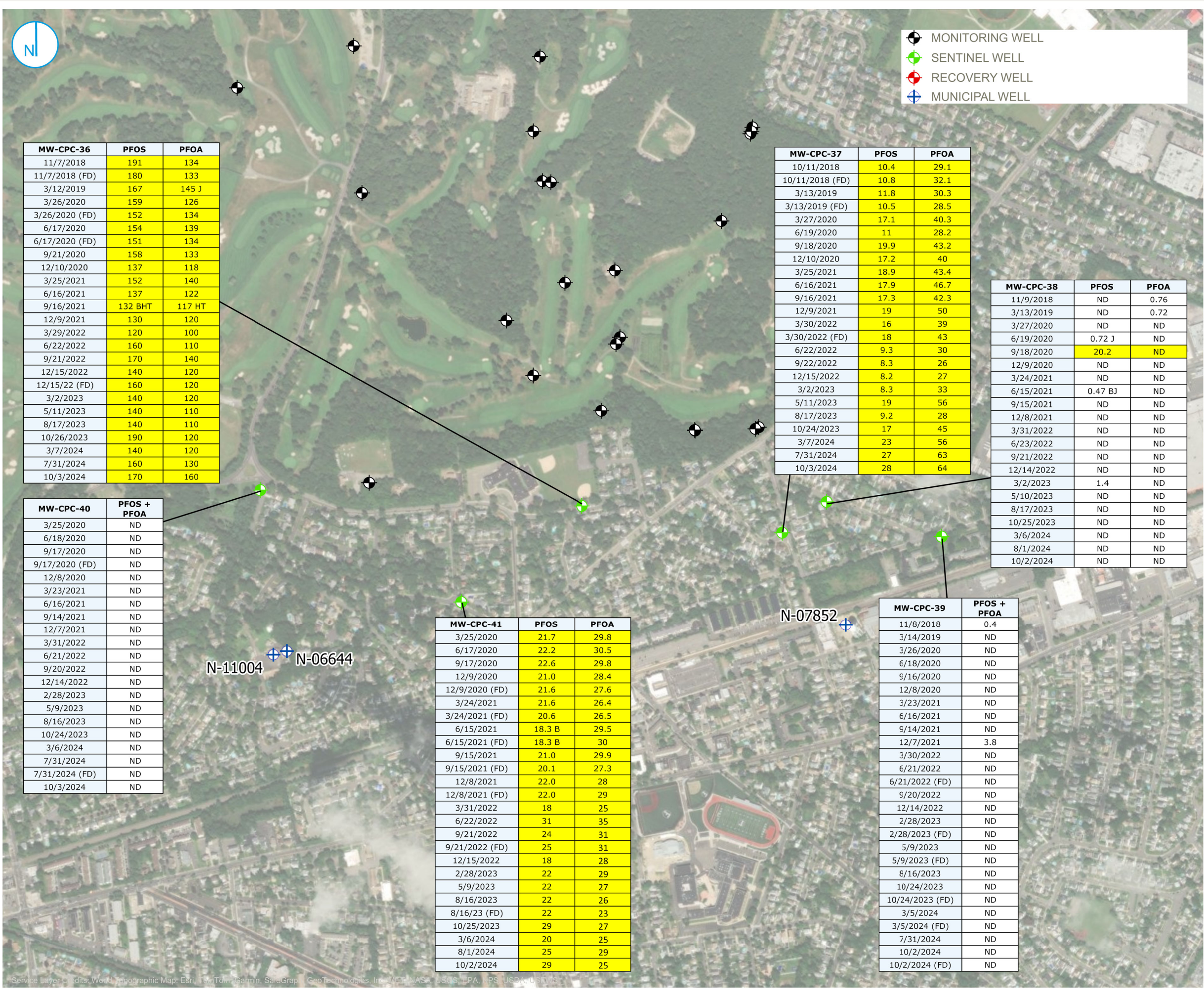
1,4-DIOXANE EXCEEDANCES
IN SENTINEL WELLS

CLAREMONT POLYCHEMICAL
CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 33

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





Monitoring Well Results Notes:

- PFOS and PFOA were compared to the NYSDEC "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Division of Water Technical and Operational Guidance Series (1.1.1)." Last updated February 2023.
- Only compounds with exceedances are shown. If the compound is not shown it was not detected above the criteria.
- Criteria for compounds shown on this figure are presented in the table below.
- Exceedance of relevant criteria indicated by yellow highlighting in the data box on the map.
- ND indicates constituents of total are nondetect.
- Quarter 3 2021 data has not been validated.
- All results presented in ng/L.
- B - Detected in associated blank.
H - Analyzed outside of hold time.
J - Result is estimated.
T - A lab quality control sample is out of range.

Standards / Criteria:	ng/L
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7



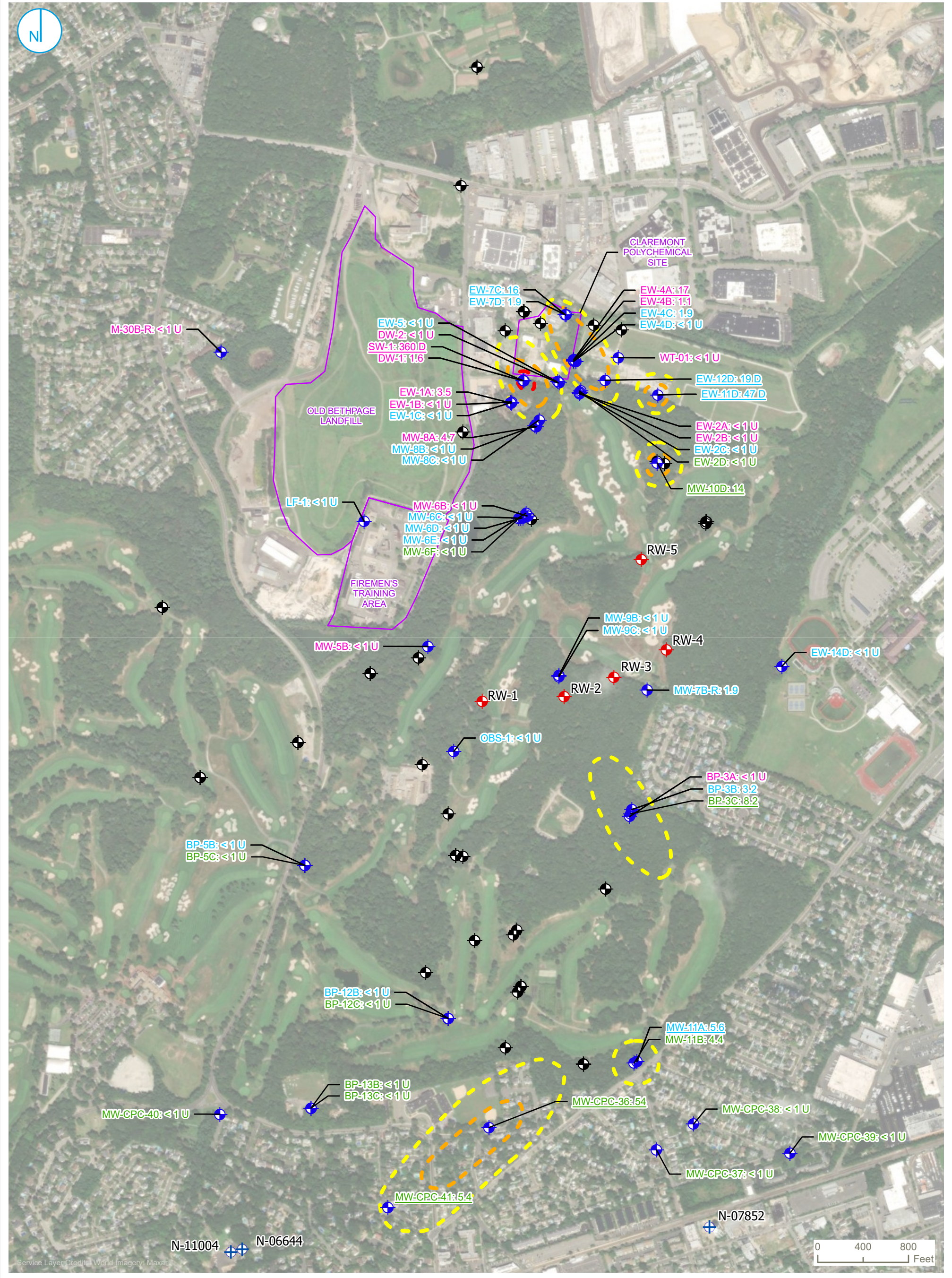
PFAS EXCEEDANCES IN SENTINEL WELLS

**CLAREMONT POLYCHEMICAL
CORPORATION**
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 34

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





- SAMPLED MONITORING WELL
 - UNSAMPLED MONITORING WELL
 - RECOVERY WELL
 - MUNICIPAL WELL
- PCE CONCENTRATION PLUME**
- 5 - 10 ug/L
 - 10 - 100 ug/L
 - > 100 ug/L

Notes:
All results given in ug/L.
J - Concentration estimated.
U - Parameter not detected above reporting limit (shown).
NS - Not sampled.
-- Underline indicates exceedance of groundwater standard (5 ug/L).
-- Maximum concentration of parent-duplicate pair shown.

AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

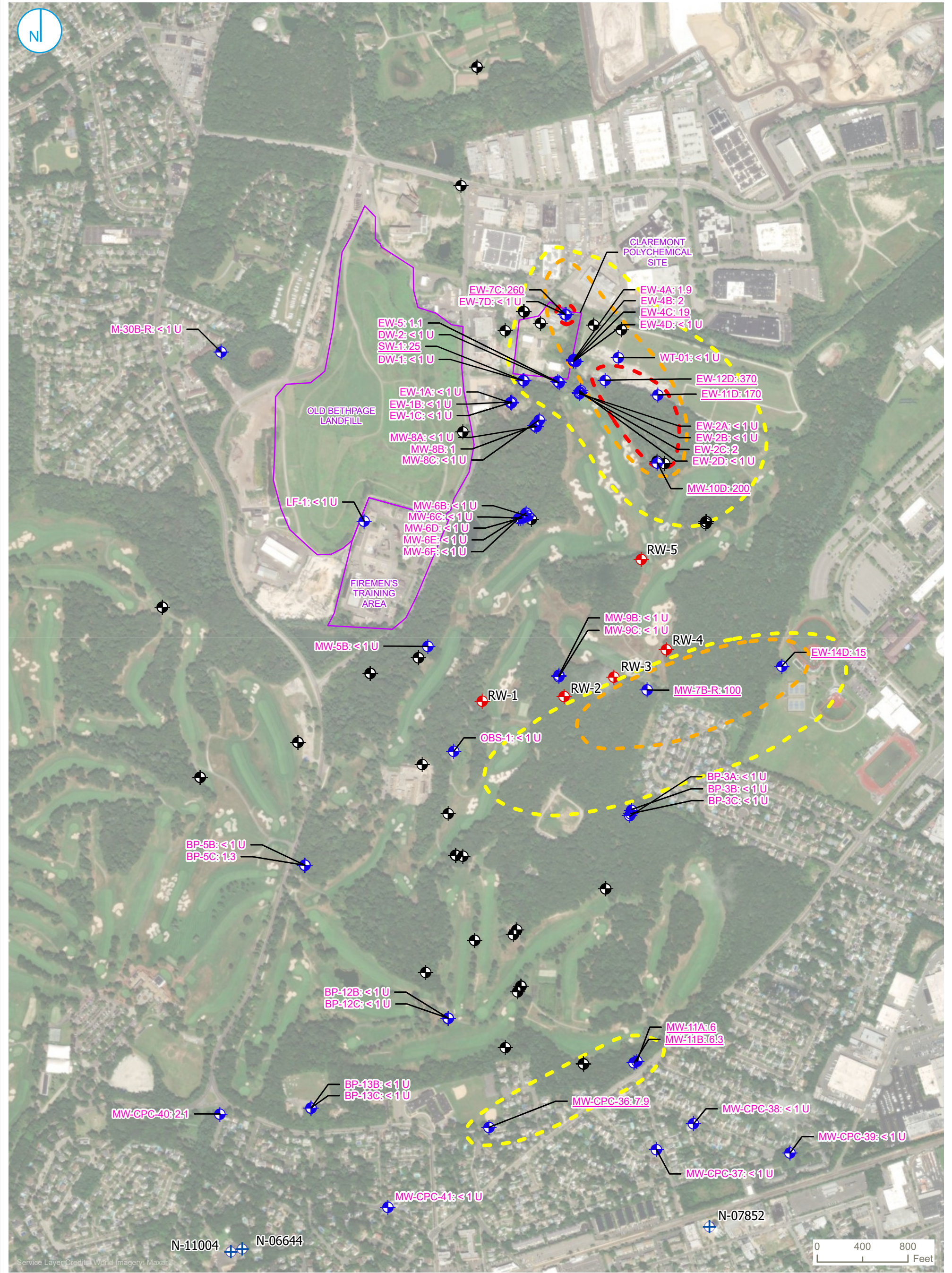
**OCTOBER 2024
TETRACHLOROETHENE
(PCE) PLUME**

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 35

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





- SAMPLED MONITORING WELL
 - UNSAMPLED MONITORING WELL
 - RECOVERY WELL
 - MUNICIPAL WELL
- TCE CONCENTRATION PLUME
- 5 - 10 ug/L
 - 10 - 100 ug/L
 - > 100 ug/L

Notes:
All results given in ug/L.
J - Concentration estimated.
U - Parameter not detected above reporting limit (shown).
NS - Not sampled.
-- Underline indicates exceedance of groundwater standard (5 ug/L).
-- Maximum concentration of parent-duplicate pair shown.

AQUIFER POSITION
UPPER MAGOTHY
MIDDLE MAGOTHY
LOWER MAGOTHY

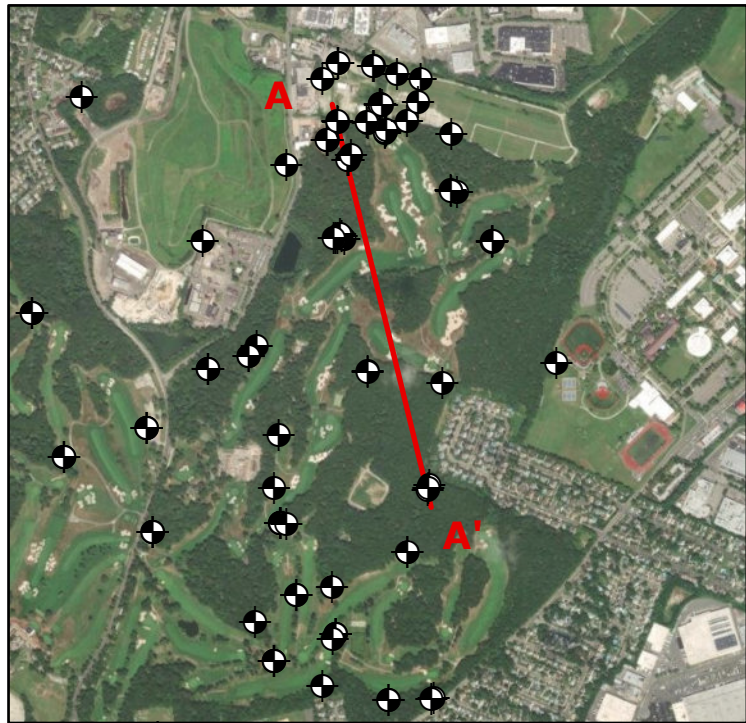
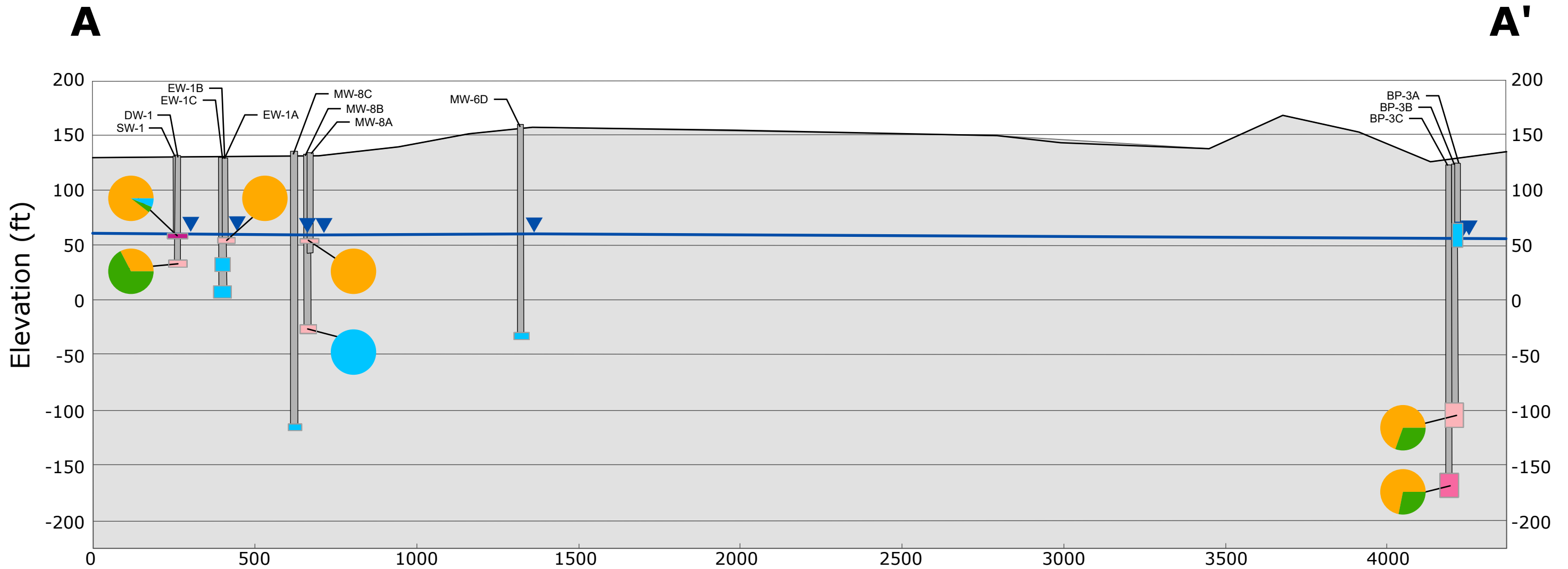
OCTOBER 2024
TRICHLOROETHENE
(TCE) PLUME

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 36

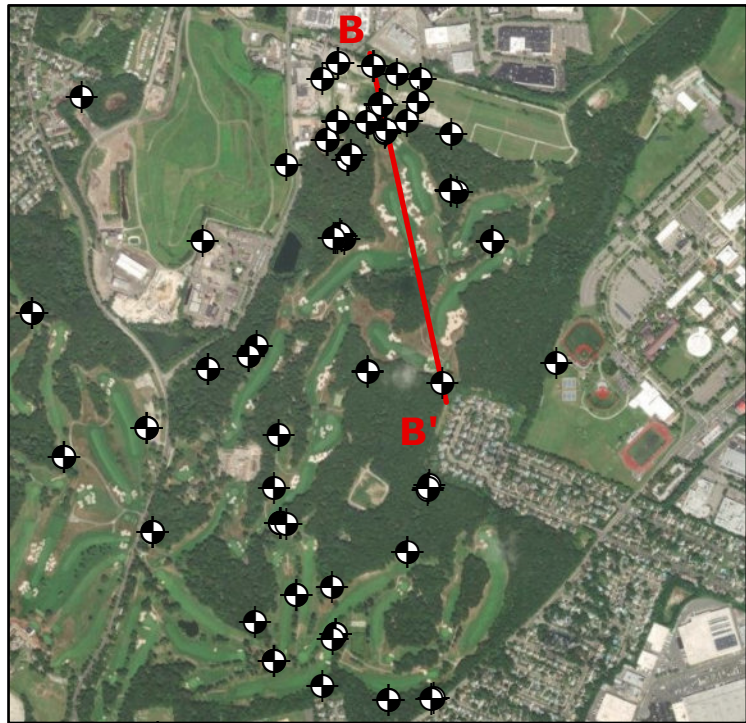
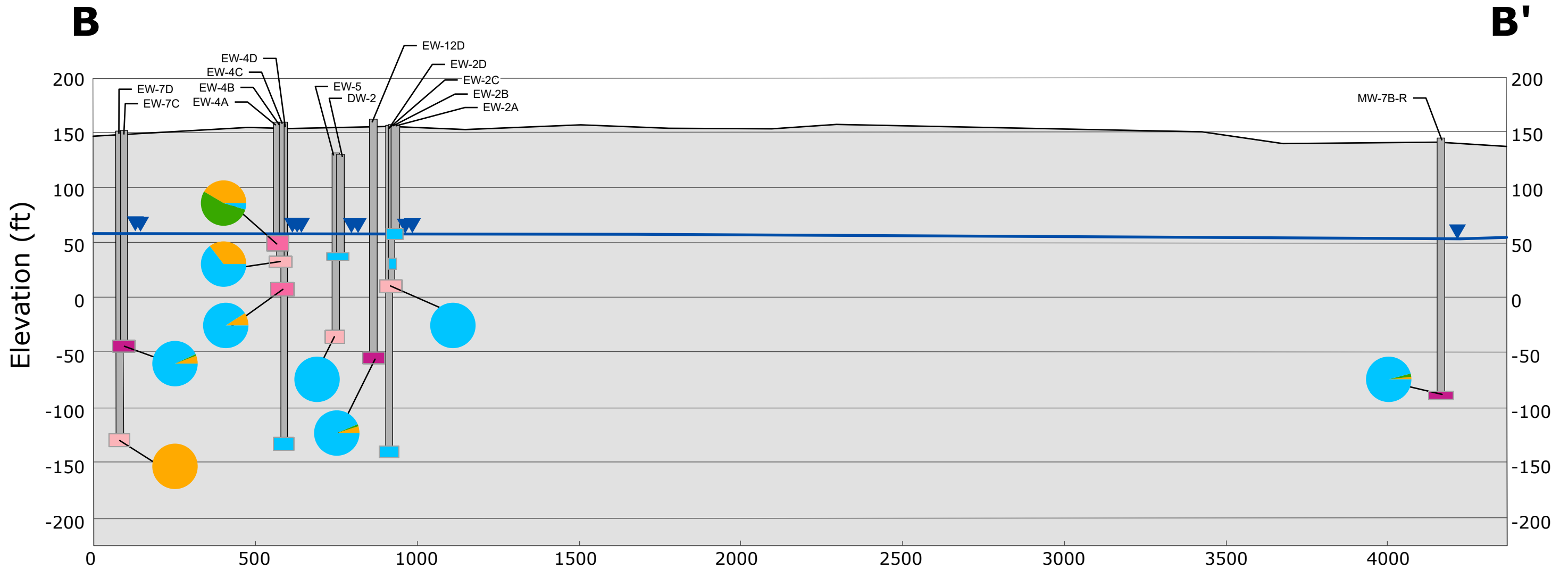
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY





CROSS SECTION TRANSECT A

FIGURE 37



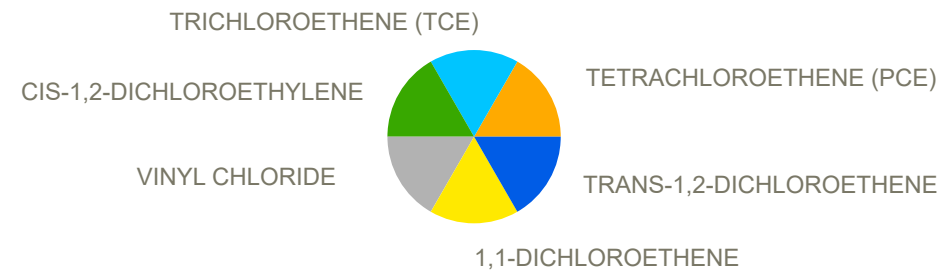
- Casing
- Screen Interval
- Groundwater Elevation (ft amsl)

Sum of CVOCs (ug/L)

- 0 - 10
- 10 - 100
- 100 - 500
- 500 - 1000

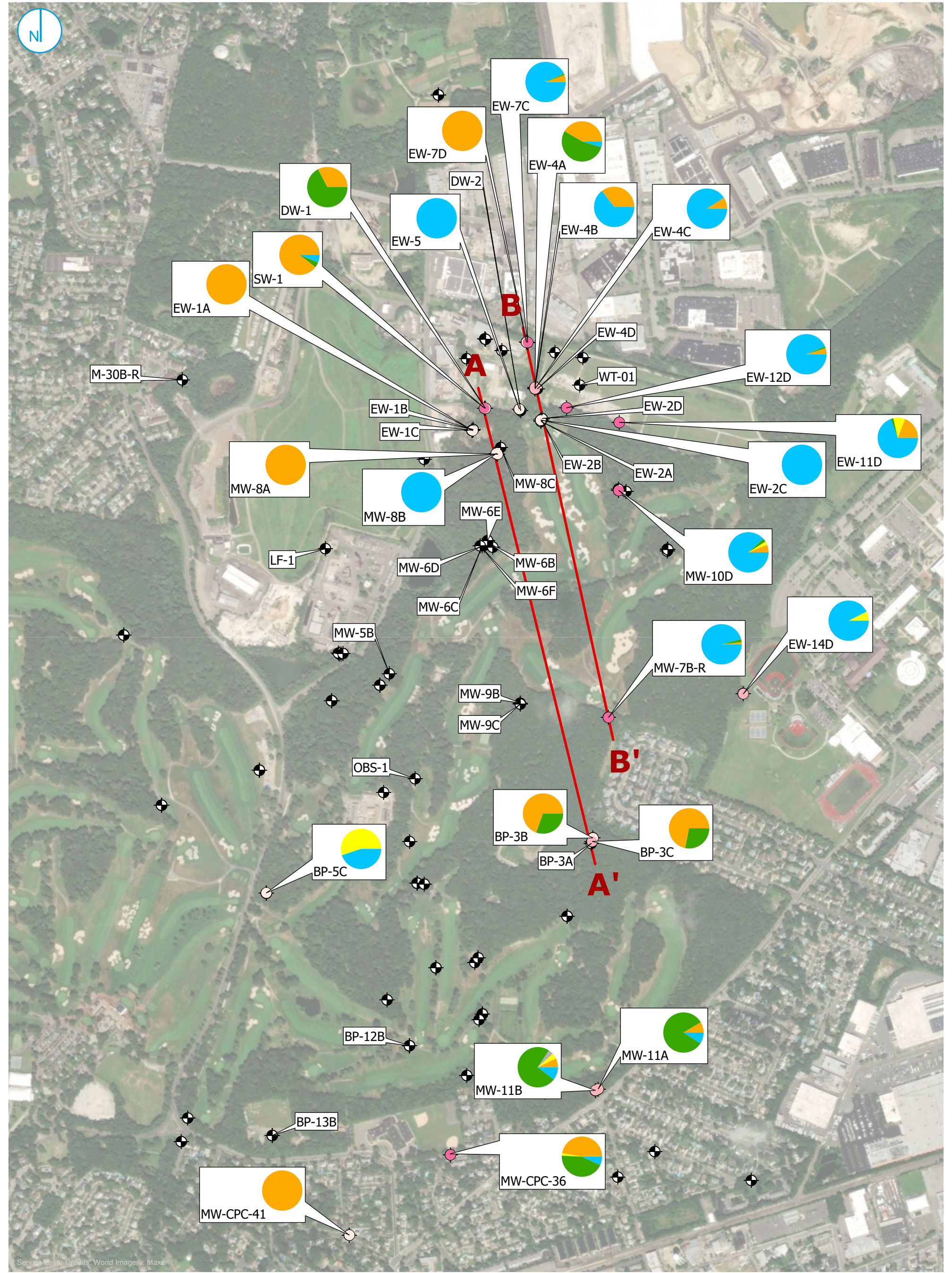
Notes

- Samples collected during Q4 2024.
- Capture distance to transect line is 250 ft.
- Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
- Wells without a pie chart did not have reported results above the detection limit for the selected constituents.

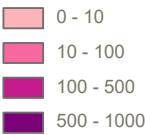


CROSS SECTION TRANSECT B

FIGURE 38

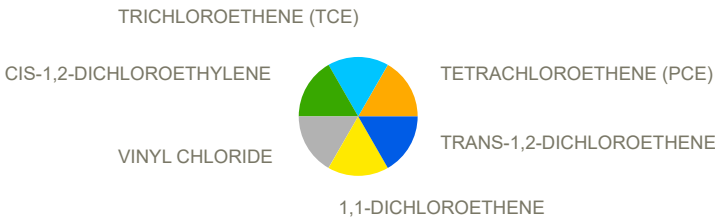


Sum of CVOCs (ug/L)



— Cross Section Transects

- Notes**
- Samples collected during Q4 2024.
 - Pie charts shown are for samples with results from the selected constituents that were above the detection limit.
 - Wells without a pie chart did not have reported results above the detection limit for the selected constituents.



DETECTED CHLORINATED
BREAKDOWN PRODUCTS

CLAREMONT POLYCHEMICAL CORPORATION
505 WINDING ROAD
OLD BETHPAGE, NEW YORK

FIGURE 39

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY



ATTACHMENT A

SYNOPTIC WATER LEVEL DATA

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
OCTOBER 1, 2024

Recording Date:			10/1/2024	Recorded by:		LB, BO, CI, GS
Well	3Q 2024 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	4Q 2024 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
BP-1A	44.56	13:02	109.77	45.15	64.62	
BP-1B	44.33	13:00	109.53	45.18	64.35	
BP-1C	44.31	12:58	109.37	44.87	64.50	
BP-2A	84.73	10:30	151	85.22	65.78	
BP-2B*	84.54	10:33	151.13	85.03	66.10	
BP-3A	59.43	8:30	124.16	60.50	63.66	
BP-3B	62.90	8:34	123.19	63.75	59.44	
BP-3C	63.12	8:32	123.91	63.96	59.95	
BP-4A	30.65	10:07	92.69	31.24	61.45	
BP-4B*	30	10:09	91.92	30.59	61.33	
BP-4C*	-	10:13	91.68	31.32	60.36	
BP-4I	-	10:16	92.1	30.72	61.38	
BP-5A	33.97	9:50	96.34	34.53	61.81	
BP-5B	34.27	10:02	96.48	35.06	61.42	
BP-5C	34.40	10:04	96.28	35.16	61.12	
BP-6A	-	-	102.55	-	-	Well Inaccessible
BP-6B	38.24	9:15	102.58	38.98	63.60	
BP-6C	-	9:10	102.35	38.74	63.61	
BP-7A	80.46	9:30	147.54	81.31	66.23	
BP-7B	81.92	9:28	148.76	82.71	66.05	
BP-7C	81.79	9:25	148.4	82.49	65.91	
BP-8A	25.41	12:35	89.88	26.06	63.82	
BP-8B	26.02	12:26	89.82	25.91	63.91	
BP-8C	25.26	12:30	89.53	26.52	63.01	
BP-9B*	25.03	11:03	85.09	25.54	59.55	
BP-9C*	26.44	11:07	84.88	27.35	57.53	
BP-9I	25.07	11:01	85.18	25.55	59.63	
BP-10B*	22.79	11:44	81.21	22.25	58.96	
BP-10C*	24.81	11:46	80.94	26.35	54.59	
BP-11	-	-	81.76	-	-	Well buried
BP-12A*	18.78	11:17	78.33	19.25	59.08	
BP-12B	19.20	10:17	78.24	19.25	58.99	
BP-12C	20.70	10:14	78.56	21.05	57.51	
BP-13B	75.62	10:31	133.37	76.21	57.16	
BP-13C	76.90	10:33	133.67	77.81	55.86	
BP-14B*	21.24	11:57	81.50	21.81	59.69	
BP-14C*	22.05	12:00	81.48	22.86	58.62	
BP-15B	37.60	11:28	98.38	38.20	60.18	
BP-15C	37.62	11:33	98.45	38.18	60.27	
DW-1	63.55	13:30	130.13	64.16	65.97	
DW-2	69.40	13:41	135.52	70.02	65.5	
EW-1A	62.27	13:33	128.75	62.98	65.77	
EW-1B	62.95	13:32	129.31	63.55	65.76	
EW-1C	63.05	13:34	129.16	63.62	65.54	
EW-2A	90.50	9:13	156.09	90.98	65.11	
EW-2B	96.50	9:09	156.5	91.27	65.23	
EW-2C	90.70	9:11	156.5	91.30	65.2	
EW-2D	97.10	9:07	157.12	92.20	64.92	
EW-3A	94.10	8:47	157.88	95.03	62.85	

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
OCTOBER 1, 2024

Recording Date:			10/1/2024	Recorded by:		LB, BO, CI, GS
Well	3Q 2024 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	4Q 2024 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
EW-3B	94.35	8:46	157.99	95.36	62.63	
EW-3C	93.41	8:45	157.87	96.24	61.63	
EW-4A	93.41	11:27	160.58	94.89	65.69	
EW-4B	94.30	11:26	160.59	94.94	65.65	
EW-4C	94.10	11:25	160.33	94.72	65.61	
EW-4D	94.70	11:24	160.62	95.29	65.33	
EW-5	69.20	13:46	135.05	68.64	66.41	
EW-6A	-	-	128.92	-	-	Well Inaccessible
EW-6C	-	-	129.02	-	-	Well Inaccessible
EW-7C	85.90	14:04	152.45	86.41	66.04	
EW-7D	86.00	14:05	152.35	86.37	65.98	
EW-8D	63.75	13:55	130.21	64.22	65.99	
EW-9D	69.75	13:59	136.2	70.18	66.02	
EW-10C	93.23	11:31	159.8	93.74	66.06	
EW-11D	99.10	11:15	164.17	99.77	64.4	
EW-12D	97.80	11:19	163.34	98.44	64.9	
EW-13D	98.11	11:35	163.61	98.63	64.98	
EW-14D	39.40	11:03	100.58	41.32	59.26	
LF-1	43.62	12:56	109.83	44.06	65.77	
LF-2	51.20	13:14	117.18	51.65	65.53	
M-30BR	84.73	13:05	153.07	85.30	67.77	
MW-5B	71.55	9:50	136.99	72.20	64.79	
MW-6A	-	-	158.83	-	-	Insufficient water
MW-6B	95.92	9:33	159.02	94.15	64.87	
MW-6C	96.71	9:27	158.65	94.75	63.9	
MW-6D	97.33	9:31	159.01	94.80	64.21	
MW-6E	96.33	9:29	159.54	95.41	64.13	
MW-6F	96.24	9:35	158.71	95.06	63.65	
MW-7BR	85.47	8:21	146.27	86.69	59.58	
MW-8A	67.66	9:18	133.52	68.33	65.19	
MW-8B	67.23	9:20	132.84	67.86	64.98	
MW-8C	68.82	9:15	134.27	69.48	64.79	
MW-9B	90.20	8:10	151.78	90.23	61.55	
MW-9C	90.05	8:12	151.97	90.85	61.12	
MW-10B	95.34	8:52	159.9	96.22	63.68	
MW-10C	94.52	8:58	158.89	95.43	63.46	
MW-10D	95.15	9:00	159.67	96.48	63.19	
MW-11A	21.64	10:48	78.71	22.20	56.51	
MW-11B	21.43	10:49	78.43	22.04	56.39	
MW-CPC-36	19.60	12:33	75.93	19.88	56.05	
MW-CPC-37	24.45	12:27	77.87	26.73	51.14	
MW-CPC-38	25.40	12:01	78.91	27.63	51.28	
MW-CPC-39	22.80	12:16	75.25	25.28	49.97	
MW-CPC-40	54.75	12:41	110	55.21	54.79	
MW-CPC-41	17.50	12:52	72.6	17.90	54.7	
OBS-1	46.73	9:56	109.03	47.49	61.54	
OBV-1B	86.91	8:45	157.26	87.09	70.17	
OBV-1C	87.48	8:48	156.69	87.58	69.11	
ORW-1 ^a	-	-	147.68	-	-	Vault door jammed

ATTACHMENT A
CLAREMONT POLYCHEMICAL CORPORATION SITE
WATER LEVEL MEASUREMENTS
OCTOBER 1, 2024

Recording Date:			10/1/2024	Recorded by:		LB, BO, CI, GS
Well	3Q 2024 Depth to Water Reading (ft)	Time	Measuring Point Elevation (ft AMSL)	4Q 2024 Depth to Water Reading (ft)	Water Elevation (ft AMSL)	Comments
ORW-2 ^a	-	-	97.88	-	-	Not gauged
ORW-3 ^a	29.62	-	91.39	-	-	Not gauged
ORW-4 ^a	28.11	-	88.88	-	-	Not gauged
ORW-5A ^a	40.58	-	100.38	-	-	Not gauged
ORW-6 ^a	23.51	-	83.42	-	-	Not gauged
ORW-7 ^a	-	-	76.14	-	-	Not gauged
RB-1	-	10:06	135.02	68.04	66.98	
SW-1	63.70	13:28	130.24	64.30	65.94	
UM-1	-	-	115.64	-	-	Well Inaccessible
U-6A	-	-	153.94	-	-	Leak in casing
W-7A	37.68	13:12	104.44	38.05	66.39	
W-7B	38.54	13:10	104.55	39.03	65.52	
W-7C	38.78	13:14	104.68	39.33	65.35	
W-7D	39.19	13:09	104.58	39.79	64.79	
WT-01	97.25	11:38	163.28	97.86	65.42	

Notes:

*- Dedicated pump in well

a - no pumping at time of gauging

AMSL - above mean sea level

ft - feet

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS

Attachment B
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

		71-55-6		79-34-3		76-13-1		9-00-5		75-34-3		75-35-4		87-61-6		96-18-4		120-82-1		95-63-6		96-12-8		106-93-4		95-50-1		107-06-2		78-87-5		108-67-8		541-73-1		106-46-7		591-78-6		99-87-6			
		ug/l	5	ug/l	5	ug/l	1	ug/l	5	ug/l	5	ug/l	5	0.04	ug/l	5	0.04	ug/l	0.0006	ug/l	3	ug/l	0.6	ug/l	1	ug/l	5	ug/l	3	ug/l	3	ug/l	50	ug/l	5								
Sample Description	Date Collected	Sample Type	1,1,1-TRICHLOROETHANE		1,1,2,2-TETRACHLOROETHANE		1,1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		1,1,2-TRICHLOROETHANE		1,1,1-DICHLOROETHANE		1,1,1-DICHLOROETHANE		1,2,2-TRICHLOROBENZENE		1,2,3-Trichloropropene		1,2,4-TRICHLOROBENZENE		1,2,4-Trimethylbenzene		1,2-DIBROMO-3-CHLOROPROPANE		1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)		1,2-DICHLOROBENZENE		1,2-DICHLOROETHANE		1,2-DICHLOROPROPANE		1,3,5-Trimethylbenzene		1,3-DICHLOROBENZENE		1,4-DICHLOROBENZENE		1-HEXANONE		4-Isopropyltoluene		
BP-12B	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U		
BP-12C	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-13B	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-13C	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-3A	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-3B	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-3C	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-5B	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
BP-5C	10/9/2024	N	1.2	<0.5U	<1U	<1U	3.9	1.6	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
DW-1	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
DW-2	10/8/2024	FD	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
DW-2	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-11D	10/9/2024	N	10 D	<1U	<2U	<2U	3.5 D	21 D	<10U	<4U	<2U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U	<1U	<2U	<10U
EW-12D	10/9/2024	N	<4U	<2U	<4U	<4U	<4U	<4U	<20U	<8U	<4U	<4U	<20U	<2U	<4U	<4U	<4U	<20U	<2U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	<4U	
EW-14D	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1.2	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-1A	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-1B	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-1C	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-2A	10/8/2024	N	<1U	<0.5U	<1U	<1U	1.5	<1U	<0.5U	<2U	<1U	<1U	<0.5U	<2U	<1U	<1U	<0.5U	<0.5U	<1U	<1U	<0.5U	<1U	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-2B	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-2C	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-2D	10/8/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-4A	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	
EW-4B	10/9/2024	N	<1U	<0.5U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<1U	<						

U - not detected

D - sample was diluted
1 - detected but below

NC = no criteria

Bold indicates compound detected

Values in yellow cells exceed criteria

N/A - indicates reported value not provided by analyzing laboratory

Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.

ug/L = micrograms per liter

Attachment B
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

				67-64-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	156-59-2	1006-101-5	110-82-7	124-48-1	75-71-8	100-41-4	98-82-8	179601-23-1
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
				50	1	5	50	50	5	60	5	5	5	7	5	5	NC	NC	50	5	5	5	NC
Sample Description																							
		Date Collected	Sample Type																				
				ACETONE	BENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROMETHANE	CHLOROFORM	CHLOROMETHANE	Cis-1,2-Dichloroethylene	Cis-1,3-Dichloropropene	CYCLOHEXANE	DIBROMOCHLOROMETHANE	DICHLOROFLUOROMETHANE	ETHYLBENZENE	Isopropylbenzene (Cumene)	
BP-12B	10/9/2024	N	63	<1 U	<1 U	<1 U	<1 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-12C	10/9/2024	N	56	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-13B	10/9/2024	N	190	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-13C	10/9/2024	N	200	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-2A	10/8/2024	N	100	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-3B	10/8/2024	N	170	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	1.4	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-3C	10/8/2024	N	60	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	3.2	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-5B	10/9/2024	N	140	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
BP-3C	10/9/2024	N	370	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
DW-1	10/8/2024	N	370	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
DW-2	10/8/2024	FD	79	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
DW-2	10/8/2024	N	74	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-11D	10/9/2024	N	380 D	<2 U	<2 U	<1 U	<1 U	<2 U	<4 U	<10 U	<10 U	<2 U	<4 U	<4 U	<4 U	4.6 D	<1 U	<10 U	<1 U	<4 U	<2 U	<2 U	
EW-12D	10/9/2024	N	< 200 U	<4 U	<4 U	<2 U	<4 U	<8 U	<20 U	<20 U	<4 U	<8 U	<8 U	<8 U	<8 U	6.0 D	<2 U	<20 U	<2 U	<8 U	<4 U	<4 U	
EW-14D	10/9/2024	N	290	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-1A	10/8/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-1B	10/8/2024	N	80	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-1C	10/8/2024	N	100	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-2A	10/8/2024	N	110	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-3B	10/8/2024	N	88	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-2C	10/8/2024	N	550	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-2D	10/8/2024	N	220	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-4A	10/9/2024	N	180	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	22	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-4B	10/9/2024	N	330	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-4C	10/9/2024	N	190	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-4D	10/9/2024	N	130	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-5	10/8/2024	N	140	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
EW-7C	10/8/2024	N	360 D	<2 U	<2 U	<1 U	<2 U	<4 U	<10 U	<10 U	<2 U	<4 U	<4 U	<4 U	<4 U	3.1 D	<1 U	<10 U	<1 U	<4 U	<2 U	<2 U	
EW-7D	10/8/2024	N	77	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
LF-1	10/8/2024	N	240	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-30B-R	10/8/2024	N	110	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-10D	10/8/2024	N	100	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	6.1	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-11A	10/9/2024	N	170	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	54	<0.5 U	<5 U	<0.5 U	3.1	<1 U	<1 U	
MW-11B	10/9/2024	N	150	1.1	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	45	<0.5 U	<5 U	<0.5 U	5.0	<1 U	<1 U	
MW-5B	10/8/2024	N	170	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-6B	10/8/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	3.8	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-6C	10/8/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	1.5	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-6D	10/8/2024	FD	54	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	2.1	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	1.5	
MW-6D	10/8/2024	N	52	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	1.2	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	1.5	
MW-6E	10/8/2024	N	62	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	2.1	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-6F	10/8/2024	N	160	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-7B-R	10/8/2024	N	1500	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	2.4	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-8A	10/8/2024	N	300	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-8B	10/8/2024	N	92	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-8C	10/8/2024	N	110	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-9B	10/8/2024	N	200	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-9C	10/8/2024	N	320	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-36	10/3/2024	N	< 50 U	39	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	50	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-37	10/3/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	6.9	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-38	10/2/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-39	10/2/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-40	10/2/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U	<1 U	<2 U	<2 U	<2 U	<2 U	<1 U	<0.5 U	<5 U	<0.5 U	<2 U	<1 U	<1 U	
MW-CPC-41	10/2/2024	N	< 50 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<5 U	<5 U													

Notes:
U - not detected
D - sample was diluted
J - detected but below reporting limit
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
N/A - indicates reported value not provided by analyzing laboratory
Values in shaded cells exceed TOGS 1.1.1 Class GSA standard or guidance value.
uq/L - micrograms per liter

Attachment B
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OU5
Old Bethpage, NY

				79-20-9	78-93-3	108-10-1	108-87-2	75-09-2	91-20-3	104-51-8	103-65-1	95-47-6	135-98-8	100-42-5	1634-04-4	98-06-6	127-18-4	108-88-3	156-60-5	10061-02-6	79-01-6	75-69-4	75-01-4	1330-20-7				
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				
				NC	50	NC	NC	5	10	5	5	5	5	5	10	5	5	5	5	0.4	5	5	2	5				
Sample Description	Date Collected	Sample Type																										
			METHYL ACETATE	METHYL ETHYL KETONE (2-BUTANONE)	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	METHYLCYCLOHEXANE	METHYLENE CHLORIDE		Naphthalene	m-Buylbenzene	p-Propylbenzene	O-XYLENE (1,2-DIMETHYLBENZENE)	m-Buylbenzene	STYRENE	TEXT-BUTYL METHYL ETHER	p-tert-Buylbenzene	TETRACHLOROETHYLENE (PCE)	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRICHLOROETHYLENE (TCE)	TRICHLOROFUOROMETHANE	VINYL CHLORIDE	Xylenes (total)				
BP-12B	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-12C	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-13B	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-13C	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-3A	10/8/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-3B	10/8/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	3.2	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-3C	10/8/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	8.2	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
BP-5B	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
DW-1	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	1.3	<2 U	<2 U	<1 U				
DW-2	10/8/2024	FD	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
DW-2	10/8/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<0.5 U	<1 U	<2 U	<2 U	<1 U				
EW-11D	10/9/2024	N	<2 U	<40 U	<20 U	<2 U	<10 U	<4 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	47 D	<2 U	<2 U	<1 U	170 D	<4 U	<4 U	<2 U				
EW-12D	10/9/2024	N	<4 U	<80 U	<40 U	<4 U	<20 U	<8 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<4 U	<2 U	370 D	<8 U	<8 U	<4 U				
EW-14D	10/9/2024	N	<1 U	<20 U	<10 U	<1 U	<5 U	<2 U	<1 U	<1 U	<1 U	<1 U																

U - not detected
D - sample was diluted
J - detected but below reporting limit
NC - no criteria
Bold indicates compound detected
Values in yellow cells exceed criteria
N/A - indicates reported value not provided by analyzing laboratory
Values in shaded cells exceed TOGS 1.1.1 Class GA standard or guidance value.
ug/L - micrograms per liter

ATTACHMENT B1

SUMMARY OF EMERGING CONTAMINANT SAMPLES

Attachment B1
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:			763051-92-9	39108-34-4	27619-97-2	1691-99-2	24448-09-7	2355-31-9	13252-13-6	914637-49-3	812-70-4	356-02-5	919005-14-4	756426-58-1	4151-50-2	
Unit:			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
Criteria:																
Sample Description:																
Sample Description	Date Collected	Sample Type	11-Chlorotricosulfuro-3-Oxaundecane-1-Sulfonic Acid	1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	3-Perfluoroheptyl propanoic acid (7:3FTCA)	3-Perfluoropropyl propanoic acid (3:3 FTCA)	4,8-Dioxa-3H- perfluorononanoic acid (ADONA)	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	N-ethyl perfluoro-1-octanesulfonamide	
	MW-CPC-36	10/3/2024	N	< 3.6 U	14	38	< 9 U	< 9 U	< 0.9 U	< 3.6 U	< 45 U	< 45 U	< 9 U	< 3.6 U	< 3.6 U	< 0.9 U
	MW-CPC-37	10/3/2024	N	< 3.6 U	< 3.6 U	< 3.6 U	< 9.1 U	< 9.1 U	< 0.91 U	< 3.6 U	< 45 U	< 45 U	< 9.1 U	< 3.6 U	< 3.6 U	< 0.91 U
	MW-CPC-38	10/2/2024	N	< 3.9 U	< 3.9 U	4.6	< 9.9 U	< 9.9 U	< 0.99 U	< 3.9 U	< 49 U	< 49 U	< 9.9 U	< 3.9 U	< 3.9 U	< 0.99 U
	MW-CPC-39	10/2/2024	FD	< 4.1 U	< 4.1 U	< 4.1 U	< 10 U	< 10 U	< 1 U	< 4.1 U	< 51 U	< 51 U	< 10 U	< 4.1 U	< 4.1 U	< 1 U
	MW-CPC-39	10/2/2024	N	< 3.9 U	< 3.9 U	< 3.9 U	< 9.8 U	< 9.8 U	< 0.98 U	< 3.9 U	< 49 U	< 49 U	< 9.8 U	< 3.9 U	< 3.9 U	< 0.98 U
	MW-CPC-40	10/3/2024	N	< 3.7 U	< 3.7 U	< 3.7 U	< 9.3 U	< 9.3 U	< 0.93 U	< 3.7 U	< 47 U	< 47 U	< 9.3 U	< 3.7 U	< 3.7 U	< 0.93 U
	MW-CPC-41	10/2/2024	N	< 3.7 U	< 3.7 U	< 3.7 U	< 9.3 U	< 9.3 U	< 0.93 U	< 3.7 U	< 47 U	< 47 U	< 9.3 U	< 3.7 U	< 3.7 U	< 0.93 U

Notes:

U - not detected

NC - no criteria

NA - not analyzed

Bold indicates compound detected

Values in yellow cells exceed criteria

(a) NYSDEC TOGS (1.1.1), Updated February 2023.

ng/L - nanograms per liter

ug/L - micrograms per liter

PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.

B - Analyte is found in the associated laboratory blank as well as in the sample.

B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

Attachment B1
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:			2991-50-6	31506-32-8	151772-58-6	113507-82-7	377-73-1	863090-89-5	375-73-5	375-22-4	335-77-3	335-76-2	79780-39-5	307-55-1	375-92-8
Unit:			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l
Criteria:									100						
Sample Description:															
Sample Description	Date Collected	Sample Type	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	N-methyl perfluoro-1-octanesulfonamide	Nonafluoro-3,6-dioxahexanoic acid	Perfluoro (2-ethoxyethane)sulfonic acid	Perfluoro-3-methoxypropanoic acid	Perfluoro-4-methoxybutanoic acid	PERFLUOROBUTANESULFONIC ACID	PERFLUOROBUTYLIC ACID (PFBA)	PERFLUORODECANE SULFONIC ACID	PERFLUORODECANOIC ACID (PFDA)	Perfluorododecane sulfonate (PFDoS)	PERFLUORODODECANOIC ACID (PFDoA)	PERFLUOROHEPTANE SULFONATE (PFHpS)
MW-CPC-36	10/3/2024	N	< 0.9 U	< 0.9 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	7.1	26	< 0.9 U	3.3	< 0.9 U	< 0.9 U	3.3
MW-CPC-37	10/3/2024	N	< 0.91 U	< 0.91 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	3.4	20	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U	< 0.91 U
MW-CPC-38	10/2/2024	N	< 0.99 U	< 0.99 U	< 2 U	< 2 U	< 2 U	< 2 U	1.8	< 3.9 U	< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U
MW-CPC-39	10/2/2024	FD	< 1 U	< 1 U	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U	< 4.1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
MW-CPC-39	10/2/2024	N	< 0.98 U	< 0.98 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.98 U	< 3.9 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U
MW-CPC-40	10/3/2024	N	< 0.93 U	< 0.93 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 0.93 U	< 3.7 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U
MW-CPC-41	10/2/2024	N	< 0.93 U	< 0.93 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	1.9	15	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U

Notes:

U - not detected

NC - no criteria

NA - not analyzed

Bold indicates compound detected

Values in yellow cells exceed criteria

(a) NYSDEC TOGS (1.1.1), Updated February 2023.

ng/L - nanograms per liter

ug/L - micrograms per liter

PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.

B - Analyte is found in the associated laboratory blank as well as in the sample.

B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

Attachment B1
Summary of Analytical Results
October 2024 (4Q2024) Sampling Event
Claremont Polychemical Superfund Site OUS
Old Bethpage, NY

CAS RN:			375-85-9	355-46-4	307-24-4	68259-12-1	375-95-1	754-91-6	1763-23-1	335-67-1	2706-91-4	2706-90-3	376-06-7	72629-94-8	2058-94-8	757124-72-4		123-91-1
Unit:			ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ng/l	ug/l
Criteria:				100					2.7	6.7						100	NC	0.35
Sample Description:									(a.)	(a.)								(a.)
Sample Description	Date Collected	Sample Type	Perfluoroheptanoic Acid (PFHpA)	PERFLUOROHXANESULFONIC ACID	PERFLUOROHXANOIC ACID (PFHxA)	Perfluorononanesulfonic Acid (PFNS)	PERFLUORONONANOIC ACID	Perfluorooctane Sulfonamide (FOSA)	PERFLUOROOCTANE SULFONIC ACID (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluoropentanesulfonic Acid (PFPeS)	PERFLUOROPENTANOIC ACID (PFPeA)	PERFLUOROTETRADECANOIC ACID (PFTeA)	PERFLUOROTRIDECANOIC ACID (PFTriA)	PERFLUOROUNDECANOIC ACID (PFUnA)	Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	Total PFAS	1,4-DIOXANE (P-DIOXANE)
MW-CPC-36	10/3/2024	N	34	46	51	< 0.9 U	380	< 0.9 U	170	160	8.4	53	< 0.9 U	< 0.9 U	8.2	< 3.6 U	1002.3	6.1
MW-CPC-37	10/3/2024	N	6.6	7.3	14	< 0.91 U	< 0.91 U	< 0.91 U	28	64	4.6	6.9	< 0.91 U	< 0.91 U	< 0.91 U	< 3.6 U	154.8	19
MW-CPC-38	10/2/2024	N	< 0.99 U	< 0.99 U	0.99	< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U	< 2 U	< 0.99 U	< 0.99 U	< 0.99 U	< 3.9 U	47.39	0.74
MW-CPC-39	10/2/2024	FD	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 4.1 U	< 4.1 U	< 0.2 U
MW-CPC-39	10/2/2024	N	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 0.98 U	< 2 U	< 0.98 U	< 0.98 U	< 0.98 U	< 3.9 U	< 3.9 U	< 0.2 U
MW-CPC-40	10/3/2024	N	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 1.9 U	< 0.93 U	< 0.93 U	< 0.93 U	< 3.7 U	< 3.7 U	2.3
MW-CPC-41	10/2/2024	N	12	9.0	22	< 0.93 U	90	< 0.93 U	29	25	1.8	31	< 0.93 U	< 0.93 U	< 0.93 U	< 3.7 U	236.7	2.2

Notes:
U - not detected
NC - no criteria
NA - not analyzed
Bold indicates compound detected
Values in yellow cells exceed criteria
(a) NYSDC TOGS (1.1.1), Updated February 2023.
ng/L - nanograms per liter
ug/L - micrograms per liter
PF-22 - Qualifier ion ratio >150% of associated calibration. Detection is suspect.
B - Analyte is found in the associated laboratory blank as well as in the sample.
B-07 - Data is not affected by elevated level in laboratory blank since sample result is >10x level found in the blank.

ATTACHMENT C

LABORATORY DATA DELIVERABLES

November 5, 2024

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 24J0893

Enclosed are results of analyses for samples as received by the laboratory on October 4, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 11/5/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J0893

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

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-CPC-QC-20241003	24J0893-01	Trip Blank Water		SW-846 8260D	
MW-CPC-38-22-391-20241002-0	24J0893-02	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-41-22-258-20241002-0	24J0893-03	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-39-22-374-20241002-0	24J0893-04	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-39-22-374-20241002-1	24J0893-05	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-40-22-312-20241003-0	24J0893-06	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-40-22-312-20241003-2	24J0893-07	Equipment Blank Soil		Draft Method 1633	
MW-CPC-37-22-445-20241003-0	24J0893-08	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	
MW-CPC-36-22-251-20241003-0	24J0893-09	Ground Water		Draft Method 1633	
				SW-846 8260D	
				SW-846 8270E	

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

CASE NARRATIVE SUMMARY

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

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

Draft Method 1633**Qualifications:****D-04**

Sample extracted at a dilution due to insufficient volume provided.

Analyte & Samples(s) Qualified:

24J0893-05[MW-CPC-39-22-374-20241002-1], 24J0893-07[MW-CPC-40-22-312-20241003-2]

PF-18

Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:**13C4-PFBA**

24J0893-02[MW-CPC-38-22-391-20241002-0]

13C5-PFPeA

24J0893-02[MW-CPC-38-22-391-20241002-0]

3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTC^A)

24J0893-02[MW-CPC-38-22-391-20241002-0]

Perfluoro-3-methoxypropanoic acid (PFMPA)

24J0893-02[MW-CPC-38-22-391-20241002-0]

Perfluoro-4-methoxybutanoic acid (PFMBA)

24J0893-02[MW-CPC-38-22-391-20241002-0]

Perfluorobutanoic acid (PFBA)

24J0893-02[MW-CPC-38-22-391-20241002-0]

Perfluoropentanoic acid (PFPeA)

24J0893-02[MW-CPC-38-22-391-20241002-0]

PF-23

Qualifier ion ratio <50% of associated calibration. Detection is suspect.

Analyte & Samples(s) Qualified:**Perfluorobutanesulfonic acid (PFBS)**

24J0893-02[MW-CPC-38-22-391-20241002-0]

Perfluorohexanoic acid (PFHxA)

24J0893-02[MW-CPC-38-22-391-20241002-0]

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

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:**13C2-PFTeDA**

S113113-CCV3, S113113-CCV4, S113221-CCV2, S113221-CCV5, S113367-CCV2

13C4-PFBA

S113367-CCV2, S113367-CCV3

13C8-PFOSA

S113113-CCV3, S113221-CCV5, S113224-CCV2

D3-NMeFOSA

S113367-CCV2

D5-NEtFOSA

S113367-CCV2

D7-NMeFOSE

S113113-CCV4, S113224-CCV2, S113367-CCV2

D9-NEtFOSE

S113113-CCV4, S113367-CCV2

N-ethyl perfluorooctanesulfonamide (NEtFOSA)

S113367-CCV2

N-ethylperfluorooctanesulfonamidoethanol (NEtFOE)

S113113-CCV4, S113367-CCV2

N-methyl perfluorooctanesulfonamide (NMeFOSA)

S113367-CCV2

N-methylperfluorooctanesulfonamidoethanol(NMeF)

S113113-CCV4, S113224-CCV2, S113367-CCV2

Perfluorobutanoic acid (PFBA)

S113367-CCV2, S113367-CCV3

Perfluorooctanesulfonamide (PFOSA)

S113113-CCV3, S113221-CCV5, S113224-CCV2

Perfluorotetradecanoic acid (PFTeDA)

S113113-CCV3, S113113-CCV4, S113221-CCV2, S113221-CCV5, S113367-CCV2

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:**4,8-Dioxa-3H-perfluorononanoic acid (ADONA)**

S113367-CCV2

SW-846 8260D**Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**1,2,4-Trichlorobenzene**

24J0893-01[TB-CPC-QC-20241003], 24J0893-02[MW-CPC-38-22-391-20241002-0], 24J0893-03[MW-CPC-41-22-258-20241002-0], 24J0893-04[MW-CPC-39-22-374-20241002-0], 24J0893-05[MW-CPC-39-22-374-20241002-1], 24J0893-06[MW-CPC-40-22-312-20241003-0], 24J0893-08[MW-CPC-37-22-445-20241003-0], 24J0893-09[MW-CPC-36-22-251-20241003-0], B388563-BLK1, B388563-BS1, B388563-BSD1

L-07

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

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

B388563-BSD1

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

V-05

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

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

24J0893-01[TB-CPC-QC-20241003], 24J0893-02[MW-CPC-38-22-391-20241002-0], 24J0893-03[MW-CPC-41-22-258-20241002-0],
24J0893-04[MW-CPC-39-22-374-20241002-0], 24J0893-05[MW-CPC-39-22-374-20241002-1], 24J0893-06[MW-CPC-40-22-312-20241003-0],
24J0893-08[MW-CPC-37-22-445-20241003-0], 24J0893-09[MW-CPC-36-22-251-20241003-0], B388563-BLK1, B388563-BS1, B388563-BSD1, S 111967-CCV1

1,2,4-Trichlorobenzene

24J0893-01[TB-CPC-QC-20241003], 24J0893-02[MW-CPC-38-22-391-20241002-0], 24J0893-03[MW-CPC-41-22-258-20241002-0],
24J0893-04[MW-CPC-39-22-374-20241002-0], 24J0893-05[MW-CPC-39-22-374-20241002-1], 24J0893-06[MW-CPC-40-22-312-20241003-0],
24J0893-08[MW-CPC-37-22-445-20241003-0], 24J0893-09[MW-CPC-36-22-251-20241003-0], B388563-BLK1, B388563-BS1, B388563-BSD1, S 111967-CCV1

Naphthalene

24J0893-01[TB-CPC-QC-20241003], 24J0893-02[MW-CPC-38-22-391-20241002-0], 24J0893-03[MW-CPC-41-22-258-20241002-0],
24J0893-04[MW-CPC-39-22-374-20241002-0], 24J0893-05[MW-CPC-39-22-374-20241002-1], 24J0893-06[MW-CPC-40-22-312-20241003-0],
24J0893-08[MW-CPC-37-22-445-20241003-0], 24J0893-09[MW-CPC-36-22-251-20241003-0], B388563-BLK1, B388563-BS1, B388563-BSD1, S 111967-CCV1

V-20

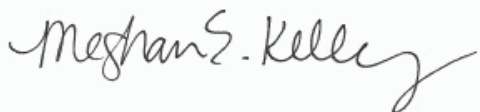
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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

B388563-BS1, B388563-BSD1, S111967-CCV1

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

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



Meghan E. Kelley
Reporting Specialist

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: TB-CPC-QC-20241003

Sampled: 10/3/2024 15:00

Sample ID: 24J0893-01

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	10/8/24	10/10/24 11:43	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 11:43	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: TB-CPC-QC-20241003

Sampled: 10/3/2024 15:00

Sample ID: 24J0893-01

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
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05, L-04	SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 11:43	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	106	70-130						10/10/24 11:43	
Toluene-d8	97.7	70-130						10/10/24 11:43	
4-Bromofluorobenzene	78.4	70-130						10/10/24 11:43	

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Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sampled: 10/2/2024 09:35

Sample ID: 24J0893-02

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	10/8/24	10/10/24 13:03	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:03	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sampled: 10/2/2024 09:35

Sample ID: 24J0893-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:03	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.3	70-130							
Toluene-d8	93.9	70-130							
4-Bromofluorobenzene	79.0	70-130							

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

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sample ID: 24J0893-02

Sample Matrix: Ground Water

Sample Description:

Sampled: 10/2/2024 09:35

Work Order: 24J0893

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.74	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 15:30	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8	29.0		15-110					10/12/24 15:30	

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Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sampled: 10/2/2024 09:35

Sample ID: 24J0893-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L	1	PF-18	Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1	PF-18	Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorohexanoic acid (PFHxA)	0.99	0.99	ng/L	1	PF-23	Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoroheptanoic acid (PFHpA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorooctanoic acid (PFOA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorononanoic acid (PFNA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorodecanoic acid (PFDA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorododecanoic acid (PFDoA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorobutanesulfonic acid (PFBS)	1.8	0.99	ng/L	1	PF-23	Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorooctanesulfonic acid (PFOS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	4.6	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-MeFOSAA (NMeFOSAA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-EtFOSAA (NEtFOSAA)	ND	0.99	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
11Cl-PF3OUs (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.9	ng/L	1	PF-18	Draft Method 1633	10/24/24	10/31/24 1:29	AB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1	PF-18	Draft Method 1633	10/24/24	10/31/24 1:29	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sampled: 10/2/2024 09:35

Sample ID: 24J0893-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1	PF-18	Draft Method 1633	10/24/24	10/31/24 1:29	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	10/24/24	10/31/24 1:29	AB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA	3.60	*	10-130		PF-18			10/31/24 1:29	
13C5-PFPeA	20.5	*	35-150		PF-18			10/31/24 1:29	
13C5-PFHxA	87.2		55-150					10/31/24 1:29	
13C4-PFHpA	89.8		55-150					10/31/24 1:29	
13C8-PFOA	92.1		60-140					10/31/24 1:29	
13C9-PFNA	95.9		55-140					10/31/24 1:29	
13C6-PFDA	93.6		50-140					10/31/24 1:29	
13C7-PFUnA	83.6		30-140					10/31/24 1:29	
13C2-PFDoA	88.7		10-150					10/31/24 1:29	
13C2-PFTeDA	70.9		10-130					10/31/24 1:29	
13C3-PFBS	99.1		55-150					10/31/24 1:29	
13C3-PFHxS	87.3		55-150					10/31/24 1:29	
13C8-PFOS	95.8		45-140					10/31/24 1:29	
13C2-4:2FTS	105		60-200					10/31/24 1:29	
13C2-6:2FTS	93.0		60-200					10/31/24 1:29	
13C2-8:2FTS	79.4		50-200					10/31/24 1:29	
13C8-PFOSA	97.7		30-130					10/31/24 1:29	
D3-NMeFOSA	78.3		15-130					10/31/24 1:29	
D5-NEtFOSA	78.3		10-130					10/31/24 1:29	
D3-NMeFOSAA	95.7		45-200					10/31/24 1:29	
D5-NEtFOSAA	97.1		10-200					10/31/24 1:29	
D7-NMeFOSE	72.8		10-150					10/31/24 1:29	
D9-NEtFOSE	65.1		10-150					10/31/24 1:29	
13C3-HFPO-DA	81.6		25-160					10/31/24 1:29	

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-38-22-391-20241002-0

Sample ID: 24J0893-02

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 09:35

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	40	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sampled: 10/2/2024 12:15

Sample ID: 24J0893-03

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	10/8/24	10/10/24 13:30	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:30	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sampled: 10/2/2024 12:15

Sample ID: 24J0893-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Tetrachloroethylene	5.4	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:30	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	114	70-130							
Toluene-d8	96.7	70-130							
4-Bromofluorobenzene	78.7	70-130							

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

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sample ID: 24J0893-03

Sample Matrix: Ground Water

Sample Description:

Sampled: 10/2/2024 12:15

Work Order: 24J0893

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.2	0.20	µg/L	1		SW-846 8270E	10/7/24	10/15/24 11:05	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	26.1	15-110						10/15/24 11:05	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sampled: 10/2/2024 12:15

Sample ID: 24J0893-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	15	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoropentanoic acid (PFPeA)	31	1.9	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorohexanoic acid (PFHxA)	22	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoroheptanoic acid (PFHpA)	12	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorooctanoic acid (PFOA)	25	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorononanoic acid (PFNA)	90	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorodecanoic acid (PFDA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoroundecanoic acid (PFUnA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorododecanoic acid (PFDoA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorobutanesulfonic acid (PFBS)	1.9	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoropentanesulfonic acid (PFPeS)	1.8	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorohexanesulfonic acid (PFHxS)	9.0	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorooctanesulfonic acid (PFOS)	29	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorononanesulfonic acid (PFNS)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-MeFOSAA (NMeFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-EtFOSAA (NEtFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.3	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.3	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
9Cl-PF3ONS (F53B Minor)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
11Cl-PF3OUs (F53B Major)	ND	3.7	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.3	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	47	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	47	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sampled: 10/2/2024 12:15

Sample ID: 24J0893-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	10/31/24	11/1/24 19:16	AMS
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	80.1	10-130							
13C5-PFPeA	72.0	35-150							
13C5-PFHxA	69.1	55-150							
13C4-PFHpA	70.0	55-150							
13C8-PFOA	71.8	60-140							
13C9-PFNA	72.0	55-140							
13C6-PFDA	73.3	50-140							
13C7-PFUnA	68.2	30-140							
13C2-PFDoA	66.3	10-150							
13C2-PFTeDA	58.7	10-130							
13C3-PFBS	80.5	55-150							
13C3-PFHxS	70.9	55-150							
13C8-PFOS	74.5	45-140							
13C2-4:2FTS	80.1	60-200							
13C2-6:2FTS	67.7	60-200							
13C2-8:2FTS	67.2	50-200							
13C8-PFOSA	62.9	30-130							
D3-NMeFOSA	57.5	15-130							
D5-NEtFOSA	59.8	10-130							
D3-NMeFOSAA	63.9	45-200							
D5-NEtFOSAA	64.7	10-200							
D7-NMeFOSE	62.6	10-150							
D9-NEtFOSE	60.0	10-150							
13C3-HFPO-DA	73.6	25-160							

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-41-22-258-20241002-0

Sample ID: 24J0893-03

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 12:15

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-04

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	10/8/24	10/10/24 13:57	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:57	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 13:57	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	111	70-130							
Toluene-d8	98.8	70-130							
4-Bromofluorobenzene	79.3	70-130							

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sample ID: 24J0893-04

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 14:45

Work Order: 24J0893

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 16:10	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	28.2	15-110						10/12/24 16:10	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorohexanoic acid (PFHxA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoroheptanoic acid (PFHpA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorooctanoic acid (PFOA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorobutanesulfonic acid (PFBS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorooctanesulfonic acid (PFOS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
11Cl-PF3OUs (F53B Major)	ND	3.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 2:13	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	70.2	10-130						10/30/24 2:13	
13C5-PFPeA	70.1	35-150						10/30/24 2:13	
13C5-PFHxA	68.9	55-150						10/30/24 2:13	
13C4-PFHpA	71.2	55-150						10/30/24 2:13	
13C8-PFOA	64.6	60-140						10/30/24 2:13	
13C9-PFNA	72.0	55-140						10/30/24 2:13	
13C6-PFDA	75.4	50-140						10/30/24 2:13	
13C7-PFUnA	62.3	30-140						10/30/24 2:13	
13C2-PFDoA	67.0	10-150						10/30/24 2:13	
13C2-PFTeDA	65.4	10-130						10/30/24 2:13	
13C3-PFBS	80.9	55-150						10/30/24 2:13	
13C3-PFHxS	72.9	55-150						10/30/24 2:13	
13C8-PFOS	69.2	45-140						10/30/24 2:13	
13C2-4:2FTS	76.1	60-200						10/30/24 2:13	
13C2-6:2FTS	74.6	60-200						10/30/24 2:13	
13C2-8:2FTS	61.2	50-200						10/30/24 2:13	
13C8-PFOA	63.4	30-130						10/30/24 2:13	
D3-NMeFOSA	51.6	15-130						10/30/24 2:13	
D5-NEtFOSA	53.8	10-130						10/30/24 2:13	
D3-NMeFOSAA	70.3	45-200						10/30/24 2:13	
D5-NEtFOSAA	73.1	10-200						10/30/24 2:13	
D7-NMeFOSE	63.0	10-150						10/30/24 2:13	
D9-NEtFOSE	59.0	10-150						10/30/24 2:13	
13C3-HFPO-DA	72.8	25-160						10/30/24 2:13	

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-0

Sample ID: 24J0893-04

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 14:45

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-05

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	10/8/24	10/10/24 14:23	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 14:23	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:23	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	113	70-130							
Toluene-d8	100	70-130							
4-Bromofluorobenzene	76.6	70-130							

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sample ID: 24J0893-05

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 14:45

Work Order: 24J0893

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 16:30	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	19.9	15-110						10/12/24 16:30	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-05

Sample Matrix: Ground Water

Sample Flags: D-04

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorohexanoic acid (PFHxA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorooctanoic acid (PFOA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorononanoic acid (PFNA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorodecanoic acid (PFDA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorododecanoic acid (PFDoA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-MeFOSAA (NMeFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-EtFOSAA (NEtFOSAA)	ND	1.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	10	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	10	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
9Cl-PF3ONS (F53B Minor)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
11Cl-PF3OUs (F53B Major)	ND	4.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	10	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	51	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	51	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sampled: 10/2/2024 14:45

Sample ID: 24J0893-05

Sample Matrix: Ground Water

Sample Flags: D-04

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:01	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	65.8	10-130						10/30/24 3:01	
13C5-PFPeA	68.0	35-150						10/30/24 3:01	
13C5-PFHxA	65.7	55-150						10/30/24 3:01	
13C4-PFHpA	69.5	55-150						10/30/24 3:01	
13C8-PFOA	63.9	60-140						10/30/24 3:01	
13C9-PFNA	69.4	55-140						10/30/24 3:01	
13C6-PFDA	71.8	50-140						10/30/24 3:01	
13C7-PFUnA	64.0	30-140						10/30/24 3:01	
13C2-PFDoA	65.4	10-150						10/30/24 3:01	
13C2-PFTeDA	70.8	10-130						10/30/24 3:01	
13C3-PFBS	80.3	55-150						10/30/24 3:01	
13C3-PFHxS	69.3	55-150						10/30/24 3:01	
13C8-PFOS	70.7	45-140						10/30/24 3:01	
13C2-4:2FTS	74.1	60-200						10/30/24 3:01	
13C2-6:2FTS	71.1	60-200						10/30/24 3:01	
13C2-8:2FTS	61.4	50-200						10/30/24 3:01	
13C8-PFOSA	63.6	30-130						10/30/24 3:01	
D3-NMeFOSA	50.9	15-130						10/30/24 3:01	
D5-NEtFOSA	52.4	10-130						10/30/24 3:01	
D3-NMeFOSAA	68.5	45-200						10/30/24 3:01	
D5-NEtFOSAA	70.8	10-200						10/30/24 3:01	
D7-NMeFOSE	63.2	10-150						10/30/24 3:01	
D9-NEtFOSE	56.9	10-150						10/30/24 3:01	
13C3-HFPO-DA	68.2	25-160						10/30/24 3:01	

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-39-22-374-20241002-1

Sample ID: 24J0893-05

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/2/2024 14:45

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

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	10/8/24	10/10/24 14:50	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,1-Dichloroethane	5.3	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,1-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 14:50	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,1,1-Trichloroethane	1.6	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Trichloroethylene	2.1	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 14:50	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	103	70-130							
Toluene-d8	94.2	70-130							
4-Bromofluorobenzene	75.3	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.3	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 16:50	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	24.0	15-110						10/12/24 16:50	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorohexanoic acid (PFHxA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoroheptanoic acid (PFHpA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorooctanoic acid (PFOA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorononanoic acid (PFNA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorodecanoic acid (PFDA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorododecanoic acid (PFDoA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorobutanesulfonic acid (PFBS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorooctanesulfonic acid (PFOS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-MeFOSAA (NMeFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-EtFOSAA (NEtFOSAA)	ND	0.93	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
9Cl-PF3ONS (F53B Minor)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
11Cl-PF3OUs (F53B Major)	ND	3.7	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	47	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	47	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:16	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	69.2	10-130						10/30/24 3:16	
13C5-PFPeA	68.1	35-150						10/30/24 3:16	
13C5-PFHxA	69.1	55-150						10/30/24 3:16	
13C4-PFHpA	69.3	55-150						10/30/24 3:16	
13C8-PFOA	67.7	60-140						10/30/24 3:16	
13C9-PFNA	76.2	55-140						10/30/24 3:16	
13C6-PFDA	72.8	50-140						10/30/24 3:16	
13C7-PFUnA	60.8	30-140						10/30/24 3:16	
13C2-PFDoA	62.4	10-150						10/30/24 3:16	
13C2-PFTeDA	61.8	10-130						10/30/24 3:16	
13C3-PFBS	83.5	55-150						10/30/24 3:16	
13C3-PFHxS	71.9	55-150						10/30/24 3:16	
13C8-PFOS	68.5	45-140						10/30/24 3:16	
13C2-4:2FTS	111	60-200						10/30/24 3:16	
13C2-6:2FTS	69.4	60-200						10/30/24 3:16	
13C2-8:2FTS	56.7	50-200						10/30/24 3:16	
13C8-PFOA	60.5	30-130						10/30/24 3:16	
D3-NMeFOSA	51.2	15-130						10/30/24 3:16	
D5-NEtFOSA	54.3	10-130						10/30/24 3:16	
D3-NMeFOSAA	65.6	45-200						10/30/24 3:16	
D5-NEtFOSAA	66.3	10-200						10/30/24 3:16	
D7-NMeFOSE	59.5	10-150						10/30/24 3:16	
D9-NEtFOSE	55.4	10-150						10/30/24 3:16	
13C3-HFPO-DA	69.2	25-160						10/30/24 3:16	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-0

Sampled: 10/3/2024 08:15

Sample ID: 24J0893-06

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-2

Sampled: 10/3/2024 09:15

Sample ID: 24J0893-07

Sample Matrix: Equipment Blank Soil

Sample Flags: D-04

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoropentanoic acid (PFPeA)	ND	2.2	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorohexanoic acid (PFHxA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoroheptanoic acid (PFHpA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorooctanoic acid (PFOA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorononanoic acid (PFNA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorodecanoic acid (PFDA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoroundecanoic acid (PFUnA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorododecanoic acid (PFDoA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorotridecanoic acid (PFTrDA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorobutanesulfonic acid (PFBS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoropentanesulfonic acid (PFPeS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorohexanesulfonic acid (PFHxS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorooctanesulfonic acid (PFOS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorononanesulfonic acid (PFNS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorodecanesulfonic acid (PFDS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluorooctanesulfonamide (PFOSA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-MeFOSAA (NMeFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-EtFOSAA (NEtFOSAA)	ND	1.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	11	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	11	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
9Cl-PF3ONS (F53B Minor)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
11Cl-PF3OUDS (F53B Major)	ND	4.3	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	11	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	54	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	54	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.2	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.2	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-2

Sampled: 10/3/2024 09:15

Sample ID: 24J0893-07

Sample Matrix: Equipment Blank Soil

Sample Flags: D-04

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.2	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.2	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:32	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	68.2	10-130						10/30/24 3:32	
13C5-PFPeA	71.8	35-150						10/30/24 3:32	
13C5-PFHxA	69.0	55-150						10/30/24 3:32	
13C4-PFHpA	74.3	55-150						10/30/24 3:32	
13C8-PFOA	70.5	60-140						10/30/24 3:32	
13C9-PFNA	77.6	55-140						10/30/24 3:32	
13C6-PFDA	76.2	50-140						10/30/24 3:32	
13C7-PFUnA	62.7	30-140						10/30/24 3:32	
13C2-PFDoA	67.8	10-150						10/30/24 3:32	
13C2-PFTeDA	67.0	10-130						10/30/24 3:32	
13C3-PFBS	80.7	55-150						10/30/24 3:32	
13C3-PFHxS	70.5	55-150						10/30/24 3:32	
13C8-PFOS	72.7	45-140						10/30/24 3:32	
13C2-4:2FTS	79.8	60-200						10/30/24 3:32	
13C2-6:2FTS	73.1	60-200						10/30/24 3:32	
13C2-8:2FTS	63.1	50-200						10/30/24 3:32	
13C8-PFOSA	74.7	30-130						10/30/24 3:32	
D3-NMeFOSA	60.5	15-130						10/30/24 3:32	
D5-NEtFOSA	68.8	10-130						10/30/24 3:32	
D3-NMeFOSAA	81.1	45-200						10/30/24 3:32	
D5-NEtFOSAA	82.0	10-200						10/30/24 3:32	
D7-NMeFOSE	72.9	10-150						10/30/24 3:32	
D9-NEtFOSE	66.7	10-150						10/30/24 3:32	
13C3-HFPO-DA	72.8	25-160						10/30/24 3:32	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-40-22-312-20241003-2

Sampled: 10/3/2024 09:15

Sample ID: 24J0893-07

Sample Matrix: Equipment Blank Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sampled: 10/3/2024 11:15

Sample ID: 24J0893-08

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	10/8/24	10/10/24 15:17	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,1-Dichloroethane	2.1	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
cis-1,2-Dichloroethylene	6.8	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 15:17	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sampled: 10/3/2024 11:15

Sample ID: 24J0893-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:17	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	101	70-130							
Toluene-d8	91.9	70-130							
4-Bromofluorobenzene	81.1	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sampled: 10/3/2024 11:15

Sample ID: 24J0893-08

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	19	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 17:09	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	29.1	15-110						10/12/24 17:09	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sampled: 10/3/2024 11:15

Sample ID: 24J0893-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	20	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoropentanoic acid (PFPeA)	6.9	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorohexanoic acid (PFHxA)	14	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoroheptanoic acid (PFHpA)	6.6	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorooctanoic acid (PFOA)	64	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorononanoic acid (PFNA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorodecanoic acid (PFDA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoroundecanoic acid (PFUnA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorododecanoic acid (PFDoA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorobutanesulfonic acid (PFBS)	3.4	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoropentanesulfonic acid (PFPeS)	4.6	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorohexanesulfonic acid (PFHxS)	7.3	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorooctanesulfonic acid (PFOS)	28	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-MeFOSAA (NMeFOSAA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-EtFOSAA (NEtFOSAA)	ND	0.91	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
11Cl-PF3OUDS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.1	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sampled: 10/3/2024 11:15

Sample ID: 24J0893-08

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 3:48	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	78.3	10-130						10/30/24 3:48	
13C5-PFPeA	71.8	35-150						10/30/24 3:48	
13C5-PFHxA	71.1	55-150						10/30/24 3:48	
13C4-PFHpA	72.6	55-150						10/30/24 3:48	
13C8-PFOA	68.7	60-140						10/30/24 3:48	
13C9-PFNA	76.7	55-140						10/30/24 3:48	
13C6-PFDA	75.2	50-140						10/30/24 3:48	
13C7-PFUnA	64.4	30-140						10/30/24 3:48	
13C2-PFDoA	67.2	10-150						10/30/24 3:48	
13C2-PFTeDA	67.2	10-130						10/30/24 3:48	
13C3-PFBS	80.8	55-150						10/30/24 3:48	
13C3-PFHxS	71.2	55-150						10/30/24 3:48	
13C8-PFOS	69.9	45-140						10/30/24 3:48	
13C2-4:2FTS	74.7	60-200						10/30/24 3:48	
13C2-6:2FTS	66.8	60-200						10/30/24 3:48	
13C2-8:2FTS	60.0	50-200						10/30/24 3:48	
13C8-PFOSA	67.9	30-130						10/30/24 3:48	
D3-NMeFOSA	55.3	15-130						10/30/24 3:48	
D5-NEtFOSA	59.5	10-130						10/30/24 3:48	
D3-NMeFOSAA	69.9	45-200						10/30/24 3:48	
D5-NEtFOSAA	68.6	10-200						10/30/24 3:48	
D7-NMeFOSE	66.1	10-150						10/30/24 3:48	
D9-NEtFOSE	60.2	10-150						10/30/24 3:48	
13C3-HFPO-DA	74.1	25-160						10/30/24 3:48	

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-37-22-445-20241003-0

Sample ID: 24J0893-08

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/3/2024 11:15

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sampled: 10/3/2024 14:10

Sample ID: 24J0893-09

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	10/8/24	10/10/24 15:44	MFF
Benzene	39	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,1-Dichloroethane	1.0	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,1-Dichloroethylene	2.4	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
cis-1,2-Dichloroethylene	50	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 15:44	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sampled: 10/3/2024 14:10

Sample ID: 24J0893-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Tetrachloroethylene	54	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	L-04, V-05	SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,1,1-Trichloroethane	2.0	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Trichloroethylene	7.9	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/8/24	10/10/24 15:44	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	103	70-130							
Toluene-d8	86.1	70-130							
4-Bromofluorobenzene	75.7	70-130							

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sample ID: 24J0893-09

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/3/2024 14:10

Work Order: 24J0893

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	6.1	0.20	µg/L	1		SW-846 8270E	10/7/24	10/12/24 17:29	GJB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
1,4-Dioxane-d8	29.7	15-110						10/12/24 17:29	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sampled: 10/3/2024 14:10

Sample ID: 24J0893-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	26	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoropentanoic acid (PFPeA)	53	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorohexanoic acid (PFHxA)	51	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoroheptanoic acid (PFHpA)	34	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorooctanoic acid (PFOA)	160	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorononanoic acid (PFNA)	380	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorodecanoic acid (PFDA)	3.3	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoroundecanoic acid (PFUnA)	8.2	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorododecanoic acid (PFDoA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorotridecanoic acid (PFTrDA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorotetradecanoic acid (PFTeDA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorobutanesulfonic acid (PFBS)	7.1	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoropentanesulfonic acid (PFPeS)	8.4	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorohexanesulfonic acid (PFHxS)	46	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoroheptanesulfonic acid (PFHpS)	3.3	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorooctanesulfonic acid (PFOS)	170	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorononanesulfonic acid (PFNS)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorodecanesulfonic acid (PFDS)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorododecanesulfonic acid (PFDoS)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	38	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	14	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluorooctanesulfonamide (PFOSA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-MeFOSAA (NMeFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-EtFOSAA (NEtFOSAA)	ND	0.90	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
9Cl-PF3ONS (F53B Minor)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
11Cl-PF3OUDS (F53B Major)	ND	3.6	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.0	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	45	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	45	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J0893

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sampled: 10/3/2024 14:10

Sample ID: 24J0893-09

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		Draft Method 1633	10/28/24	10/30/24 4:03	AB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
13C4-PFBA	72.0	10-130						10/30/24 4:03	
13C5-PFPeA	62.9	35-150						10/30/24 4:03	
13C5-PFHxA	62.4	55-150						10/30/24 4:03	
13C4-PFHpA	64.9	55-150						10/30/24 4:03	
13C8-PFOA	61.5	60-140						10/30/24 4:03	
13C9-PFNA	70.6	55-140						10/30/24 4:03	
13C6-PFDA	67.8	50-140						10/30/24 4:03	
13C7-PFUnA	60.7	30-140						10/30/24 4:03	
13C2-PFDoA	64.2	10-150						10/30/24 4:03	
13C2-PFTeDA	63.4	10-130						10/30/24 4:03	
13C3-PFBS	78.2	55-150						10/30/24 4:03	
13C3-PFHxS	64.2	55-150						10/30/24 4:03	
13C8-PFOS	66.9	45-140						10/30/24 4:03	
13C2-4:2FTS	86.1	60-200						10/30/24 4:03	
13C2-6:2FTS	68.0	60-200						10/30/24 4:03	
13C2-8:2FTS	55.6	50-200						10/30/24 4:03	
13C8-PFOSA	62.7	30-130						10/30/24 4:03	
D3-NMeFOSA	52.4	15-130						10/30/24 4:03	
D5-NEtFOSA	56.5	10-130						10/30/24 4:03	
D3-NMeFOSAA	76.3	45-200						10/30/24 4:03	
D5-NEtFOSAA	77.9	10-200						10/30/24 4:03	
D7-NMeFOSE	65.3	10-150						10/30/24 4:03	
D9-NEtFOSE	60.4	10-150						10/30/24 4:03	
13C3-HFPO-DA	60.8	25-160						10/30/24 4:03	

Project Location: Old Bethpage, New York

Date Received: 10/4/2024

Field Sample #: MW-CPC-36-22-251-20241003-0

Sample ID: 24J0893-09

Sample Matrix: Ground Water

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

Sample Description:

Sampled: 10/3/2024 14:10

Work Order: 24J0893

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Suspended Solids	ND	10	mg/L	1		Draft Method 1633	10/8/24	10/8/24 13:25	LL

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

Sample Extraction Data**Draft Method 1633**

Lab Number [Field ID]	Batch	Initial [mL]	Date	
24J0893-02 [MW-CPC-38-22-391-20241002-0]	B388547	50.0	10/08/24	
24J0893-03 [MW-CPC-41-22-258-20241002-0]	B388547	50.0	10/08/24	
24J0893-04 [MW-CPC-39-22-374-20241002-0]	B388547	50.0	10/08/24	
24J0893-05 [MW-CPC-39-22-374-20241002-1]	B388547	50.0	10/08/24	
24J0893-06 [MW-CPC-40-22-312-20241003-0]	B388547	50.0	10/08/24	
24J0893-07 [MW-CPC-40-22-312-20241003-2]	B388547	50.0	10/08/24	
24J0893-08 [MW-CPC-37-22-445-20241003-0]	B388547	50.0	10/08/24	
24J0893-09 [MW-CPC-36-22-251-20241003-0]	B388547	50.0	10/08/24	

Prep Method:Draft Method 1633 **Analytical Method:**Draft Method 1633 **Leachates were extracted on 10/8/2024 per NO PREP in Batch B388547**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-02 [MW-CPC-38-22-391-20241002-0]	B390174	508	5.00	10/24/24

Prep Method:Draft Method 1633 **Analytical Method:**Draft Method 1633 **Leachates were extracted on 10/8/2024 per NO PREP in Batch B388547**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-04 [MW-CPC-39-22-374-20241002-0]	B390327	511	5.00	10/28/24
24J0893-05 [MW-CPC-39-22-374-20241002-1]	B390327	492	5.00	10/28/24
24J0893-06 [MW-CPC-40-22-312-20241003-0]	B390327	537	5.00	10/28/24
24J0893-07 [MW-CPC-40-22-312-20241003-2]	B390327	464	5.00	10/28/24
24J0893-08 [MW-CPC-37-22-445-20241003-0]	B390327	552	5.00	10/28/24
24J0893-09 [MW-CPC-36-22-251-20241003-0]	B390327	557	5.00	10/28/24

Prep Method:Draft Method 1633 **Analytical Method:**Draft Method 1633 **Leachates were extracted on 10/8/2024 per NO PREP in Batch B388547**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-03RE1 [MW-CPC-41-22-258-20241002-0]	B390922	537	5.00	10/31/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-01 [TB-CPC-QC-20241003]	B388563	5	5.00	10/08/24
24J0893-02 [MW-CPC-38-22-391-20241002-0]	B388563	5	5.00	10/08/24
24J0893-03 [MW-CPC-41-22-258-20241002-0]	B388563	5	5.00	10/08/24
24J0893-04 [MW-CPC-39-22-374-20241002-0]	B388563	5	5.00	10/08/24
24J0893-05 [MW-CPC-39-22-374-20241002-1]	B388563	5	5.00	10/08/24
24J0893-06 [MW-CPC-40-22-312-20241003-0]	B388563	5	5.00	10/08/24
24J0893-08 [MW-CPC-37-22-445-20241003-0]	B388563	5	5.00	10/08/24
24J0893-09 [MW-CPC-36-22-251-20241003-0]	B388563	5	5.00	10/08/24

Prep Method:SW-846 3510C **Analytical Method:**SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-02 [MW-CPC-38-22-391-20241002-0]	B388512	990	1.00	10/07/24
24J0893-03 [MW-CPC-41-22-258-20241002-0]	B388512	1000	1.00	10/07/24
24J0893-04 [MW-CPC-39-22-374-20241002-0]	B388512	990	1.00	10/07/24
24J0893-05 [MW-CPC-39-22-374-20241002-1]	B388512	990	1.00	10/07/24
24J0893-06 [MW-CPC-40-22-312-20241003-0]	B388512	1020	1.00	10/07/24

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

Sample Extraction Data

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J0893-08 [MW-CPC-37-22-445-20241003-0]	B388512	1020	1.00	10/07/24
24J0893-09 [MW-CPC-36-22-251-20241003-0]	B388512	1020	1.00	10/07/24

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch B388563 - SW-846 5030B
Blank (B388563-BLK1)

Prepared: 10/08/24 Analyzed: 10/10/24

Acetone	ND	50	µg/L						
Benzene	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						
n-Butylbenzene	ND	1.0	µg/L						
sec-Butylbenzene	ND	1.0	µg/L						
tert-Butylbenzene	ND	1.0	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						
Chloroform	ND	2.0	µg/L						
Chloromethane	ND	2.0	µg/L						
Cyclohexane	ND	5.0	µg/L						
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L						
1,2-Dibromoethane (EDB)	ND	0.50	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						
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						
cis-1,3-Dichloropropene	ND	0.50	µg/L						
trans-1,3-Dichloropropene	ND	0.50	µg/L						
Ethylbenzene	ND	1.0	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						
Methyl Cyclohexane	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						V-05
n-Propylbenzene	ND	1.0	µg/L						
Styrene	ND	1.0	µg/L						
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L						
Tetrachloroethylene	ND	1.0	µg/L						
Toluene	ND	1.0	µg/L						
1,2,3-Trichlorobenzene	ND	5.0	µg/L						V-05
1,2,4-Trichlorobenzene	ND	1.0	µg/L						L-04, V-05
1,1,1-Trichloroethane	ND	1.0	µg/L						
1,1,2-Trichloroethane	ND	1.0	µg/L						
Trichloroethylene	ND	1.0	µg/L						

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B388563 - SW-846 5030B
Blank (B388563-BLK1)

Prepared: 10/08/24 Analyzed: 10/10/24

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							
Xylenes (total)	ND	1.0	µg/L							

Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.5	70-130			
Surrogate: Toluene-d8	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	19.9		µg/L	25.00		79.6	70-130			

LCS (B388563-BS1)

Prepared: 10/08/24 Analyzed: 10/10/24

Acetone	105	50	µg/L	100.0		105	70-160			†
Benzene	10.7	1.0	µg/L	10.00		107	70-130			
Bromochloromethane	12.1	1.0	µg/L	10.00		121	70-130			
Bromodichloromethane	11.6	0.50	µg/L	10.00		116	70-130			
Bromoform	8.97	1.0	µg/L	10.00		89.7	70-130			
Bromomethane	14.0	2.0	µg/L	10.00		140	40-160	V-20	†	
2-Butanone (MEK)	115	20	µg/L	100.0		115	40-160			†
n-Butylbenzene	9.13	1.0	µg/L	10.00		91.3	70-130			
sec-Butylbenzene	9.76	1.0	µg/L	10.00		97.6	70-130			
tert-Butylbenzene	9.17	1.0	µg/L	10.00		91.7	70-130			
Carbon Disulfide	114	5.0	µg/L	100.0		114	70-130			
Carbon Tetrachloride	9.21	5.0	µg/L	10.00		92.1	70-130			
Chlorobenzene	11.6	1.0	µg/L	10.00		116	70-130			
Chlorodibromomethane	10.4	0.50	µg/L	10.00		104	70-130			
Chloroethane	10.8	2.0	µg/L	10.00		108	70-130			
Chloroform	11.2	2.0	µg/L	10.00		112	70-130			
Chloromethane	8.99	2.0	µg/L	10.00		89.9	40-160			†
Cyclohexane	10.6	5.0	µg/L	10.00		106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.64	5.0	µg/L	10.00		86.4	70-130			
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130			
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,4-Dichlorobenzene	11.4	1.0	µg/L	10.00		114	70-130			
Dichlorodifluoromethane (Freon 12)	9.44	2.0	µg/L	10.00		94.4	40-160			†
1,1-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
1,2-Dichloroethane	11.6	1.0	µg/L	10.00		116	70-130			
1,1-Dichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
1,2-Dichloropropane	11.2	1.0	µg/L	10.00		112	70-130			
cis-1,3-Dichloropropene	9.83	0.50	µg/L	10.00		98.3	70-130			
trans-1,3-Dichloropropene	9.37	0.50	µg/L	10.00		93.7	70-130			
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
2-Hexanone (MBK)	95.4	10	µg/L	100.0		95.4	70-160			†
Isopropylbenzene (Cumene)	9.55	1.0	µg/L	10.00		95.5	70-130			
p-Isopropyltoluene (p-Cymene)	9.61	1.0	µg/L	10.00		96.1	70-130			
Methyl Acetate	12.4	1.0	µg/L	10.00		124	70-130			
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.00		102	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
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Batch B388563 - SW-846 5030B
LCS (B388563-BS1)

Prepared: 10/08/24 Analyzed: 10/10/24

Methyl Cyclohexane	10.7	1.0	µg/L	10.00		107	70-130			
Methylene Chloride	10.4	5.0	µg/L	10.00		104	70-130			
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100.0		103	70-160			†
Naphthalene	4.06	2.0	µg/L	10.00		40.6	40-130			V-05 †
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Styrene	9.93	1.0	µg/L	10.00		99.3	70-130			
1,1,2,2-Tetrachloroethane	11.1	0.50	µg/L	10.00		111	70-130			
Tetrachloroethylene	11.5	1.0	µg/L	10.00		115	70-130			
Toluene	11.8	1.0	µg/L	10.00		118	70-130			
1,2,3-Trichlorobenzene	7.97	5.0	µg/L	10.00		79.7	70-130			V-05
1,2,4-Trichlorobenzene	6.38	1.0	µg/L	10.00		63.8 *	70-130			L-04, V-05
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	11.9	1.0	µg/L	10.00		119	70-130			
Trichloroethylene	11.2	1.0	µg/L	10.00		112	70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.00		110	70-130			
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.00		108	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1	1.0	µg/L	10.00		111	70-130			
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Vinyl Chloride	10.1	2.0	µg/L	10.00		101	40-160			†
m+p Xylene	21.3	2.0	µg/L	20.00		106	70-130			
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130			
Xylenes (total)	31.4	1.0	µg/L	30.00		104	0-200			
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.00		98.9	70-130			
Surrogate: Toluene-d8	27.2		µg/L	25.00		109	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.4	70-130			

LCS Dup (B388563-BSD1)

Prepared: 10/08/24 Analyzed: 10/10/24

Acetone	89.0	50	µg/L	100.0		89.0	70-160	16.7	25	†
Benzene	10.8	1.0	µg/L	10.00		108	70-130	0.465	25	
Bromochloromethane	12.1	1.0	µg/L	10.00		121	70-130	0.578	25	
Bromodichloromethane	11.6	0.50	µg/L	10.00		116	70-130	0.0865	25	
Bromoform	8.66	1.0	µg/L	10.00		86.6	70-130	3.52	25	
Bromomethane	14.6	2.0	µg/L	10.00		146	40-160	4.19	25	V-20 †
2-Butanone (MEK)	95.7	20	µg/L	100.0		95.7	40-160	18.6	25	†
n-Butylbenzene	9.30	1.0	µg/L	10.00		93.0	70-130	1.84	25	
sec-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130	4.80	25	
tert-Butylbenzene	9.90	1.0	µg/L	10.00		99.0	70-130	7.66	25	
Carbon Disulfide	113	5.0	µg/L	100.0		113	70-130	0.406	25	
Carbon Tetrachloride	9.97	5.0	µg/L	10.00		99.7	70-130	7.92	25	
Chlorobenzene	12.0	1.0	µg/L	10.00		120	70-130	3.23	25	
Chlorodibromomethane	10.4	0.50	µg/L	10.00		104	70-130	0.385	25	
Chloroethane	10.6	2.0	µg/L	10.00		106	70-130	2.15	25	
Chloroform	11.4	2.0	µg/L	10.00		114	70-130	1.77	25	
Chloromethane	9.42	2.0	µg/L	10.00		94.2	40-160	4.67	25	†
Cyclohexane	11.1	5.0	µg/L	10.00		111	70-130	4.61	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.18	5.0	µg/L	10.00		81.8	70-130	5.47	25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130	5.16	25	
1,2-Dichlorobenzene	11.6	1.0	µg/L	10.00		116	70-130	6.06	25	
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.00		115	70-130	3.35	25	
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.00		111	70-130	2.59	25	
Dichlorodifluoromethane (Freon 12)	9.88	2.0	µg/L	10.00		98.8	40-160	4.55	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 B388563 - SW-846 5030B										
LCS Dup (B388563-BSD1)										
Prepared: 10/08/24 Analyzed: 10/10/24										
1,1-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130	0.277	25	
1,2-Dichloroethane	11.2	1.0	µg/L	10.00		112	70-130	3.61	25	
1,1-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	1.62	25	
cis-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130	0.637	25	
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.00		102	70-130	0.783	25	
1,2-Dichloropropane	11.5	1.0	µg/L	10.00		115	70-130	2.64	25	
cis-1,3-Dichloropropene	9.98	0.50	µg/L	10.00		99.8	70-130	1.51	25	
trans-1,3-Dichloropropene	9.03	0.50	µg/L	10.00		90.3	70-130	3.70	25	
Ethylbenzene	10.7	1.0	µg/L	10.00		107	70-130	2.74	25	
2-Hexanone (MBK)	78.2	10	µg/L	100.0		78.2	70-160	19.8	25	†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.00		101	70-130	5.70	25	
p-Isopropyltoluene (p-Cymene)	9.97	1.0	µg/L	10.00		99.7	70-130	3.68	25	
Methyl Acetate	11.2	1.0	µg/L	10.00		112	70-130	10.3	25	
Methyl tert-Butyl Ether (MTBE)	9.67	1.0	µg/L	10.00		96.7	70-130	5.73	25	
Methyl Cyclohexane	10.9	1.0	µg/L	10.00		109	70-130	2.31	25	
Methylene Chloride	10.4	5.0	µg/L	10.00		104	70-130	0.385	25	
4-Methyl-2-pentanone (MIBK)	87.9	10	µg/L	100.0		87.9	70-160	15.4	25	†
Naphthalene	3.39	2.0	µg/L	10.00		33.9	* 40-130	18.0	25	L-07, V-05 †
n-Propylbenzene	10.5	1.0	µg/L	10.00		105	70-130	2.80	25	
Styrene	9.96	1.0	µg/L	10.00		99.6	70-130	0.302	25	
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.00		106	70-130	4.89	25	
Tetrachloroethylene	11.9	1.0	µg/L	10.00		119	70-130	3.67	25	
Toluene	11.8	1.0	µg/L	10.00		118	70-130	0.0849	25	
1,2,3-Trichlorobenzene	7.00	5.0	µg/L	10.00		70.0	70-130	13.0	25	V-05
1,2,4-Trichlorobenzene	6.29	1.0	µg/L	10.00		62.9	* 70-130	1.42	25	L-04, V-05
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130	0.921	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130	3.07	25	
Trichloroethylene	11.4	1.0	µg/L	10.00		114	70-130	1.86	25	
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.00		112	70-130	2.44	25	
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.00		108	70-130	0.648	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3	1.0	µg/L	10.00		113	70-130	1.88	25	
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.597	25	
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130	3.65	25	
Vinyl Chloride	10.4	2.0	µg/L	10.00		104	40-160	2.24	25	†
m+p Xylene	21.7	2.0	µg/L	20.00		109	70-130	2.09	25	
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130	0.496	25	
Xylenes (total)	31.8	1.0	µg/L	30.00		106	0-200	1.58		
Surrogate: 1,2-Dichloroethane-d4	23.1		µg/L	25.00		92.5	70-130			
Surrogate: Toluene-d8	26.9		µg/L	25.00		108	70-130			
Surrogate: 4-Bromofluorobenzene	24.0		µg/L	25.00		96.1	70-130			

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QUALITY CONTROL
1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Notes
Batch B388512 - SW-846 3510C								
Blank (B388512-BLK1)				Prepared: 10/07/24 Analyzed: 10/12/24				
1,4-Dioxane	ND	0.20	µg/L					
Surrogate: 1,4-Dioxane-d8	2.69		µg/L	10.00		26.9	15-110	
LCS (B388512-BS1)				Prepared: 10/07/24 Analyzed: 10/12/24				
1,4-Dioxane	9.33	0.20	µg/L	10.00		93.3	40-140	
Surrogate: 1,4-Dioxane-d8	2.77		µg/L	10.00		27.7	15-110	
LCS Dup (B388512-BSD1)				Prepared: 10/07/24 Analyzed: 10/12/24				
1,4-Dioxane	10.1	0.20	µg/L	10.00		101	40-140	7.59 30
Surrogate: 1,4-Dioxane-d8	2.91		µg/L	10.00		29.1	15-110	

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B390174 - Draft Method 1633										
Blank (B390174-BLK1)				Prepared & Analyzed: 10/24/24						
Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.97	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	0.97	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.97	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.97	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.97	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.97	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.97	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	0.97	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.97	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.97	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.97	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.97	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.97	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.97	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.97	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.97	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.97	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	0.97	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.97	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.97	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.97	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.97	ng/L							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.7	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.7	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L							
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.7	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	1.9	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.9	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.9	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L							
Surrogate: 13C4-PFBA	77.9		ng/L	97.34		80.0	10-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390174 - Draft Method 1633
Blank (B390174-BLK1)

Prepared & Analyzed: 10/24/24

Surrogate: 13C5-PFPeA	34.8		ng/L	48.67		71.5	35-150			
Surrogate: 13C5-PFHxA	16.5		ng/L	24.33		67.8	55-150			
Surrogate: 13C4-PFHpA	16.5		ng/L	24.33		67.7	55-150			
Surrogate: 13C8-PFOA	15.5		ng/L	24.33		63.8	60-140			
Surrogate: 13C9-PFNA	8.53		ng/L	12.17		70.1	55-140			
Surrogate: 13C6-PFDA	8.94		ng/L	12.17		73.5	50-140			
Surrogate: 13C7-PFUnA	7.94		ng/L	12.17		65.3	30-140			
Surrogate: 13C2-PFDoA	8.31		ng/L	12.17		68.3	10-150			
Surrogate: 13C2-PFTeDA	8.14		ng/L	12.17		66.9	10-130			
Surrogate: 13C3-PFBS	19.1		ng/L	24.33		78.5	55-150			
Surrogate: 13C3-PFHxS	16.5		ng/L	24.33		67.8	55-150			
Surrogate: 13C8-PFOS	16.9		ng/L	24.33		69.5	45-140			
Surrogate: 13C2-4:2FTS	38.7		ng/L	48.67		79.5	60-200			
Surrogate: 13C2-6:2FTS	36.8		ng/L	48.67		75.5	60-200			
Surrogate: 13C2-8:2FTS	31.1		ng/L	48.67		63.9	50-200			
Surrogate: 13C8-PFOA	15.3		ng/L	24.33		62.8	30-130			
Surrogate: D3-NMeFOSA	12.5		ng/L	24.33		51.2	15-130			
Surrogate: D5-NEtFOSA	13.4		ng/L	24.33		55.0	10-130			
Surrogate: D3-NMeFOSAA	34.7		ng/L	48.67		71.3	45-200			
Surrogate: D5-NEtFOSAA	33.6		ng/L	48.67		69.1	10-200			
Surrogate: D7-NMeFOSE	147		ng/L	243.3		60.3	10-150			
Surrogate: D9-NEtFOSE	142		ng/L	243.3		58.2	10-150			
Surrogate: 13C3-HFPO-DA	68.4		ng/L	97.34		70.2	25-160			

LCS (B390174-BS1)

Prepared & Analyzed: 10/24/24

Perfluorobutanoic acid (PFBA)	113	3.9	ng/L	94.62		119	58-148			
Perfluoropentanoic acid (PFPeA)	55.3	2.0	ng/L	47.31		117	54-152			
Perfluorohexanoic acid (PFHxA)	29.1	0.99	ng/L	23.65		123	55-152			
Perfluoroheptanoic acid (PFHpA)	26.9	0.99	ng/L	23.65		114	54-154			
Perfluorooctanoic acid (PFOA)	29.6	0.99	ng/L	23.65		125	52-161			
Perfluorononanoic acid (PFNA)	26.4	0.99	ng/L	23.65		112	59-149			
Perfluorodecanoic acid (PFDA)	25.8	0.99	ng/L	23.65		109	52-147			
Perfluoroundecanoic acid (PFUnA)	30.1	0.99	ng/L	23.65		127	48-159			
Perfluorododecanoic acid (PFDoA)	28.6	0.99	ng/L	23.65		121	64-142			
Perfluorotridecanoic acid (PFTTrDA)	29.1	0.99	ng/L	23.65		123	49-148			
Perfluorotetradecanoic acid (PFTeDA)	27.8	0.99	ng/L	23.65		118	47-161			
Perfluorobutanesulfonic acid (PFBS)	24.4	0.99	ng/L	20.98		116	62-144			
Perfluoropentanesulfonic acid (PFPeS)	25.8	0.99	ng/L	22.26		116	59-151			
Perfluorohexanesulfonic acid (PFHxS)	23.5	0.99	ng/L	21.62		109	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	25.0	0.99	ng/L	22.54		111	55-152			
Perfluorooctanesulfonic acid (PFOS)	23.1	0.99	ng/L	21.95		105	58-149			
Perfluorononanesulfonic acid (PFNS)	25.6	0.99	ng/L	22.76		112	52-148			
Perfluorodecanesulfonic acid (PFDS)	26.8	0.99	ng/L	22.83		117	51-147			
Perfluorododecanesulfonic acid (PFDoS)	23.3	0.99	ng/L	22.94		101	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	116	3.9	ng/L	88.70		131	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	117	3.9	ng/L	89.89		130	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	128	3.9	ng/L	90.83		141	63-152			
Perfluorooctanesulfonamide (PFOSA)	28.4	0.99	ng/L	23.65		120	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	25.0	0.99	ng/L	23.65		106	63-145			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390174 - Draft Method 1633
LCS (B390174-BS1)

Prepared & Analyzed: 10/24/24

N-ethyl perfluorooctanesulfonamide (NEtFOSA)	24.1	0.99	ng/L	23.65		102	65-139			
N-MeFOSAA (NMeFOSAA)	26.5	0.99	ng/L	23.65		112	58-144			
N-EtFOSAA (NEtFOSAA)	27.0	0.99	ng/L	23.65		114	59-146			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	254	9.9	ng/L	236.5		107	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	272	9.9	ng/L	236.5		115	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	111	3.9	ng/L	94.62		117	63-144			
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	97.7	3.9	ng/L	89.41		109	68-146			
9Cl-PF3ONS (F53B Minor)	87.0	3.9	ng/L	88.47		98.4	56-156			
11Cl-PF3OUdS (F53B Major)	81.3	3.9	ng/L	89.41		91.0	46-156			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	246	9.9	ng/L	236.5		104	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1190	49	ng/L	1183		101	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1090	49	ng/L	1183		92.2	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	43.9	2.0	ng/L	42.11		104	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	46.7	2.0	ng/L	47.31		98.7	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	48.7	2.0	ng/L	47.31		103	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	54.9	2.0	ng/L	47.31		116	48-161			
Surrogate: 13C4-PFBA	77.1		ng/L	98.56		78.2	10-130			
Surrogate: 13C5-PFPeA	34.5		ng/L	49.28		70.0	35-150			
Surrogate: 13C5-PFHxA	16.5		ng/L	24.64		66.9	55-150			
Surrogate: 13C4-PFHpA	17.0		ng/L	24.64		69.0	55-150			
Surrogate: 13C8-PFOA	16.1		ng/L	24.64		65.3	60-140			
Surrogate: 13C9-PFNA	8.82		ng/L	12.32		71.6	55-140			
Surrogate: 13C6-PFDA	8.43		ng/L	12.32		68.4	50-140			
Surrogate: 13C7-PFUnA	7.44		ng/L	12.32		60.4	30-140			
Surrogate: 13C2-PFDoA	7.74		ng/L	12.32		62.8	10-150			
Surrogate: 13C2-PFTeDA	7.67		ng/L	12.32		62.3	10-130			
Surrogate: 13C3-PFBS	18.9		ng/L	24.64		76.6	55-150			
Surrogate: 13C3-PFHxS	17.8		ng/L	24.64		72.1	55-150			
Surrogate: 13C8-PFOS	17.9		ng/L	24.64		72.6	45-140			
Surrogate: 13C2-4:2FTS	36.5		ng/L	49.28		74.0	60-200			
Surrogate: 13C2-6:2FTS	35.3		ng/L	49.28		71.5	60-200			
Surrogate: 13C2-8:2FTS	29.8		ng/L	49.28		60.4	50-200			
Surrogate: 13C8-PFOSA	15.9		ng/L	24.64		64.7	30-130			
Surrogate: D3-NMeFOSA	13.4		ng/L	24.64		54.5	15-130			
Surrogate: D5-NEtFOSA	14.2		ng/L	24.64		57.5	10-130			
Surrogate: D3-NMeFOSAA	34.2		ng/L	49.28		69.4	45-200			
Surrogate: D5-NEtFOSAA	34.7		ng/L	49.28		70.4	10-200			
Surrogate: D7-NMeFOSE	151		ng/L	246.4		61.4	10-150			
Surrogate: D9-NEtFOSE	140		ng/L	246.4		56.8	10-150			
Surrogate: 13C3-HFPO-DA	67.1		ng/L	98.56		68.1	25-160			

MRL Check (B390174-MRL1)

Prepared & Analyzed: 10/24/24

Perfluorobutanoic acid (PFBA)	8.07	3.9	ng/L	7.829		103	44-157			
Perfluoropentanoic acid (PFPeA)	4.20	2.0	ng/L	3.914		107	57-148			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B390174 - Draft Method 1633										
MRL Check (B390174-MRL1)				Prepared & Analyzed: 10/24/24						
Perfluorohexanoic acid (PFHxA)	2.43	0.98	ng/L	1.957		124	62-149			
Perfluoroheptanoic acid (PFHpA)	2.14	0.98	ng/L	1.957		109	56-150			
Perfluorooctanoic acid (PFOA)	2.22	0.98	ng/L	1.957		113	57-161			
Perfluorononanoic acid (PFNA)	2.01	0.98	ng/L	1.957		103	53-157			
Perfluorodecanoic acid (PFDA)	2.19	0.98	ng/L	1.957		112	43-158			
Perfluoroundecanoic acid (PFUnA)	2.09	0.98	ng/L	1.957		107	50-155			
Perfluorododecanoic acid (PFDoA)	2.13	0.98	ng/L	1.957		109	60-141			
Perfluorotridecanoic acid (PFTrDA)	2.21	0.98	ng/L	1.957		113	52-140			
Perfluorotetradecanoic acid (PFTeDA)	1.91	0.98	ng/L	1.957		97.6	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.87	0.98	ng/L	1.736		108	63-145			
Perfluoropentanesulfonic acid (PFPeS)	2.03	0.98	ng/L	1.842		110	58-144			
Perfluorohexanesulfonic acid (PFHxS)	2.00	0.98	ng/L	1.789		112	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	2.30	0.98	ng/L	1.865		123	51-150			
Perfluorooctanesulfonic acid (PFOS)	2.09	0.98	ng/L	1.816		115	43-162			
Perfluorononanesulfonic acid (PFNS)	1.96	0.98	ng/L	1.883		104	46-151			
Perfluorodecanesulfonic acid (PFDS)	2.03	0.98	ng/L	1.889		107	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.89	0.98	ng/L	1.898		99.4	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.78	3.9	ng/L	7.339		120	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	8.68	3.9	ng/L	7.437		117	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.17	3.9	ng/L	7.515		109	46-165			
Perfluorooctanesulfonamide (PFOSA)	2.09	0.98	ng/L	1.957		107	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.84	0.98	ng/L	1.957		94.2	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.06	0.98	ng/L	1.957		105	49-156			
N-MeFOSAA (NMeFOSAA)	2.02	0.98	ng/L	1.957		103	32-160			
N-EtFOSAA (NEtFOSAA)	2.06	0.98	ng/L	1.957		105	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	19.5	9.8	ng/L	19.57		99.5	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.8	9.8	ng/L	19.57		106	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.81	3.9	ng/L	7.829		113	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.20	3.9	ng/L	7.398		97.3	61-148			
9Cl-PF3ONS (F53B Minor)	6.00	3.9	ng/L	7.320		81.9	44-167			
11Cl-PF3OUDS (F53B Major)	5.71	3.9	ng/L	7.398		77.2	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	17.7	9.8	ng/L	19.57		90.3	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	84.4	49	ng/L	97.86		86.3	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	74.0	49	ng/L	97.86		75.6	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.51	2.0	ng/L	3.484		101	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.79	2.0	ng/L	3.914		96.7	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.83	2.0	ng/L	3.914		97.8	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.06	2.0	ng/L	3.914		104	47-160			
Surrogate: 13C4-PFBA	74.6		ng/L	97.86		76.2	10-130			
Surrogate: 13C5-PFPeA	32.9		ng/L	48.93		67.3	35-150			
Surrogate: 13C5-PFHxA	15.5		ng/L	24.46		63.4	55-150			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390174 - Draft Method 1633
MRL Check (B390174-MRL1)

Prepared & Analyzed: 10/24/24

Surrogate: 13C4-PFHpA	15.5		ng/L	24.46		63.5	55-150			
Surrogate: 13C8-PFOA	15.6		ng/L	24.46		63.6	60-140			
Surrogate: 13C9-PFNA	8.31		ng/L	12.23		68.0	55-140			
Surrogate: 13C6-PFDA	7.71		ng/L	12.23		63.0	50-140			
Surrogate: 13C7-PFUnA	6.82		ng/L	12.23		55.8	30-140			
Surrogate: 13C2-PFDoA	6.83		ng/L	12.23		55.9	10-150			
Surrogate: 13C2-PFTeDA	7.14		ng/L	12.23		58.4	10-130			
Surrogate: 13C3-PFBS	17.9		ng/L	24.46		73.1	55-150			
Surrogate: 13C3-PFHxS	15.9		ng/L	24.46		64.9	55-150			
Surrogate: 13C8-PFOS	15.4		ng/L	24.46		63.2	45-140			
Surrogate: 13C2-4:2FTS	37.2		ng/L	48.93		75.9	60-200			
Surrogate: 13C2-6:2FTS	34.4		ng/L	48.93		70.4	60-200			
Surrogate: 13C2-8:2FTS	31.4		ng/L	48.93		64.2	50-200			
Surrogate: 13C8-PFOSA	14.9		ng/L	24.46		60.9	30-130			
Surrogate: D3-NMeFOSA	11.3		ng/L	24.46		46.3	15-130			
Surrogate: D5-NEtFOSA	11.7		ng/L	24.46		47.6	10-130			
Surrogate: D3-NMeFOSAA	32.3		ng/L	48.93		65.9	45-200			
Surrogate: D5-NEtFOSAA	31.4		ng/L	48.93		64.2	10-200			
Surrogate: D7-NMeFOSE	138		ng/L	244.6		56.5	10-150			
Surrogate: D9-NEtFOSE	129		ng/L	244.6		52.6	10-150			
Surrogate: 13C3-HFPO-DA	67.1		ng/L	97.86		68.6	25-160			

Batch B390327 - Draft Method 1633
Blank (B390327-BLK1)

Prepared: 10/28/24 Analyzed: 10/29/24

Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L
Perfluorohexanoic acid (PFHxA)	ND	0.98	ng/L
Perfluoroheptanoic acid (PFHpA)	ND	0.98	ng/L
Perfluorooctanoic acid (PFOA)	ND	0.98	ng/L
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L
Perfluorotridecanoic acid (PFTrDA)	ND	0.98	ng/L
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L
Perfluorobutanesulfonic acid (PFBS)	ND	0.98	ng/L
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L
Perfluorohexanesulfonic acid (PFHxS)	ND	0.98	ng/L
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L
Perfluorooctanesulfonic acid (PFOS)	ND	0.98	ng/L
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390327 - Draft Method 1633
Blank (B390327-BLK1)

Prepared: 10/28/24 Analyzed: 10/29/24

N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	ND	9.8	ng/L
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA) (5:3FTCA)	ND	49	ng/L
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND	2.0	ng/L
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L

Surrogate: 13C4-PFBA	71.9		ng/L	98.45		73.1	10-130
Surrogate: 13C5-PFPeA	38.7		ng/L	49.23		78.7	35-150
Surrogate: 13C5-PFHxA	19.4		ng/L	24.61		78.9	55-150
Surrogate: 13C4-PFHpA	19.8		ng/L	24.61		80.6	55-150
Surrogate: 13C8-PFOA	19.4		ng/L	24.61		78.8	60-140
Surrogate: 13C9-PFNA	10.3		ng/L	12.31		83.5	55-140
Surrogate: 13C6-PFDA	9.89		ng/L	12.31		80.4	50-140
Surrogate: 13C7-PFUnA	9.28		ng/L	12.31		75.4	30-140
Surrogate: 13C2-PFDoA	9.94		ng/L	12.31		80.7	10-150
Surrogate: 13C2-PFTeDA	10.4		ng/L	12.31		84.4	10-130
Surrogate: 13C3-PFBS	22.2		ng/L	24.61		90.1	55-150
Surrogate: 13C3-PFHxS	19.1		ng/L	24.61		77.4	55-150
Surrogate: 13C8-PFOS	20.6		ng/L	24.61		83.5	45-140
Surrogate: 13C2-4:2FTS	43.7		ng/L	49.23		88.8	60-200
Surrogate: 13C2-6:2FTS	43.3		ng/L	49.23		88.0	60-200
Surrogate: 13C2-8:2FTS	36.2		ng/L	49.23		73.6	50-200
Surrogate: 13C8-PFOSA	20.9		ng/L	24.61		84.9	30-130
Surrogate: D3-NMeFOSA	15.2		ng/L	24.61		61.9	15-130
Surrogate: D5-NEtFOSA	16.4		ng/L	24.61		66.5	10-130
Surrogate: D3-NMeFOSAA	43.5		ng/L	49.23		88.4	45-200
Surrogate: D5-NEtFOSAA	44.5		ng/L	49.23		90.4	10-200
Surrogate: D7-NMeFOSE	198		ng/L	246.1		80.5	10-150
Surrogate: D9-NEtFOSE	183		ng/L	246.1		74.5	10-150
Surrogate: 13C3-HFPO-DA	78.7		ng/L	98.45		80.0	25-160

LCS (B390327-BS1)

Prepared: 10/28/24 Analyzed: 10/29/24

Perfluorobutanoic acid (PFBA)	121	3.9	ng/L	93.88		129	58-148
Perfluoropentanoic acid (PFPeA)	58.7	2.0	ng/L	46.94		125	54-152

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B390327 - Draft Method 1633										
LCS (B390327-BS1)				Prepared: 10/28/24 Analyzed: 10/29/24						
Perfluorohexanoic acid (PFHxA)	30.3	0.98	ng/L	23.47		129	55-152			
Perfluoroheptanoic acid (PFHpA)	28.7	0.98	ng/L	23.47		122	54-154			
Perfluorooctanoic acid (PFOA)	29.7	0.98	ng/L	23.47		127	52-161			
Perfluorononanoic acid (PFNA)	25.1	0.98	ng/L	23.47		107	59-149			
Perfluorodecanoic acid (PFDA)	27.3	0.98	ng/L	23.47		116	52-147			
Perfluoroundecanoic acid (PFUnA)	29.5	0.98	ng/L	23.47		126	48-159			
Perfluorododecanoic acid (PFDoA)	31.0	0.98	ng/L	23.47		132	64-142			
Perfluorotridecanoic acid (PFTrDA)	29.8	0.98	ng/L	23.47		127	49-148			
Perfluorotetradecanoic acid (PFTeDA)	27.7	0.98	ng/L	23.47		118	47-161			
Perfluorobutanesulfonic acid (PFBS)	24.7	0.98	ng/L	20.82		119	62-144			
Perfluoropentanesulfonic acid (PFPeS)	29.8	0.98	ng/L	22.09		135	59-151			
Perfluorohexanesulfonic acid (PFHxS)	25.2	0.98	ng/L	21.45		117	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	29.3	0.98	ng/L	22.37		131	55-152			
Perfluorooctanesulfonic acid (PFOS)	26.5	0.98	ng/L	21.78		122	58-149			
Perfluorononanesulfonic acid (PFNS)	27.4	0.98	ng/L	22.58		121	52-148			
Perfluorodecanesulfonic acid (PFDS)	29.4	0.98	ng/L	22.65		130	51-147			
Perfluorododecanesulfonic acid (PFDoS)	25.7	0.98	ng/L	22.77		113	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	118	3.9	ng/L	88.01		134	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	120	3.9	ng/L	89.19		135	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	119	3.9	ng/L	90.13		132	63-152			
Perfluorooctanesulfonamide (PFOSA)	30.7	0.98	ng/L	23.47		131	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	24.0	0.98	ng/L	23.47		102	63-145			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	23.3	0.98	ng/L	23.47		99.4	65-139			
N-MeFOSAA (NMeFOSAA)	28.0	0.98	ng/L	23.47		119	58-144			
N-EtFOSAA (NEtFOSAA)	24.9	0.98	ng/L	23.47		106	59-146			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	262	9.8	ng/L	234.7		111	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	260	9.8	ng/L	234.7		111	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	105	3.9	ng/L	93.88		112	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	103	3.9	ng/L	88.72		116	68-146			
9Cl-PF3ONS (F53B Minor)	83.8	3.9	ng/L	87.78		95.4	56-156			
11Cl-PF3OUDS (F53B Major)	73.5	3.9	ng/L	88.72		82.8	46-156			
3-Perfluoropropyl propanoic acid (FPPrPA) (3:3FTCA)	241	9.8	ng/L	234.7		103	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	1110	49	ng/L	1174		94.6	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1050	49	ng/L	1174		89.4	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	43.9	2.0	ng/L	41.78		105	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	45.0	2.0	ng/L	46.94		95.9	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	50.1	2.0	ng/L	46.94		107	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	53.0	2.0	ng/L	46.94		113	48-161			
Surrogate: 13C4-PFBA	70.7		ng/L	97.79		72.3	10-130			
Surrogate: 13C5-PFPeA	39.0		ng/L	48.90		79.7	35-150			
Surrogate: 13C5-PFHxA	19.3		ng/L	24.45		78.9	55-150			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390327 - Draft Method 1633
LCS (B390327-BS1)

Prepared: 10/28/24 Analyzed: 10/29/24

Surrogate: 13C4-PFHpA	20.1		ng/L	24.45		82.3	55-150			
Surrogate: 13C8-PFOA	19.5		ng/L	24.45		79.9	60-140			
Surrogate: 13C9-PFNA	10.4		ng/L	12.22		85.2	55-140			
Surrogate: 13C6-PFDA	10.4		ng/L	12.22		84.8	50-140			
Surrogate: 13C7-PFUnA	9.28		ng/L	12.22		75.9	30-140			
Surrogate: 13C2-PFDoA	10.1		ng/L	12.22		82.4	10-150			
Surrogate: 13C2-PFTeDA	9.90		ng/L	12.22		81.0	10-130			
Surrogate: 13C3-PFBS	22.7		ng/L	24.45		92.9	55-150			
Surrogate: 13C3-PFHxS	19.7		ng/L	24.45		80.5	55-150			
Surrogate: 13C8-PFOS	19.9		ng/L	24.45		81.6	45-140			
Surrogate: 13C2-4:2FTS	40.4		ng/L	48.90		82.5	60-200			
Surrogate: 13C2-6:2FTS	38.9		ng/L	48.90		79.6	60-200			
Surrogate: 13C2-8:2FTS	34.7		ng/L	48.90		70.9	50-200			
Surrogate: 13C8-PFOSA	20.2		ng/L	24.45		82.6	30-130			
Surrogate: D3-NMeFOSA	15.6		ng/L	24.45		63.6	15-130			
Surrogate: D5-NEtFOSA	16.4		ng/L	24.45		67.1	10-130			
Surrogate: D3-NMeFOSAA	42.4		ng/L	48.90		86.7	45-200			
Surrogate: D5-NEtFOSAA	45.1		ng/L	48.90		92.3	10-200			
Surrogate: D7-NMeFOSE	195		ng/L	244.5		79.6	10-150			
Surrogate: D9-NEtFOSE	184		ng/L	244.5		75.2	10-150			
Surrogate: 13C3-HFPO-DA	77.7		ng/L	97.79		79.4	25-160			

MRL Check (B390327-MRL1)

Prepared: 10/28/24 Analyzed: 10/29/24

Perfluorobutanoic acid (PFBA)	8.23	3.9	ng/L	7.827		105	44-157			
Perfluoropentanoic acid (PFPeA)	4.12	2.0	ng/L	3.913		105	57-148			
Perfluorohexanoic acid (PFHxA)	2.18	0.98	ng/L	1.957		111	62-149			
Perfluoroheptanoic acid (PFHpA)	1.85	0.98	ng/L	1.957		94.6	56-150			
Perfluorooctanoic acid (PFOA)	2.34	0.98	ng/L	1.957		119	57-161			
Perfluorononanoic acid (PFNA)	1.74	0.98	ng/L	1.957		88.9	53-157			
Perfluorodecanoic acid (PFDA)	1.98	0.98	ng/L	1.957		101	43-158			
Perfluoroundecanoic acid (PFUnA)	2.04	0.98	ng/L	1.957		104	50-155			
Perfluorododecanoic acid (PFDoA)	2.17	0.98	ng/L	1.957		111	60-141			
Perfluorotridecanoic acid (PFTrDA)	2.02	0.98	ng/L	1.957		103	52-140			
Perfluorotetradecanoic acid (PFTeDA)	1.94	0.98	ng/L	1.957		98.9	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.78	0.98	ng/L	1.736		102	63-145			
Perfluoropentanesulfonic acid (PFPeS)	2.01	0.98	ng/L	1.841		109	58-144			
Perfluorohexanesulfonic acid (PFHxS)	1.92	0.98	ng/L	1.788		107	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	1.91	0.98	ng/L	1.865		102	51-150			
Perfluorooctanesulfonic acid (PFOS)	1.87	0.98	ng/L	1.816		103	43-162			
Perfluorononanesulfonic acid (PFNS)	2.09	0.98	ng/L	1.882		111	46-151			
Perfluorodecanesulfonic acid (PFDS)	1.91	0.98	ng/L	1.888		101	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.83	0.98	ng/L	1.898		96.6	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.18	3.9	ng/L	7.338		112	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	8.16	3.9	ng/L	7.435		110	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.04	3.9	ng/L	7.514		107	46-165			
Perfluorooctanesulfonamide (PFOSA)	2.08	0.98	ng/L	1.957		106	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.97	0.98	ng/L	1.957		101	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.79	0.98	ng/L	1.957		91.4	49-156			
N-MeFOSAA (NMeFOSAA)	1.93	0.98	ng/L	1.957		98.7	32-160			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390327 - Draft Method 1633
MRL Check (B390327-MRL1)

Prepared: 10/28/24 Analyzed: 10/29/24

N-EtFOSAA (NEtFOSAA)	1.75	0.98	ng/L	1.957		89.5	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	18.3	9.8	ng/L	19.57		93.6	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	19.0	9.8	ng/L	19.57		96.9	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.74	3.9	ng/L	7.827		112	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.92	3.9	ng/L	7.396		107	61-148			
9Cl-PF3ONS (F53B Minor)	6.69	3.9	ng/L	7.318		91.4	44-167			
11Cl-PF3OUdS (F53B Major)	5.70	3.9	ng/L	7.396		77.1	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	19.6	9.8	ng/L	19.57		99.9	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	94.1	49	ng/L	97.83		96.2	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	82.5	49	ng/L	97.83		84.3	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	3.44	2.0	ng/L	3.483		98.7	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.53	2.0	ng/L	3.913		90.2	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.74	2.0	ng/L	3.913		95.6	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.06	2.0	ng/L	3.913		104	47-160			
Surrogate: 13C4-PFBA	74.1		ng/L	97.83		75.8	10-130			
Surrogate: 13C5-PFPeA	39.4		ng/L	48.92		80.5	35-150			
Surrogate: 13C5-PFHxA	19.4		ng/L	24.46		79.4	55-150			
Surrogate: 13C4-PFHpA	20.8		ng/L	24.46		84.9	55-150			
Surrogate: 13C8-PFOA	19.8		ng/L	24.46		81.0	60-140			
Surrogate: 13C9-PFNA	11.0		ng/L	12.23		89.8	55-140			
Surrogate: 13C6-PFDA	10.6		ng/L	12.23		86.7	50-140			
Surrogate: 13C7-PFUnA	9.20		ng/L	12.23		75.2	30-140			
Surrogate: 13C2-PFDoA	10.3		ng/L	12.23		84.2	10-150			
Surrogate: 13C2-PFTeDA	10.1		ng/L	12.23		82.9	10-130			
Surrogate: 13C3-PFBS	22.8		ng/L	24.46		93.3	55-150			
Surrogate: 13C3-PFHxS	20.0		ng/L	24.46		81.7	55-150			
Surrogate: 13C8-PFOS	20.5		ng/L	24.46		84.0	45-140			
Surrogate: 13C2-4:2FTS	44.9		ng/L	48.92		91.9	60-200			
Surrogate: 13C2-6:2FTS	41.9		ng/L	48.92		85.6	60-200			
Surrogate: 13C2-8:2FTS	35.3		ng/L	48.92		72.1	50-200			
Surrogate: 13C8-PFOA	21.7		ng/L	24.46		88.8	30-130			
Surrogate: D3-NMeFOSA	16.2		ng/L	24.46		66.3	15-130			
Surrogate: D5-NEtFOSA	17.5		ng/L	24.46		71.6	10-130			
Surrogate: D3-NMeFOSAA	44.2		ng/L	48.92		90.4	45-200			
Surrogate: D5-NEtFOSAA	47.9		ng/L	48.92		97.9	10-200			
Surrogate: D7-NMeFOSE	204		ng/L	244.6		83.4	10-150			
Surrogate: D9-NEtFOSE	189		ng/L	244.6		77.1	10-150			
Surrogate: 13C3-HFPO-DA	76.9		ng/L	97.83		78.6	25-160			

Batch B390922 - Draft Method 1633
Blank (B390922-BLK1)

Prepared: 10/31/24 Analyzed: 11/01/24

Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.98	ng/L							

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B390922 - Draft Method 1633										
Blank (B390922-BLK1)				Prepared: 10/31/24 Analyzed: 11/01/24						
Perfluoroheptanoic acid (PFHpA)	ND	0.98	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.98	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.98	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.98	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.98	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.98	ng/L							
Perfluorotridecanoic acid (PFTTrDA)	ND	0.98	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.98	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.98	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.98	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.98	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.98	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.98	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.98	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.98	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.98	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	0.98	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.98	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.98	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.98	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.98	ng/L							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.8	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.8	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	3.9	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.8	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	49	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	2.0	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L							
Surrogate: 13C4-PFBA	66.5		ng/L	98.46		67.5	10-130			
Surrogate: 13C5-PFPeA	33.9		ng/L	49.23		68.8	35-150			
Surrogate: 13C5-PFHxA	16.9		ng/L	24.62		68.7	55-150			
Surrogate: 13C4-PFHpA	17.9		ng/L	24.62		72.7	55-150			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390922 - Draft Method 1633
Blank (B390922-BLK1)

Prepared: 10/31/24 Analyzed: 11/01/24

Surrogate: 13C8-PFOA	16.6		ng/L	24.62		67.3	60-140			
Surrogate: 13C9-PFNA	9.44		ng/L	12.31		76.7	55-140			
Surrogate: 13C6-PFDA	10.4		ng/L	12.31		84.5	50-140			
Surrogate: 13C7-PFUnA	8.52		ng/L	12.31		69.2	30-140			
Surrogate: 13C2-PFDoA	9.22		ng/L	12.31		74.9	10-150			
Surrogate: 13C2-PFTeDA	9.33		ng/L	12.31		75.8	10-130			
Surrogate: 13C3-PFBS	20.7		ng/L	24.62		84.3	55-150			
Surrogate: 13C3-PFHxS	18.5		ng/L	24.62		75.3	55-150			
Surrogate: 13C8-PFOS	18.3		ng/L	24.62		74.2	45-140			
Surrogate: 13C2-4:2FTS	41.1		ng/L	49.23		83.5	60-200			
Surrogate: 13C2-6:2FTS	38.1		ng/L	49.23		77.4	60-200			
Surrogate: 13C2-8:2FTS	32.9		ng/L	49.23		66.8	50-200			
Surrogate: 13C8-PFOSA	19.4		ng/L	24.62		78.8	30-130			
Surrogate: D3-NMeFOSA	14.8		ng/L	24.62		60.3	15-130			
Surrogate: D5-NEtFOSA	16.0		ng/L	24.62		64.9	10-130			
Surrogate: D3-NMeFOSAA	40.5		ng/L	49.23		82.2	45-200			
Surrogate: D5-NEtFOSAA	41.9		ng/L	49.23		85.1	10-200			
Surrogate: D7-NMeFOSE	194		ng/L	246.2		78.9	10-150			
Surrogate: D9-NEtFOSE	180		ng/L	246.2		73.2	10-150			
Surrogate: 13C3-HFPO-DA	70.8		ng/L	98.46		71.9	25-160			

LCS (B390922-BS1)

Prepared: 10/31/24 Analyzed: 11/01/24

Perfluorobutanoic acid (PFBA)	102	3.9	ng/L	94.48		108	58-148			
Perfluoropentanoic acid (PFPeA)	50.9	2.0	ng/L	47.24		108	54-152			
Perfluorohexanoic acid (PFHxA)	26.0	0.98	ng/L	23.62		110	55-152			
Perfluoroheptanoic acid (PFHpA)	24.4	0.98	ng/L	23.62		103	54-154			
Perfluorooctanoic acid (PFOA)	25.6	0.98	ng/L	23.62		108	52-161			
Perfluorononanoic acid (PFNA)	22.2	0.98	ng/L	23.62		94.2	59-149			
Perfluorodecanoic acid (PFDA)	23.4	0.98	ng/L	23.62		98.9	52-147			
Perfluoroundecanoic acid (PFUnA)	26.2	0.98	ng/L	23.62		111	48-159			
Perfluorododecanoic acid (PFDoA)	27.1	0.98	ng/L	23.62		115	64-142			
Perfluorotridecanoic acid (PFTrDA)	26.8	0.98	ng/L	23.62		113	49-148			
Perfluorotetradecanoic acid (PFTeDA)	24.8	0.98	ng/L	23.62		105	47-161			
Perfluorobutanesulfonic acid (PFBS)	21.9	0.98	ng/L	20.95		104	62-144			
Perfluoropentanesulfonic acid (PFPeS)	26.1	0.98	ng/L	22.23		118	59-151			
Perfluorohexanesulfonic acid (PFHxS)	22.3	0.98	ng/L	21.59		103	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	23.6	0.98	ng/L	22.51		105	55-152			
Perfluorooctanesulfonic acid (PFOS)	21.5	0.98	ng/L	21.92		97.9	58-149			
Perfluorononanesulfonic acid (PFNS)	23.6	0.98	ng/L	22.72		104	52-148			
Perfluorodecanesulfonic acid (PFDS)	26.4	0.98	ng/L	22.79		116	51-147			
Perfluorododecanesulfonic acid (PFDoS)	22.2	0.98	ng/L	22.91		97.1	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	107	3.9	ng/L	88.57		121	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	109	3.9	ng/L	89.75		121	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	103	3.9	ng/L	90.70		113	63-152			
Perfluorooctanesulfonamide (PFOSA)	27.2	0.98	ng/L	23.62		115	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	22.0	0.98	ng/L	23.62		93.2	63-145			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	22.3	0.98	ng/L	23.62		94.5	65-139			
N-MeFOSAA (NMeFOSAA)	24.9	0.98	ng/L	23.62		105	58-144			
N-EtFOSAA (NEtFOSAA)	20.8	0.98	ng/L	23.62		88.2	59-146			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390922 - Draft Method 1633
LCS (B390922-BS1)

Prepared: 10/31/24 Analyzed: 11/01/24

N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	219	9.8	ng/L	236.2		92.7	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	233	9.8	ng/L	236.2		98.5	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	97.6	3.9	ng/L	94.48		103	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	97.6	3.9	ng/L	89.28		109	68-146			
9Cl-PF3ONS (F53B Minor)	77.5	3.9	ng/L	88.33		87.7	56-156			
11Cl-PF3OUDS (F53B Major)	65.8	3.9	ng/L	89.28		73.7	46-156			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	283	9.8	ng/L	236.2		120	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	1320	49	ng/L	1181		111	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1300	49	ng/L	1181		110	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	46.9	2.0	ng/L	42.04		112	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	51.4	2.0	ng/L	47.24		109	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	55.6	2.0	ng/L	47.24		118	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	59.5	2.0	ng/L	47.24		126	48-161			
Surrogate: 13C4-PFBA	69.2		ng/L	98.41		70.3	10-130			
Surrogate: 13C5-PFPeA	38.9		ng/L	49.21		79.1	35-150			
Surrogate: 13C5-PFHxA	19.4		ng/L	24.60		78.8	55-150			
Surrogate: 13C4-PFHpA	20.3		ng/L	24.60		82.6	55-150			
Surrogate: 13C8-PFOA	19.3		ng/L	24.60		78.4	60-140			
Surrogate: 13C9-PFNA	10.3		ng/L	12.30		84.1	55-140			
Surrogate: 13C6-PFDA	10.7		ng/L	12.30		86.8	50-140			
Surrogate: 13C7-PFUnA	8.76		ng/L	12.30		71.2	30-140			
Surrogate: 13C2-PFDoA	9.64		ng/L	12.30		78.4	10-150			
Surrogate: 13C2-PFTeDA	9.51		ng/L	12.30		77.3	10-130			
Surrogate: 13C3-PFBS	21.8		ng/L	24.60		88.6	55-150			
Surrogate: 13C3-PFHxS	19.5		ng/L	24.60		79.3	55-150			
Surrogate: 13C8-PFOS	20.3		ng/L	24.60		82.7	45-140			
Surrogate: 13C2-4:2FTS	40.1		ng/L	49.21		81.4	60-200			
Surrogate: 13C2-6:2FTS	36.4		ng/L	49.21		74.1	60-200			
Surrogate: 13C2-8:2FTS	31.8		ng/L	49.21		64.6	50-200			
Surrogate: 13C8-PFOSA	20.6		ng/L	24.60		83.9	30-130			
Surrogate: D3-NMeFOSA	16.4		ng/L	24.60		66.5	15-130			
Surrogate: D5-NEtFOSA	17.4		ng/L	24.60		70.6	10-130			
Surrogate: D3-NMeFOSAA	43.4		ng/L	49.21		88.2	45-200			
Surrogate: D5-NEtFOSAA	46.7		ng/L	49.21		94.8	10-200			
Surrogate: D7-NMeFOSE	213		ng/L	246.0		86.6	10-150			
Surrogate: D9-NEtFOSE	191		ng/L	246.0		77.5	10-150			
Surrogate: 13C3-HFPO-DA	78.8		ng/L	98.41		80.0	25-160			

MRL Check (B390922-MRL1)

Prepared: 10/31/24 Analyzed: 11/01/24

Perfluorobutanoic acid (PFBA)	8.88	3.9	ng/L	7.842		113	44-157			
Perfluoropentanoic acid (PFPeA)	4.46	2.0	ng/L	3.921		114	57-148			
Perfluorohexanoic acid (PFHxA)	2.27	0.98	ng/L	1.961		116	62-149			
Perfluoroheptanoic acid (PFHpA)	2.17	0.98	ng/L	1.961		111	56-150			
Perfluorooctanoic acid (PFOA)	2.31	0.98	ng/L	1.961		118	57-161			
Perfluorononanoic acid (PFNA)	1.83	0.98	ng/L	1.961		93.1	53-157			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390922 - Draft Method 1633
MRL Check (B390922-MRL1)

Prepared: 10/31/24 Analyzed: 11/01/24

Perfluorodecanoic acid (PFDA)	2.08	0.98	ng/L	1.961		106	43-158			
Perfluoroundecanoic acid (PFUnA)	2.25	0.98	ng/L	1.961		115	50-155			
Perfluorododecanoic acid (PFDoA)	2.37	0.98	ng/L	1.961		121	60-141			
Perfluorotridecanoic acid (PFTrDA)	2.48	0.98	ng/L	1.961		127	52-140			
Perfluorotetradecanoic acid (PFTeDA)	2.27	0.98	ng/L	1.961		116	52-156			
Perfluorobutanesulfonic acid (PFBS)	2.03	0.98	ng/L	1.739		117	63-145			
Perfluoropentanesulfonic acid (PFPeS)	2.20	0.98	ng/L	1.845		119	58-144			
Perfluorohexanesulfonic acid (PFHxS)	2.17	0.98	ng/L	1.792		121	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	2.07	0.98	ng/L	1.868		111	51-150			
Perfluorooctanesulfonic acid (PFOS)	2.14	0.98	ng/L	1.819		118	43-162			
Perfluorononanesulfonic acid (PFNS)	2.10	0.98	ng/L	1.886		112	46-151			
Perfluorodecanesulfonic acid (PFDS)	2.36	0.98	ng/L	1.892		125	50-144			
Perfluorododecanesulfonic acid (PFDoS)	1.86	0.98	ng/L	1.902		97.8	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.83	3.9	ng/L	7.352		120	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	9.28	3.9	ng/L	7.450		125	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.83	3.9	ng/L	7.528		117	46-165			
Perfluorooctanesulfonamide (PFOSA)	2.30	0.98	ng/L	1.961		117	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.85	0.98	ng/L	1.961		94.3	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.77	0.98	ng/L	1.961		90.2	49-156			
N-MeFOSAA (NMeFOSAA)	2.16	0.98	ng/L	1.961		110	32-160			
N-EtFOSAA (NEtFOSAA)	1.90	0.98	ng/L	1.961		96.8	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	19.1	9.8	ng/L	19.61		97.6	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	20.2	9.8	ng/L	19.61		103	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.02	3.9	ng/L	7.842		115	58-154			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	8.16	3.9	ng/L	7.411		110	61-148			
9Cl-PF3ONS (F53B Minor)	6.75	3.9	ng/L	7.332		92.1	44-167			
11Cl-PF3OUdS (F53B Major)	5.84	3.9	ng/L	7.411		78.8	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	22.0	9.8	ng/L	19.61		112	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	102	49	ng/L	98.03		104	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	97.4	49	ng/L	98.03		99.3	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	3.47	2.0	ng/L	3.490		99.6	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.05	2.0	ng/L	3.921		103	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.22	2.0	ng/L	3.921		108	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.36	2.0	ng/L	3.921		111	47-160			
Surrogate: 13C4-PFBA	65.1		ng/L	98.03		66.4	10-130			
Surrogate: 13C5-PFPeA	34.2		ng/L	49.01		69.7	35-150			
Surrogate: 13C5-PFHxA	17.3		ng/L	24.51		70.5	55-150			
Surrogate: 13C4-PFHpA	18.0		ng/L	24.51		73.6	55-150			
Surrogate: 13C8-PFOA	17.1		ng/L	24.51		69.6	60-140			
Surrogate: 13C9-PFNA	9.35		ng/L	12.25		76.3	55-140			
Surrogate: 13C6-PFDA	9.70		ng/L	12.25		79.1	50-140			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B390922 - Draft Method 1633
MRL Check (B390922-MRL1)

Prepared: 10/31/24 Analyzed: 11/01/24

Surrogate: 13C7-PFUnA	8.38		ng/L	12.25		68.4	30-140			
Surrogate: 13C2-PFDoA	8.57		ng/L	12.25		70.0	10-150			
Surrogate: 13C2-PFTeDA	9.00		ng/L	12.25		73.4	10-130			
Surrogate: 13C3-PFBS	19.0		ng/L	24.51		77.4	55-150			
Surrogate: 13C3-PFHxS	17.3		ng/L	24.51		70.7	55-150			
Surrogate: 13C8-PFOS	18.6		ng/L	24.51		76.0	45-140			
Surrogate: 13C2-4:2FTS	37.2		ng/L	49.01		76.0	60-200			
Surrogate: 13C2-6:2FTS	34.7		ng/L	49.01		70.8	60-200			
Surrogate: 13C2-8:2FTS	29.8		ng/L	49.01		60.8	50-200			
Surrogate: 13C8-PFOSA	19.3		ng/L	24.51		78.7	30-130			
Surrogate: D3-NMeFOSA	14.9		ng/L	24.51		60.7	15-130			
Surrogate: D5-NEtFOSA	15.4		ng/L	24.51		63.0	10-130			
Surrogate: D3-NMeFOSAA	40.3		ng/L	49.01		82.2	45-200			
Surrogate: D5-NEtFOSAA	41.9		ng/L	49.01		85.5	10-200			
Surrogate: D7-NMeFOSE	190		ng/L	245.1		77.4	10-150			
Surrogate: D9-NEtFOSE	176		ng/L	245.1		71.8	10-150			
Surrogate: 13C3-HFPO-DA	70.6		ng/L	98.03		72.0	25-160			

Batch B391052 - Draft Method 1633
Blank (B391052-BLK1)

Prepared: 11/01/24 Analyzed: 11/05/24

Perfluorobutanoic acid (PFBA)	ND	3.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	0.99	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	0.99	ng/L							
Perfluorooctanoic acid (PFOA)	ND	0.99	ng/L							
Perfluorononanoic acid (PFNA)	ND	0.99	ng/L							
Perfluorodecanoic acid (PFDA)	ND	0.99	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	0.99	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	0.99	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	0.99	ng/L							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.99	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	0.99	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.99	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.99	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.99	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	0.99	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	0.99	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	0.99	ng/L							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.99	ng/L							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	3.9	ng/L							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	3.9	ng/L							
Perfluorooctanesulfonamide (PFOSA)	ND	0.99	ng/L							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.99	ng/L							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.99	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	0.99	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	0.99	ng/L							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	9.9	ng/L							

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B391052 - Draft Method 1633
Blank (B391052-BLK1)

Prepared: 11/01/24 Analyzed: 11/05/24

N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	9.9	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	3.9	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	3.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	3.9	ng/L							
11Cl-PF3OUDS (F53B Major)	ND	3.9	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	9.9	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	49	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	49	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND	2.0	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.0	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.0	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L							
Surrogate: 13C4-PFBA	98.4		ng/L	98.60		99.7	10-130			
Surrogate: 13C5-PFPeA	42.3		ng/L	49.30		85.9	35-150			
Surrogate: 13C5-PFHxA	20.3		ng/L	24.65		82.3	55-150			
Surrogate: 13C4-PFHpA	18.5		ng/L	24.65		75.2	55-150			
Surrogate: 13C8-PFOA	21.9		ng/L	24.65		88.9	60-140			
Surrogate: 13C9-PFNA	10.1		ng/L	12.32		82.2	55-140			
Surrogate: 13C6-PFDA	10.8		ng/L	12.32		88.0	50-140			
Surrogate: 13C7-PFUnA	10.5		ng/L	12.32		85.1	30-140			
Surrogate: 13C2-PFDoA	10.8		ng/L	12.32		87.6	10-150			
Surrogate: 13C2-PFTeDA	10.9		ng/L	12.32		88.8	10-130			
Surrogate: 13C3-PFBS	25.0		ng/L	24.65		101	55-150			
Surrogate: 13C3-PFHxS	21.5		ng/L	24.65		87.2	55-150			
Surrogate: 13C8-PFOS	21.3		ng/L	24.65		86.6	45-140			
Surrogate: 13C2-4:2FTS	53.8		ng/L	49.30		109	60-200			
Surrogate: 13C2-6:2FTS	48.5		ng/L	49.30		98.4	60-200			
Surrogate: 13C2-8:2FTS	42.8		ng/L	49.30		86.7	50-200			
Surrogate: 13C8-PFOSA	19.5		ng/L	24.65		79.2	30-130			
Surrogate: D3-NMeFOSA	20.0		ng/L	24.65		81.1	15-130			
Surrogate: D5-NEtFOSA	19.9		ng/L	24.65		80.8	10-130			
Surrogate: D3-NMeFOSAA	45.0		ng/L	49.30		91.3	45-200			
Surrogate: D5-NEtFOSAA	45.0		ng/L	49.30		91.3	10-200			
Surrogate: D7-NMeFOSE	236		ng/L	246.5		95.8	10-150			
Surrogate: D9-NEtFOSE	262		ng/L	246.5		106	10-150			
Surrogate: 13C3-HFPO-DA	94.8		ng/L	98.60		96.1	25-160			

LCS (B391052-BS1)

Prepared: 11/01/24 Analyzed: 11/05/24

Perfluorobutanoic acid (PFBA)	103	4.0	ng/L	95.04		109	58-148			
Perfluoropentanoic acid (PFPeA)	50.3	2.0	ng/L	47.52		106	54-152			
Perfluorohexanoic acid (PFHxA)	26.6	0.99	ng/L	23.76		112	55-152			
Perfluoroheptanoic acid (PFHpA)	26.0	0.99	ng/L	23.76		109	54-154			
Perfluorooctanoic acid (PFOA)	24.5	0.99	ng/L	23.76		103	52-161			
Perfluorononanoic acid (PFNA)	25.5	0.99	ng/L	23.76		107	59-149			
Perfluorodecanoic acid (PFDA)	25.2	0.99	ng/L	23.76		106	52-147			
Perfluoroundecanoic acid (PFUnA)	24.8	0.99	ng/L	23.76		104	48-159			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B391052 - Draft Method 1633
LCS (B391052-BS1)

Prepared: 11/01/24 Analyzed: 11/05/24

Perfluorododecanoic acid (PFDoA)	25.3	0.99	ng/L	23.76		106	64-142			
Perfluorotridecanoic acid (PFTrDA)	26.0	0.99	ng/L	23.76		109	49-148			
Perfluorotetradecanoic acid (PFTeDA)	25.0	0.99	ng/L	23.76		105	47-161			
Perfluorobutanesulfonic acid (PFBS)	22.6	0.99	ng/L	21.08		107	62-144			
Perfluoropentanesulfonic acid (PFPeS)	25.7	0.99	ng/L	22.36		115	59-151			
Perfluorohexanesulfonic acid (PFHxS)	29.0	0.99	ng/L	21.72		133	57-146			
Perfluoroheptanesulfonic acid (PFHpS)	24.7	0.99	ng/L	22.64		109	55-152			
Perfluorooctanesulfonic acid (PFOS)	29.8	0.99	ng/L	22.05		135	58-149			
Perfluorononanesulfonic acid (PFNS)	25.2	0.99	ng/L	22.86		110	52-148			
Perfluorodecanesulfonic acid (PFDS)	25.2	0.99	ng/L	22.93		110	51-147			
Perfluorododecanesulfonic acid (PFDoS)	25.5	0.99	ng/L	23.05		111	36-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	99.8	4.0	ng/L	89.10		112	67-146			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	106	4.0	ng/L	90.29		117	61-151			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	106	4.0	ng/L	91.24		117	63-152			
Perfluorooctanesulfonamide (PFOSA)	25.3	0.99	ng/L	23.76		106	61-148			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	25.3	0.99	ng/L	23.76		107	63-145			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	26.4	0.99	ng/L	23.76		111	65-139			
N-MeFOSAA (NMeFOSAA)	33.1	0.99	ng/L	23.76		139	58-144			
N-EtFOSAA (NEtFOSAA)	28.8	0.99	ng/L	23.76		121	59-146			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	260	9.9	ng/L	237.6		110	71-136			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	261	9.9	ng/L	237.6		110	69-137			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	99.9	4.0	ng/L	95.04		105	63-144			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	80.1	4.0	ng/L	89.81		89.2	68-146			
9Cl-PF3ONS (F53B Minor)	76.2	4.0	ng/L	88.86		85.8	56-156			
11Cl-PF3OUDS (F53B Major)	84.6	4.0	ng/L	89.81		94.2	46-156			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	239	9.9	ng/L	237.6		100	62-129			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA) (5:3FTCA)	1180	50	ng/L	1188		99.3	63-134			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1050	50	ng/L	1188		88.2	50-138			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	49.6	2.0	ng/L	42.29		117	56-151			
Perfluoro-3-methoxypropanoic acid (PFMPA)	52.1	2.0	ng/L	47.52		110	51-145			
Perfluoro-4-methoxybutanoic acid (PFMBA)	53.2	2.0	ng/L	47.52		112	55-148			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	57.9	2.0	ng/L	47.52		122	48-161			
Surrogate: 13C4-PFBA	83.8		ng/L	99.00		84.6	10-130			
Surrogate: 13C5-PFPeA	36.9		ng/L	49.50		74.5	35-150			
Surrogate: 13C5-PFHxA	17.7		ng/L	24.75		71.7	55-150			
Surrogate: 13C4-PFHpA	16.6		ng/L	24.75		67.1	55-150			
Surrogate: 13C8-PFOA	18.7		ng/L	24.75		75.4	60-140			
Surrogate: 13C9-PFNA	9.34		ng/L	12.38		75.4	55-140			
Surrogate: 13C6-PFDA	9.80		ng/L	12.38		79.2	50-140			
Surrogate: 13C7-PFUnA	9.10		ng/L	12.38		73.5	30-140			
Surrogate: 13C2-PFDoA	8.95		ng/L	12.38		72.3	10-150			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B391052 - Draft Method 1633
LCS (B391052-BS1)

Prepared: 11/01/24 Analyzed: 11/05/24

Surrogate: 13C2-PFTeDA	8.90		ng/L	12.38		71.9	10-130			
Surrogate: 13C3-PFBS	20.5		ng/L	24.75		82.8	55-150			
Surrogate: 13C3-PFHxS	18.2		ng/L	24.75		73.6	55-150			
Surrogate: 13C8-PFOS	19.4		ng/L	24.75		78.3	45-140			
Surrogate: 13C2-4:2FTS	43.1		ng/L	49.50		87.0	60-200			
Surrogate: 13C2-6:2FTS	38.6		ng/L	49.50		78.0	60-200			
Surrogate: 13C2-8:2FTS	35.7		ng/L	49.50		72.1	50-200			
Surrogate: 13C8-PFOSA	17.7		ng/L	24.75		71.7	30-130			
Surrogate: D3-NMeFOSA	16.4		ng/L	24.75		66.1	15-130			
Surrogate: D5-NEtFOSA	16.4		ng/L	24.75		66.4	10-130			
Surrogate: D3-NMeFOSAA	42.2		ng/L	49.50		85.2	45-200			
Surrogate: D5-NEtFOSAA	40.9		ng/L	49.50		82.7	10-200			
Surrogate: D7-NMeFOSE	191		ng/L	247.5		77.2	10-150			
Surrogate: D9-NEtFOSE	190		ng/L	247.5		76.7	10-150			
Surrogate: 13C3-HFPO-DA	79.8		ng/L	99.00		80.6	25-160			

MRL Check (B391052-MRL1)

Prepared: 11/01/24 Analyzed: 11/05/24

Perfluorobutanoic acid (PFBA)	9.12	3.9	ng/L	7.821		117	44-157			
Perfluoropentanoic acid (PFPeA)	4.38	2.0	ng/L	3.910		112	57-148			
Perfluorohexanoic acid (PFHxA)	2.26	0.98	ng/L	1.955		115	62-149			
Perfluoroheptanoic acid (PFHpA)	2.14	0.98	ng/L	1.955		110	56-150			
Perfluorooctanoic acid (PFOA)	2.48	0.98	ng/L	1.955		127	57-161			
Perfluorononanoic acid (PFNA)	2.02	0.98	ng/L	1.955		104	53-157			
Perfluorodecanoic acid (PFDA)	2.27	0.98	ng/L	1.955		116	43-158			
Perfluoroundecanoic acid (PFUnA)	2.14	0.98	ng/L	1.955		109	50-155			
Perfluorododecanoic acid (PFDoA)	2.11	0.98	ng/L	1.955		108	60-141			
Perfluorotridecanoic acid (PFTrDA)	2.08	0.98	ng/L	1.955		106	52-140			
Perfluorotetradecanoic acid (PFTeDA)	2.18	0.98	ng/L	1.955		111	52-156			
Perfluorobutanesulfonic acid (PFBS)	1.88	0.98	ng/L	1.734		109	63-145			
Perfluoropentanesulfonic acid (PFPeS)	2.30	0.98	ng/L	1.840		125	58-144			
Perfluorohexanesulfonic acid (PFHxS)	2.49	0.98	ng/L	1.787		139	44-158			
Perfluoroheptanesulfonic acid (PFHpS)	2.07	0.98	ng/L	1.863		111	51-150			
Perfluorooctanesulfonic acid (PFOS)	2.92	0.98	ng/L	1.814		161	43-162			
Perfluorononanesulfonic acid (PFNS)	2.08	0.98	ng/L	1.881		111	46-151			
Perfluorodecanesulfonic acid (PFDS)	2.24	0.98	ng/L	1.887		119	50-144			
Perfluorododecanesulfonic acid (PFDoS)	2.37	0.98	ng/L	1.897		125	30-138			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.96	3.9	ng/L	7.332		122	52-158			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	10.5	3.9	ng/L	7.430		141	48-158			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	9.02	3.9	ng/L	7.508		120	46-165			
Perfluorooctanesulfonamide (PFOSA)	2.17	0.98	ng/L	1.955		111	47-163			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	2.08	0.98	ng/L	1.955		106	54-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	2.12	0.98	ng/L	1.955		108	49-156			
N-MeFOSAA (NMeFOSAA)	3.11	0.98	ng/L	1.955		159	32-160			
N-EtFOSAA (NEtFOSAA)	2.56	0.98	ng/L	1.955		131	51-154			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	20.7	9.8	ng/L	19.55		106	56-151			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	21.9	9.8	ng/L	19.55		112	60-147			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.14	3.9	ng/L	7.821		104	58-154			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B391052 - Draft Method 1633
MRL Check (B391052-MRL1)

Prepared: 11/01/24 Analyzed: 11/05/24

4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.38	3.9	ng/L	7.391		86.3	61-148			
9Cl-PF3ONS (F53B Minor)	6.23	3.9	ng/L	7.313		85.2	44-167			
11Cl-PF3OUdS (F53B Major)	6.68	3.9	ng/L	7.391		90.4	36-158			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	18.3	9.8	ng/L	19.55		93.5	32-161			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	86.8	49	ng/L	97.76		88.8	39-156			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	76.4	49	ng/L	97.76		78.2	36-149			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	3.61	2.0	ng/L	3.480		104	56-144			
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.93	2.0	ng/L	3.910		101	48-150			
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.94	2.0	ng/L	3.910		101	49-154			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.37	2.0	ng/L	3.910		112	47-160			
Surrogate: 13C4-PFBA	77.2		ng/L	97.76		79.0	10-130			
Surrogate: 13C5-PFPeA	37.2		ng/L	48.88		76.0	35-150			
Surrogate: 13C5-PFHxA	18.2		ng/L	24.44		74.6	55-150			
Surrogate: 13C4-PFHpA	16.8		ng/L	24.44		68.7	55-150			
Surrogate: 13C8-PFOA	18.0		ng/L	24.44		73.5	60-140			
Surrogate: 13C9-PFNA	9.06		ng/L	12.22		74.1	55-140			
Surrogate: 13C6-PFDA	9.77		ng/L	12.22		79.9	50-140			
Surrogate: 13C7-PFUnA	9.73		ng/L	12.22		79.6	30-140			
Surrogate: 13C2-PFDoA	9.64		ng/L	12.22		78.9	10-150			
Surrogate: 13C2-PFTeDA	9.82		ng/L	12.22		80.4	10-130			
Surrogate: 13C3-PFBS	21.9		ng/L	24.44		89.6	55-150			
Surrogate: 13C3-PFHxS	18.7		ng/L	24.44		76.7	55-150			
Surrogate: 13C8-PFOS	18.7		ng/L	24.44		76.3	45-140			
Surrogate: 13C2-4:2FTS	46.3		ng/L	48.88		94.7	60-200			
Surrogate: 13C2-6:2FTS	39.9		ng/L	48.88		81.6	60-200			
Surrogate: 13C2-8:2FTS	39.8		ng/L	48.88		81.3	50-200			
Surrogate: 13C8-PFOSA	17.0		ng/L	24.44		69.7	30-130			
Surrogate: D3-NMeFOSA	15.4		ng/L	24.44		62.9	15-130			
Surrogate: D5-NEtFOSA	16.2		ng/L	24.44		66.2	10-130			
Surrogate: D3-NMeFOSAA	38.5		ng/L	48.88		78.7	45-200			
Surrogate: D5-NEtFOSAA	39.2		ng/L	48.88		80.2	10-200			
Surrogate: D7-NMeFOSE	192		ng/L	244.4		78.6	10-150			
Surrogate: D9-NEtFOSE	193		ng/L	244.4		78.8	10-150			
Surrogate: 13C3-HFPO-DA	84.1		ng/L	97.76		86.1	25-160			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B388547 - Draft Method 1633										
Blank (B388547-BLK1)				Prepared & Analyzed: 10/08/24						
Total Suspended Solids	ND	5.0	mg/L							
LCS (B388547-BS1)				Prepared & Analyzed: 10/08/24						
Total Suspended Solids	208	5.0	mg/L	200.0		104	51.5-130			

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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.
D-04	Sample extracted at a dilution due to insufficient volume provided.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
PF-18	Re-analysis confirmed Extracted Internal Standard failure due to matrix effects.
PF-23	Qualifier ion ratio <50% of associated calibration. Detection is suspect.
S-29	Extracted Internal Standard is outside of control limits.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>Draft Method 1633 in Water</i>	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME,VA
Perfluorobutanoic acid (PFBA)	NH-P,NY,PA,WV,CT
Perfluoropentanoic acid (PFPeA)	NH-P,NY,PA,WV,CT
Perfluorohexanoic acid (PFHxA)	NH-P,NY,PA,WV,CT
Perfluoroheptanoic acid (PFHpA)	NH-P,NY,PA,WV,CT
Perfluorooctanoic acid (PFOA)	NH-P,NY,PA,WV,CT
Perfluorononanoic acid (PFNA)	NH-P,NY,PA,WV,CT
Perfluorodecanoic acid (PFDA)	NH-P,NY,PA,WV,CT
Perfluoroundecanoic acid (PFUnA)	NH-P,NY,PA,WV,CT
Perfluorododecanoic acid (PFDoA)	NH-P,NY,PA,WV,CT
Perfluorotridecanoic acid (PFTrDA)	NH-P,NY,PA,WV,CT
Perfluorotetradecanoic acid (PFTeDA)	NH-P,NY,PA,WV,CT
Perfluorobutanesulfonic acid (PFBS)	NH-P,NY,PA,WV,CT
Perfluoropentanesulfonic acid (PFPeS)	NH-P,NY,PA,WV,CT
Perfluorohexanesulfonic acid (PFHxS)	NH-P,NY,PA,WV,CT
Perfluoroheptanesulfonic acid (PFHpS)	NH-P,NY,PA,WV,CT
Perfluorooctanesulfonic acid (PFOS)	NH-P,NY,PA,WV,CT
Perfluorononanesulfonic acid (PFNS)	NH-P,PA,WV,CT
Perfluorodecanesulfonic acid (PFDS)	NH-P,PA,WV,CT
Perfluorododecanesulfonic acid (PFDoS)	NH-P,PA,WV,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NH-P,PA,WV,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NH-P,NY,PA,WV,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NH-P,NY,PA,WV,CT
Perfluorooctanesulfonamide (PFOSA)	NH-P,PA,WV,CT
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NH-P,PA,WV,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NH-P,PA,WV,CT
N-MeFOSAA (NMeFOSAA)	NH-P,NY,PA,WV,CT
N-EtFOSAA (NEtFOSAA)	NH-P,NY,PA,WV,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NH-P,PA,WV,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NH-P,PA,WV,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NH-P,NY,PA,WV,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NH-P,NY,PA,WV,CT
9Cl-PF3ONS (F53B Minor)	NH-P,NY,PA,WV,CT
11Cl-PF3OUdS (F53B Major)	NH-P,NY,PA,WV,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NH-P,PA,WV,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NH-P,PA,WV,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NH-P,PA,WV,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	NH-P,NY,PA,WV,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NH-P,NY,PA,WV,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	NH-P,PA,WV,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NH-P,PA,WV,CT
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-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
1,1,1-Trichloroethane	CT,ME,NH,VA,NY

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CERTIFICATIONS
Certified Analyses included in this Report

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

SW-846 8270E in Water

1,4-Dioxane	NY,NH
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Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
MA	Massachusetts DEP	M-MA100	06/30/2025
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
RI	Rhode Island Department of Health	LAO00373	12/30/2024
NC	North Carolina Div. of Water Quality	652	12/31/2024
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2025
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2025
WV	West Virginia DEP Division of Water and Waste Management	419	08/31/2025

Anthony Green

	DC#_ Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

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

Client RumbellProject Claremont PolychemicalMCP/RCP Required MADeliverable Package Requirement MALocation C12 Bern Pige, New YorkPWSID# (When Applicable) MA

Arrival Method:

 Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
Received By / Date / Time Brun 10/14/14-800Back-Sheet By / Date / Time 1A 10/17/14-10/1Temperature Method gm # 6WV samples: Yes (see note*) / ☒ No (follow normal procedure)Temp V < 6° C Actual Temperature 2.4/0.2Rush Samples: Yes ☒ No ☐ Notify Short Hold: Yes / ☒ No ☐ Notify

Notes regarding Samples/COC outside of SOP:

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

Additional Container Notes

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

Pace

DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Sample		Soils (ars)				Ambers				Plastics				VOA Vials				Other / Fill in			
		(Circle Amb/Clear)				1 Liter		250ml		100ml		1 Liter		500ml		250ml					
1	16oz Amb/Clear																				
2	8oz Amb/Clear																				
3	4oz Amb/Clear																				
4	2oz Amb/Clear																				
5	Unpreserved																				
6	HCL																				
7	Sulfuric																				
8	Sulfuric																				
9	Phosphoric																				
10	HCl																				
11	Unpreserved																				
12	Unpreserved																				
13	Sulfuric																				
14	Phosphoric																				
15	HCl																				
16	Unpreserved																				
17	Unpreserved																				
18	Sulfuric																				
19	Phosphoric																				
20	HCl																				

October 17, 2024

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 24J1770

Enclosed are results of analyses for samples as received by the laboratory on October 10, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 10/17/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J1770

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

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
BP3A-CP-00-20241008	24J1770-01	Ground Water		SW-846 8260D	
BP3C-CP-00-20241008	24J1770-02	Ground Water		SW-846 8260D	
BP5B-CP-00-20241009	24J1770-03	Ground Water		SW-846 8260D	
BP5C-CP-00-20241009	24J1770-04	Ground Water		SW-846 8260D	
BP12B-CP-00-20241009	24J1770-05	Ground Water		SW-846 8260D	
BP12C-CP-00-20241009	24J1770-06	Ground Water		SW-846 8260D	
BP13B-CP-00-20241009	24J1770-07	Ground Water		SW-846 8260D	
BP13C-CP-00-20241009	24J1770-08	Ground Water		SW-846 8260D	
DW1-CP-00-20241008	24J1770-09	Ground Water		SW-846 8260D	
DW2-CP-00-20241008	24J1770-10	Ground Water		SW-846 8260D	
DW2-CP-01-20241008	24J1770-11	Ground Water		SW-846 8260D	
EW1A-CP-00-20241008	24J1770-12	Ground Water		SW-846 8260D	
EW1B-CP-00-20241008	24J1770-13	Ground Water		SW-846 8260D	
EW1C-CP-00-20241008	24J1770-14	Ground Water		SW-846 8260D	
EW2A-CP-00-20241008	24J1770-15	Ground Water		SW-846 8260D	
EW2B-CP-00-20241008	24J1770-16	Ground Water		SW-846 8260D	
EW2C-CP-00-20241008	24J1770-17	Ground Water		SW-846 8260D	
EW2D-CP-00-20241008	24J1770-18	Ground Water		SW-846 8260D	
EW4A-CP-00-20241009	24J1770-19	Ground Water		SW-846 8260D	
EW4B-CP-00-20241009	24J1770-20	Ground Water		SW-846 8260D	
EW4C-CP-00-20241009	24J1770-21	Ground Water		SW-846 8260D	
EW4D-CP-00-20241009	24J1770-22	Ground Water		SW-846 8260D	
EW5-CP-00-20241008	24J1770-23	Ground Water		SW-846 8260D	
EW7C-CP-00-20241008	24J1770-24	Ground Water		SW-846 8260D	
EW7D-CP-00-20241008	24J1770-25	Ground Water		SW-846 8260D	
EW11D-CP-00-20241009	24J1770-26	Ground Water		SW-846 8260D	
EW12D-CP-00-20241009	24J1770-27	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

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

SW-846 8260D**Qualifications:****L-02**

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

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

B389318-BS1, B389318-BSD1

L-07

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

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B389319-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24J1770-24[EW7C-CP-00-20241008], 24J1770-26[EW11D-CP-00-20241009], 24J1770-27[EW12D-CP-00-20241009]

V-05

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

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

24J1770-15[EW2A-CP-00-20241008], 24J1770-16[EW2B-CP-00-20241008], 24J1770-17[EW2C-CP-00-20241008], 24J1770-18[EW2D-CP-00-20241008], 24J1770-19[EW4A-CP-00-20241009], B389319-BLK1, B389319-BS1, B389319-BSD1, S112266-CCV1

1,2-Dibromo-3-chloropropane (DBCP)

24J1770-15[EW2A-CP-00-20241008], 24J1770-16[EW2B-CP-00-20241008], 24J1770-17[EW2C-CP-00-20241008], 24J1770-18[EW2D-CP-00-20241008], 24J1770-19[EW4A-CP-00-20241009], B389319-BLK1, B389319-BS1, B389319-BSD1, S112266-CCV1

Chloromethane

24J1770-01[BP3A-CP-00-20241008], 24J1770-02[BP3C-CP-00-20241008], 24J1770-03[BP5B-CP-00-20241009], 24J1770-04[BP5C-CP-00-20241009], 24J1770-05[BP12B-CP-00-20241009], 24J1770-06[BP12C-CP-00-20241009], 24J1770-07[BP13B-CP-00-20241009], 24J1770-08[BP13C-CP-00-20241009], 24J1770-09[DW1-CP-00-20241008], 24J1770-10[DW2-CP-00-20241008], 24J1770-11[DW2-CP-01-20241008], 24J1770-12[EW1A-CP-00-20241008], 24J1770-13[EW1B-CP-00-20241008], 24J1770-14[EW1C-CP-00-20241008], 24J1770-15[EW2A-CP-00-20241008], 24J1770-16[EW2B-CP-00-20241008], 24J1770-17[EW2C-CP-00-20241008], 24J1770-18[EW2D-CP-00-20241008], 24J1770-19[EW4A-CP-00-20241009], B389317-BLK1, B389317-BS1, B389317-BSD1, B389319-BLK1, B389319-BS1, B389319-BSD1, S112263-CCV1, S112266-CCV1

Naphthalene

24J1770-15[EW2A-CP-00-20241008], 24J1770-16[EW2B-CP-00-20241008], 24J1770-17[EW2C-CP-00-20241008], 24J1770-18[EW2D-CP-00-20241008], 24J1770-19[EW4A-CP-00-20241009], B389319-BLK1, B389319-BS1, B389319-BSD1, S112266-CCV1

V-20

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

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

B389318-BS1, B389318-BSD1, S112228-CCV1

Bromomethane

B389318-BS1, B389318-BSD1, S112228-CCV1

Chloromethane

B389318-BS1, B389318-BSD1, S112228-CCV1

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

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



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP3A-CP-00-20241008

Sampled: 10/8/2024 07:40

Sample ID: 24J1770-01

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	100	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP3A-CP-00-20241008

Sampled: 10/8/2024 07:40

Sample ID: 24J1770-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:11	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.2	70-130							
Toluene-d8	93.6	70-130							
4-Bromofluorobenzene	96.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP3C-CP-00-20241008

Sampled: 10/8/2024 07:50

Sample ID: 24J1770-02

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	60	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
cis-1,2-Dichloroethylene	3.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP3C-CP-00-20241008

Sampled: 10/8/2024 07:50

Sample ID: 24J1770-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Tetrachloroethylene	8.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:48	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	95.0	70-130							
Toluene-d8	95.0	70-130							
4-Bromofluorobenzene	96.2	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP5B-CP-00-20241009

Sampled: 10/9/2024 07:45

Sample ID: 24J1770-03

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	140	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP5B-CP-00-20241009

Sampled: 10/9/2024 07:45

Sample ID: 24J1770-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:37	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.0	70-130							
Toluene-d8	94.6	70-130							
4-Bromofluorobenzene	97.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP5C-CP-00-20241009

Sampled: 10/9/2024 07:50

Sample ID: 24J1770-04

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	370	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,1-Dichloroethane	3.9	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP5C-CP-00-20241009

Sampled: 10/9/2024 07:50

Sample ID: 24J1770-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,1,1-Trichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Trichloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:03	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.0	70-130							
Toluene-d8	93.4	70-130							
4-Bromofluorobenzene	95.9	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP12B-CP-00-20241009

Sampled: 10/9/2024 08:10

Sample ID: 24J1770-05

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	63	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP12B-CP-00-20241009

Sampled: 10/9/2024 08:10

Sample ID: 24J1770-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:29	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.4	70-130							
Toluene-d8	96.8	70-130							
4-Bromofluorobenzene	93.0	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP12C-CP-00-20241009

Sampled: 10/9/2024 08:15

Sample ID: 24J1770-06

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	56	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP12C-CP-00-20241009

Sampled: 10/9/2024 08:15

Sample ID: 24J1770-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:55	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.6	70-130							
Toluene-d8	98.2	70-130							
4-Bromofluorobenzene	96.9	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP13B-CP-00-20241009

Sampled: 10/9/2024 08:30

Sample ID: 24J1770-07

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	190	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP13B-CP-00-20241009

Sampled: 10/9/2024 08:30

Sample ID: 24J1770-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:21	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.8	70-130							
Toluene-d8	93.2	70-130							
4-Bromofluorobenzene	101	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP13C-CP-00-20241009

Sampled: 10/9/2024 08:35

Sample ID: 24J1770-08

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	200	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: BP13C-CP-00-20241009

Sampled: 10/9/2024 08:35

Sample ID: 24J1770-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:47	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.5	70-130							
Toluene-d8	95.3	70-130							
4-Bromofluorobenzene	95.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW1-CP-00-20241008

Sampled: 10/8/2024 12:40

Sample ID: 24J1770-09

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	370	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
cis-1,2-Dichloroethylene	3.3	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW1-CP-00-20241008

Sampled: 10/8/2024 12:40

Sample ID: 24J1770-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Tetrachloroethylene	1.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:13	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.8	70-130							
Toluene-d8	97.1	70-130							
4-Bromofluorobenzene	95.5	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW2-CP-00-20241008

Sampled: 10/8/2024 13:45

Sample ID: 24J1770-10

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	74	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW2-CP-00-20241008

Sampled: 10/8/2024 13:45

Sample ID: 24J1770-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:39	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	94.3	70-130							
Toluene-d8	96.4	70-130							
4-Bromofluorobenzene	96.3	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW2-CP-01-20241008

Sampled: 10/8/2024 00:00

Sample ID: 24J1770-11

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	79	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: DW2-CP-01-20241008

Sampled: 10/8/2024 00:00

Sample ID: 24J1770-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:05	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.0	70-130							
Toluene-d8	94.5	70-130							
4-Bromofluorobenzene	96.2	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW1A-CP-00-20241008

Sampled: 10/8/2024 12:50

Sample ID: 24J1770-12

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	10/15/24	10/15/24 17:31	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW1A-CP-00-20241008

Sampled: 10/8/2024 12:50

Sample ID: 24J1770-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Tetrachloroethylene	3.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:31	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.1	70-130							
Toluene-d8	94.8	70-130							
4-Bromofluorobenzene	96.7	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW1B-CP-00-20241008

Sampled: 10/8/2024 12:55

Sample ID: 24J1770-13

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	80	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW1B-CP-00-20241008

Sampled: 10/8/2024 12:55

Sample ID: 24J1770-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:56	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	93.1	70-130							
Toluene-d8	94.5	70-130							
4-Bromofluorobenzene	95.9	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EWIC-CP-00-20241008

Sampled: 10/8/2024 13:00

Sample ID: 24J1770-14

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	100	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EWIC-CP-00-20241008

Sampled: 10/8/2024 13:00

Sample ID: 24J1770-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:22	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	94.4	70-130							
Toluene-d8	94.1	70-130							
4-Bromofluorobenzene	97.5	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2A-CP-00-20241008

Sampled: 10/8/2024 08:35

Sample ID: 24J1770-15

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	110	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,1-Dichloroethane	1.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 23:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2A-CP-00-20241008

Sampled: 10/8/2024 08:35

Sample ID: 24J1770-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 23:34	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.3	70-130							
Toluene-d8	94.4	70-130							
4-Bromofluorobenzene	98.0	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2B-CP-00-20241008

Sampled: 10/8/2024 08:25

Sample ID: 24J1770-16

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	88	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:00	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2B-CP-00-20241008

Sampled: 10/8/2024 08:25

Sample ID: 24J1770-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:00	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.6	70-130						10/16/24 0:00	
Toluene-d8	94.1	70-130						10/16/24 0:00	
4-Bromofluorobenzene	94.5	70-130						10/16/24 0:00	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2C-CP-00-20241008

Sampled: 10/8/2024 08:30

Sample ID: 24J1770-17

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	550	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2C-CP-00-20241008

Sampled: 10/8/2024 08:30

Sample ID: 24J1770-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:26	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.7	70-130							
Toluene-d8	93.8	70-130							
4-Bromofluorobenzene	95.8	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2D-CP-00-20241008

Sampled: 10/8/2024 08:20

Sample ID: 24J1770-18

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	220	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW2D-CP-00-20241008

Sampled: 10/8/2024 08:20

Sample ID: 24J1770-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 0:52	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.8	70-130						10/16/24 0:52	
Toluene-d8	93.3	70-130						10/16/24 0:52	
4-Bromofluorobenzene	94.5	70-130						10/16/24 0:52	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4A-CP-00-20241009

Sampled: 10/9/2024 10:10

Sample ID: 24J1770-19

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	180	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
cis-1,2-Dichloroethylene	22	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:18	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4A-CP-00-20241009

Sampled: 10/9/2024 10:10

Sample ID: 24J1770-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Tetrachloroethylene	17	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Trichloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:18	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.8	70-130							
Toluene-d8	95.4	70-130							
4-Bromofluorobenzene	99.1	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4B-CP-00-20241009

Sampled: 10/9/2024 10:15

Sample ID: 24J1770-20

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	330	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4B-CP-00-20241009

Sampled: 10/9/2024 10:15

Sample ID: 24J1770-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Tetrachloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Trichloroethylene	2.0	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 11:52	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	106	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	91.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4C-CP-00-20241009

Sampled: 10/9/2024 10:20

Sample ID: 24J1770-21

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	190	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4C-CP-00-20241009

Sampled: 10/9/2024 10:20

Sample ID: 24J1770-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Tetrachloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Trichloroethylene	19	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:19	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	95.9	70-130							
Toluene-d8	100	70-130							
4-Bromofluorobenzene	89.4	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4D-CP-00-20241009

Sampled: 10/9/2024 10:25

Sample ID: 24J1770-22

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	130	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW4D-CP-00-20241009

Sampled: 10/9/2024 10:25

Sample ID: 24J1770-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 12:46	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	101	70-130							
Toluene-d8	99.1	70-130							
4-Bromofluorobenzene	90.5	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW5-CP-00-20241008

Sampled: 10/8/2024 13:10

Sample ID: 24J1770-23

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	140	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW5-CP-00-20241008

Sampled: 10/8/2024 13:10

Sample ID: 24J1770-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:13	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	95.8	70-130							
Toluene-d8	99.0	70-130							
4-Bromofluorobenzene	91.2	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW7C-CP-00-20241008

Sampled: 10/8/2024 14:05

Sample ID: 24J1770-24

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	360	100	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Benzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
cis-1,2-Dichloroethylene	3.1	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Styrene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW7C-CP-00-20241008

Sampled: 10/8/2024 14:05

Sample ID: 24J1770-24

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Tetrachloroethylene	16	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Trichloroethylene	260	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:00	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	102	70-130						10/15/24 19:00	
Toluene-d8	101	70-130						10/15/24 19:00	
4-Bromofluorobenzene	89.6	70-130						10/15/24 19:00	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW7D-CP-00-20241008

Sampled: 10/8/2024 14:00

Sample ID: 24J1770-25

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	77	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW7D-CP-00-20241008

Sampled: 10/8/2024 14:00

Sample ID: 24J1770-25

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Tetrachloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:39	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	101	70-130							
Toluene-d8	98.5	70-130							
4-Bromofluorobenzene	88.8	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW11D-CP-00-20241009

Sampled: 10/9/2024 09:55

Sample ID: 24J1770-26

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	380	100	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Benzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Bromoform	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Bromomethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Carbon Disulfide	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Chloroethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Chloroform	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Chloromethane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Cyclohexane	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,1-Dichloroethane	3.5	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,1-Dichloroethylene	23	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
cis-1,2-Dichloroethylene	4.6	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
trans-1,2-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
trans-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Methyl Acetate	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Methyl Cyclohexane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Methylene Chloride	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Naphthalene	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Styrene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW11D-CP-00-20241009

Sampled: 10/9/2024 09:55

Sample ID: 24J1770-26

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Tetrachloroethylene	47	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Toluene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,1,1-Trichloroethane	10	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Trichloroethylene	170	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Vinyl Chloride	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
o-Xylene	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Xylenes (total)	ND	2.0	µg/L	2		SW-846 8260D	10/15/24	10/15/24 19:27	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	107	70-130						10/15/24 19:27	
Toluene-d8	102	70-130						10/15/24 19:27	
4-Bromofluorobenzene	89.6	70-130						10/15/24 19:27	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW12D-CP-00-20241009

Sampled: 10/9/2024 10:05

Sample ID: 24J1770-27

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Benzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Chloromethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Cyclohexane	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
cis-1,2-Dichloroethylene	6.0	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Styrene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1770

Date Received: 10/10/2024

Field Sample #: EW12D-CP-00-20241009

Sampled: 10/9/2024 10:05

Sample ID: 24J1770-27

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Tetrachloroethylene	19	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Toluene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Trichloroethylene	370	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Xylenes (total)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 19:54	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.9	70-130						10/15/24 19:54	
Toluene-d8	97.3	70-130						10/15/24 19:54	
4-Bromofluorobenzene	89.9	70-130						10/15/24 19:54	

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
24J1770-01 [BP3A-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-02 [BP3C-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-03 [BP5B-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-04 [BP5C-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-05 [BP12B-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-06 [BP12C-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-07 [BP13B-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-08 [BP13C-CP-00-20241009]	B389317	5	5.00	10/15/24
24J1770-09 [DW1-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-10 [DW2-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-11 [DW2-CP-01-20241008]	B389317	5	5.00	10/15/24
24J1770-12 [EW1A-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-13 [EW1B-CP-00-20241008]	B389317	5	5.00	10/15/24
24J1770-14 [EW1C-CP-00-20241008]	B389317	5	5.00	10/15/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J1770-20 [EW4B-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1770-21 [EW4C-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1770-22 [EW4D-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1770-23 [EW5-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1770-24 [EW7C-CP-00-20241008]	B389318	2.5	5.00	10/15/24
24J1770-25 [EW7D-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1770-26 [EW11D-CP-00-20241009]	B389318	2.5	5.00	10/15/24
24J1770-27 [EW12D-CP-00-20241009]	B389318	1.25	5.00	10/15/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J1770-15 [EW2A-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1770-16 [EW2B-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1770-17 [EW2C-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1770-18 [EW2D-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1770-19 [EW4A-CP-00-20241009]	B389319	5	5.00	10/15/24

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B389317 - SW-846 5030B										
Blank (B389317-BLK1)				Prepared & Analyzed: 10/15/24						
Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	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							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B389317 - SW-846 5030B
Blank (B389317-BLK1)

Prepared & Analyzed: 10/15/24

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							
Xylenes (total)	ND	1.0	µg/L							

Surrogate: 1,2-Dichloroethane-d4	23.5		µg/L	25.00		94.1	70-130			
Surrogate: Toluene-d8	23.6		µg/L	25.00		94.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.3		µg/L	25.00		97.2	70-130			

LCS (B389317-BS1)

Prepared & Analyzed: 10/15/24

Acetone	90.7	50	µg/L	100.0		90.7	70-160			†
Benzene	9.41	1.0	µg/L	10.00		94.1	70-130			
Bromochloromethane	10.3	1.0	µg/L	10.00		103	70-130			
Bromodichloromethane	10.8	0.50	µg/L	10.00		108	70-130			
Bromoform	10.3	1.0	µg/L	10.00		103	70-130			
Bromomethane	12.0	2.0	µg/L	10.00		120	40-160			†
2-Butanone (MEK)	86.8	20	µg/L	100.0		86.8	40-160			†
n-Butylbenzene	9.58	1.0	µg/L	10.00		95.8	70-130			
sec-Butylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
tert-Butylbenzene	9.68	1.0	µg/L	10.00		96.8	70-130			
Carbon Disulfide	115	5.0	µg/L	100.0		115	70-130			
Carbon Tetrachloride	9.30	5.0	µg/L	10.00		93.0	70-130			
Chlorobenzene	10.9	1.0	µg/L	10.00		109	70-130			
Chlorodibromomethane	10.7	0.50	µg/L	10.00		107	70-130			
Chloroethane	9.85	2.0	µg/L	10.00		98.5	70-130			
Chloroform	9.98	2.0	µg/L	10.00		99.8	70-130			
Chloromethane	7.33	2.0	µg/L	10.00		73.3	40-160		V-05	†
Cyclohexane	8.51	5.0	µg/L	10.00		85.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.34	5.0	µg/L	10.00		83.4	70-130			
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.00		114	70-130			
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Dichlorodifluoromethane (Freon 12)	8.68	2.0	µg/L	10.00		86.8	40-160			†
1,1-Dichloroethane	8.87	1.0	µg/L	10.00		88.7	70-130			
1,2-Dichloroethane	11.6	1.0	µg/L	10.00		116	70-130			
1,1-Dichloroethylene	9.78	1.0	µg/L	10.00		97.8	70-130			
cis-1,2-Dichloroethylene	9.60	1.0	µg/L	10.00		96.0	70-130			
trans-1,2-Dichloroethylene	9.35	1.0	µg/L	10.00		93.5	70-130			
1,2-Dichloropropane	9.88	1.0	µg/L	10.00		98.8	70-130			
cis-1,3-Dichloropropene	9.98	0.50	µg/L	10.00		99.8	70-130			
trans-1,3-Dichloropropene	10.0	0.50	µg/L	10.00		100	70-130			
Ethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
2-Hexanone (MBK)	92.6	10	µg/L	100.0		92.6	70-160			†
Isopropylbenzene (Cumene)	10.4	1.0	µg/L	10.00		104	70-130			
p-Isopropyltoluene (p-Cymene)	9.47	1.0	µg/L	10.00		94.7	70-130			
Methyl Acetate	8.78	1.0	µg/L	10.00		87.8	70-130			
Methyl tert-Butyl Ether (MTBE)	9.57	1.0	µg/L	10.00		95.7	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
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Batch B389317 - SW-846 5030B
LCS (B389317-BS1)

Prepared & Analyzed: 10/15/24

Methyl Cyclohexane	10.4	1.0	µg/L	10.00		104	70-130			
Methylene Chloride	8.43	5.0	µg/L	10.00		84.3	70-130			
4-Methyl-2-pentanone (MIBK)	94.8	10	µg/L	100.0		94.8	70-160			†
Naphthalene	7.32	2.0	µg/L	10.00		73.2	40-130			†
n-Propylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Styrene	11.0	1.0	µg/L	10.00		110	70-130			
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.00		110	70-130			
Tetrachloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
Toluene	9.87	1.0	µg/L	10.00		98.7	70-130			
1,2,3-Trichlorobenzene	7.65	5.0	µg/L	10.00		76.5	70-130			
1,2,4-Trichlorobenzene	9.04	1.0	µg/L	10.00		90.4	70-130			
1,1,1-Trichloroethane	9.83	1.0	µg/L	10.00		98.3	70-130			
1,1,2-Trichloroethane	10.8	1.0	µg/L	10.00		108	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	11.1	2.0	µg/L	10.00		111	70-130			
1,2,3-Trichloropropane	11.7	2.0	µg/L	10.00		117	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.00		110	70-130			
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.00		106	70-130			
Vinyl Chloride	9.05	2.0	µg/L	10.00		90.5	40-160			†
m+p Xylene	20.8	2.0	µg/L	20.00		104	70-130			
o-Xylene	10.6	1.0	µg/L	10.00		106	70-130			
Xylenes (total)	31.4	1.0	µg/L	30.00		105	0-200			
Surrogate: 1,2-Dichloroethane-d4	24.6		µg/L	25.00		98.4	70-130			
Surrogate: Toluene-d8	23.7		µg/L	25.00		94.8	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.00		96.6	70-130			

LCS Dup (B389317-BSD1)

Prepared & Analyzed: 10/15/24

Acetone	100	50	µg/L	100.0		100	70-160	10.1	25	†
Benzene	8.97	1.0	µg/L	10.00		89.7	70-130	4.79	25	
Bromochloromethane	9.82	1.0	µg/L	10.00		98.2	70-130	4.58	25	
Bromodichloromethane	9.95	0.50	µg/L	10.00		99.5	70-130	7.82	25	
Bromoform	9.84	1.0	µg/L	10.00		98.4	70-130	4.67	25	
Bromomethane	9.72	2.0	µg/L	10.00		97.2	40-160	21.1	25	†
2-Butanone (MEK)	97.9	20	µg/L	100.0		97.9	40-160	12.1	25	†
n-Butylbenzene	9.16	1.0	µg/L	10.00		91.6	70-130	4.48	25	
sec-Butylbenzene	9.30	1.0	µg/L	10.00		93.0	70-130	4.11	25	
tert-Butylbenzene	9.40	1.0	µg/L	10.00		94.0	70-130	2.94	25	
Carbon Disulfide	96.3	5.0	µg/L	100.0		96.3	70-130	17.3	25	
Carbon Tetrachloride	8.90	5.0	µg/L	10.00		89.0	70-130	4.40	25	
Chlorobenzene	10.5	1.0	µg/L	10.00		105	70-130	3.27	25	
Chlorodibromomethane	10.3	0.50	µg/L	10.00		103	70-130	4.01	25	
Chloroethane	9.71	2.0	µg/L	10.00		97.1	70-130	1.43	25	
Chloroform	9.65	2.0	µg/L	10.00		96.5	70-130	3.36	25	
Chloromethane	6.74	2.0	µg/L	10.00		67.4	40-160	8.39	25	V-05 †
Cyclohexane	7.63	5.0	µg/L	10.00		76.3	70-130	10.9	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.67	5.0	µg/L	10.00		86.7	70-130	3.88	25	
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130	7.93	25	
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130	3.54	25	
1,3-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130	2.29	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	3.66	25	
Dichlorodifluoromethane (Freon 12)	7.33	2.0	µg/L	10.00		73.3	40-160	16.9	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
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Batch B389317 - SW-846 5030B
LCS Dup (B389317-BSD1)

Prepared & Analyzed: 10/15/24

1,1-Dichloroethane	8.67	1.0	µg/L	10.00		86.7	70-130	2.28	25	
1,2-Dichloroethane	10.8	1.0	µg/L	10.00		108	70-130	6.25	25	
1,1-Dichloroethylene	9.30	1.0	µg/L	10.00		93.0	70-130	5.03	25	
cis-1,2-Dichloroethylene	9.09	1.0	µg/L	10.00		90.9	70-130	5.46	25	
trans-1,2-Dichloroethylene	8.93	1.0	µg/L	10.00		89.3	70-130	4.60	25	
1,2-Dichloropropane	9.44	1.0	µg/L	10.00		94.4	70-130	4.55	25	
cis-1,3-Dichloropropene	9.41	0.50	µg/L	10.00		94.1	70-130	5.88	25	
trans-1,3-Dichloropropene	9.51	0.50	µg/L	10.00		95.1	70-130	5.42	25	
Ethylbenzene	10.0	1.0	µg/L	10.00		100	70-130	4.48	25	
2-Hexanone (MBK)	102	10	µg/L	100.0		102	70-160	9.90	25	†
Isopropylbenzene (Cumene)	10.0	1.0	µg/L	10.00		100	70-130	3.72	25	
p-Isopropyltoluene (p-Cymene)	9.15	1.0	µg/L	10.00		91.5	70-130	3.44	25	
Methyl Acetate	10.3	1.0	µg/L	10.00		103	70-130	16.1	25	
Methyl tert-Butyl Ether (MTBE)	9.02	1.0	µg/L	10.00		90.2	70-130	5.92	25	
Methyl Cyclohexane	9.52	1.0	µg/L	10.00		95.2	70-130	9.03	25	
Methylene Chloride	8.00	5.0	µg/L	10.00		80.0	70-130	5.23	25	
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100.0		105	70-160	9.92	25	†
Naphthalene	7.98	2.0	µg/L	10.00		79.8	40-130	8.63	25	†
n-Propylbenzene	9.77	1.0	µg/L	10.00		97.7	70-130	5.77	25	
Styrene	10.4	1.0	µg/L	10.00		104	70-130	5.63	25	
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.00		106	70-130	3.43	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.00		109	70-130	7.26	25	
Toluene	9.40	1.0	µg/L	10.00		94.0	70-130	4.88	25	
1,2,3-Trichlorobenzene	8.38	5.0	µg/L	10.00		83.8	70-130	9.11	25	
1,2,4-Trichlorobenzene	9.50	1.0	µg/L	10.00		95.0	70-130	4.96	25	
1,1,1-Trichloroethane	9.58	1.0	µg/L	10.00		95.8	70-130	2.58	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130	2.91	25	
Trichloroethylene	9.85	1.0	µg/L	10.00		98.5	70-130	5.82	25	
Trichlorofluoromethane (Freon 11)	9.87	2.0	µg/L	10.00		98.7	70-130	11.8	25	
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.00		115	70-130	1.81	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.89	1.0	µg/L	10.00		98.9	70-130	10.4	25	
1,2,4-Trimethylbenzene	9.74	1.0	µg/L	10.00		97.4	70-130	3.43	25	
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	5.21	25	
Vinyl Chloride	8.29	2.0	µg/L	10.00		82.9	40-160	8.77	25	†
m+p Xylene	19.8	2.0	µg/L	20.00		99.0	70-130	5.22	25	
o-Xylene	9.96	1.0	µg/L	10.00		99.6	70-130	5.75	25	
Xylenes (total)	29.8	1.0	µg/L	30.00		99.2	0-200	5.40		
Surrogate: 1,2-Dichloroethane-d4	24.8		µg/L	25.00		99.4	70-130			
Surrogate: Toluene-d8	23.3		µg/L	25.00		93.3	70-130			
Surrogate: 4-Bromofluorobenzene	24.4		µg/L	25.00		97.6	70-130			

Batch B389318 - SW-846 5030B
Blank (B389318-BLK1)

Prepared & Analyzed: 10/15/24

Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	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
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Batch B389318 - SW-846 5030B
Blank (B389318-BLK1)

Prepared & Analyzed: 10/15/24

sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	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							
1,1,1-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							

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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 B389318 - SW-846 5030B										
Blank (B389318-BLK1)				Prepared & Analyzed: 10/15/24						
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.1		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	22.7		µg/L	25.00		90.7	70-130			
LCS (B389318-BS1)				Prepared & Analyzed: 10/15/24						
Acetone	128	50	µg/L	100.0		128	70-160			†
Benzene	11.1	1.0	µg/L	10.00		111	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.00		115	70-130			V-20
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130			
Bromoform	8.52	1.0	µg/L	10.00		85.2	70-130			
Bromomethane	12.7	2.0	µg/L	10.00		127	40-160		V-20	†
2-Butanone (MEK)	141	20	µg/L	100.0		141	40-160			†
n-Butylbenzene	9.78	1.0	µg/L	10.00		97.8	70-130			
sec-Butylbenzene	9.21	1.0	µg/L	10.00		92.1	70-130			
tert-Butylbenzene	8.83	1.0	µg/L	10.00		88.3	70-130			
Carbon Disulfide	106	5.0	µg/L	100.0		106	70-130			
Carbon Tetrachloride	9.94	5.0	µg/L	10.00		99.4	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
Chlorodibromomethane	10.1	0.50	µg/L	10.00		101	70-130			
Chloroethane	11.3	2.0	µg/L	10.00		113	70-130			
Chloroform	10.9	2.0	µg/L	10.00		109	70-130			
Chloromethane	28.0	2.0	µg/L	10.00		280	* 40-160		L-02, V-20	†
Cyclohexane	9.34	5.0	µg/L	10.00		93.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.00		89.0	70-130			
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130			
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
Dichlorodifluoromethane (Freon 12)	8.66	2.0	µg/L	10.00		86.6	40-160			†
1,1-Dichloroethane	11.6	1.0	µg/L	10.00		116	70-130			
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
trans-1,3-Dichloropropene	9.84	0.50	µg/L	10.00		98.4	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	110	10	µg/L	100.0		110	70-160			†
Isopropylbenzene (Cumene)	9.65	1.0	µg/L	10.00		96.5	70-130			
p-Isopropyltoluene (p-Cymene)	9.43	1.0	µg/L	10.00		94.3	70-130			
Methyl Acetate	12.1	1.0	µg/L	10.00		121	70-130			
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.00		111	70-130			
Methyl Cyclohexane	10.1	1.0	µg/L	10.00		101	70-130			
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130			
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100.0		109	70-160			†
Naphthalene	8.50	2.0	µg/L	10.00		85.0	40-130			†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Styrene	9.85	1.0	µg/L	10.00		98.5	70-130			
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.00		107	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 B389318 - SW-846 5030B										
LCS (B389318-BS1)										
Prepared & Analyzed: 10/15/24										
Tetrachloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.00		102	70-130			
1,2,4-Trichlorobenzene	9.56	1.0	µg/L	10.00		95.6	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.00		112	70-130			
1,2,3-Trichloropropane	12.6	2.0	µg/L	10.00		126	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.00		107	70-130			
1,2,4-Trimethylbenzene	9.58	1.0	µg/L	10.00		95.8	70-130			
1,3,5-Trimethylbenzene	9.93	1.0	µg/L	10.00		99.3	70-130			
Vinyl Chloride	10.7	2.0	µg/L	10.00		107	40-160			†
m+p Xylene	20.1	2.0	µg/L	20.00		100	70-130			
o-Xylene	9.74	1.0	µg/L	10.00		97.4	70-130			
Xylenes (total)	29.8	1.0	µg/L	30.00		99.4	0-200			
Surrogate: 1,2-Dichloroethane-d4	26.0		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	26.3		µg/L	25.00		105	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.00		99.9	70-130			
LCS Dup (B389318-BS1)										
Prepared & Analyzed: 10/15/24										
Acetone	102	50	µg/L	100.0		102	70-160	22.0	25	†
Benzene	12.1	1.0	µg/L	10.00		121	70-130	8.72	25	
Bromochloromethane	11.2	1.0	µg/L	10.00		112	70-130	3.44	25	V-20
Bromodichloromethane	9.49	0.50	µg/L	10.00		94.9	70-130	11.0	25	
Bromoform	7.97	1.0	µg/L	10.00		79.7	70-130	6.67	25	
Bromomethane	11.3	2.0	µg/L	10.00		113	40-160	11.6	25	V-20 †
2-Butanone (MEK)	110	20	µg/L	100.0		110	40-160	24.1	25	†
n-Butylbenzene	9.84	1.0	µg/L	10.00		98.4	70-130	0.612	25	
sec-Butylbenzene	9.53	1.0	µg/L	10.00		95.3	70-130	3.42	25	
tert-Butylbenzene	9.12	1.0	µg/L	10.00		91.2	70-130	3.23	25	
Carbon Disulfide	96.5	5.0	µg/L	100.0		96.5	70-130	9.35	25	
Carbon Tetrachloride	9.42	5.0	µg/L	10.00		94.2	70-130	5.37	25	
Chlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	2.25	25	
Chlorodibromomethane	8.75	0.50	µg/L	10.00		87.5	70-130	14.3	25	
Chloroethane	10.1	2.0	µg/L	10.00		101	70-130	11.1	25	
Chloroform	10.7	2.0	µg/L	10.00		107	70-130	1.94	25	
Chloromethane	25.0	2.0	µg/L	10.00		250	* 40-160	11.1	25	L-02, V-20 †
Cyclohexane	9.94	5.0	µg/L	10.00		99.4	70-130	6.22	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.53	5.0	µg/L	10.00		85.3	70-130	4.25	25	
1,2-Dibromoethane (EDB)	8.79	0.50	µg/L	10.00		87.9	70-130	20.0	25	
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.05	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	0.188	25	
1,4-Dichlorobenzene	9.84	1.0	µg/L	10.00		98.4	70-130	2.11	25	
Dichlorodifluoromethane (Freon 12)	7.95	2.0	µg/L	10.00		79.5	40-160	8.55	25	†
1,1-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130	12.4	25	
1,2-Dichloroethane	10.5	1.0	µg/L	10.00		105	70-130	0.191	25	
1,1-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	9.16	25	
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	10.3	25	
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.00		101	70-130	9.82	25	
1,2-Dichloropropane	11.0	1.0	µg/L	10.00		110	70-130	3.98	25	
cis-1,3-Dichloropropene	8.96	0.50	µg/L	10.00		89.6	70-130	17.4	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
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Batch B389318 - SW-846 5030B
LCS Dup (B389318-BS1)

Prepared & Analyzed: 10/15/24

trans-1,3-Dichloropropene	8.32	0.50	µg/L	10.00		83.2	70-130	16.7	25	
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	1.85	25	
2-Hexanone (MBK)	86.2	10	µg/L	100.0		86.2	70-160	23.9	25	†
Isopropylbenzene (Cumene)	9.66	1.0	µg/L	10.00		96.6	70-130	0.104	25	
p-Isopropyltoluene (p-Cymene)	9.59	1.0	µg/L	10.00		95.9	70-130	1.68	25	
Methyl Acetate	10.4	1.0	µg/L	10.00		104	70-130	15.1	25	
Methyl tert-Butyl Ether (MTBE)	9.84	1.0	µg/L	10.00		98.4	70-130	11.7	25	
Methyl Cyclohexane	10.4	1.0	µg/L	10.00		104	70-130	3.03	25	
Methylene Chloride	9.96	5.0	µg/L	10.00		99.6	70-130	10.4	25	
4-Methyl-2-pentanone (MIBK)	87.7	10	µg/L	100.0		87.7	70-160	21.9	25	†
Naphthalene	7.69	2.0	µg/L	10.00		76.9	40-130	10.0	25	†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.00	25	
Styrene	10.1	1.0	µg/L	10.00		101	70-130	2.21	25	
1,1,2,2-Tetrachloroethane	9.91	0.50	µg/L	10.00		99.1	70-130	8.04	25	
Tetrachloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130	13.3	25	
Toluene	9.65	1.0	µg/L	10.00		96.5	70-130	9.57	25	
1,2,3-Trichlorobenzene	10.3	5.0	µg/L	10.00		103	70-130	0.390	25	
1,2,4-Trichlorobenzene	9.42	1.0	µg/L	10.00		94.2	70-130	1.48	25	
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	2.04	25	
1,1,2-Trichloroethane	9.57	1.0	µg/L	10.00		95.7	70-130	18.5	25	
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	3.49	25	
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.00		104	70-130	7.71	25	
1,2,3-Trichloropropane	11.9	2.0	µg/L	10.00		119	70-130	5.56	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130	5.86	25	
1,2,4-Trimethylbenzene	9.66	1.0	µg/L	10.00		96.6	70-130	0.832	25	
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	0.505	25	
Vinyl Chloride	9.75	2.0	µg/L	10.00		97.5	40-160	9.10	25	†
m+p Xylene	20.8	2.0	µg/L	20.00		104	70-130	3.52	25	
o-Xylene	9.99	1.0	µg/L	10.00		99.9	70-130	2.53	25	
Xylenes (total)	30.8	1.0	µg/L	30.00		103	0-200	3.20		
Surrogate: 1,2-Dichloroethane-d4	25.5		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	23.0		µg/L	25.00		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.00		98.3	70-130			

Batch B389319 - SW-846 5030B
Blank (B389319-BLK1)

Prepared & Analyzed: 10/15/24

Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							

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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 B389319 - SW-846 5030B										
Blank (B389319-BLK1)				Prepared & Analyzed: 10/15/24						
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05
1,2,4-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							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.4	70-130			
Surrogate: Toluene-d8	23.6		µg/L	25.00		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.3	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 B389319 - SW-846 5030B										
LCS (B389319-BS1)				Prepared & Analyzed: 10/15/24						
Acetone	97.5	50	µg/L	100.0		97.5	70-160			†
Benzene	9.21	1.0	µg/L	10.00		92.1	70-130			
Bromochloromethane	9.71	1.0	µg/L	10.00		97.1	70-130			
Bromodichloromethane	9.81	0.50	µg/L	10.00		98.1	70-130			
Bromoform	9.27	1.0	µg/L	10.00		92.7	70-130			
Bromomethane	11.3	2.0	µg/L	10.00		113	40-160			†
2-Butanone (MEK)	95.2	20	µg/L	100.0		95.2	40-160			†
n-Butylbenzene	8.68	1.0	µg/L	10.00		86.8	70-130			
sec-Butylbenzene	9.11	1.0	µg/L	10.00		91.1	70-130			
tert-Butylbenzene	9.20	1.0	µg/L	10.00		92.0	70-130			
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130			
Carbon Tetrachloride	8.83	5.0	µg/L	10.00		88.3	70-130			
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
Chlorodibromomethane	9.69	0.50	µg/L	10.00		96.9	70-130			
Chloroethane	10.6	2.0	µg/L	10.00		106	70-130			
Chloroform	9.31	2.0	µg/L	10.00		93.1	70-130			
Chloromethane	7.49	2.0	µg/L	10.00		74.9	40-160			V-05 †
Cyclohexane	8.03	5.0	µg/L	10.00		80.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.61	5.0	µg/L	10.00		76.1	70-130			V-05
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130			
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,4-Dichlorobenzene	9.93	1.0	µg/L	10.00		99.3	70-130			
Dichlorodifluoromethane (Freon 12)	7.67	2.0	µg/L	10.00		76.7	40-160			†
1,1-Dichloroethane	8.71	1.0	µg/L	10.00		87.1	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	9.28	1.0	µg/L	10.00		92.8	70-130			
cis-1,2-Dichloroethylene	8.83	1.0	µg/L	10.00		88.3	70-130			
trans-1,2-Dichloroethylene	9.14	1.0	µg/L	10.00		91.4	70-130			
1,2-Dichloropropane	9.45	1.0	µg/L	10.00		94.5	70-130			
cis-1,3-Dichloropropene	9.14	0.50	µg/L	10.00		91.4	70-130			
trans-1,3-Dichloropropene	9.16	0.50	µg/L	10.00		91.6	70-130			
Ethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130			
2-Hexanone (MBK)	97.1	10	µg/L	100.0		97.1	70-160			†
Isopropylbenzene (Cumene)	9.86	1.0	µg/L	10.00		98.6	70-130			
p-Isopropyltoluene (p-Cymene)	8.79	1.0	µg/L	10.00		87.9	70-130			
Methyl Acetate	11.0	1.0	µg/L	10.00		110	70-130			
Methyl tert-Butyl Ether (MTBE)	8.80	1.0	µg/L	10.00		88.0	70-130			
Methyl Cyclohexane	9.46	1.0	µg/L	10.00		94.6	70-130			
Methylene Chloride	8.44	5.0	µg/L	10.00		84.4	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100.0		101	70-160			†
Naphthalene	6.91	2.0	µg/L	10.00		69.1	40-130			V-05 †
n-Propylbenzene	9.73	1.0	µg/L	10.00		97.3	70-130			
Styrene	10.1	1.0	µg/L	10.00		101	70-130			
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130			
Tetrachloroethylene	10.5	1.0	µg/L	10.00		105	70-130			
Toluene	9.35	1.0	µg/L	10.00		93.5	70-130			
1,2,3-Trichlorobenzene	7.34	5.0	µg/L	10.00		73.4	70-130			V-05
1,2,4-Trichlorobenzene	8.33	1.0	µg/L	10.00		83.3	70-130			
1,1,1-Trichloroethane	9.11	1.0	µg/L	10.00		91.1	70-130			
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
Trichloroethylene	10.1	1.0	µg/L	10.00		101	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 B389319 - SW-846 5030B										
LCS (B389319-BS1)				Prepared & Analyzed: 10/15/24						
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130			
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.00		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74	1.0	µg/L	10.00		97.4	70-130			
1,2,4-Trimethylbenzene	9.52	1.0	µg/L	10.00		95.2	70-130			
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Vinyl Chloride	8.94	2.0	µg/L	10.00		89.4	40-160			†
m+p Xylene	19.5	2.0	µg/L	20.00		97.4	70-130			
o-Xylene	9.72	1.0	µg/L	10.00		97.2	70-130			
Xylenes (total)	29.2	1.0	µg/L	30.00		97.4	0-200			
Surrogate: 1,2-Dichloroethane-d4	22.7		µg/L	25.00		91.0	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.00		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.2	70-130			
LCS Dup (B389319-BSD1)				Prepared & Analyzed: 10/15/24						
Acetone	94.5	50	µg/L	100.0		94.5	70-160	3.10	25	†
Benzene	9.44	1.0	µg/L	10.00		94.4	70-130	2.47	25	
Bromochloromethane	9.70	1.0	µg/L	10.00		97.0	70-130	0.103	25	
Bromodichloromethane	10.0	0.50	µg/L	10.00		100	70-130	2.42	25	
Bromoform	9.43	1.0	µg/L	10.00		94.3	70-130	1.71	25	
Bromomethane	9.76	2.0	µg/L	10.00		97.6	40-160	14.9	25	†
2-Butanone (MEK)	90.7	20	µg/L	100.0		90.7	40-160	4.78	25	†
n-Butylbenzene	8.87	1.0	µg/L	10.00		88.7	70-130	2.17	25	
sec-Butylbenzene	9.21	1.0	µg/L	10.00		92.1	70-130	1.09	25	
tert-Butylbenzene	9.33	1.0	µg/L	10.00		93.3	70-130	1.40	25	
Carbon Disulfide	107	5.0	µg/L	100.0		107	70-130	2.46	25	
Carbon Tetrachloride	8.87	5.0	µg/L	10.00		88.7	70-130	0.452	25	
Chlorobenzene	10.5	1.0	µg/L	10.00		105	70-130	1.53	25	
Chlorodibromomethane	9.76	0.50	µg/L	10.00		97.6	70-130	0.720	25	
Chloroethane	11.0	2.0	µg/L	10.00		110	70-130	3.52	25	
Chloroform	9.54	2.0	µg/L	10.00		95.4	70-130	2.44	25	
Chloromethane	7.75	2.0	µg/L	10.00		77.5	40-160	3.41	25	V-05 †
Cyclohexane	8.26	5.0	µg/L	10.00		82.6	70-130	2.82	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.40	5.0	µg/L	10.00		74.0	70-130	2.80	25	V-05
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130	1.85	25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.88	25	
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.38	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	2.58	25	
Dichlorodifluoromethane (Freon 12)	8.10	2.0	µg/L	10.00		81.0	40-160	5.45	25	†
1,1-Dichloroethane	8.94	1.0	µg/L	10.00		89.4	70-130	2.61	25	
1,2-Dichloroethane	10.6	1.0	µg/L	10.00		106	70-130	4.05	25	
1,1-Dichloroethylene	9.53	1.0	µg/L	10.00		95.3	70-130	2.66	25	
cis-1,2-Dichloroethylene	9.05	1.0	µg/L	10.00		90.5	70-130	2.46	25	
trans-1,2-Dichloroethylene	9.11	1.0	µg/L	10.00		91.1	70-130	0.329	25	
1,2-Dichloropropane	9.76	1.0	µg/L	10.00		97.6	70-130	3.23	25	
cis-1,3-Dichloropropene	9.33	0.50	µg/L	10.00		93.3	70-130	2.06	25	
trans-1,3-Dichloropropene	9.08	0.50	µg/L	10.00		90.8	70-130	0.877	25	
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	3.09	25	
2-Hexanone (MBK)	94.8	10	µg/L	100.0		94.8	70-160	2.40	25	†
Isopropylbenzene (Cumene)	10.0	1.0	µg/L	10.00		100	70-130	1.51	25	
p-Isopropyltoluene (p-Cymene)	8.98	1.0	µg/L	10.00		89.8	70-130	2.14	25	
Methyl Acetate	11.1	1.0	µg/L	10.00		111	70-130	1.36	25	
Methyl tert-Butyl Ether (MTBE)	8.73	1.0	µg/L	10.00		87.3	70-130	0.799	25	

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B389319 - SW-846 5030B										
LCS Dup (B389319-BSD1)				Prepared & Analyzed: 10/15/24						
Methyl Cyclohexane	9.58	1.0	µg/L	10.00		95.8	70-130	1.26	25	
Methylene Chloride	8.30	5.0	µg/L	10.00		83.0	70-130	1.67	25	
4-Methyl-2-pentanone (MIBK)	98.4	10	µg/L	100.0		98.4	70-160	2.39	25	†
Naphthalene	6.36	2.0	µg/L	10.00		63.6	40-130	8.29	25	V-05 †
n-Propylbenzene	9.94	1.0	µg/L	10.00		99.4	70-130	2.14	25	
Styrene	10.5	1.0	µg/L	10.00		105	70-130	3.11	25	
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130	0.191	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.00		109	70-130	3.63	25	
Toluene	9.79	1.0	µg/L	10.00		97.9	70-130	4.60	25	
1,2,3-Trichlorobenzene	6.68	5.0	µg/L	10.00		66.8 *	70-130	9.42	25	L-07, V-05
1,2,4-Trichlorobenzene	8.07	1.0	µg/L	10.00		80.7	70-130	3.17	25	
1,1,1-Trichloroethane	9.26	1.0	µg/L	10.00		92.6	70-130	1.63	25	
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130	0.589	25	
Trichloroethylene	10.3	1.0	µg/L	10.00		103	70-130	2.45	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.00		106	70-130	4.35	25	
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.00		108	70-130	1.86	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93	1.0	µg/L	10.00		99.3	70-130	1.93	25	
1,2,4-Trimethylbenzene	9.64	1.0	µg/L	10.00		96.4	70-130	1.25	25	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	1.97	25	
Vinyl Chloride	9.21	2.0	µg/L	10.00		92.1	40-160	2.98	25	†
m+p Xylene	20.0	2.0	µg/L	20.00		100	70-130	2.68	25	
o-Xylene	10.0	1.0	µg/L	10.00		100	70-130	3.24	25	
Xylenes (total)	30.1	1.0	µg/L	30.00		100	0-200	2.87		
Surrogate: 1,2-Dichloroethane-d4	22.9		µg/L	25.00		91.7	70-130			
Surrogate: Toluene-d8	24.1		µg/L	25.00		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.1	70-130			

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

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.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,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
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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

CERTIFICATIONS
Certified Analyses included in this Report

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

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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

Chain of Custody / Analysis Report										Page 1 of 4	
Sampler(s): (Signature)		Liam Blake <i>Liam Blake</i>		Ben Oppedising <i>Ben Oppedising</i>		2481770				Laboratory Use Only Project Number:	
Contact:	Michael Grifasi	Laboratory:		Holding Time:		Analysis Required				Job Number:	
Address:	333 West Washington Street Syracuse, New York 13221-4873	Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028				Preservatives: (see key at bottom)				Laboratory ID:	
Phone:	(315) 956-6100	Attn: RJ McCarthy				1					
E-mail:	michael.grifasi@ramboll.com	Phone: 413-525-2332									
Project:	NYSDEC Claremont Polychemical Site Q3 Sampling	Package Requirement: Level 2 and Level 3									
Location:	Old Bethpage, New York	EDD Format: EQUIS 4-file									
Sample Identification				Sample Location	Sample Type (See Key)	Sample Matrix (See Key)	Number of Containers	Grab [G] or Composite [C]	Field Filtered? (Y / N)	Lab Sample ID:	
Unique Field Sample ID (sys_sample_code)				Date	Time						
1	BP3A-CP-00-20241008		BP-3A	10/8/2024	7:40	N	WG	3	G	N	X
2	BP3C-CP-00-20241008		BP-3C	10/8/2024	7:50	N	WG	3	G	N	X
3	BP5B-CP-00-20241009		BP-5B	10/9/2024	7:45	N	WG	3	G	N	X
4	BP5C-CP-00-20241009		BP-5C	10/9/2024	7:50	N	WG	3	G	N	X
5	BP12B-CP-00-20241009		BP-12B	10/9/2024	8:10	N	WG	3	G	N	X
6	BP12C-CP-00-20241009		BP-12C	10/9/2024	8:15	N	WG	3	G	N	X
7	BP13B-CP-00-20241009		BP-13B	10/9/2024	8:30	N	WG	3	G	N	X
8	BP13C-CP-00-20241009		BP-13C	10/9/2024	8:35	N	WG	3	G	N	X
9	DW1-CP-00-20241008		DW-1	10/8/2024	12:40	N	WG	3	G	N	X
10	DW2-CP-00-20241008		DW-2	10/8/2024	13:15	N	WG	3	G	N	X
11	DW2-CP-01-20241008		DW-2	10/8/2024	---	FD	WG	3	G	N	X
12	EW1A-CP-00-20241008		EW-1A	10/8/2024	12:50	N	WG	3	G	N	X
13	EW1B-CP-00-20241008		EW-1B	10/8/2024	12:55	N	WG	3	G	N	X

Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex)		Condition:		Other comments or notes regarding condition of samples as received:
Relinquished by: <i>Liam Blake</i>		Custody Seals Intact? (if so, indicate the #, date, and time of the seal)		
Date: 10/9/24	Courier Name: <i>PACE</i>	Date: 10-09-24		
Time: 17:15	Tracking #: <i>PACE</i>	Time: 10:30		
Date: 10/9/24	Courier Name: <i>PACE</i>	Date: 10-09-24		
Time: 18:00	Tracking #: <i>PACE</i>	Time: 21:20		
Date: OCT 09 2024	Received By: <i>ASFPACE U</i>	Date: 10/9/24	Cooler Temperature:	
Time: 21:00		Time: 12:16		
Name: <i>Anthony Green</i>		Type: N = Normal env. sample, FD = field duplicate, EB = Equipment Blank, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): FRB = Field Reagent Blank		
Matrix: SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WS = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):		Matrix: SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WS = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):		
Matrix Code: 0 = none, 1 = HCL, 2 = HNO ₃ , 3 = H ₂ SO ₄ , 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO ₄ , 8 = Na ₂ PO ₄ , 9 = BenzalkoniumCl, 10 = other		Matrix Code: 0 = none, 1 = HCL, 2 = HNO ₃ , 3 = H ₂ SO ₄ , 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO ₄ , 8 = Na ₂ PO ₄ , 9 = BenzalkoniumCl, 10 = other		
Relinquished by: <i>Anthony Green</i>		Relinquished by: <i>Anthony Green</i>		
Date: 10/10/24		Date: 10/10/24		
Time: 0600		Time: 0815		
Signature: <i>Anthony Green</i>		Signature: <i>Anthony Green</i>		
Date: 10/10/24		Date: 10/10/24		
Time: 0600		Time: 0815		

Chain of Custody / Analysis Report										Page 2 of 4					
RAMBOLL Contact: Michael Grifasi Address: 333 West Washington Street Syracuse, New York 13221-4873 Phone: (315) 956-6100 E-mail: michael.grifasi@ramboll.com Project: NYSDEC Claremont Polychemical Site Q3 Sampling Location: Old Bethpage, New York		Sampler(s): (Signature) <i>Liam Blake</i> Ben Oppedisano Dan Oppedisano		Laboratory: Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028 Attn: RJ McCarthy Phone: 413-525-2332		Holding Time: Package Requirement: Level 2 and Level 3 EDD Format: EQUS 4-file		Analysis Required Preservatives: (see key at bottom)		Laboratory Use Only Project Number: Job Number: Laboratory ID: Lab Sample ID:					
Unique Field Sample ID (sys_sample_code)		Sample Location		Date		Sample Type (See Key)		Sample Matrix (See Key)		Number of Containers Grab [G] or Composite [C] Field Filtered? (Y / N)		Analysis Required Preservatives: (see key at bottom)		Laboratory Use Only Project Number: Job Number: Laboratory ID: Lab Sample ID:	
1	EW1C-CP-00-20241008	EW-1C	10/8/2024	N	WG	3	G	N	X	DER TCL VOCs by SW-36/8260					
2	EW2A-CP-00-20241008	EW-2A	10/8/2024	N	WG	3	G	N	X						
3	EW2B-CP-00-20241008	EW-2B	10/8/2024	N	WG	3	G	N	X						
4	EW2C-CP-00-20241008	EW-2C	10/8/2024	N	WG	3	G	N	X						
5	EW2D-CP-00-20241008	EW-2D	10/8/2024	N	WG	3	G	N	X						
6	EW4A-CP-00-20241009	EW-4A	10/9/2024	N	WG	3	G	N	X						
7	EW4B-CP-00-20241009	EW-4B	10/9/2024	N	WG	3	G	N	X						
8	EW4C-CP-00-20241009	EW-4C	10/9/2024	N	WG	3	G	N	X						
9	EW4D-CP-00-20241009	EW-4D	10/9/2024	N	WG	3	G	N	X						
10	EW5-CP-00-20241008	EW-5	10/8/2024	N	WG	3	G	N	X						
11	EW7C-CP-00-20241008	EW-7C	10/8/2024	N	WG	3	G	N	X						
12	EW7D-CP-00-20241008	EW-7D	10/8/2024	N	WG	3	G	N	X						
13	EW11D-CP-00-20241009	EW-11D	10/9/2024	N	WG	3	G	N	X						
14	EW12D-CP-00-20241009	EW-12D	10/9/2024	N	WG	3	G	N	X						
Special Instructions: Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex)															
Relinquished by: <i>Liam Blake</i> Ramboll		Date: 10/9/24 Time: 12:15		Courier Name: PACE Tracking #:		Date: 10-09-24 Time: 18:30		Condition: Other comments or notes regarding condition of samples as received:							
Of: <i>Anthony Green</i> Ramboll		Date: 10/9/24 Time: 18:00		Courier Name: PACE Tracking #:		Date: 10-09-24 Time: 21:20		Custody Seals Intact? (if so, indicate the #, date, and time of the seal)							
Relinquished by: <i>Anthony Green</i> Ramboll		Date: OCT 09 2024 Time: 21:50		Received By: OF: PACE		Date: 10/9/24 Time: 12:16		Cooler Temperature:							
Page 78 of 80															

N = Normal env. sample, FD = Field duplicate, EB = Equipment Blank, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): FRB = Field Reagent Blank
 SE = Sediment, SO = Soil, WG = Groundwater, WQ = Water Quality, WW = Waste Water, WP = Potable Water, AA = Ambient Air, Other (Specify):
 Matrix: 0 = none, 1 = HCL, 2 = HNO₃, 3 = H₂SO₄, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO₄, 8 = Na₂PO₄, 9 = BenzalkoniumCl, 10 = other
 Native Code: 0 = none, 1 = HCL, 2 = HNO₃, 3 = H₂SO₄, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO₄, 8 = Na₂PO₄, 9 = BenzalkoniumCl, 10 = other

V. 11.1 (W) Anthony Green 10/12/24 0035 RCP: CONFIDENTIAL
 PACE 10/10/24 0000
 PACE 10/10/24 0815
 PACE 10/10/24 0230
 PACE 10/10/24 0230

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

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

Client Ramboll

Project Ny Dec Claremont Polychlorinated Site a3 Sampling

MCP/RCP Required _____

Deliverable Package Requirement _____

Location Old Bethpage, New York

PWSID# (When Applicable) _____

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time Ryan 10-10-24 @ 8:15

Back-Sheet By / Date / Time Eli 10-11-24 @ 10:06

Temperature Method G4h # 6

WV samples: Yes (see note*) / No (follow normal procedure)

Temp < 6° C Actual Temperature 12.04

Rush Samples: Yes ☒ No ☐ Notify _____

Short Hold: Yes ☒ No ☐ Notify _____

Notes regarding Samples/COC outside of SOP:

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

Additional Container Notes

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

Effective Date: 06/11/2024

October 17, 2024

Payson Long
NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221

Project Location: Old Bethpage, New York
Client Job Number:
Project Number: 130015
Laboratory Work Order Number: 24J1772

Enclosed are results of analyses for samples as received by the laboratory on October 10, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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

NYDEC_Ramboll US Consulting, Inc. - Syracuse
333 West Washington Street, PO Box 4873
Syracuse, NY 13221
ATTN: Payson Long

REPORT DATE: 10/17/2024

PURCHASE ORDER NUMBER: 151811

PROJECT NUMBER: 130015

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24J1772

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

PROJECT LOCATION: Old Bethpage, New York

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EW14D-CP-00-20241009	24J1772-01	Ground Water		SW-846 8260D	
M30BR-CP-00-20241008	24J1772-02	Ground Water		SW-846 8260D	
MW6D-CP-00-20241008	24J1772-03	Ground Water		SW-846 8260D	
MW6D-CP-01-20241008	24J1772-04	Ground Water		SW-846 8260D	
MW7BR-CP-00-20241008	24J1772-05	Ground Water		SW-846 8260D	
MW8C-CP-00-20241008	24J1772-06	Ground Water		SW-846 8260D	
MW10D-CP-00-20241008	24J1772-07	Ground Water		SW-846 8260D	
MW11A-CP-00-20241009	24J1772-08	Ground Water		SW-846 8260D	
MW11B-CP-00-20241009	24J1772-09	Ground Water		SW-846 8260D	
SW1-CP-00-20241008	24J1772-10	Ground Water		SW-846 8260D	
WT01-CP-00-20241009	24J1772-11	Ground Water		SW-846 8260D	
TB-CP-QC-20241009	24J1772-12	Ground Water		SW-846 8260D	
OBS1-CP-00-20241008	24J1772-13	Ground Water		SW-846 8260D	
LF1-CP-00-20241008	24J1772-14	Ground Water		SW-846 8260D	
MW5B-CP-00-20241008	24J1772-15	Ground Water		SW-846 8260D	
MW6B-CP-00-20241008	24J1772-16	Ground Water		SW-846 8260D	
MW6C-CP-00-20241008	24J1772-17	Ground Water		SW-846 8260D	
MW6E-CP-00-20241008	24J1772-18	Ground Water		SW-846 8260D	
MW6F-CP-00-20241008	24J1772-19	Ground Water		SW-846 8260D	
MW8A-CP-00-20241008	24J1772-20	Ground Water		SW-846 8260D	
MW8B-CP-00-20241008	24J1772-21	Ground Water		SW-846 8260D	
MW9B-CP-00-20241008	24J1772-22	Ground Water		SW-846 8260D	
MW9C-CP-00-20241008	24J1772-23	Ground Water		SW-846 8260D	
BP3B-CP-00-20241008	24J1772-24	Ground Water		SW-846 8260D	

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CASE NARRATIVE SUMMARY

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

SW-846 8260D**Qualifications:****L-02**

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

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

B389318-BS1, B389318-BSD1

L-07

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

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

B389319-BSD1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

24J1772-10[SW1-CP-00-20241008]

V-05

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

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

24J1772-13[OBS1-CP-00-20241008], 24J1772-14[LF1-CP-00-20241008], 24J1772-15[MW5B-CP-00-20241008], 24J1772-16[MW6B-CP-00-20241008], 24J1772-17[MW6C-CP-00-20241008], 24J1772-18[MW6E-CP-00-20241008], 24J1772-19[MW6F-CP-00-20241008], 24J1772-20[MW8A-CP-00-20241008], 24J1772-21[MW8B-CP-00-20241008], 24J1772-22[MW9B-CP-00-20241008], B389319-BLK1, B389319-BS1, B389319-BSD1, S 112266-CCV1

1,2-Dibromo-3-chloropropane (DBCP)

24J1772-13[OBS1-CP-00-20241008], 24J1772-14[LF1-CP-00-20241008], 24J1772-15[MW5B-CP-00-20241008], 24J1772-16[MW6B-CP-00-20241008], 24J1772-17[MW6C-CP-00-20241008], 24J1772-18[MW6E-CP-00-20241008], 24J1772-19[MW6F-CP-00-20241008], 24J1772-20[MW8A-CP-00-20241008], 24J1772-21[MW8B-CP-00-20241008], 24J1772-22[MW9B-CP-00-20241008], B389319-BLK1, B389319-BS1, B389319-BSD1, S 112266-CCV1

Chloromethane

24J1772-13[OBS1-CP-00-20241008], 24J1772-14[LF1-CP-00-20241008], 24J1772-15[MW5B-CP-00-20241008], 24J1772-16[MW6B-CP-00-20241008], 24J1772-17[MW6C-CP-00-20241008], 24J1772-18[MW6E-CP-00-20241008], 24J1772-19[MW6F-CP-00-20241008], 24J1772-20[MW8A-CP-00-20241008], 24J1772-21[MW8B-CP-00-20241008], 24J1772-22[MW9B-CP-00-20241008], B389319-BLK1, B389319-BS1, B389319-BSD1, S 112266-CCV1

Naphthalene

24J1772-13[OBS1-CP-00-20241008], 24J1772-14[LF1-CP-00-20241008], 24J1772-15[MW5B-CP-00-20241008], 24J1772-16[MW6B-CP-00-20241008], 24J1772-17[MW6C-CP-00-20241008], 24J1772-18[MW6E-CP-00-20241008], 24J1772-19[MW6F-CP-00-20241008], 24J1772-20[MW8A-CP-00-20241008], 24J1772-21[MW8B-CP-00-20241008], 24J1772-22[MW9B-CP-00-20241008], B389319-BLK1, B389319-BS1, B389319-BSD1, S 112266-CCV1

V-20

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

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

B389318-BS1, B389318-BSD1, S112228-CCV1

Bromomethane

B389318-BS1, B389318-BSD1, S112228-CCV1

Chloromethane

B389318-BS1, B389318-BSD1, S112228-CCV1

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

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



Lisa A. Worthington
Technical Representative

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: EW14D-CP-00-20241009

Sampled: 10/9/2024 09:30

Sample ID: 24J1772-01

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	290	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,1-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: EW14D-CP-00-20241009

Sampled: 10/9/2024 09:30

Sample ID: 24J1772-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Trichloroethylene	15	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:06	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.3	70-130							
Toluene-d8	96.2	70-130							
4-Bromofluorobenzene	76.2	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: M30BR-CP-00-20241008

Sampled: 10/8/2024 12:05

Sample ID: 24J1772-02

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	110	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: M30BR-CP-00-20241008

Sampled: 10/8/2024 12:05

Sample ID: 24J1772-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:06	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	108	70-130							
Toluene-d8	91.9	70-130							
4-Bromofluorobenzene	93.5	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6D-CP-00-20241008

Sampled: 10/8/2024 09:30

Sample ID: 24J1772-03

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	52	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Chlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,4-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Isopropylbenzene (Cumene)	1.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6D-CP-00-20241008

Sampled: 10/8/2024 09:30

Sample ID: 24J1772-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:33	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	102	70-130							
Toluene-d8	99.6	70-130							
4-Bromofluorobenzene	94.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6D-CP-01-20241008

Sampled: 10/8/2024 00:00

Sample ID: 24J1772-04

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	54	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Chlorobenzene	1.1	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,4-Dichlorobenzene	1.3	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Isopropylbenzene (Cumene)	1.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6D-CP-01-20241008

Sampled: 10/8/2024 00:00

Sample ID: 24J1772-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 14:59	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	105	70-130						10/15/24 14:59	
Toluene-d8	100	70-130						10/15/24 14:59	
4-Bromofluorobenzene	94.0	70-130						10/15/24 14:59	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW7BR-CP-00-20241008

Sampled: 10/8/2024 07:30

Sample ID: 24J1772-05

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	1500	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
cis-1,2-Dichloroethylene	2.4	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW7BR-CP-00-20241008

Sampled: 10/8/2024 07:30

Sample ID: 24J1772-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Tetrachloroethylene	1.9	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Trichloroethylene	100	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 18:33	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	90.3	70-130							
Toluene-d8	98.6	70-130							
4-Bromofluorobenzene	89.4	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8C-CP-00-20241008

Sampled: 10/8/2024 08:50

Sample ID: 24J1772-06

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	110	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8C-CP-00-20241008

Sampled: 10/8/2024 08:50

Sample ID: 24J1772-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:26	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	106	70-130							
Toluene-d8	99.8	70-130							
4-Bromofluorobenzene	89.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW10D-CP-00-20241008

Sampled: 10/8/2024 10:05

Sample ID: 24J1772-07

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	100	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,1-Dichloroethane	1.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,1-Dichloroethylene	6.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
cis-1,2-Dichloroethylene	6.1	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW10D-CP-00-20241008

Sampled: 10/8/2024 10:05

Sample ID: 24J1772-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Tetrachloroethylene	14	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,1,1-Trichloroethane	2.7	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Trichloroethylene	200	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 15:53	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	105	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	87.8	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW11A-CP-00-20241009

Sampled: 10/9/2024 09:00

Sample ID: 24J1772-08

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	170	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Dichlorodifluoromethane (Freon 12)	3.1	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,1-Dichloroethane	7.1	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
cis-1,2-Dichloroethylene	54	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW11A-CP-00-20241009

Sampled: 10/9/2024 09:00

Sample ID: 24J1772-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Tetrachloroethylene	5.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Trichloroethylene	6.0	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:20	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	108	70-130							
Toluene-d8	100	70-130							
4-Bromofluorobenzene	90.5	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW11B-CP-00-20241009

Sampled: 10/9/2024 09:05

Sample ID: 24J1772-09

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	150	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Benzene	1.3	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Dichlorodifluoromethane (Freon 12)	5.0	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,1-Dichloroethane	21	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2-Dichloroethane	1.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,1-Dichloroethylene	2.7	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
cis-1,2-Dichloroethylene	45	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW11B-CP-00-20241009

Sampled: 10/9/2024 09:05

Sample ID: 24J1772-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Tetrachloroethylene	4.4	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,1,1-Trichloroethane	3.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Trichloroethylene	6.3	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Vinyl Chloride	2.5	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 16:46	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	109	70-130							
Toluene-d8	101	70-130							
4-Bromofluorobenzene	88.2	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: SW1-CP-00-20241008

Sampled: 10/8/2024 12:35

Sample ID: 24J1772-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	200	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Benzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Bromochloromethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Bromodichloromethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Bromoform	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Bromomethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
2-Butanone (MEK)	ND	80	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
n-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
sec-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
tert-Butylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Carbon Disulfide	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Carbon Tetrachloride	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Chlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Chlorodibromomethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Chloroethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Chloroform	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Chloromethane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Cyclohexane	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2-Dibromoethane (EDB)	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,3-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,4-Dichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,1-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2-Dichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,1-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
cis-1,2-Dichloroethylene	17	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
trans-1,2-Dichloroethylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2-Dichloropropane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
cis-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
trans-1,3-Dichloropropene	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Ethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
2-Hexanone (MBK)	ND	40	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Isopropylbenzene (Cumene)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Methyl Acetate	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Methyl Cyclohexane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Methylene Chloride	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	40	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Naphthalene	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
n-Propylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Styrene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: SW1-CP-00-20241008

Sampled: 10/8/2024 12:35

Sample ID: 24J1772-10

Sample Matrix: Ground Water

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Tetrachloroethylene	360	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Toluene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2,3-Trichlorobenzene	ND	20	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2,4-Trichlorobenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,1,1-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,1,2-Trichloroethane	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Trichloroethylene	25	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Trichlorofluoromethane (Freon 11)	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2,3-Trichloropropane	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,2,4-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
1,3,5-Trimethylbenzene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Vinyl Chloride	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
m+p Xylene	ND	8.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
o-Xylene	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Xylenes (total)	ND	4.0	µg/L	4		SW-846 8260D	10/15/24	10/15/24 20:20	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	107	70-130						10/15/24 20:20	
Toluene-d8	99.4	70-130						10/15/24 20:20	
4-Bromofluorobenzene	90.2	70-130						10/15/24 20:20	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: WT01-CP-00-20241009

Sampled: 10/9/2024 10:45

Sample ID: 24J1772-11

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	160	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: WT01-CP-00-20241009

Sampled: 10/9/2024 10:45

Sample ID: 24J1772-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:13	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	91.9	70-130							
Toluene-d8	98.6	70-130							
4-Bromofluorobenzene	90.0	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: TB-CP-QC-20241009

Sampled: 10/9/2024 12:00

Sample ID: 24J1772-12

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	10/15/24	10/15/24 17:40	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: TB-CP-QC-20241009

Sampled: 10/9/2024 12:00

Sample ID: 24J1772-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 17:40	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	101	70-130							
Toluene-d8	98.2	70-130							
4-Bromofluorobenzene	89.3	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: OBS1-CP-00-20241008

Sampled: 10/8/2024 10:40

Sample ID: 24J1772-13

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	10/15/24	10/16/24 1:44	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:44	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: OBS1-CP-00-20241008

Sampled: 10/8/2024 10:40

Sample ID: 24J1772-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 1:44	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.3	70-130							
Toluene-d8	94.6	70-130							
4-Bromofluorobenzene	96.9	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: LF1-CP-00-20241008

Sampled: 10/8/2024 12:20

Sample ID: 24J1772-14

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	240	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:10	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: LF1-CP-00-20241008

Sampled: 10/8/2024 12:20

Sample ID: 24J1772-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:10	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.6	70-130						10/16/24 2:10	
Toluene-d8	93.7	70-130						10/16/24 2:10	
4-Bromofluorobenzene	95.2	70-130						10/16/24 2:10	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW5B-CP-00-20241008

Sampled: 10/8/2024 10:25

Sample ID: 24J1772-15

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	170	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:36	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW5B-CP-00-20241008

Sampled: 10/8/2024 10:25

Sample ID: 24J1772-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 2:36	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.9	70-130							
Toluene-d8	94.6	70-130							
4-Bromofluorobenzene	97.6	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6B-CP-00-20241008

Sampled: 10/8/2024 09:20

Sample ID: 24J1772-16

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	10/15/24	10/16/24 3:02	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Chlorobenzene	3.8	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:02	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6B-CP-00-20241008

Sampled: 10/8/2024 09:20

Sample ID: 24J1772-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:02	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.5	70-130						10/16/24 3:02	
Toluene-d8	94.4	70-130						10/16/24 3:02	
4-Bromofluorobenzene	101	70-130						10/16/24 3:02	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6C-CP-00-20241008

Sampled: 10/8/2024 09:25

Sample ID: 24J1772-17

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	10/15/24	10/16/24 3:28	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Chlorobenzene	1.5	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:28	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6C-CP-00-20241008

Sampled: 10/8/2024 09:25

Sample ID: 24J1772-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:28	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.2	70-130						10/16/24 3:28	
Toluene-d8	94.6	70-130						10/16/24 3:28	
4-Bromofluorobenzene	95.0	70-130						10/16/24 3:28	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6E-CP-00-20241008

Sampled: 10/8/2024 09:35

Sample ID: 24J1772-18

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	62	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Chlorobenzene	2.6	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:54	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6E-CP-00-20241008

Sampled: 10/8/2024 09:35

Sample ID: 24J1772-18

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 3:54	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.8	70-130							
Toluene-d8	94.1	70-130							
4-Bromofluorobenzene	97.0	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6F-CP-00-20241008

Sampled: 10/8/2024 09:40

Sample ID: 24J1772-19

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	160	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW6F-CP-00-20241008

Sampled: 10/8/2024 09:40

Sample ID: 24J1772-19

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:20	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.8	70-130						10/16/24 4:20	
Toluene-d8	94.8	70-130						10/16/24 4:20	
4-Bromofluorobenzene	92.8	70-130						10/16/24 4:20	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8A-CP-00-20241008

Sampled: 10/8/2024 08:55

Sample ID: 24J1772-20

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	300	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Chloroform	2.2	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:46	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8A-CP-00-20241008

Sampled: 10/8/2024 08:55

Sample ID: 24J1772-20

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Tetrachloroethylene	4.7	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 4:46	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	95.9	70-130							
Toluene-d8	95.0	70-130							
4-Bromofluorobenzene	101	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8B-CP-00-20241008

Sampled: 10/8/2024 09:00

Sample ID: 24J1772-21

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	52	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:12	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW8B-CP-00-20241008

Sampled: 10/8/2024 09:00

Sample ID: 24J1772-21

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Trichloroethylene	1.0	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:12	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.0	70-130							
Toluene-d8	95.9	70-130							
4-Bromofluorobenzene	94.4	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW9B-CP-00-20241008

Sampled: 10/8/2024 07:09

Sample ID: 24J1772-22

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	200	50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:38	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW9B-CP-00-20241008

Sampled: 10/8/2024 07:09

Sample ID: 24J1772-22

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/16/24 5:38	MFF
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	98.5	70-130							
Toluene-d8	93.6	70-130							
4-Bromofluorobenzene	101	70-130							

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW9C-CP-00-20241008

Sampled: 10/8/2024 07:11

Sample ID: 24J1772-23

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	320	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: MW9C-CP-00-20241008

Sampled: 10/8/2024 07:11

Sample ID: 24J1772-23

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:26	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	97.0	70-130						10/15/24 13:26	
Toluene-d8	101	70-130						10/15/24 13:26	
4-Bromofluorobenzene	100	70-130						10/15/24 13:26	

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

Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: BP3B-CP-00-20241008

Sampled: 10/8/2024 07:45

Sample ID: 24J1772-24

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	170	50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
cis-1,2-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH

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Project Location: Old Bethpage, New York

Sample Description:

Work Order: 24J1772

Date Received: 10/10/2024

Field Sample #: BP3B-CP-00-20241008

Sampled: 10/8/2024 07:45

Sample ID: 24J1772-24

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Tetrachloroethylene	3.2	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Xylenes (total)	ND	1.0	µg/L	1		SW-846 8260D	10/15/24	10/15/24 13:51	EEH
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
1,2-Dichloroethane-d4	96.0	70-130							
Toluene-d8	99.6	70-130							
4-Bromofluorobenzene	102	70-130							

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J1772-23 [MW9C-CP-00-20241008]	B389312	5	5.00	10/15/24
24J1772-24 [BP3B-CP-00-20241008]	B389312	5	5.00	10/15/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J1772-01 [EW14D-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1772-02 [M30BR-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1772-03 [MW6D-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1772-04 [MW6D-CP-01-20241008]	B389318	5	5.00	10/15/24
24J1772-05 [MW7BR-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1772-06 [MW8C-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1772-07 [MW10D-CP-00-20241008]	B389318	5	5.00	10/15/24
24J1772-08 [MW11A-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1772-09 [MW11B-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1772-10 [SW1-CP-00-20241008]	B389318	1.25	5.00	10/15/24
24J1772-11 [WT01-CP-00-20241009]	B389318	5	5.00	10/15/24
24J1772-12 [TB-CP-QC-20241009]	B389318	5	5.00	10/15/24

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24J1772-13 [OBS1-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-14 [LF1-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-15 [MW5B-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-16 [MW6B-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-17 [MW6C-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-18 [MW6E-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-19 [MW6F-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-20 [MW8A-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-21 [MW8B-CP-00-20241008]	B389319	5	5.00	10/15/24
24J1772-22 [MW9B-CP-00-20241008]	B389319	5	5.00	10/15/24

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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
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Batch B389312 - SW-846 5030B
Blank (B389312-BLK1)

Prepared & Analyzed: 10/15/24

Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	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							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	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
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Batch B389312 - SW-846 5030B
Blank (B389312-BLK1)

Prepared & Analyzed: 10/15/24

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							
Xylenes (total)	ND	1.0	µg/L							

Surrogate: 1,2-Dichloroethane-d4	24.6		µg/L	25.00		98.2	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.00		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.1	70-130			

LCS (B389312-BS1)

Prepared & Analyzed: 10/15/24

Acetone	103	50	µg/L	100.0		103	70-160			†
Benzene	9.67	1.0	µg/L	10.00		96.7	70-130			
Bromochloromethane	10.1	1.0	µg/L	10.00		101	70-130			
Bromodichloromethane	9.62	0.50	µg/L	10.00		96.2	70-130			
Bromoform	9.75	1.0	µg/L	10.00		97.5	70-130			
Bromomethane	8.83	2.0	µg/L	10.00		88.3	40-160			†
2-Butanone (MEK)	93.6	20	µg/L	100.0		93.6	40-160			†
n-Butylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
sec-Butylbenzene	9.97	1.0	µg/L	10.00		99.7	70-130			
tert-Butylbenzene	9.81	1.0	µg/L	10.00		98.1	70-130			
Carbon Disulfide	92.0	5.0	µg/L	100.0		92.0	70-130			
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130			
Chlorobenzene	9.82	1.0	µg/L	10.00		98.2	70-130			
Chlorodibromomethane	9.77	0.50	µg/L	10.00		97.7	70-130			
Chloroethane	8.60	2.0	µg/L	10.00		86.0	70-130			
Chloroform	9.53	2.0	µg/L	10.00		95.3	70-130			
Chloromethane	7.76	2.0	µg/L	10.00		77.6	40-160			†
Cyclohexane	9.52	5.0	µg/L	10.00		95.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.59	5.0	µg/L	10.00		85.9	70-130			
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.00		100	70-130			
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,4-Dichlorobenzene	9.47	1.0	µg/L	10.00		94.7	70-130			
Dichlorodifluoromethane (Freon 12)	8.92	2.0	µg/L	10.00		89.2	40-160			†
1,1-Dichloroethane	10.0	1.0	µg/L	10.00		100	70-130			
1,2-Dichloroethane	8.80	1.0	µg/L	10.00		88.0	70-130			
1,1-Dichloroethylene	9.91	1.0	µg/L	10.00		99.1	70-130			
cis-1,2-Dichloroethylene	9.81	1.0	µg/L	10.00		98.1	70-130			
trans-1,2-Dichloroethylene	9.81	1.0	µg/L	10.00		98.1	70-130			
1,2-Dichloropropane	9.73	1.0	µg/L	10.00		97.3	70-130			
cis-1,3-Dichloropropene	10.1	0.50	µg/L	10.00		101	70-130			
trans-1,3-Dichloropropene	9.96	0.50	µg/L	10.00		99.6	70-130			
Ethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
2-Hexanone (MBK)	111	10	µg/L	100.0		111	70-160			†
Isopropylbenzene (Cumene)	9.98	1.0	µg/L	10.00		99.8	70-130			
p-Isopropyltoluene (p-Cymene)	9.93	1.0	µg/L	10.00		99.3	70-130			
Methyl Acetate	9.64	1.0	µg/L	10.00		96.4	70-130			
Methyl tert-Butyl Ether (MTBE)	9.29	1.0	µg/L	10.00		92.9	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
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Batch B389312 - SW-846 5030B
LCS (B389312-BS1)

Prepared & Analyzed: 10/15/24

Methyl Cyclohexane	9.74	1.0	µg/L	10.00		97.4	70-130			
Methylene Chloride	9.92	5.0	µg/L	10.00		99.2	70-130			
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100.0		112	70-160			†
Naphthalene	8.98	2.0	µg/L	10.00		89.8	40-130			†
n-Propylbenzene	9.99	1.0	µg/L	10.00		99.9	70-130			
Styrene	10.1	1.0	µg/L	10.00		101	70-130			
1,1,2,2-Tetrachloroethane	9.94	0.50	µg/L	10.00		99.4	70-130			
Tetrachloroethylene	10.3	1.0	µg/L	10.00		103	70-130			
Toluene	9.86	1.0	µg/L	10.00		98.6	70-130			
1,2,3-Trichlorobenzene	9.22	5.0	µg/L	10.00		92.2	70-130			
1,2,4-Trichlorobenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.00		102	70-130			
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130			
1,2,3-Trichloropropane	9.76	2.0	µg/L	10.00		97.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.88	1.0	µg/L	10.00		98.8	70-130			
1,2,4-Trimethylbenzene	9.69	1.0	µg/L	10.00		96.9	70-130			
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Vinyl Chloride	8.89	2.0	µg/L	10.00		88.9	40-160			†
m+p Xylene	19.8	2.0	µg/L	20.00		99.2	70-130			
o-Xylene	9.95	1.0	µg/L	10.00		99.5	70-130			
Xylenes (total)	29.8	1.0	µg/L	30.00		99.3	0-200			
Surrogate: 1,2-Dichloroethane-d4	23.8		µg/L	25.00		95.1	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.00		99.5	70-130			

LCS Dup (B389312-BS1)

Prepared & Analyzed: 10/15/24

Acetone	110	50	µg/L	100.0		110	70-160	7.08	25	†
Benzene	9.87	1.0	µg/L	10.00		98.7	70-130	2.05	25	
Bromochloromethane	9.92	1.0	µg/L	10.00		99.2	70-130	2.09	25	
Bromodichloromethane	10.0	0.50	µg/L	10.00		100	70-130	4.27	25	
Bromoform	10.5	1.0	µg/L	10.00		105	70-130	7.22	25	
Bromomethane	8.84	2.0	µg/L	10.00		88.4	40-160	0.113	25	†
2-Butanone (MEK)	106	20	µg/L	100.0		106	40-160	12.4	25	†
n-Butylbenzene	9.92	1.0	µg/L	10.00		99.2	70-130	2.29	25	
sec-Butylbenzene	9.93	1.0	µg/L	10.00		99.3	70-130	0.402	25	
tert-Butylbenzene	9.58	1.0	µg/L	10.00		95.8	70-130	2.37	25	
Carbon Disulfide	92.7	5.0	µg/L	100.0		92.7	70-130	0.736	25	
Carbon Tetrachloride	10.5	5.0	µg/L	10.00		105	70-130	0.286	25	
Chlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	4.09	25	
Chlorodibromomethane	10.4	0.50	µg/L	10.00		104	70-130	6.34	25	
Chloroethane	8.26	2.0	µg/L	10.00		82.6	70-130	4.03	25	
Chloroform	9.47	2.0	µg/L	10.00		94.7	70-130	0.632	25	
Chloromethane	7.78	2.0	µg/L	10.00		77.8	40-160	0.257	25	†
Cyclohexane	9.54	5.0	µg/L	10.00		95.4	70-130	0.210	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.57	5.0	µg/L	10.00		95.7	70-130	10.8	25	
1,2-Dibromoethane (EDB)	10.5	0.50	µg/L	10.00		105	70-130	5.06	25	
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130	0.0997	25	
1,3-Dichlorobenzene	9.97	1.0	µg/L	10.00		99.7	70-130	0.998	25	
1,4-Dichlorobenzene	9.64	1.0	µg/L	10.00		96.4	70-130	1.78	25	
Dichlorodifluoromethane (Freon 12)	8.67	2.0	µg/L	10.00		86.7	40-160	2.84	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
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Batch B389312 - SW-846 5030B
LCS Dup (B389312-BSD1)

Prepared & Analyzed: 10/15/24

1,1-Dichloroethane	9.94	1.0	µg/L	10.00		99.4	70-130	0.702	25	
1,2-Dichloroethane	9.10	1.0	µg/L	10.00		91.0	70-130	3.35	25	
1,1-Dichloroethylene	9.95	1.0	µg/L	10.00		99.5	70-130	0.403	25	
cis-1,2-Dichloroethylene	9.85	1.0	µg/L	10.00		98.5	70-130	0.407	25	
trans-1,2-Dichloroethylene	9.91	1.0	µg/L	10.00		99.1	70-130	1.01	25	
1,2-Dichloropropane	9.85	1.0	µg/L	10.00		98.5	70-130	1.23	25	
cis-1,3-Dichloropropene	10.3	0.50	µg/L	10.00		103	70-130	2.55	25	
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.00		106	70-130	6.41	25	
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	1.68	25	
2-Hexanone (MBK)	125	10	µg/L	100.0		125	70-160	11.8	25	†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.00		103	70-130	3.54	25	
p-Isopropyltoluene (p-Cymene)	9.81	1.0	µg/L	10.00		98.1	70-130	1.22	25	
Methyl Acetate	9.97	1.0	µg/L	10.00		99.7	70-130	3.37	25	
Methyl tert-Butyl Ether (MTBE)	9.59	1.0	µg/L	10.00		95.9	70-130	3.18	25	
Methyl Cyclohexane	9.84	1.0	µg/L	10.00		98.4	70-130	1.02	25	
Methylene Chloride	9.99	5.0	µg/L	10.00		99.9	70-130	0.703	25	
4-Methyl-2-pentanone (MIBK)	124	10	µg/L	100.0		124	70-160	10.5	25	†
Naphthalene	9.89	2.0	µg/L	10.00		98.9	40-130	9.64	25	†
n-Propylbenzene	10.6	1.0	µg/L	10.00		106	70-130	5.64	25	
Styrene	10.3	1.0	µg/L	10.00		103	70-130	2.26	25	
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.00		108	70-130	8.66	25	
Tetrachloroethylene	10.5	1.0	µg/L	10.00		105	70-130	2.02	25	
Toluene	10.1	1.0	µg/L	10.00		101	70-130	2.80	25	
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.00		102	70-130	9.99	25	
1,2,4-Trichlorobenzene	9.53	1.0	µg/L	10.00		95.3	70-130	1.35	25	
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.00		103	70-130	0.390	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130	4.28	25	
Trichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	1.98	25	
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.00		102	70-130	0.692	25	
1,2,3-Trichloropropane	10.2	2.0	µg/L	10.00		102	70-130	4.60	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.00		100	70-130	1.71	25	
1,2,4-Trimethylbenzene	9.90	1.0	µg/L	10.00		99.0	70-130	2.14	25	
1,3,5-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	4.10	25	
Vinyl Chloride	9.41	2.0	µg/L	10.00		94.1	40-160	5.68	25	†
m+p Xylene	20.4	2.0	µg/L	20.00		102	70-130	2.63	25	
o-Xylene	10.4	1.0	µg/L	10.00		104	70-130	4.61	25	
Xylenes (total)	30.8	1.0	µg/L	30.00		103	0-200	3.30		
Surrogate: 1,2-Dichloroethane-d4	24.4		µg/L	25.00		97.7	70-130			
Surrogate: Toluene-d8	24.8		µg/L	25.00		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	25.6		µg/L	25.00		102	70-130			

Batch B389318 - SW-846 5030B
Blank (B389318-BLK1)

Prepared & Analyzed: 10/15/24

Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	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
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Batch B389318 - SW-846 5030B
Blank (B389318-BLK1)

Prepared & Analyzed: 10/15/24

sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	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							
1,1,1-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							

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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 B389318 - SW-846 5030B										
Blank (B389318-BLK1)				Prepared & Analyzed: 10/15/24						
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.1		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	22.7		µg/L	25.00		90.7	70-130			
LCS (B389318-BS1)				Prepared & Analyzed: 10/15/24						
Acetone	128	50	µg/L	100.0		128	70-160			†
Benzene	11.1	1.0	µg/L	10.00		111	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.00		115	70-130			V-20
Bromodichloromethane	10.6	0.50	µg/L	10.00		106	70-130			
Bromoform	8.52	1.0	µg/L	10.00		85.2	70-130			
Bromomethane	12.7	2.0	µg/L	10.00		127	40-160		V-20	†
2-Butanone (MEK)	141	20	µg/L	100.0		141	40-160			†
n-Butylbenzene	9.78	1.0	µg/L	10.00		97.8	70-130			
sec-Butylbenzene	9.21	1.0	µg/L	10.00		92.1	70-130			
tert-Butylbenzene	8.83	1.0	µg/L	10.00		88.3	70-130			
Carbon Disulfide	106	5.0	µg/L	100.0		106	70-130			
Carbon Tetrachloride	9.94	5.0	µg/L	10.00		99.4	70-130			
Chlorobenzene	11.0	1.0	µg/L	10.00		110	70-130			
Chlorodibromomethane	10.1	0.50	µg/L	10.00		101	70-130			
Chloroethane	11.3	2.0	µg/L	10.00		113	70-130			
Chloroform	10.9	2.0	µg/L	10.00		109	70-130			
Chloromethane	28.0	2.0	µg/L	10.00		280	* 40-160		L-02, V-20	†
Cyclohexane	9.34	5.0	µg/L	10.00		93.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.90	5.0	µg/L	10.00		89.0	70-130			
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.00		107	70-130			
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
1,4-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
Dichlorodifluoromethane (Freon 12)	8.66	2.0	µg/L	10.00		86.6	40-160			†
1,1-Dichloroethane	11.6	1.0	µg/L	10.00		116	70-130			
1,2-Dichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
1,1-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.00		111	70-130			
1,2-Dichloropropane	10.6	1.0	µg/L	10.00		106	70-130			
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.00		107	70-130			
trans-1,3-Dichloropropene	9.84	0.50	µg/L	10.00		98.4	70-130			
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
2-Hexanone (MBK)	110	10	µg/L	100.0		110	70-160			†
Isopropylbenzene (Cumene)	9.65	1.0	µg/L	10.00		96.5	70-130			
p-Isopropyltoluene (p-Cymene)	9.43	1.0	µg/L	10.00		94.3	70-130			
Methyl Acetate	12.1	1.0	µg/L	10.00		121	70-130			
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.00		111	70-130			
Methyl Cyclohexane	10.1	1.0	µg/L	10.00		101	70-130			
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130			
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100.0		109	70-160			†
Naphthalene	8.50	2.0	µg/L	10.00		85.0	40-130			†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130			
Styrene	9.85	1.0	µg/L	10.00		98.5	70-130			
1,1,2,2-Tetrachloroethane	10.7	0.50	µg/L	10.00		107	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 B389318 - SW-846 5030B										
LCS (B389318-BS1)										
Prepared & Analyzed: 10/15/24										
Tetrachloroethylene	10.6	1.0	µg/L	10.00		106	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	10.2	5.0	µg/L	10.00		102	70-130			
1,2,4-Trichlorobenzene	9.56	1.0	µg/L	10.00		95.6	70-130			
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.00		115	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.00		112	70-130			
1,2,3-Trichloropropane	12.6	2.0	µg/L	10.00		126	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7	1.0	µg/L	10.00		107	70-130			
1,2,4-Trimethylbenzene	9.58	1.0	µg/L	10.00		95.8	70-130			
1,3,5-Trimethylbenzene	9.93	1.0	µg/L	10.00		99.3	70-130			
Vinyl Chloride	10.7	2.0	µg/L	10.00		107	40-160			†
m+p Xylene	20.1	2.0	µg/L	20.00		100	70-130			
o-Xylene	9.74	1.0	µg/L	10.00		97.4	70-130			
Xylenes (total)	29.8	1.0	µg/L	30.00		99.4	0-200			
Surrogate: 1,2-Dichloroethane-d4	26.0		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	26.3		µg/L	25.00		105	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.00		99.9	70-130			
LCS Dup (B389318-BS1)										
Prepared & Analyzed: 10/15/24										
Acetone	102	50	µg/L	100.0		102	70-160	22.0	25	†
Benzene	12.1	1.0	µg/L	10.00		121	70-130	8.72	25	
Bromochloromethane	11.2	1.0	µg/L	10.00		112	70-130	3.44	25	V-20
Bromodichloromethane	9.49	0.50	µg/L	10.00		94.9	70-130	11.0	25	
Bromoform	7.97	1.0	µg/L	10.00		79.7	70-130	6.67	25	
Bromomethane	11.3	2.0	µg/L	10.00		113	40-160	11.6	25	V-20 †
2-Butanone (MEK)	110	20	µg/L	100.0		110	40-160	24.1	25	†
n-Butylbenzene	9.84	1.0	µg/L	10.00		98.4	70-130	0.612	25	
sec-Butylbenzene	9.53	1.0	µg/L	10.00		95.3	70-130	3.42	25	
tert-Butylbenzene	9.12	1.0	µg/L	10.00		91.2	70-130	3.23	25	
Carbon Disulfide	96.5	5.0	µg/L	100.0		96.5	70-130	9.35	25	
Carbon Tetrachloride	9.42	5.0	µg/L	10.00		94.2	70-130	5.37	25	
Chlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	2.25	25	
Chlorodibromomethane	8.75	0.50	µg/L	10.00		87.5	70-130	14.3	25	
Chloroethane	10.1	2.0	µg/L	10.00		101	70-130	11.1	25	
Chloroform	10.7	2.0	µg/L	10.00		107	70-130	1.94	25	
Chloromethane	25.0	2.0	µg/L	10.00		250	* 40-160	11.1	25	L-02, V-20 †
Cyclohexane	9.94	5.0	µg/L	10.00		99.4	70-130	6.22	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.53	5.0	µg/L	10.00		85.3	70-130	4.25	25	
1,2-Dibromoethane (EDB)	8.79	0.50	µg/L	10.00		87.9	70-130	20.0	25	
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	1.05	25	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	0.188	25	
1,4-Dichlorobenzene	9.84	1.0	µg/L	10.00		98.4	70-130	2.11	25	
Dichlorodifluoromethane (Freon 12)	7.95	2.0	µg/L	10.00		79.5	40-160	8.55	25	†
1,1-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130	12.4	25	
1,2-Dichloroethane	10.5	1.0	µg/L	10.00		105	70-130	0.191	25	
1,1-Dichloroethylene	10.0	1.0	µg/L	10.00		100	70-130	9.16	25	
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.00		106	70-130	10.3	25	
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.00		101	70-130	9.82	25	
1,2-Dichloropropane	11.0	1.0	µg/L	10.00		110	70-130	3.98	25	
cis-1,3-Dichloropropene	8.96	0.50	µg/L	10.00		89.6	70-130	17.4	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 B389318 - SW-846 5030B										
LCS Dup (B389318-BSD1)				Prepared & Analyzed: 10/15/24						
trans-1,3-Dichloropropene	8.32	0.50	µg/L	10.00		83.2	70-130	16.7	25	
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	1.85	25	
2-Hexanone (MBK)	86.2	10	µg/L	100.0		86.2	70-160	23.9	25	†
Isopropylbenzene (Cumene)	9.66	1.0	µg/L	10.00		96.6	70-130	0.104	25	
p-Isopropyltoluene (p-Cymene)	9.59	1.0	µg/L	10.00		95.9	70-130	1.68	25	
Methyl Acetate	10.4	1.0	µg/L	10.00		104	70-130	15.1	25	
Methyl tert-Butyl Ether (MTBE)	9.84	1.0	µg/L	10.00		98.4	70-130	11.7	25	
Methyl Cyclohexane	10.4	1.0	µg/L	10.00		104	70-130	3.03	25	
Methylene Chloride	9.96	5.0	µg/L	10.00		99.6	70-130	10.4	25	
4-Methyl-2-pentanone (MIBK)	87.7	10	µg/L	100.0		87.7	70-160	21.9	25	†
Naphthalene	7.69	2.0	µg/L	10.00		76.9	40-130	10.0	25	†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.00	25	
Styrene	10.1	1.0	µg/L	10.00		101	70-130	2.21	25	
1,1,2,2-Tetrachloroethane	9.91	0.50	µg/L	10.00		99.1	70-130	8.04	25	
Tetrachloroethylene	9.27	1.0	µg/L	10.00		92.7	70-130	13.3	25	
Toluene	9.65	1.0	µg/L	10.00		96.5	70-130	9.57	25	
1,2,3-Trichlorobenzene	10.3	5.0	µg/L	10.00		103	70-130	0.390	25	
1,2,4-Trichlorobenzene	9.42	1.0	µg/L	10.00		94.2	70-130	1.48	25	
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130	2.04	25	
1,1,2-Trichloroethane	9.57	1.0	µg/L	10.00		95.7	70-130	18.5	25	
Trichloroethylene	10.8	1.0	µg/L	10.00		108	70-130	3.49	25	
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.00		104	70-130	7.71	25	
1,2,3-Trichloropropane	11.9	2.0	µg/L	10.00		119	70-130	5.56	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.00		101	70-130	5.86	25	
1,2,4-Trimethylbenzene	9.66	1.0	µg/L	10.00		96.6	70-130	0.832	25	
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	0.505	25	
Vinyl Chloride	9.75	2.0	µg/L	10.00		97.5	40-160	9.10	25	†
m+p Xylene	20.8	2.0	µg/L	20.00		104	70-130	3.52	25	
o-Xylene	9.99	1.0	µg/L	10.00		99.9	70-130	2.53	25	
Xylenes (total)	30.8	1.0	µg/L	30.00		103	0-200	3.20		
Surrogate: 1,2-Dichloroethane-d4	25.5		µg/L	25.00		102	70-130			
Surrogate: Toluene-d8	23.0		µg/L	25.00		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	24.6		µg/L	25.00		98.3	70-130			

Batch B389319 - SW-846 5030B

Blank (B389319-BLK1)				Prepared & Analyzed: 10/15/24						
Acetone	ND	50	µg/L							
Benzene	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							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	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							

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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 B389319 - SW-846 5030B										
Blank (B389319-BLK1)				Prepared & Analyzed: 10/15/24						
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	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							
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							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	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							
Methyl Cyclohexane	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							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05
1,2,4-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							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.4	70-130			
Surrogate: Toluene-d8	23.6		µg/L	25.00		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.3	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 B389319 - SW-846 5030B										
LCS (B389319-BS1)				Prepared & Analyzed: 10/15/24						
Acetone	97.5	50	µg/L	100.0		97.5	70-160			†
Benzene	9.21	1.0	µg/L	10.00		92.1	70-130			
Bromochloromethane	9.71	1.0	µg/L	10.00		97.1	70-130			
Bromodichloromethane	9.81	0.50	µg/L	10.00		98.1	70-130			
Bromoform	9.27	1.0	µg/L	10.00		92.7	70-130			
Bromomethane	11.3	2.0	µg/L	10.00		113	40-160			†
2-Butanone (MEK)	95.2	20	µg/L	100.0		95.2	40-160			†
n-Butylbenzene	8.68	1.0	µg/L	10.00		86.8	70-130			
sec-Butylbenzene	9.11	1.0	µg/L	10.00		91.1	70-130			
tert-Butylbenzene	9.20	1.0	µg/L	10.00		92.0	70-130			
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130			
Carbon Tetrachloride	8.83	5.0	µg/L	10.00		88.3	70-130			
Chlorobenzene	10.4	1.0	µg/L	10.00		104	70-130			
Chlorodibromomethane	9.69	0.50	µg/L	10.00		96.9	70-130			
Chloroethane	10.6	2.0	µg/L	10.00		106	70-130			
Chloroform	9.31	2.0	µg/L	10.00		93.1	70-130			
Chloromethane	7.49	2.0	µg/L	10.00		74.9	40-160			V-05 †
Cyclohexane	8.03	5.0	µg/L	10.00		80.3	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.61	5.0	µg/L	10.00		76.1	70-130			V-05
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130			
1,2-Dichlorobenzene	10.0	1.0	µg/L	10.00		100	70-130			
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.00		101	70-130			
1,4-Dichlorobenzene	9.93	1.0	µg/L	10.00		99.3	70-130			
Dichlorodifluoromethane (Freon 12)	7.67	2.0	µg/L	10.00		76.7	40-160			†
1,1-Dichloroethane	8.71	1.0	µg/L	10.00		87.1	70-130			
1,2-Dichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
1,1-Dichloroethylene	9.28	1.0	µg/L	10.00		92.8	70-130			
cis-1,2-Dichloroethylene	8.83	1.0	µg/L	10.00		88.3	70-130			
trans-1,2-Dichloroethylene	9.14	1.0	µg/L	10.00		91.4	70-130			
1,2-Dichloropropane	9.45	1.0	µg/L	10.00		94.5	70-130			
cis-1,3-Dichloropropene	9.14	0.50	µg/L	10.00		91.4	70-130			
trans-1,3-Dichloropropene	9.16	0.50	µg/L	10.00		91.6	70-130			
Ethylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130			
2-Hexanone (MBK)	97.1	10	µg/L	100.0		97.1	70-160			†
Isopropylbenzene (Cumene)	9.86	1.0	µg/L	10.00		98.6	70-130			
p-Isopropyltoluene (p-Cymene)	8.79	1.0	µg/L	10.00		87.9	70-130			
Methyl Acetate	11.0	1.0	µg/L	10.00		110	70-130			
Methyl tert-Butyl Ether (MTBE)	8.80	1.0	µg/L	10.00		88.0	70-130			
Methyl Cyclohexane	9.46	1.0	µg/L	10.00		94.6	70-130			
Methylene Chloride	8.44	5.0	µg/L	10.00		84.4	70-130			
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100.0		101	70-160			†
Naphthalene	6.91	2.0	µg/L	10.00		69.1	40-130			V-05 †
n-Propylbenzene	9.73	1.0	µg/L	10.00		97.3	70-130			
Styrene	10.1	1.0	µg/L	10.00		101	70-130			
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130			
Tetrachloroethylene	10.5	1.0	µg/L	10.00		105	70-130			
Toluene	9.35	1.0	µg/L	10.00		93.5	70-130			
1,2,3-Trichlorobenzene	7.34	5.0	µg/L	10.00		73.4	70-130			V-05
1,2,4-Trichlorobenzene	8.33	1.0	µg/L	10.00		83.3	70-130			
1,1,1-Trichloroethane	9.11	1.0	µg/L	10.00		91.1	70-130			
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130			
Trichloroethylene	10.1	1.0	µg/L	10.00		101	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 B389319 - SW-846 5030B										
LCS (B389319-BS1)										
Prepared & Analyzed: 10/15/24										
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.00		101	70-130			
1,2,3-Trichloropropane	10.6	2.0	µg/L	10.00		106	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74	1.0	µg/L	10.00		97.4	70-130			
1,2,4-Trimethylbenzene	9.52	1.0	µg/L	10.00		95.2	70-130			
1,3,5-Trimethylbenzene	10.0	1.0	µg/L	10.00		100	70-130			
Vinyl Chloride	8.94	2.0	µg/L	10.00		89.4	40-160			†
m+p Xylene	19.5	2.0	µg/L	20.00		97.4	70-130			
o-Xylene	9.72	1.0	µg/L	10.00		97.2	70-130			
Xylenes (total)	29.2	1.0	µg/L	30.00		97.4	0-200			
Surrogate: 1,2-Dichloroethane-d4	22.7		µg/L	25.00		91.0	70-130			
Surrogate: Toluene-d8	24.2		µg/L	25.00		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.2	70-130			
LCS Dup (B389319-BSD1)										
Prepared & Analyzed: 10/15/24										
Acetone	94.5	50	µg/L	100.0		94.5	70-160	3.10	25	†
Benzene	9.44	1.0	µg/L	10.00		94.4	70-130	2.47	25	
Bromochloromethane	9.70	1.0	µg/L	10.00		97.0	70-130	0.103	25	
Bromodichloromethane	10.0	0.50	µg/L	10.00		100	70-130	2.42	25	
Bromoform	9.43	1.0	µg/L	10.00		94.3	70-130	1.71	25	
Bromomethane	9.76	2.0	µg/L	10.00		97.6	40-160	14.9	25	†
2-Butanone (MEK)	90.7	20	µg/L	100.0		90.7	40-160	4.78	25	†
n-Butylbenzene	8.87	1.0	µg/L	10.00		88.7	70-130	2.17	25	
sec-Butylbenzene	9.21	1.0	µg/L	10.00		92.1	70-130	1.09	25	
tert-Butylbenzene	9.33	1.0	µg/L	10.00		93.3	70-130	1.40	25	
Carbon Disulfide	107	5.0	µg/L	100.0		107	70-130	2.46	25	
Carbon Tetrachloride	8.87	5.0	µg/L	10.00		88.7	70-130	0.452	25	
Chlorobenzene	10.5	1.0	µg/L	10.00		105	70-130	1.53	25	
Chlorodibromomethane	9.76	0.50	µg/L	10.00		97.6	70-130	0.720	25	
Chloroethane	11.0	2.0	µg/L	10.00		110	70-130	3.52	25	
Chloroform	9.54	2.0	µg/L	10.00		95.4	70-130	2.44	25	
Chloromethane	7.75	2.0	µg/L	10.00		77.5	40-160	3.41	25	V-05 †
Cyclohexane	8.26	5.0	µg/L	10.00		82.6	70-130	2.82	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.40	5.0	µg/L	10.00		74.0	70-130	2.80	25	V-05
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.00		104	70-130	1.85	25	
1,2-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.88	25	
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	1.38	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.00		102	70-130	2.58	25	
Dichlorodifluoromethane (Freon 12)	8.10	2.0	µg/L	10.00		81.0	40-160	5.45	25	†
1,1-Dichloroethane	8.94	1.0	µg/L	10.00		89.4	70-130	2.61	25	
1,2-Dichloroethane	10.6	1.0	µg/L	10.00		106	70-130	4.05	25	
1,1-Dichloroethylene	9.53	1.0	µg/L	10.00		95.3	70-130	2.66	25	
cis-1,2-Dichloroethylene	9.05	1.0	µg/L	10.00		90.5	70-130	2.46	25	
trans-1,2-Dichloroethylene	9.11	1.0	µg/L	10.00		91.1	70-130	0.329	25	
1,2-Dichloropropane	9.76	1.0	µg/L	10.00		97.6	70-130	3.23	25	
cis-1,3-Dichloropropene	9.33	0.50	µg/L	10.00		93.3	70-130	2.06	25	
trans-1,3-Dichloropropene	9.08	0.50	µg/L	10.00		90.8	70-130	0.877	25	
Ethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	3.09	25	
2-Hexanone (MBK)	94.8	10	µg/L	100.0		94.8	70-160	2.40	25	†
Isopropylbenzene (Cumene)	10.0	1.0	µg/L	10.00		100	70-130	1.51	25	
p-Isopropyltoluene (p-Cymene)	8.98	1.0	µg/L	10.00		89.8	70-130	2.14	25	
Methyl Acetate	11.1	1.0	µg/L	10.00		111	70-130	1.36	25	
Methyl tert-Butyl Ether (MTBE)	8.73	1.0	µg/L	10.00		87.3	70-130	0.799	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 B389319 - SW-846 5030B										
LCS Dup (B389319-BSD1)				Prepared & Analyzed: 10/15/24						
Methyl Cyclohexane	9.58	1.0	µg/L	10.00		95.8	70-130	1.26	25	
Methylene Chloride	8.30	5.0	µg/L	10.00		83.0	70-130	1.67	25	
4-Methyl-2-pentanone (MIBK)	98.4	10	µg/L	100.0		98.4	70-160	2.39	25	
Naphthalene	6.36	2.0	µg/L	10.00		63.6	40-130	8.29	25	V-05 †
n-Propylbenzene	9.94	1.0	µg/L	10.00		99.4	70-130	2.14	25	
Styrene	10.5	1.0	µg/L	10.00		105	70-130	3.11	25	
1,1,2,2-Tetrachloroethane	10.5	0.50	µg/L	10.00		105	70-130	0.191	25	
Tetrachloroethylene	10.9	1.0	µg/L	10.00		109	70-130	3.63	25	
Toluene	9.79	1.0	µg/L	10.00		97.9	70-130	4.60	25	
1,2,3-Trichlorobenzene	6.68	5.0	µg/L	10.00		66.8 *	70-130	9.42	25	L-07, V-05
1,2,4-Trichlorobenzene	8.07	1.0	µg/L	10.00		80.7	70-130	3.17	25	
1,1,1-Trichloroethane	9.26	1.0	µg/L	10.00		92.6	70-130	1.63	25	
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.00		102	70-130	0.589	25	
Trichloroethylene	10.3	1.0	µg/L	10.00		103	70-130	2.45	25	
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.00		106	70-130	4.35	25	
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.00		108	70-130	1.86	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93	1.0	µg/L	10.00		99.3	70-130	1.93	25	
1,2,4-Trimethylbenzene	9.64	1.0	µg/L	10.00		96.4	70-130	1.25	25	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	1.97	25	
Vinyl Chloride	9.21	2.0	µg/L	10.00		92.1	40-160	2.98	25	†
m+p Xylene	20.0	2.0	µg/L	20.00		100	70-130	2.68	25	
o-Xylene	10.0	1.0	µg/L	10.00		100	70-130	3.24	25	
Xylenes (total)	30.1	1.0	µg/L	30.00		100	0-200	2.87		
Surrogate: 1,2-Dichloroethane-d4	22.9		µg/L	25.00		91.7	70-130			
Surrogate: Toluene-d8	24.1		µg/L	25.00		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.00		98.1	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.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY
Benzene	CT,ME,NH,VA,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
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
Cyclohexane	ME,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,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
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
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Ethylbenzene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY

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

CERTIFICATIONS
Certified Analyses included in this Report

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

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	04/1/2025
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

SAMPLER(S) Liam Blake <i>Liam Blake</i>						LABORATORY Pace Analytical Services 39 Spruce St., East Longmeadow, MA 01028 Attn: RJ McCarthy Phone: 413-525-2332						PRESERVATIVES: (see key at bottom)						ANALYSIS REQUIRED						LABORATORY USE ONLY Project Number: Job Number: Laboratory ID:																																															
CONTACT: Michael Grifasi						ADDRESS: 333 West Washington Street Syracuse, New York 13221-4873						PHONE: (315) 956-6100						EMAIL: michael.grifasi@ramboll.com						PROJECT: NYSDEC Claremont Polychemical Site Q3 Sampling						LOCATION: Old Bethpage, New York																																									
Sample Identification												Number of Containers												Grab [G] or Composite [C]												Field Filtered? (Y / N)												DER TCL VOCs by SW-36/8260												Lab Sample ID:											
Unique Field Sample ID (sys_sample_code)						Sample Location						Date						Time						Sample Type (See Key)						Sample Matrix (See Key)																																									
1 EW14D-CP-00-20241009						EW-14D						10/9/2024						9:30						N						WG						X												X																							
2 M30BR-CP-00-20241008						M-30BR						10/8/2024						12:05						N						WG						X												X																							
3 MW6D-CP-00-20241008						MW-6D						10/8/2024						9:30						N						WG						X												X																							
4 MW6D-CP-01-20241008						MW-6D						10/8/2024						---						FD						WG						X												X																							
5 MW7BR-CP-00-20241008						MW-7BR						10/8/2024						7:30						N						WG						X												X																							
6 MW8C-CP-00-20241008						MW-8C						10/8/2024						8:50						N						WG						X												X																							
7 MW10D-CP-00-20241008						MW-10D						10/8/2024						10:05						N						WG						X												X																							
8 MW11A-CP-00-20241009						MW-11A						10/9/2024						9:00						N						WG						X												X																							
9 MW11B-CP-00-20241009						MW-11B						10/9/2024						9:05						N						WG						X												X																							
10 SW1-CP-00-20241008						SW-1						10/8/2024						12:35						N						WG						X												X																							
11 WT01-CP-00-20241009						WT-01						10/9/2024						10:45						N						WG						X												X																							
12 TB-CP-QC-20241009						---						10/9/2024						12:00						TB						WG						X												X																							
13 OBS1-CP-00-20241008						OBS-1						10/8/2024						10:40						N						WG						X												X																							
14 LF1-CP-00-20241008						LF-1						10/8/2024						12:20						N						WG						X												X																							

Special Instructions: Use the top boxes if the samples are to be shipped via courier (e.g., Fed Ex).												Condition:												Other comments or notes regarding condition of samples as received:											
Relinquished by: <i>Liam Blake</i>						Courier Name: <i>PACE</i>						Date: <i>10-09-24</i>						Tracking #:						Time: <i>18:30</i>						Custody Seals Intact? (If so, indicate the #, date, and time of the seal)					
Relinquished by: <i>Anthony Green</i>						Courier Name: <i>PACE</i>						Date: <i>10-09-24</i>						Tracking #:						Time: <i>21:20</i>						Cooler Temperature:					
Relinquished by: <i>Anthony Green</i>						Received By:						Date: <i>10/9/24</i>						Time: <i>12:16</i>																	

Page 71 of 74

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$ $\frac{1}{10}$ $\frac{1}{11}$ $\frac{1}{12}$ $\frac{1}{13}$ $\frac{1}{14}$ $\frac{1}{15}$



DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Log In Back-Sheet

Client Ranboll

Project Ny Dec Claremont Polychemical Site a3 Sampling

MCP/RCP Required _____

Deliverable Package Requirement _____

Location Old Bethpage, New York

PWSID# (When Applicable) _____

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time Ryan 10-10-24 @ 8:15

Back-Sheet By / Date / Time ELI 10-11-24 @ 10:06

Temperature Method G4h # 6

WV samples: Yes (see note*) / No (follow normal procedure)

Temp < 6° C Actual Temperature 12.0.4

Rush Samples: Yes ☒ No ☐ Notify _____

Short Hold: Yes ☒ No ☐ Notify _____

Notes regarding Samples/COC outside of SOP:

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

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

Additional Container Notes

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



DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Sample		Soils ars (Circle Amb/Clear)	Ambers	Plastics	VOA Vials	Other / Fill in
1	16oz Amb/Clear					
2	8oz Amb/Clear					
3	4oz Amb/Clear					
4	2oz Amb/Clear					
5	Unpreserved					
6	HCL					
7	Sulfuric					
8	Sulfuric					
9	Phosphoric					
10	HCL					
11	Unpreserved					
12	Unpreserved					
13	Sulfuric					
14	Sulfuric					
15	Unpreserved					
16	Sulfuric					
17	Unpreserved					
18	Trizma					
19	Sulfuric					
20	Nitric					
21	NaOH					
22	Ammonium Acetate					
23	NaOH/Zinc					
24	Unpreserved					
25	HCL					
26	MeOH					
27	D.I. Water					
28	BiSulfate					
29	Col/Bact					
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ATTACHMENT D

FIELD DOCUMENTATION

PFAS Pre-Sampling Checklist

Site Name: _____ Task: _____

Weather (temp/precip): _____ Date: _____

Pre-Mobilization:

- ☐ The QAPP or other site-specific field guidance has been consulted for sample locations, QC sampling requirements, and sample nomenclature

Field Clothing and PPE:

- ☐ Using white Tyvek®; not using yellow Tyvek®
- ☐ Clothing has not been most recently washed with fabric softeners or other treatments
- ☐ Clothing has not been permanently chemically treated for insect resistance or UV protection
- ☐ Clothing has not been treated with materials or formulations potentially containing PTFE or other PFAS products listed named in this checklist
- ☐ Any personal care products, if used, have been applied outside sampling zone, hands have been washed, and new nitrile gloves are being used
- ☐ Any use of sunscreens or insect repellants is consistent with the commercial products named in this checklist

Field Equipment:

- ☐ Subcontractor (e.g., driller) materials and equipment conform to the requirements of this checklist (as applicable)
- ☐ Sampling equipment is free of PTFE and other potentially PFAS-containing components listed in this checklist
- ☐ Sampling equipment is made from stainless steel, HDPE, acetate, silicon, HDPE, or nylon
- ☐ Waterproof field books, waterproof paper, and Post-It Notes® are not used
- ☐ Markers (e.g., Sharpies®) are used only in the staging area or are not used

Sample Containers:

- ☐ Water ice is in use only, not chemical (blue) ice packs
- ☐ Sample containers have been received and are made of HDPE or polypropylene
- ☐ Bottleneck for non-drinking water samples do not contain preservative
- ☐ Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- ☐ Wet weather gear made of polyurethane and PVC only, or is being worn under white Tyvek® covering

Equipment Decontamination (as applicable):

- ☐ On-site or off-site public or private water, if to be used for equipment decontamination, has been analyzed and is "PFAS-free" (water that does not contain any site-specific target PFAS analytes above laboratory detection limits).
- ☐ Alconox®, Liquinox®, or Citranox® are being used as decontamination cleaning agents; Decon 90® is not being used

Food Considerations:

- ☐ Any pre-wrapped food or snacks, carry-out food, fast food, or other food items will remain in the staging area
- ☐ Any food items, will be consumed outside the sampling zone, hands will be washed, and new PPE and nitrile gloves will be used

Work Area and Vehicle Considerations:

- ☐ Work areas, including vehicle interiors if used for sample handling, are covered with HDPE or LDPE plastic to prevent contact with potentially PFAS-containing materials and surfaces

If any applicable boxes cannot be checked, describe deviations below and work with field personnel to address issues prior to commencement of that day's work. Materials present and identified as potentially containing PFAS through use of this checklist should be relocated to the support area or other area of the site away from the sampling locations and noted below.

Field Team Leader Name and Signature _____

Time _____

Field clothing and PPE to be **avoided** include:

- Clothing that has recently been washed with fabric softener.
- Coated (i.e., yellow) Tyvek®.
- Clothing chemically treated for insect resistance and ultraviolet protection.
- Clothing that has been treated with water and/or stain resistant coatings such as:
 - Any Teflon® fabric protectors (e.g., Gore Tex)
 - Any Scotchgard™ fabric protectors
 - Bionic Finish®
 - GreenShield®
 - High-Performance Release Teflon®
 - Lurotex Protector RL ECO®
 - Resists Spills™ and Releases Stains™
 - RUCO®
 - RUCO-COAT®
 - RUCO-GUARD®
 - RUCO-PROTECT®
 - RUCOSTAR®
 - NK Guard S series
 - Oleophobol CP®
 - Repel Teflon® fabric protector
 - Repellan KFC®
 - Rucostar® EEE6
 - RUCOTEC®
 - Ultra Release Teflon®
 - Unidyne™

If required, sun and biological protection products **preferred for use** (however, care should be taken to use these exact products because similar products from the same brand may contain PFAS) include:

- Alba Organics Natural Sunscreen
- Aubrey Organics
- Avon Skin So Soft Bug Guard-SPF 30
- Baby Ganics
- Banana Boat for Men Triple Defense Continuous Spray Sunscreen SPF 30
- Banana Boat Sport Performance Coolzone Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Lotion Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Stick SPF 50
- California Baby Natural Bug Spray

- Coppertone Sport High-Performance AccuSpray Sunscreen SPF 30
- Coppertone Sunscreen Lotion Ultra Guard Broad Spectrum SPF 50
- Coppertone Sunscreen Stick Kids SPF 55
- Herbal Armor
- Jason Natural Quit Bugging Me
- Jason Natural Sun Block
- Kiss My Face
- L'Oréal Silky Sheer Face Lotion 50+
- Meijer Clear Zinc Sunscreen Lotion Broad Spectrum SPF 15, 30 and 50
- Meijer Wet Skin Kids Sunscreen Continuous Spray Broad Spectrum SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Lotion SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Spray Broad Spectrum SPF 30
- Neutrogena Pure & Free Baby Sunscreen Broad Spectrum SPF 60+
- Neutrogena Ultra-Sheer Dry-Touch Sunscreen Broad Spectrum SPF 30
- Repel Lemon Eucalyptus
- Sawyer Permethrin
- Yes To Cucumbers

Sampling equipment and materials to be **avoided**, which include:

- Polytetrafluoroethylene (PTFE), including the trademarks Teflon® and Hostaflon®.
- Fluorinated ethylene propylene (FEP), including the trademarks Teflon® FEP, Hostaflon® FEP, and Neoflon®.
- Polyvinylidene fluoride (PVDF), including the trademark Kynar®.
- Polychlorotrifluoroethylene (PCTFE), including the trademark Neoflon®.
- Ethylene-tetrafluoroethylene (ETFE), including the trademark Tefzel®.
- Trademarks Viton®, Gore-Tex® and Decon 90® products with the term “fluoro” in the product name.
- Waterproof field notebooks.
- New clothing, as it may have fabric treatment applied.
- Post-It® notes or similar.
- Decon 90®.

PFAS Pre-Sampling Checklist

Site Name: _____ Task: _____

Weather (temp/precip): _____ Date: _____

Pre-Mobilization:

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- ☐ Clothing has not been permanently chemically treated for insect resistance or UV protection
- ☐ Clothing has not been treated with materials or formulations potentially containing PTFE or other PFAS products listed named in this checklist
- ☐ Any personal care products, if used, have been applied outside sampling zone, hands have been washed, and new nitrile gloves are being used
- ☐ Any use of sunscreens or insect repellants is consistent with the commercial products named in this checklist

Field Equipment:

- ☐ Subcontractor (e.g., driller) materials and equipment conform to the requirements of this checklist (as applicable)
- ☐ Sampling equipment is free of PTFE and other potentially PFAS-containing components listed in this checklist
- ☐ Sampling equipment is made from stainless steel, HDPE, acetate, silicon, HDPE, or nylon
- ☐ Waterproof field books, waterproof paper, and Post-It Notes® are not used
- ☐ Markers (e.g., Sharpies®) are used only in the staging area or are not used

Sample Containers:

- ☐ Water ice is in use only, not chemical (blue) ice packs
- ☐ Sample containers have been received and are made of HDPE or polypropylene
- ☐ Bottleneck for non-drinking water samples do not contain preservative
- ☐ Caps are unlined and made of HDPE or polypropylene

Wet Weather (as applicable):

- ☐ Wet weather gear made of polyurethane and PVC only, or is being worn under white Tyvek® covering

Equipment Decontamination (as applicable):

- ☐ On-site or off-site public or private water, if to be used for equipment decontamination, has been analyzed and is "PFAS-free" (water that does not contain any site-specific target PFAS analytes above laboratory detection limits).
- ☐ Alconox®, Liquinox®, or Citranox® are being used as decontamination cleaning agents; Decon 90® is not being used

Food Considerations:

- ☐ Any pre-wrapped food or snacks, carry-out food, fast food, or other food items will remain in the staging area
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Work Area and Vehicle Considerations:

- ☐ Work areas, including vehicle interiors if used for sample handling, are covered with HDPE or LDPE plastic to prevent contact with potentially PFAS-containing materials and surfaces

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Time _____

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- Clothing chemically treated for insect resistance and ultraviolet protection.
- Clothing that has been treated with water and/or stain resistant coatings such as:
 - Any Teflon® fabric protectors (e.g., Gore Tex)
 - Any Scotchgard™ fabric protectors
 - Bionic Finish®
 - GreenShield®
 - High-Performance Release Teflon®
 - Lurotex Protector RL ECO®
 - Resists Spills™ and Releases Stains™
 - RUCO®
 - RUCO-COAT®
 - RUCO-GUARD®
 - RUCO-PROTECT®
 - RUCOSTAR®
 - NK Guard S series
 - Oleophobol CP®
 - Repel Teflon® fabric protector
 - Repellan KFC®
 - Rucostar® EEE6
 - RUCOTEC®
 - Ultra Release Teflon®
 - Unidyne™

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- Banana Boat for Men Triple Defense Continuous Spray Sunscreen SPF 30
- Banana Boat Sport Performance Coolzone Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Lotion Broad Spectrum SPF 30
- Banana Boat Sport Performance Sunscreen Stick SPF 50
- California Baby Natural Bug Spray

- Coppertone Sport High-Performance AccuSpray Sunscreen SPF 30
- Coppertone Sunscreen Lotion Ultra Guard Broad Spectrum SPF 50
- Coppertone Sunscreen Stick Kids SPF 55
- Herbal Armor
- Jason Natural Quit Bugging Me
- Jason Natural Sun Block
- Kiss My Face
- L'Oréal Silky Sheer Face Lotion 50+
- Meijer Clear Zinc Sunscreen Lotion Broad Spectrum SPF 15, 30 and 50
- Meijer Wet Skin Kids Sunscreen Continuous Spray Broad Spectrum SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Lotion SPF 70
- Neutrogena Beach Defense Water + Sun Barrier Spray Broad Spectrum SPF 30
- Neutrogena Pure & Free Baby Sunscreen Broad Spectrum SPF 60+
- Neutrogena Ultra-Sheer Dry-Touch Sunscreen Broad Spectrum SPF 30
- Repel Lemon Eucalyptus
- Sawyer Permethrin
- Yes To Cucumbers

Sampling equipment and materials to be **avoided**, which include:

- Polytetrafluoroethylene (PTFE), including the trademarks Teflon® and Hostaflon®.
- Fluorinated ethylene propylene (FEP), including the trademarks Teflon® FEP, Hostaflon® FEP, and Neoflon®.
- Polyvinylidene fluoride (PVDF), including the trademark Kynar®.
- Polychlorotrifluoroethylene (PCTFE), including the trademark Neoflon®.
- Ethylene-tetrafluoroethylene (ETFE), including the trademark Tefzel®.
- Trademarks Viton®, Gore-Tex® and Decon 90® products with the term “fluoro” in the product name.
- Waterproof field notebooks.
- New clothing, as it may have fabric treatment applied.
- Post-It® notes or similar.
- Decon 90®.



Low Flow Groundwater Sampling Log

Well ID: MW-CPC-36
Northing:
Easting: Site Name: Claremont Poly Sampling Method: Submersible Pump Field Personnel: LFB BRO
Site Location: Old Bethpage, NY Equipment Used: GeoPump Bladder Date: 10/3/2024
Project #: 1940101703 Pump/Controller ID#: 2396/42313 Weather: Cloudy 71F

Well information:

Installed Depth of Well*: 255.70 ft. bmp. 1 in. = 0.041 gal/ft Measurement Point*: Top of Well Casing
Measured Depth of Well*: 255.70 ft. bmp. X 2 in. = 0.163 gal/ft If other:
Depth to Water*: 20.20 ft. bmp. 4 in. = 0.653 gal/ft
Water Column Length (LWC): 235.50 ft. 6 in. = 1.469 gal/ft Well Volume: 38.4 gallons
Well Diameter: 2.0 in. 8 in. = 2.611 gal/ft Pump Intake Depth*: 251.0 ft. bmp.

Well Volume Multipliers:

Start Purge Time: 12:40

Initial: Color Clear Odor Slight Unknown Chemical Sheen/Free Product None

Select Units from Dropdown Menus

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity NTU	Flow Rate ml/min	Other
0:00	20.2	17.29	6.90	0.421	-95.0	4.99	8.72	275	
5	20.2	15.97	7.62	0.547	-228.0	0.66	4.75	300	
10	20.2	15.28	7.87	0.552	-271.0	0.86	3.94	300	
15	20.2	14.51	7.90	0.557	-277.0	1.37	3.32	300	
20	20.2	14.6	7.93	0.558	-282.0	1.50	4.36	300	
25	20.2	14.35	7.79	0.543	-267.0	1.62	3.87	300	
30	20.1	14.1	7.55	0.524	-235.0	1.32	3.98	300	
35	20.1	14.11	7.42	0.515	-220.0	1.05	4.01	300	
40	20.1	14.08	7.31	0.505	-207.0	0.94	3.84	300	
45	20.1	14.01	7.10	0.476	-182.0	0.73	2.80	300	
50	20.2	14.07	7.00	0.463	-165.0	0.63	11.30	300	
55	20.2	13.95	6.83	0.441	-147.0	0.41	11.80	300	
60	20.2	13.95	6.75	0.425	-135.0	0.35	7.42	300	
65	20.2	13.95	6.62	0.412	-112.0	0.15	6.13	300	
70	20.2	13.95	6.60	0.414	-115.0	0.13	5.82	300	
75	20.2	13.95	6.60	0.407	-110.0	0.10	3.41	300	
80	20.2	13.95	6.62	0.405	-109.0	0.09	2.74	300	
85									
90									
Stabilization	$\Delta \leq 0.3'$	$\pm 3\%$	± 0.1	$\pm 3\%$	± 10 mV	$\pm 10\%$	$\pm 10\%$	$200 \leq X \leq 500$	

End Purge Time: 14:00

DO Titration: NA mg/L

Total volume of groundwater purged: 7 gal.

Final: Color Clear Odor None Sheen/Free Product None

Analytical Sample ID: MW-CPC-36-22-251-20241003-0 Date: 10/3/2024 Time: 14:10

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	2	No	None	Pace Analytical
1 liter	Amber Glass	2	No	None	Pace Analytical
60 ml	Clear VOA	3	No	HCl	Pace Analytical
125 ml	Polyethylene	1	No	None	Pace Analytical

Notes:



Low Flow Groundwater Sampling Log

Well ID: MW-CPC-37
Northing: _____
Easting: _____Site Name: Claremont Poly Sampling Method: Submersible Pump Field Personnel: BRO LFB
Site Location: Old Bethpage, NY Equipment Used: GeoPump Bladder Date: 10/3/2024
Project #: 1940101703 p/Controller/Intake ID#: 2396/42313 Weather: Sunny 68F

Well information:

Installed Depth of Well*: 450 ft. bmp. 1 in. = 0.041 gal/ft Measurement Point*: Top of Well Casing
Measured Depth of Well*: 450 ft. bmp. X 2 in. = 0.163 gal/ft If other: _____
Depth to Water*: 26.75 ft. bmp. 4 in. = 0.653 gal/ft
Water Column Length (LWC): 423.25 ft. 6 in. = 1.469 gal/ft Well Volume: 69.0 gallons
Well Diameter: 2.0 in. 8 in. = 2.611 gal/ft Pump Intake Depth*: 445.0 ft. bmp.

Well Volume Multipliers:

Start Purge Time: 10:05

Initial: Color Clear Odor Sulfur-like Sheen/Free Product None

Select Units from Dropdown Menus

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity NTU	Flow Rate ml/min	Other
0:00	26.75	15.43	6.30	0.251	2	13.34	6.15	350	
5	26.93	14.25	6.31	0.266	-4	12.03	5.21	350	
10	26.90	14.26	6.60	0.303	-42	11.59	5.86	350	
15	27.00	14.09	6.65	0.305	-45	11.03	2.16	350	
20	27.01	13.74	5.94	0.325	31	10.53	1.87	350	
25	27.03	13.68	5.06	0.346	146	9.62	2.85	350	
30	27.10	13.64	4.82	0.353	199	8.64	1.98	350	
35	27.10	13.58	4.69	0.359	234	8.24	1.86	350	
40	27.10	13.90	4.60	0.365	250	7.62	1.93	350	
45	27.10	13.65	4.57	0.364	246	7.25	1.42	350	
50	27.10	13.70	4.52	0.369	241	6.52	2.13	350	
55	27.10	13.62	4.51	0.368	239	6.42	1.81	350	
60	27.10	13.58	4.49	0.371	238	6.41	2.19	350	
65									
70									
75									
80									
85									
Stabilization	$\Delta \leq 0.3'$	$\pm 3\%$	± 0.1	$\pm 3\%$	± 10 mV	$\pm 10\%$	$\pm 10\%$	$200 \leq X \leq 500$	

End Purge Time: 11:05

DO Titration: NA mg/L

Total volume of groundwater purged: 6 gal.

Final: Color Clear Odor None Sheen/Free Product None

Analytical Sample ID: MW-CPC-37-22-445-20241003 Date: 10/3/2024 Time: 11:15

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	2	No	None	Pace Analytical
1 liter	Amber Glass	2	No	None	Pace Analytical
60 ml	Clear VOA	3	No	HCl	Pace Analytical
125 ml	Polyethylene	1	No	None	Pace Analytical

Notes:



Low Flow Groundwater Sampling Log

Well ID: MW-CPC-38
Northing: _____
Easting: _____

Site Name: Claremont Poly Sampling Method: Submersible Pump Field Personnel: LFB BRO
Site Location: Old Bethpage, NY Equipment Used: GeoPump Bladder Date: 10/2/2024
Project #: 1940101703 Pump/Controller ID#: 2396/42313 Weather: Sunny 65F

Well information:

Installed Depth of Well*: 395.00 ft. bmp.
Measured Depth of Well*: 395.00 ft. bmp.
Depth to Water*: 26.23 ft. bmp.
Water Column Length (LWC): 368.77 ft.
Well Diameter: 2.0 in.

Well Volume Multipliers:

1 in. = 0.041 gal/ft Measurement Point*: Top of Well Casing
2 in. = 0.163 gal/ft If other: _____
4 in. = 0.653 gal/ft
6 in. = 1.469 gal/ft Well Volume: 60.1 gallons
8 in. = 2.611 gal/ft Pump Intake Depth*: 391.0 ft. bmp.

Start Purge Time: 8:45

Initial: Color Clear Odor Slight Unknown Chemical Sheen/Free Product None

Select Units from Dropdown Menus

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity NTU	Flow Rate ml/min	Other
0:00	26.23	16.33	8.39	0.156	-102	10.90	33.8	200	
5	26.79	13.67	11.20	0.222	-135	10.00	27.3	350	
10	26.95	13.35	11.29	0.223	-152	8.99	30.2	350	
15	27.05	13.21	11.23	0.221	-179	8.47	27.5	350	
20	27.09	13.01	11.23	0.202	-206	8.09	36.3	350	
25	27.13	12.93	11.17	0.201	-210	8.03	36.9	350	
30	27.19	13.10	11.15	0.202	-214	7.92	34.5	350	
35	27.23	13.05	11.15	0.202	-213	7.90	34.8	350	
40	27.31	13.08	11.13	0.200	-217	7.94	33.2	350	
45									
50									
55									
60									
65									
70									
75									
80									
85									
Stabilization	$\Delta \leq 0.3'$	$\pm 3\%$	± 0.1	$\pm 3\%$	$\pm 10 \text{ mV}$	$\pm 10\%$	$\pm 10\%$	$200 \leq X \leq 500$	

End Purge Time: 9:25

DO Titration: NA mg/L

Total volume of groundwater purged: 3.5 gal.

Final: Color Clear Odor Slight Unknown Chemical Sheen/Free Product None

Analytical Sample ID: MW-CPC-38-22-391-20241002 Date: 10/2/2024 Time: 9:35

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	2	No	None	Pace Analytical
1 liter	Amber Glass	2	No	None	Pace Analytical
60 ml	Clear VOA	3	No	HCl	Pace Analytical
125 ml	Polyethylene	1	No	None	Pace Analytical

Notes: _____



Low Flow Groundwater Sampling Log

Well ID: MW-CPC-39
Northing: _____
Easting: _____Site Name: Claremont Poly Sampling Method: Submersible Pump Field Personnel: LFB BRO
Site Location: Old Bethpage, NY Equipment Used: GeoPump Bladder Date: 10/2/2024
Project #: 1940101703 Pump/Controller ID#: 2396/42313 Weather: Cloudy 69F

Well information:

Installed Depth of Well*: 390 ft. bmp. 1 in. = 0.041 gal/ft Measurement Point*: Top of Well Casing
Measured Depth of Well*: 390 ft. bmp. X 2 in. = 0.163 gal/ft If other: _____
Depth to Water*: 24.78 ft. bmp. 4 in. = 0.653 gal/ft
Water Column Length (LWC): 365.22 ft. 6 in. = 1.469 gal/ft Well Volume: 59.5 gallons
Well Diameter: 2.0 in. 8 in. = 2.611 gal/ft Pump Intake Depth*: 374.0 ft. bmp.

Well Volume Multipliers:

Start Purge Time: 13:45

Initial: Color Clear Odor Sulfur-like Sheen/Free Product None

Select Units from Dropdown Menus

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity NTU	Flow Rate ml/min	Other
0:00	24.78	17.59	5.77	0.032	-9	1.10	11.40	200	
5	24.95	16.48	5.81	0.029	-34	0.85	8.97	200	
10	25.02	15.53	5.76	0.028	-34	0.51	6.42	200	
15	25.08	15.20	5.77	0.027	-33	0.43	7.31	200	
20	25.14	14.90	5.69	0.027	-33	0.34	9.31	200	
25	25.21	14.82	5.70	0.026	-26	0.26	8.80	200	
30	25.25	14.69	5.62	0.026	-15	0.23	12.0	200	
35	25.30	14.37	5.62	0.026	-8	0.13	12.0	200	
40	25.30	14.27	5.59	0.026	-9	0.07	11.3	200	
45	25.30	14.21	5.62	0.026	-10	0.07	10.7	200	
50	25.30	14.11	5.59	0.026	9	0.07	10.5	200	
55									
60									
65									
70									
75									
80									
85									
90									
Stabilization	$\Delta \leq 0.3'$	$\pm 3\%$	± 0.1	$\pm 3\%$	± 10 mV	$\pm 10\%$	$\pm 10\%$	$200 \leq X \leq 500$	

End Purge Time: 9:25

DO Titration: NA mg/L

Total volume of groundwater purged: 3 gal.

Final: Color Clear Odor Sulfur-like Sheen/Free Product None

Analytical Sample ID: MW-CPC-39-21-374-20241002 Date: 10/2/2024 Time: 14:45

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	2	No	None	Pace Analytical
1 liter	Amber Glass	2	No	None	Pace Analytical
60 ml	Clear VOA	3	No	HCl	Pace Analytical
125 ml	Polyethylene	1	No	None	Pace Analytical

Notes: Field Duplicate collected



Low Flow Groundwater Sampling Log

Well ID: MW-CPC-40
Northing:
Easting: Site Name: Claremont Poly Sampling Method: Submersible Pump Field Personnel: LFB BRO
Site Location: Old Bethpage, NY Equipment Used: GeoPump Bladder Date: 10/3/2024
Project #: 1940101703 Pump/Controller ID#: Weather: Part Cloudy, 60 F

Well information:

Installed Depth of Well*: 317 ft. bmp.
Measured Depth of Well*: 317 ft. bmp.
Depth to Water*: 56.15 ft. bmp.
Water Column Length (LWC): 260.85 ft.
Well Diameter: 2.0 in.

Well Volume Multipliers:

1 in. = 0.041 gal/ft Measurement Point*: Top of Well Casing
X 2 in. = 0.163 gal/ft If other:
4 in. = 0.653 gal/ft
6 in. = 1.469 gal/ft Well Volume: 42.5 gallons
8 in. = 2.611 gal/ft Pump Intake Depth*: 312.0 ft. bmp.

Start Purge Time: 7:25

Initial: Color Clear Odor None Sheen/Free Product None

Select Units from Dropdown Menus

Elapsed Time Minutes	Depth to Water ft bmp	Temperature Celsius	pH SU	Specific Conductivity mS/cm	ORP mV	Dissolved Oxygen mg/L	Turbidity NTU	Flow Rate ml/min	Other
0:00	56.15	14.17	6.08	0.103	130	12.49	2.58	300	
5	56.10	12.97	5.97	0.099	120	11.50	1.84	300	
10	56.10	12.62	5.76	0.097	91	10.67	1.71	300	
15	56.10	12.57	5.49	0.097	160	10.16	3.46	300	
20	55.91	12.55	5.48	0.097	182	9.66	4.10	300	
25	55.91	12.48	5.48	0.097	192	9.21	4.72	300	
30	55.90	12.48	5.46	0.097	202	8.84	4.16	300	
35	55.90	12.42	5.47	0.097	206	8.86	4.70	300	
40	55.90	12.43	5.46	0.097	209	8.70	4.34	300	
45									
50									
55									
60									
65									
70									
75									
80									
85									
90									
Stabilization	$\Delta \leq 0.3'$	$\pm 3\%$	± 0.1	$\pm 3\%$	± 10 mV	$\pm 10\%$	$\pm 10\%$	$200 \leq X \leq 500$	

End Purge Time: 8:05

DO Titration: NA mg/L

Total volume of groundwater purged: 4 gal.

Final: Color Clear Odor None Sheen/Free Product None

Analytical Sample ID: MW-CPC-40-22-312--20241003 Date: 10/3/2024 Time: 8:15

Container Size	Container Type	Qty Collected	Field Filtered?	Preservative	Laboratory
500 ml	Polyethylene	2	No	None	Pace Analytical
1 liter	Amber Glass	2	No	None	Pace Analytical
60 ml	Clear VOA	3	No	HCl	Pace Analytical
125 ml	Polyethylene	1	No	None	Pace Analytical

Notes:

