Sterling Environmental Engineering, P.C.

September 18, 2024

Mr. Matthew Hubicki
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Subject: Annual Groundwater Sampling and SSDS Inspection
New Paltz Plaza, New Paltz, NY
Site No. V00087/356021
STERLING File #2014-45

Dear Mr. Hubicki,

Sterling Environmental Engineering, P.C. (STERLING) performed annual groundwater sampling and inspected the sub-slab depressurization systems (SSDSs) at the New Paltz Plaza on August 21, 2024. The groundwater sampling and inspections were completed per the October 2014 approved Site Management Plan (SMP).

Groundwater levels were measured, and groundwater samples were collected from the five (5) site monitoring wells (MW-2, MW-9, MW-10, MW-11, and BR-2) per the SMP. A summary of the groundwater levels is provided in Table 1, and a groundwater contour map prepared using the measured water levels is presented in Figure 1. Groundwater samples were collected using low-flow purging and sampling methodology. Temperature, pH, Specific Conductivity, Oxidation Reduction Potential (ORP) and Dissolved Oxygen (DO) were measured in the field. Groundwater samples were collected once field parameters stabilized. Field forms for groundwater sampling, water level measurements, and the daily field report are provided in Attachment 1.

Groundwater samples were analyzed for Volatile Organic Compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260 in accordance with the SMP. A duplicate sample was collected and analyzed from MW-11 for quality control.

Groundwater samples were analyzed by Alpha Analytical Laboratories, Inc. (Alpha). The results for VOCs detected at or above the laboratory reporting limit are summarized in Tables 2 through 6. Concentrations of total VOCs were consistent with historical concentrations with relatively minor variation. The laboratory analytical report is provided in Attachment 2. The groundwater analytical results and laboratory report will be included in the next Periodic Review Report (September 2025).

The SSDSs were inspected on August 21, 2024. SSDS locations are shown in Figure 2. All systems are currently operating properly. The results of the inspections are summarized on the inspection form in Attachment 3.

Please contact me should you have any questions.

Best Regards,
STERLING ENVIRONMENTAL ENGINEERING, P.C.

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TMJ/bc
Via Email
Attachments: Tables 1 – 6
Figures 1 & 2
Attachments 1, 2 and 3

cc: P. Kempner

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TABLES

TABLE 1
Ground Water Elevations
Ground Water Monitoring Program
New Paltz Plaza

Well ID	Measuring Point Elevation	August 21, 2024	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.31	94.00
MW-9	92.04	3.41	88.63
MW-10	92.56	8.50	84.06
MW-11	92.52	9.44	83.08
BR-2	94.95	2.80	92.15

Notes:

1. Measuring point elevations are from 1/20/98 survey data, except for MW-11 and MW-12. MW-11 and MW-12 were surveyed on 8/30/2007. Elevations are relative to an arbitrary site datum of 100 feet.

2. Wells MW 1, MW-3, MW 4, MW 6, MW 7, MW 12, BR 1 and BR-4 were abandoned on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring.

3. Well BR-2 was repaired in 2021. Approximately 0.25 feet of steel casing was removed. Measuring Point Elevation is approximate.

TABLE 2

Well MW-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	3/19/1996	3/22/1996	4/26/1996		2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998		2/26/1999	2/26/1999	2/26/1999
Halogenated Volatile Organics																		
Vinyl Chloride	<1000	U	<500	<500	<200	<2,000	<500	<1,000		21	20	<10	10	13		<10	<10	11
cis-1,2-Dichloroethene	<500	600	<500	<500	420	<1,000	260	280		160	200	100	150	150		120	120	130
1,1,1-Trichloroethane	<500	<500	550	750	590	<1,000	270	300		160	130	20	47	30		18	18	20
Trichloroethene	1,400	<500	<500	<500	<200	<1,000	160	<200		120	140	53	150	150		87	87	86
Tetrachloroethene	3,100	7,600	21,000	31,000	21,000	21,000	13,000	15,000		9,100	5,600	2,100	4,500	3,600		2,700	2,700	2,700
1, 1-Dichloroethane	<500	U	<500	U	U	U	<100	<200		6	4.0	<10	5.1J	<10		<10	<10	2.3
1, 1-Dichloroethene	<500	U	<500	U	U	U	<100	<200		12	7.0	<10	<10	<10		<10	<10	1.5
trans-1, 2-Dichloroethene	<500	U	<500	U	U	U	<100	<200		<1.0	2.0	<10	<10	<10		<10	<10	1.0
1,1,1,2-Tetrachloroethane	NA	U	NA	U	U	U	NA	NA		4.1	<1.0	<10	<10	<10		<10	<10	<1.0
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA		NA	<1.0	<1.0
TOTAL VOCs	**4500**	**8200**	**21550**	**31750**	**22010**	**21000**	**13690**	**15580**		**9583.1**	**6103**	**2273**	**4862.1**	**3943**		**2925**	**2925**	**2951.8**
		(Dup)		(Dup)														

	8/2/2001	8/2/2001	11/6/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection: November 2003	5/19/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection: September 2006	12/14/2006	3/28/2007	6/21/2007
Halogenated Volatile Organics																		
Vinyl Chloride	31	25	<10	<10	<10	5.5	<10	5.6		60	19	37	110	620		40	37	67
cis-1,2-Dichloroethene	440	370	260	240	140	110	500	290		5200	53	87	370	1400		130	110	210
1,1,1-Trichloroethane	26	29	7.8J	7.1J	5.2J	20	13	29		20	<1.0	2.0	1.0	<1.0		1.0J	<5.0	<5.0
Trichloroethene	320	340	130	120	67	34	180	170		170	8.9	13	19	24		23	12	20
Tetrachloroethene	4,700	5,500	2,300	2,300	1,300	670	2,500	3,900		58	33	84	100	110		220	270	270
1, 1-Dichloroethane	<10	3.6	<10	<10	<10	1.2J	<10	<10		14	5.6	7.9	9.4	9		6	<5.0	5
1, 1-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		7.0	<1.0	<1.0	0.51J	<1.0		<5.0	<5.0	<5.0
trans-1, 2-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		34	8.6	8.2	14	24		9	6	7
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<2.0	<10	<10		<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5	<5.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	24	20	14	2.0J		7	7	18
TOTAL VOCs	**5517**	**6274.6**	**2697.8**	**2667.1**	**1512.2**	**840.7**	**3193**	**4394.6**		**5563**	**152.1**	**259.1**	**637.9**	**2189**		**436**	**442**	**597**
												(DUP)		(DUP)				

	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016		9/5/2017	11/20/2018	11/20/2018	11/14/2019	11/14/2019		9/2/2021	8/10/2022	8/22/2023
Halogenated Volatile Organics																		
Vinyl Chloride	56	20	300	11	120	160	240	260		470	800 E	640	350	400		120	580	350
cis-1,2-Dichloroethene	250	60	900	35	300	1200	1200	1800		1900	3100 E	2600	2600	3000		1600	3100	2500
1,1,1-Trichloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<18	<50		<50	0.93 J	<62	<62	<62		<25	<50	<50
Trichloroethene	31	9	<25.0	<5.0	16	55	41	79		41	100	83	240	240		140	460	340
Tetrachloroethene	330	84	480	5.3	220	460	120	170		65	180	160	740	760		320	1000	870
1, 1-Dichloroethane	10	<5.0	<25.0	<5.0	2.9J	<50.0	<18	<50		<50	11	<62	<62	<62		<25	<50	<50
1, 1-Dichloroethene	<5.0	<5.0	<25.0	<5.0	<5.0	<10.0	<3.6	4.2 J		3.7 J	5.6	<12	<12	<12		<5.0	7.1 J	6 J
trans-1, 2-Dichloroethene	10	<5.0	<25.0	<5.0	5.9	<50.0	<18	14 J		24 J	24	25 J	<62	<62		10 J	23 J	21 J
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<3.6	<10		NA	NA	NA	NA	NA		<5.0	NA	NA
Chloroethane	16	13	<25.0	<10.0	<5.0	<50.0	<18	<50		<50	<2.5	<62	<62	<62		<25	<50	<50
TOTAL VOCs	**703**	**186**	**1680**	**51.3**	**664.8**	**1875**	**1601**	**2327.2**		**2503.7**	**4111.53**	**3508**	**3930**	**4400**		**2190**	**5170.1**	**4087**

Halogenated Volatile Organics	8/21/2024
Vinyl Chloride	250
cis-1,2-Dichloroethene	2900
1,1,1-Trichloroethane	<50
Trichloroethene	370
Tetrachloroethene	990
1, 1-Dichloroethane	<50
1, 1-Dichloroethene	5.9 J
trans-1, 2-Dichloroethene	23 J
1,1,1,2-Tetrachloroethane	<10
Chloroethane	<50
TOTAL VOCs	**4538.9**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for indicated compound.
5. < = Compound was not detected at or above the given laboratory method detection limit.
6. All results are in micrograms per liter (ug/l, ppb).
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. D = Indicates a dilution of the sample was required for analysis.

TABLE 3

Well MW-9
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	1/20/1998	5/13/1998	8/26/1998	(Dup) 8/26/1998	12/3/1998		2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Vinyl Chloride	41	9.1	3.8	4.2	51		18	<1.0	13	6.1	4.8	5.1	6.4
trans-1,2-Dichloroethene	3.0	2.9	3.2	3.2	2.3		2.4	2.3	2.0	1.1	1.1	1.9	2.2
cis-1,2-Dichloroethene	700	420	340	360	410		480	220	160	89	130	140	260
1,1,1-Trichloroethane	1.0	<1.0	0.6J	<1.0	1.0J		0.7J	<1.0	0.71J	<1.0	<1.0	<1.0	<1.0
Trichloroethene	150	130	140	150	110		110	120	99	59	58	62	98
Tetrachloroethene	1,000	1,100	980	1100	870		870	830	890	460	400	350	630
Methylene Chloride	<1.0	<1.0	<1.0	1.0J	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	0.8J	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**1895.8**	**1662**	**1467.6**	**1618.4**	**1446.4**		**1481.1**	**1172.3**	**1164.7**	**615.2**	**593.9**	**559.0**	**997**

Halogenated Volatile Organics	8/18/2004	2/21/2005	8/30/2005	8/31/2006	12/14/2006	HRC Injection; September 2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011
Vinyl Chloride	1.7	3.3	1.0	2.0J	16		5.0	8	12	<5.0	<10	<20	2.0J
trans-1,2-Dichloroethene	1.2	0.65J	0.76	2.0J	2.0J		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
cis-1,2-Dichloroethene	99	70	74	200	180		140	110	120	110	69	76	170
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
Trichloroethene	62	36	51	48	47		30	28	42	24	22	24	17
Tetrachloroethene	430	220	210	280	210		230	210	300	180	150	190	140
Methylene Chloride	<1.0	1.2	<1.0	<5.0	2.0JB		<5.0	<5.0	<5.0	<5.0	<10	<10	2.8J,B
Chloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<20	<5.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
TOTAL VOCs	**594**	**331**	**337**	**532**	**457**		**405**	**356**	**474**	**314**	**241**	**290**	**331.8**

Halogenated Volatile Organics	4/3/2013	12/4/2014	4/5/2016	(Dup) 4/5/2016	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024
Vinyl Chloride	1.2	3.2	0.77 J	0.92 J	27	26	28	17	17	12	8
trans-1,2-Dichloroethene	<2.5	<0.7	<2.5	<2.5	<5.0	1.1 J	0.90 J	2.6 J	2.3 J	2.2 J	1.9 J
cis-1,2-Dichloroethene	17	18	5.5	6.5	180	140	85	250	170	200	110
1,1,1-Trichloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
Trichloroethene	11	8.7	2.5	3.2	14	10	9	22	33	34	37
Tetrachloroethene	95	31	7.1	11	53	31	33	46	140	160	220 E
Methylene Chloride	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
Chloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
1,1-Dichloroethene	<0.5	<0.7	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	0.17 J	<1.0	<0.5
TOTAL VOCs	**124.2**	**60.9**	**15.87**	**21.62**	**274**	**208.1**	**155.9**	**337.6**	**362.5**	**408.2**	**376.9**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. < = Compound was not detected at or above the laboratory method detection limit shown.
4. All results are in micrograms per liter (ug/l, ppb).
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
6. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

TABLE 4

Well MW-10
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	8/30/2007 (duplicate)	3/7/2008
Halogenated Volatile Organics																
Vinyl Chloride	2	1.5	0.9J	<1.0	0.8J	1.2	1.9	1.7	<1.0		31	24	29	53	56	<5.0
trans-1,2-Dichloroethene	2.4	1.8	1.6	3.5	2.3	2.8	2.7	2.3	<1.0		6	<5.0	<5.0	<5.0	<25	<5.0
cis-1,2-Dichloroethene	410	250	370	500	370	490	360	420	140		690	220	330	550	580	35
1,1,1-Trichloroethane	0.93 J	0.91J	0.7J	<1.0	<1.0	0.6J	<1.0	0.59J	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Trichloroethene	63	57	53	64	70	61	55	66	13		23	13	23	<5.0	<25	<5.0
Tetrachloroethene	620	420	450	470	460	600	350	380	97		70	66	67	80	75	11
1,1-Dichloroethene	0.63 J	<1.0	<1.0	<1.0	<1.0	0.6J	0.53J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Chloroethane	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	7	29	<5.0	<25	<5.0
Aromatic Volatile Organics																
MTBE	NA	NA	1.1	<1.0	<1.0	<1.0	<1.0	NA	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
TOTAL VOCs	**1099.0**	**731.2**	**877.8**	**1037.5**	**903.1**	**1156.2**	**770.1**	**870.6**	**250**		**820**	**330**	**478**	**683**	**711**	**46**

	9/25/2008	(Dup) 9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/10/2022 (duplicate)	8/22/2023	8/22/2023 (duplicate)	8/21/2024
Halogenated Volatile Organics															
Vinyl Chloride	<50	<25	96	26	6.6	5	0.43 J	<1.0	<1.0	0.10 J	<1	<1	1.1	1.2	0.79 J
trans-1,2-Dichloroethene	<50	<25	<25	3.1J	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	890	800	930	240	320	160	31	2.8	2.3 J	18	5.1	5.3	43	45	40
1,1,1-Trichloroethane	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	<50	26	30	15	15	14	4.2	1.1	0.86	2.8	1.9	1.9	3.7	4	3.7
Tetrachloroethene	84	90	130	78	66	47	16	2.9	2.5	3.5	3.4	3.2	3.6	3.6	4.1
1,1-Dichloroethene	<50	<25	<25	<5.0	<2.5	<0.36	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<50	<25	<50	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aromatic Volatile Organics															
MTBE	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**974.0**	**916.0**	**1186**	**362.1**	**407.6**	**226.0**	**51.6**	**6.8**	**5.66**	**24.4**	**10.4**	**12.2**	**51.4**	**53.8**	**48.59**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. NA = Compound not analyzed.
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 5

Well MW-11
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	DUP 12/4/2014	4/5/2016	9/5/2017	11/20/2018	11/14/2019
Vinyl Chloride	8.0		3.0J	8	<5.0	5	16	17	<10	6.9	1.2	2.7	2.6	0.8 J	5.6	1.0	0.26 J
trans-1,2-Dichloroethene	NA		1.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J	0.78 J	1.3 J	1.2 J	1.2 J	2.0 J	1.4 J	0.76 J
cis-1,2-Dichloroethene	140		35	54	16	17	84	140	160	240	130 E	110	110	120	180	100	61
Trichloroethene	6		3.0J	<5.0	<5.0	<5.0	5	6	9.1	4.7J	2.8	2.8	2.7	2.9	5.1	3.4	3.3
Tetrachloroethene	37		7	14	6	<5.0	18	14	17	3.5J	10	10	10	11	7.8	12	5.8
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5J,B	<2.5	<0.70	<0.7	<2.5	<5.0	<2.5	<2.5
TOTAL VOCs	**191**		**51**	**76**	**22**	**22**	**123**	**177**	**186.1**	**258.7**	**144.8**	**126.8**	**126.5**	**135.9**	**200.5**	**117.8**	**71.1**

	9/2/2021	8/10/2022	8/22/2023	8/21/2024	DUP 8/21/2024
Vinyl Chloride	0.49 J	0.68 J	0.78 J	0.29 J	0.32 J
trans-1,2-Dichloroethene	1.1 J	1.1 J	1.1 J	1.0 J	0.97 J
cis-1,2-Dichloroethene	79	72	66	51	48
Trichloroethene	3.4	5.7	5.2	5.9	5.9
Tetrachloroethene	11	11	6.1	5.7	6.4
Methylene Chloride	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**95.0**	**90.5**	**79.2**	**63.9**	**61.6**

Notes:

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. Compound was not detected at or above the laboratory method detection limit shown.
4. NA = Compound not analyzed.
5. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.
6. J = Indicates an estimated value less than the lowest standard.
7. < = Coumpound was not detected at or above the laboratory method detection limit.

TABLE 6

Well BR-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	1/20/1998	5/13/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Vinyl Chloride	13	6.1	10	12	5.2	3.8	6.6	5	3.4	4.1	2.3
cis-1,2-Dichloroethene	65	64	100	100	63	55	71	57	48	63	43
Trichloroethene	19	21	27	26	20	20	24	18	17	20	21
Tetrachloroethene	130E	200	210	230	180	200	230	170	170	200	150
Chloroethane	<1.0	<1.0	0.9J	1.0	<1.0	<1.0	1.2	0.97J	0.5J	<1.0	<1.0
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
TOTAL VOCs	**97**	**291.1**	**347.9**	**369**	**268.2**	**278.8**	**332.8**	**251.0**	**238.9**	**287.5**	**216.3**

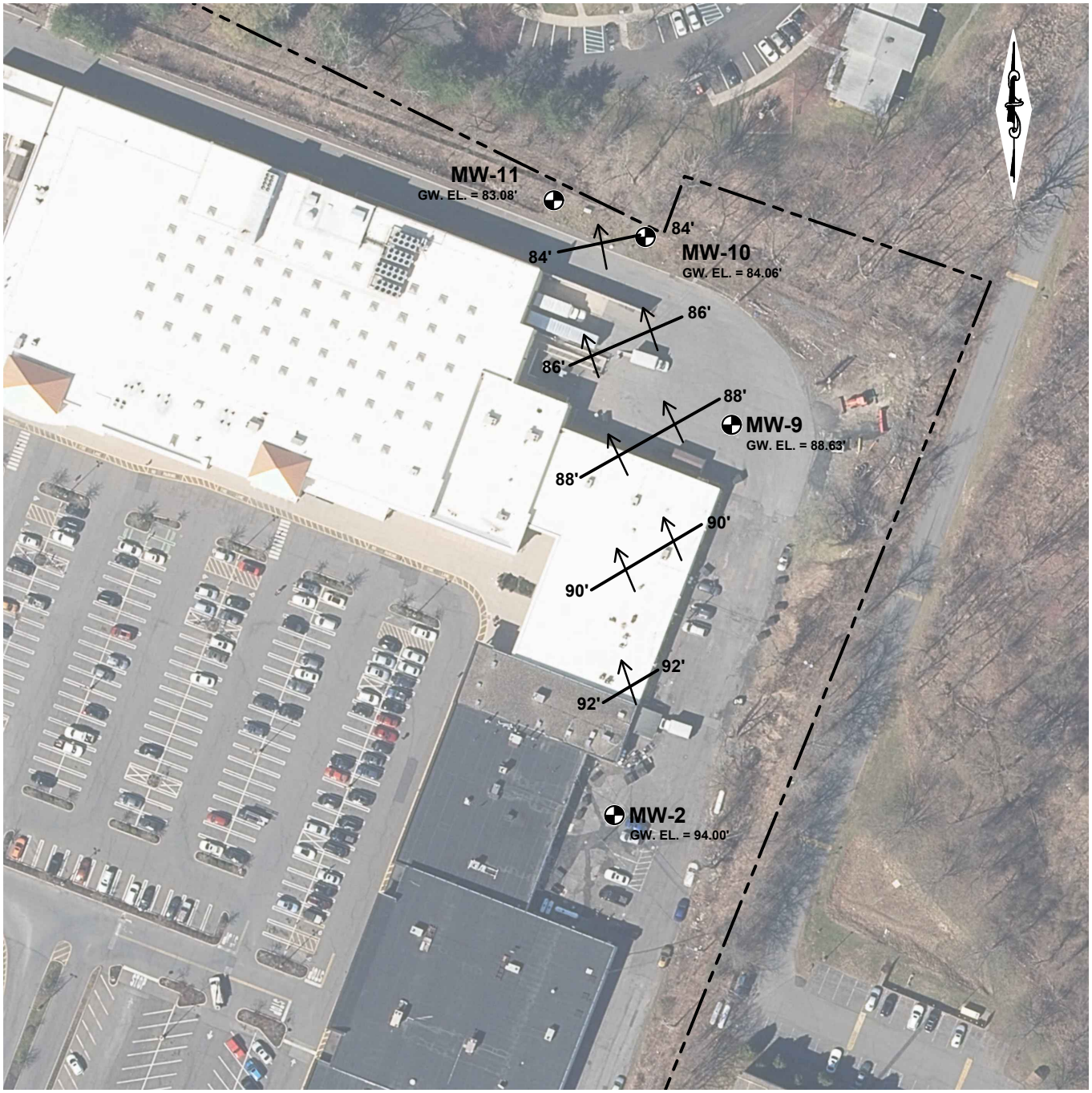
Halogenated Volatile Organics	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Vinyl Chloride	4.1	4.1	4.0J	<5.0	<5.0	<10	1.2J	2.8	2.4	0.33 J	7.8
cis-1,2-Dichloroethene	48	66	56	62	65	<5.0	13	13	7.4	3	42
Trichloroethene	20	22	18	14	11	<5.0	3.5J	5.7	2.9	0.82	4.7
Tetrachloroethene	220	170	160	140	110	<5.0	28	48	14	1.9	7.7
Chloroethane	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<2.5	<0.7	<2.5	<2.5
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.7	1.2 J	<2.5
TOTAL VOCs	**292.1**	**262.1**	**238.0**	**216.0**	**186.0**	**ND**	**45.7**	**69.5**	**26.7**	**7.25**	**62.2**

Halogenated Volatile Organics	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024
Vinyl Chloride	5.2	4.5	4.3	16	6.3	1.9
cis-1,2-Dichloroethene	6.2	6.7	5.8	46	35	3.9
Trichloroethene	0.27 J	1.4	0.41 J	0.81	2	0.54
Tetrachloroethene	0.63	5.6	0.18 J	1.1	1.2	<0.5
Chloroethane	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethylene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**12.3**	**18.2**	**10.7**	**63.9**	**44.5**	**6.3**

Notes:

1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. E = Indicates an estimated value greater than the highest standard.
4. < = Compound was not detected at or above the laboratory method detection limit shown.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. Chloroform, Dibromochloromethane and Bromodichloromethane were detected in the sample collected on December 4, 2014 at 23 ppb, 0.58 ppb and 4.6 ppb, respectively. These compounds were not previously detected.

FIGURES



LEGEND:

MW-2 (GW. EL. = 94.00') — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 21, 2024

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

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Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 21, 2024

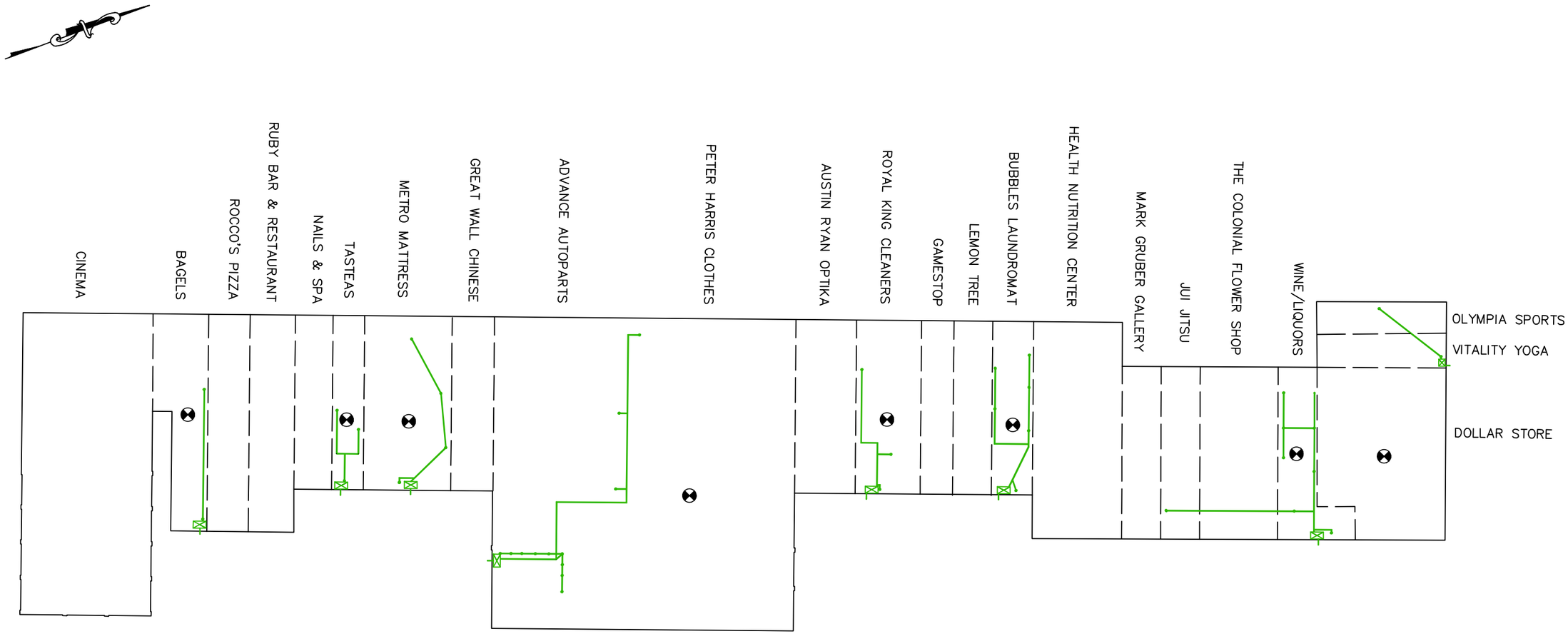
NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014-45	DATE: 8/26/2024	SCALE: 1" = 100'	DWG. NO. 2014-45013	FIGURE 1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45013_F-4 - Overburden GW 2024.dwg 8/26/2024 9:27 AM



0 25' 50'

1" = 50'

LEGEND:

- STORE INSPECTION LOCATION
- SSDS SYSTEM COMPONENT

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24 Wade Road • Latham, New York 12110

SSDS INSPECTION LOCATIONS
NEW PALTZ PLAZA PROPERTIES, LP
NEW PALTZ PLAZA
TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 10/31/2023	SCALE: 1" = 50'	DWG. NO. 2014-45010	FIGURE 2

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45010_F-1 - Site Map 2023.dwg PAUL.SCHOLAR 10/31/2023 11:11 AM

ATTACHMENT 1
Field Monitoring Forms

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID BR-2
DATE 8-21-2024
Page 1 of 1

GENERAL

Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good, Rusty inside of casing

PURGING INFORMATION

Total well depth (from top of casing): 11.31 feet
Depth to water surface before purging (from top of casing): - 2.80 feet
Height of water column: (a) = 8.51 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 4 inches — $d^2 \times 0.0408$ x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: _____ WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1210	1	2.95	0.319	21.2	8.73	2.95	67.6	545.80
1215	1	3.34	0.265	21.7	8.87	1.36	13.0	117.84
1220	1	3.78	0.260	22.0	8.85	0.88	-56.3	70.54
1225	1	4.21	0.346	21.7	8.58	0.64	-146.6	52.77
1230	1	4.67	0.597	21.0	8.06	0.57	-175.8	51.70
1235	1	4.80	0.728	20.8	7.78	0.57	-172.4	56.62
1240	1	4.82	0.819	20.7	7.72	0.57	-171.2	42.05
1245	1	4.86	0.839	20.6	7.71	0.55	-171.7	39.07

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 8L gallons/liters
Depth of pump intake: 10.0 feet btoc

OBSERVATIONS

Color: Clear — Odor: No odor
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: None
Remarks: well casing is very rusty. pH higher than normal.

SAMPLING INFORMATION

Field Personnel: PWS+ BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 — Time: 1245
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	ND	NA
pH	7.00	YSI Pro DSS
Conductance	7.00	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	ND	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-2
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 12.07 feet
Depth to water surface before purging (from top of casing): - 3.31 feet
Height of water column: (a) = 8.76 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 4 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1400	1	3.98	4.104	22.6	6.68	3.28	-12.4	114.13
1405	1	4.08	4.214	22.1	6.65	0.81	-33.8	35.94
1410	1	4.08	4.156	22.6	6.65	0.68	-37.4	20.28
1415	1	4.09	4.092	22.6	6.65	0.65	-39.3	17.76
1420	1	4.09	4.102	22.6	6.65	0.64	-40.1	17.12

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 5L gallons/liters
Depth of pump intake: 11 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: None
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWS + BTC
Sampling Method: 1.5" Bladder Pump / Low Flow
Sample Date: 8-21-2024 — Time: 1420
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	NA
pH	7.00	YSI Pro DSS
Conductance	7.00	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-9
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 9.57 feet
Depth to water surface before purging (from top of casing): - 3.41 feet
Height of water column: (a) = 6.16 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1300	1	3.90	2.006	25.0	6.99	1.54	101.9	111.96
1305	1	3.90	2.205	24.8	6.81	0.90	95.2	201.05
1310	1	3.98	2.365	23.4	6.73	0.62	57.1	165.49
1315	1	4.10	2.367	23.5	6.73	0.58	55.1	108.12
1320	1	4.12	2.375	23.5	6.72	0.52	56.2	80.99
1325	1	4.13	2.375	23.5	6.72	0.51	57.0	80.75
1330	1	4.13	2.375	23.5	6.72	0.51	57.2	75.95

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 7L gallons/liters
Depth of pump intake: 8.5' feet btoc

OBSERVATIONS
Color: Clear — Odor: No Odor
Turbidity: Low — Sheen: No Sheen
Presence of NAPL: None — Other: NA
Remarks: Water very black while purging.

SAMPLING INFORMATION
Field Personnel: PWS + BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2021 — Time: 1330
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:	INSTRUMENT ID:
Temperature: NA	NA
pH: 7.00	YSI Pro DSS
Conductance: 7.00	YSI Pro DSS
Turbidity: NA	NA
Redox: NA	NA
Dissolved Oxygen	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-10
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 17.44 feet
Depth to water surface before purging (from top of casing): - 8.50 feet
Height of water column: (a) = 8.94 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — d^2 x 0.0408: x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1130	1	8.56	2.096	20.5	6.87	3.49	175.7	209.04
1135	1	8.62	2.047	20.7	6.84	0.86	170.7	260.59
1140	1	8.64	1.967	21.8	6.87	0.76	166.3	166.34
1145	1	8.66	1.970	21.8	6.90	0.71	164.1	77.85
1150	1	8.66	1.968	21.6	6.91	0.69	162.5	18.43
1155	1	8.67	1.920	21.9	6.94	0.64	157.8	12.57

*Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 6L gallons/liters
Depth of pump intake: 16.5 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: None

SAMPLING INFORMATION
Field Personnel: JWS + BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 — Time: 1155
Sample Description:
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	External not rep. of GW Temp	
pH	7.00	YSI PRO DSS
Conductance	7.02	YSI PRO DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-11
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 17.92 feet
Depth to water surface before purging (from top of casing): - 9.44 feet
Height of water column: (a) = 8.48 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — $d^2 \times 0.0408$ x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1050	1	9.72	1.704	20.1	7.01	1.10	150.1	180.84
1055	1	9.82	1.721	20.2	7.01	0.90	150.3	168.57
1100	1	9.84	1.675	20.2	7.02	0.78	149.2	51.81
1105	1	9.84	1.511	21.0	7.01	0.74	148.1	34.64
1110	1	9.84	1.514	21.0	7.01	0.73	148.3	33.15
1115	1	9.82	1.526	21.1	7.00	0.69	148.3	29.03
				PWS				

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 6L gallons/liters
Depth of pump intake: 16.5 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: DUP08212024 @ MW-11

SAMPLING INFORMATION
Field Personnel: PWS + BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 — Time: 1115
Sample Description: Clear, No Odor, No Sheen. DUP08212024 @ MW-11
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	NA
pH	7.00, 10.02, 3.98	YSI Pro DSS
Conductance	7.02	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

WATER LEVEL MEASUREMENTS

Sterling Environmental Engineering, P.C.

24 Wade Road
Latham, N.Y. 12110

Project Name: New Paltz Plaza
Project No. 2014-45
Location New Paltz, NY
Weather: 70° F Sunny
Field Personnel: PWS + BTC
Measuring Device: Depth to Water Meter

Well ID	Date	Time	Depth to Water	Measuring Point	Meas. Pt. Elevation	Calc. Water Level Elev.	Remarks
MW-11	8-21-24	949	9.44	TOC	92.52	83.08	NA
MW-10	↓	9:48	8.50	↓	92.56	84.06	NA
MW-9		1000	3.41		92.04	88.63	NA
BR-2		1003	2.80		94.95	92.15	NA
MW-2	↓	1005	3.31	↓	97.31	94.00	NA

STERLING
Sterling Environmental Engineering, P.C.

DAILY FIELD REPORT

Project Name: New Paltz Plaza
Project No: 2014-45
Client Name: Peter Kemposer
Date: 8-21-2024
Location: New Paltz, NY
Personnel: PWS - Paul Scholer
BTC - Brian Chew
Weather: 70° f Sunny

Work Description:

915 - PWS + BTC onsite
930 - Inspect SSDS at Bagel shop. Good condition -12.5" H_2O
945 - Inspect SSDS at Dry Cleaner, Good Condition; -26" H_2O
950 - Collect round of water levels at all wells. All wells in acceptable condition
1005 - Inspect SSDS at Metro Mattress, Good Condition; -2.5" H_2O
1015 - Inspect SSDS at Tastas, Good Condition; -19" H_2O
1020 - Inspect SSDS at Peter Harris, Good Condition; -38" H_2O
1025 - Inspect SSDS at Dollar Store, Good Condition; -0.7" H_2O
1030 - Inspect SSDS at Liquor Store, Good Condition; -13.5" H_2O
1050 - Set up at MW-11. Bladder Pump Deconed between wells
1115 - Collect GW sample for SVOCs at MW-11, DUP08122024 at MW-11
1130 - Set up at MW-10
1155 - Sample MW-10 for VOCs
1210 - Set up at BR-2, well casing is rusty and water is orange
1240 - Collect GW Sample for VOCs at BR-2
1330 - Collect GW Sample for VOCs at MW-9
1420 - Collect GW Sample for VOCs at MW-2
1430 - Clean up and containerize purge water in drum onsite. Drum ~ 1/3 full

Signature: Paul Scholer

ATTACHMENT 2
Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2447834
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NEW PALTZ PLAZA
Project Number:	2014-45
Report Date:	08/28/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2447834-01	MW-11	WATER	NEW PALTZ, NY	08/21/24 11:15	08/21/24
L2447834-02	MW-10	WATER	NEW PALTZ, NY	08/21/24 11:55	08/21/24
L2447834-03	BR-2	WATER	NEW PALTZ, NY	08/21/24 12:45	08/21/24
L2447834-04	MW-9	WATER	NEW PALTZ, NY	08/21/24 13:30	08/21/24
L2447834-05	MW-2	WATER	NEW PALTZ, NY	08/21/24 14:20	08/21/24
L2447834-06	DUP08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24
L2447834-07	TB08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 08/28/24

ORGANICS

VOLATILES

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01
Client ID: MW-11
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:15
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:19
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.29	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01 Date Collected: 08/21/24 11:15

Client ID: MW-11 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	51		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02
Client ID: MW-10
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:55
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	4.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.79	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02 Date Collected: 08/21/24 11:55

Client ID: MW-10 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	40		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03
Client ID: BR-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 12:45
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.9		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.54		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03 Date Collected: 08/21/24 12:45

Client ID: BR-2 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.9		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	220	E	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	8.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.9	J	ug/l	2.5	0.70	1
Trichloroethene	37		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 Date Collected: 08/21/24 13:30

Client ID: MW-9 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	110		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 D
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 22:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	170		ug/l	2.5	0.90	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	119		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/27/24 14:35
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	990		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	250		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	5.9	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	23	J	ug/l	50	14.	20
Trichloroethene	370		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2900		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06
Client ID: DUP08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.32	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.97	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06 Date Collected: 08/21/24 00:00

Client ID: DUP08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	48		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07
Client ID: TB08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07 Date Collected: 08/21/24 00:00

Client ID: TB08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/24 18:28
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1964383-5					
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Tetrachloroethene	ND		ug/l	0.50	0.18
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	115		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Methylene chloride	90		86		70-130	5		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	92		91		70-130	1		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	95		99		70-130	4		20
Dibromochloromethane	80		85		63-130	6		20
1,1,2-Trichloroethane	88		93		70-130	6		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	94		95		75-130	1		20
Trichlorofluoromethane	100		95		62-150	5		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	86		97		54-136	12		20
1,1,2,2-Tetrachloroethane	86		95		67-130	10		20
Benzene	90		92		70-130	2		20
Toluene	95		96		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	76		70		64-130	8		20
Bromomethane	62		57		39-139	8		20
Vinyl chloride	100		95		55-140	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Chloroethane	88		69		55-138	**24**	Q	20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	89		98		70-130	10		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	91		100		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	94		91		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	66		62		36-147	6		20
Acetone	84		90		58-148	7		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	80		90		63-138	12		20
4-Methyl-2-pentanone	84		98		59-130	15		20
2-Hexanone	80		92		57-130	14		20
Bromochloromethane	95		93		70-130	2		20
1,2-Dibromoethane	91		96		70-130	5		20
1,2-Dibromo-3-chloropropane	85		93		41-144	9		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	81		87		70-130	7		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	124		124		56-162	0		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1964383-3 WG1964383-4								
1,1-Dichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		97		70-130	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		94		70-130	6		20
Ethylbenzene	97		92		70-130	5		20
Vinyl chloride	120		110		55-140	9		20
1,1-Dichloroethene	89		82		61-145	8		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		94		70-130	6		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	91		93		70-130
Dibromofluoromethane	112		111		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Methylene chloride	95		90		70-130	5		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	91		92		63-130	1		20
1,1,2-Trichloroethane	88		89		70-130	1		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	93		99		54-136	6		20
1,1,2,2-Tetrachloroethane	82		88		67-130	7		20
Benzene	100		99		70-130	1		20
Toluene	94		94		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	93		84		64-130	10		20
Bromomethane	91		84		39-139	8		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Chloroethane	97		66		55-138	**38**	Q	20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		86		36-147	9		20
Acetone	110		97		58-148	13		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		92		63-138	8		20
4-Methyl-2-pentanone	83		91		59-130	9		20
2-Hexanone	80		86		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		95		41-144	5		20
Isopropylbenzene	94		97		70-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	92		94		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	144		130		56-162	10		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	105		100		70-130

Project Name: NEW PALTZ PLAZA
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Report Date: 08/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2447834-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/22/24

ALPHA Job #: L2447834

Client Information
Client: Sterling Env
Address: 24 Wade Rd
Latham NY 12110
Phone: 518 456-4900
Fax:
Email:

Project Information
Project Name: New Paltz Plaza
Project Location: New Paltz, NY
Project #: 2014-45
(Use Project name as Project #)
Project Manager: Thomas Johnson
ALPHAQuote #:

Turn-Around Time
Standard: X
Due Date:
Rush (only if pre approved):
# of Days:

Deliverables
X ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Billing Information
X Same as Client Info
PO #

Regulatory Requirement
X NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
johnsont@sterlingenvironmental.com
paul.scholar@sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS
8260-NYTCL
VOC-8260

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	Total Bottle
47834 01	MW-11	8-21-2024	1115	GW	PWS		3
02	MW-10		1155	GW			3
03	BR-2		1245	GW			3
04	MW-9		1330	GW			3
05	MW-7		1420	GW			3
06	DUP08212024		-	GW			3
07	TB08212024		-	LW			2

PWS

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
PACE	8/21/24 1630	PACE	8/21/24 1630
	8/21/24 1646		8/21 2000
	8/22 200		8/22/24 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ATTACHMENT 3
SSDS Inspection Form

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	P. Scholar and B. Chew					Date: 8/21/2024		
Instrument Used:	NA							
Measurements by:	P. Scholar							
Task:	Perform Annual (2024) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-13.5	-4	-26	-38	-2.5	-19	-12.5	-0.7

Notes:
X = No deficiencies observed.
*See Figure 2 for store locations.