February 6, 2025

Ms. Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020

Re: **Quarterly Sampling Report - 3Q 2024 revised**
Former Quick and Clean Cleaners
NYSDEC Site No. 130198
380 Rockaway Turnpike
Cedarhurst, New York

Dear Ms. Lozewski,

Please find the Quarterly Sampling Report for the THIRD Quarter of 2024. Quarterly sampling activities that were conducted on August 26, 2024, and included monitoring well gauging, monitoring well sampling, and SSDS effluent sampling.

Below is a summary of both the groundwater and SSDS effluent sampling activities.

Quarterly Reporting Summary

Reporting Period: 3rd Quarter of 2024 (July, August, & September 2024)

Site Status: Building is in service and occupied by medical office tenant.

Monitoring Performed this Quarter:

July 29, 2024 – Monthly SSDS monitoring

August 26 , 2024 – Monthly SSDS monitoring and

- Quarterly monitoring well gauging and sampling.
- Quarterly SSDS effluent sampling.

September 30, 2024 - – Monthly SSDS monitoring.

GROUNDWATER

Monitoring Program Summary – Groundwater

No. of Wells:	Four (4) on-site monitoring wells (MW-1 to MW-4)
Gauging Frequency:	Quarterly, for all four (4) onsite monitoring wells
Sampling Frequency:	Quarterly, for all four (4) onsite monitoring wells
Reporting Frequency:	Quarterly
Groundwater Depth:	Approximately 5.07 to 11.15 **feet below top of casing** (btoc)
GW Flow Direction:	**Westerly**, generally consistent with previous rounds

Monitoring Well Gauging

Depth to water readings were taken from the four (4) monitoring wells with an electronic interface probe prior to purging the wells for sampling. At the time of sampling, depth to groundwater was measured between 5.07 and 11.15 ft. btoc. The depth to groundwater measurements and well top of casing elevations were used to determine the approximate groundwater flow direction (**Figure 2**). Historic groundwater elevations are illustrated on **Table 6**.

Groundwater Sampling

The 3rd Quarter 2024 groundwater sampling event was performed on August 26, 2024. The groundwater samples were collected from MW-1, MW-2, MW-3, and MW-4 in accordance with the United States Environmental Protection Agency (USEPA) low-flow groundwater sampling procedures. A Trip Blank was included with this sample group. See **Figure 2** for the location of all on-site monitoring wells. A Horiba was used to obtain water quality parameters over a 30-minute period including pH, conductivity, turbidity, dissolved oxygen (DO), temperature, and ORP for determination of stabilization / confirmation representative groundwater aquifer sample. Groundwater Sampling Logs with water quality parameters for each of the four (4) groundwater monitoring wells are attached as **Appendix A**. Groundwater elevation, as determined from the depth to water readings and casing elevations, was used to approximate groundwater contours and the groundwater flow direction for the site (**Figure 2**).

The groundwater samples were picked up by a laboratory dispatched courier and delivered to York Environmental Laboratories (York) of 120 Research Drive, Stratford, CT 06615, a New York State ELAP certified environmental laboratory (ELAP Certification No. 10854 and 12058). The groundwater samples were submitted for laboratory analysis for the Target Compound List (TCL) volatile organic compounds (VOCs) via EPA Method 8260.

Copies of the laboratory reports are attached as **Appendix B**. The laboratory results are summarized and compared to New York State Groundwater standards in **Table 1** and to previous sampling events in **Table 2.**

Groundwater Sampling Results:

The groundwater results were compared to NYSDEC Class GA Groundwater Standards and Guidance Values (TOGS No. 1.1.1). The chlorinated solvents tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2 DCE) and trans-1,2-dichloroethene (trans-1,2 DCE) all have a groundwater standard of 5 ug/L and vinyl chloride (VC) has a standard of 2 ug/L. Quarterly sampling results are summarized in **Table 2** and illustrated on **Figure 4**. Detections above groundwater standards are highlighted on **Table 1** and shown on the Spider tables on **Figure 4**. Historic sampling results can be found on **Table 2** and in the graphs in **Appendix E**.

Chlorinated VOCs and BTEX were present and above groundwater standards in each of the monitoring wells sampled: MW-1, MW-2, MW-3, and MW-4.

To summarize:

- PCE and TCE were detected in MW-1 through MW-4 with no concentrations in exceedance.
- cis-1,2 DCE was present in all MW samples, with concentrations ranging from 72 ug/L in MW-4 to 35,000 ug/L in MW-1.
- trans-1,2 DCE was detected in MW-1 at a concentration of 320 ug/L.
- 1,1 Dichloroethylene was detected in MW-1 at a concentration of 160 ug/L.
- VC was present in MW-1, & 2 samples with concentrations ranging from 190 ug/L in MW-2 to 970 ug/L in MW-1.
- Total BTEX ranged from 2,900 ug/L in MW-2 to 19,326 ug/L in MW-1.

Groundwater samples also indicated elevated levels of BTEX (benzene, toluene, ethylbenzene, m,p-Xylene and o-Xylene). Individual BTEX constituents were detected above groundwater standards in all of the Monitoring Wells. Sampling personnel did not report any strong odors during the sampling event. Quarterly sampling results for total BTEX are summarized in **Table 2** and illustrated on **Figure 5**. The detections are likely due to contamination from one of the nearby gas stations.

SOIL VAPOR

Monitoring Program Summary – Soil Vapor

No. of SSDS Legs:	Two legs connected before the SSDS fan.
Monitoring Frequency:	**Monthly:** system pressure measurements in each leg and stack condition.
Sampling Frequency:	Quarterly sampling of the SSDS effluent.
Reporting Frequency:	Monthly and quarterly.

SSDS Monthly Measurements

Each month, pressure measurements were taken from each of the two SSDS legs with an electronic pressure probe.

SSDS Effluent Sampling

The 3rd Quarter 2024 SSDS Effluent sampling event was performed on August 26, 2024. The soil vapor grab sample was collected in a 6 Liter Summa Canister from the sampling port on the SSDS on the roof and picked up by laboratory dispatched courier and delivered to York Environmental Laboratories (ELAP Certification Nos. 10854 and 12058) for analysis of VOCs via USEPA Method TO-15. The SSDS effluent collection procedure involved the connection from the SSDS sampling port to the summa can that used a grab regulator with clean 3/8" poly-tubing. The can was opened upon connection and the sample was collected over an approximate 3-minute interval (canister pressure from -30 to -5). The Quarterly Field Sampling Record SSDS Effluent Form is attached as **Appendix D**.

SSDS Effluent Sampling Results:

The results for this event documented SSDS effluent vapor concentrations for PCE at 290 ug/m^3; TCE at 250 ug/m^3; total DCE at 505.08 ug/m^3 and VC was 0.71 ug/m^3. Copies of the laboratory reports are attached as **Appendix B**. The laboratory results are summarized in **Table 3** and compared to previous sampling events in **Table 4.**

Calculations were completed to determine if treatment and a NYSDEC Division of Air Resources Air Permit are required for this effluent. The calculations were completed to determine if the SSDS has a potential to emit that exceeds the Mass Emission Limit (lbs/year) of any of the High Toxicity Air Contaminants (HTAC) (6 NYCRR Part 212-2.2 Table 2). If so, treatment would be required. The calculations, using the effluent concentration from sampling, determined that none of the HTAPs were above their respective Mass Emission Limit (lbs/year). Therefore, since the SSDS does not have the potential to emit greater than 0.1 lbs./hr. of an HTAC and the potential emissions are below the respective Mass Emission Limits, then no treatment and no further evaluation is required. Please see **Table 5** for the calculations.

CONCLUSIONS

Monitoring and sampling of groundwater and SSDS effluent will continue on a quarterly basis along with monthly monitoring of the SSDS. The next quarterly sampling event is scheduled for on or around November 2024.

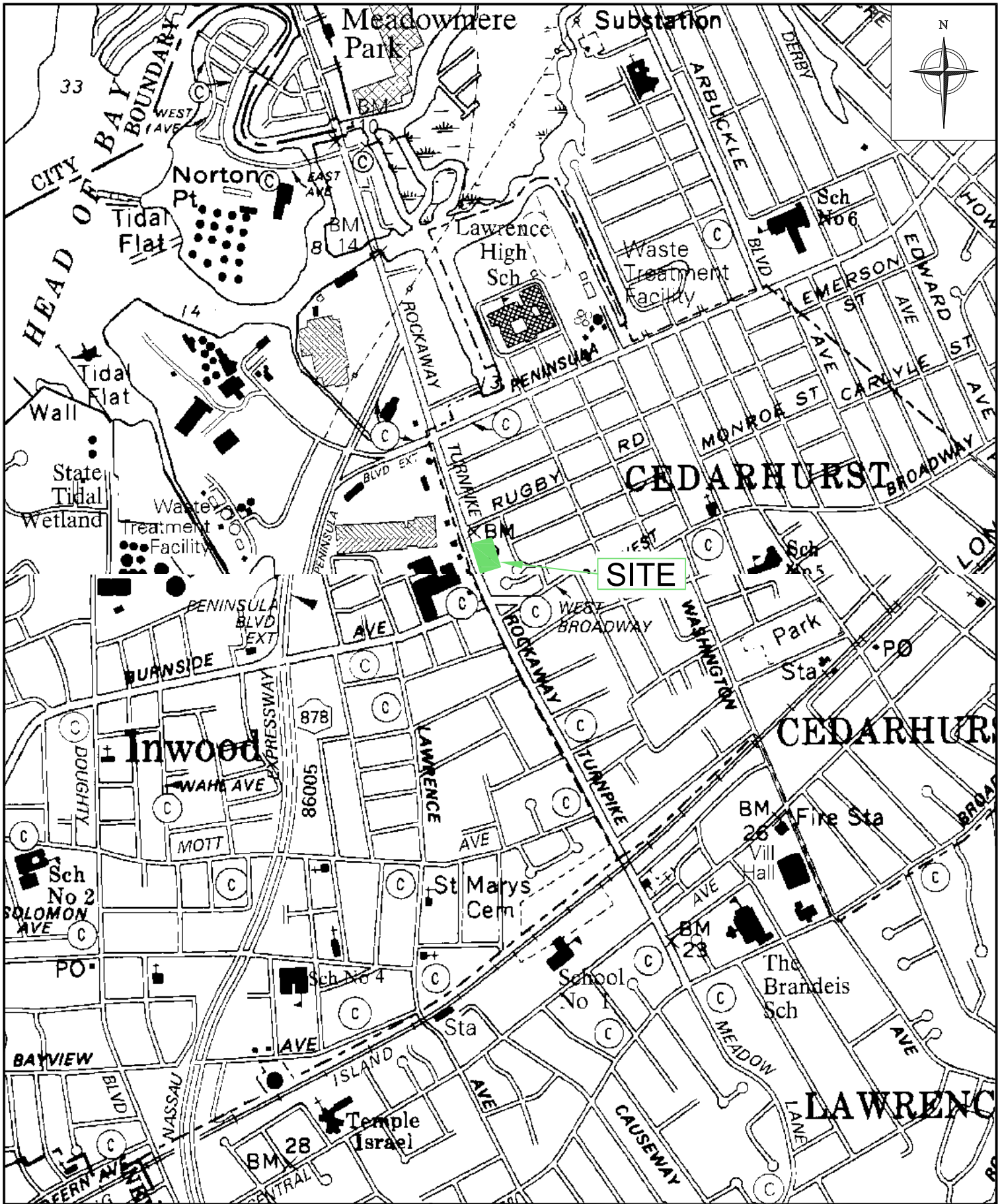
Sincerely,

TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

eCC Sam Aranbaev (Owner)
Wendy Kuehner (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

FIGURES



PREPARED BY:

TEC

TYLL ENGINEERING & CONSULTING PC

169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

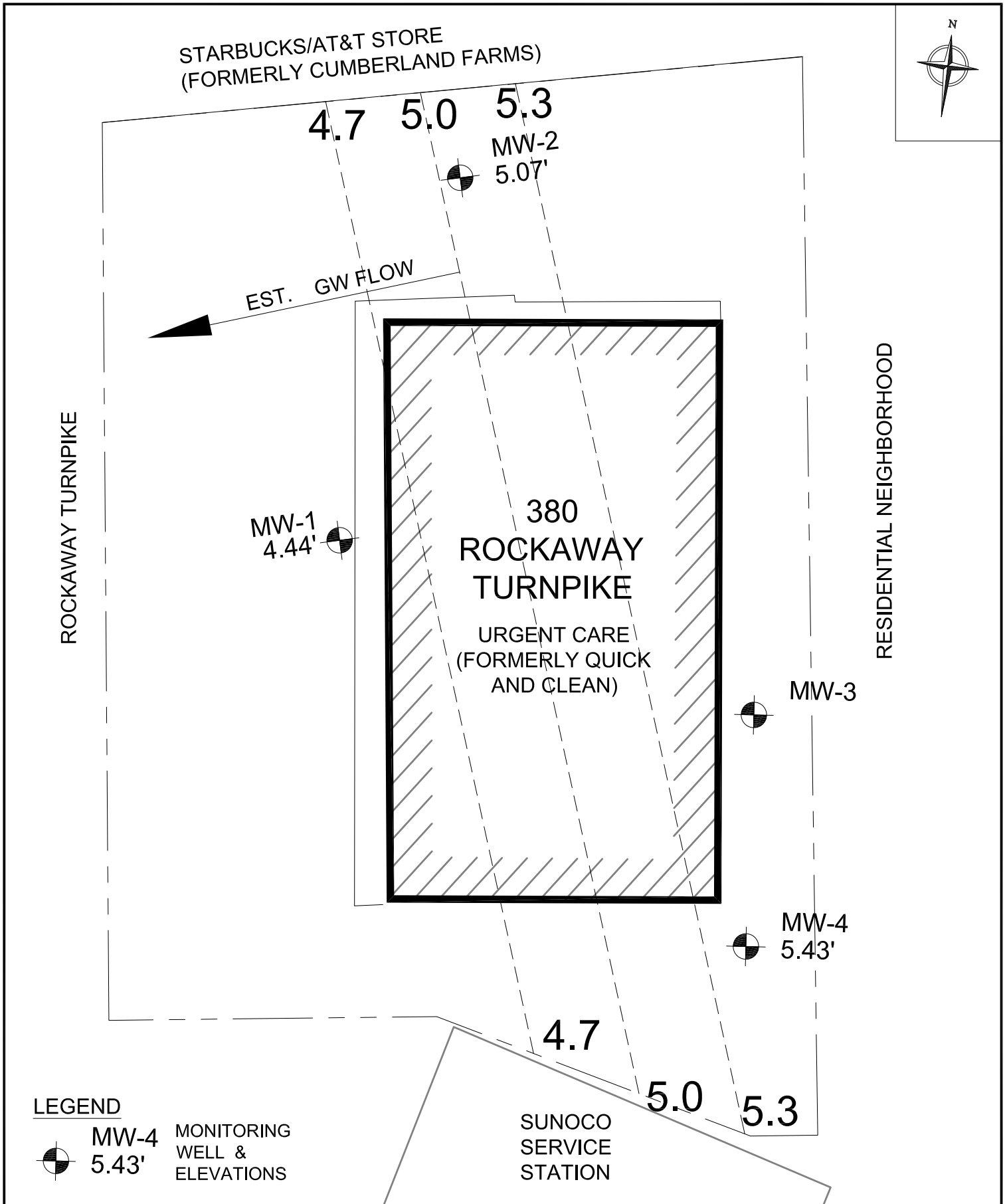
TITLE:

SITE LOCATION MAP

380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	10-8-23	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 1



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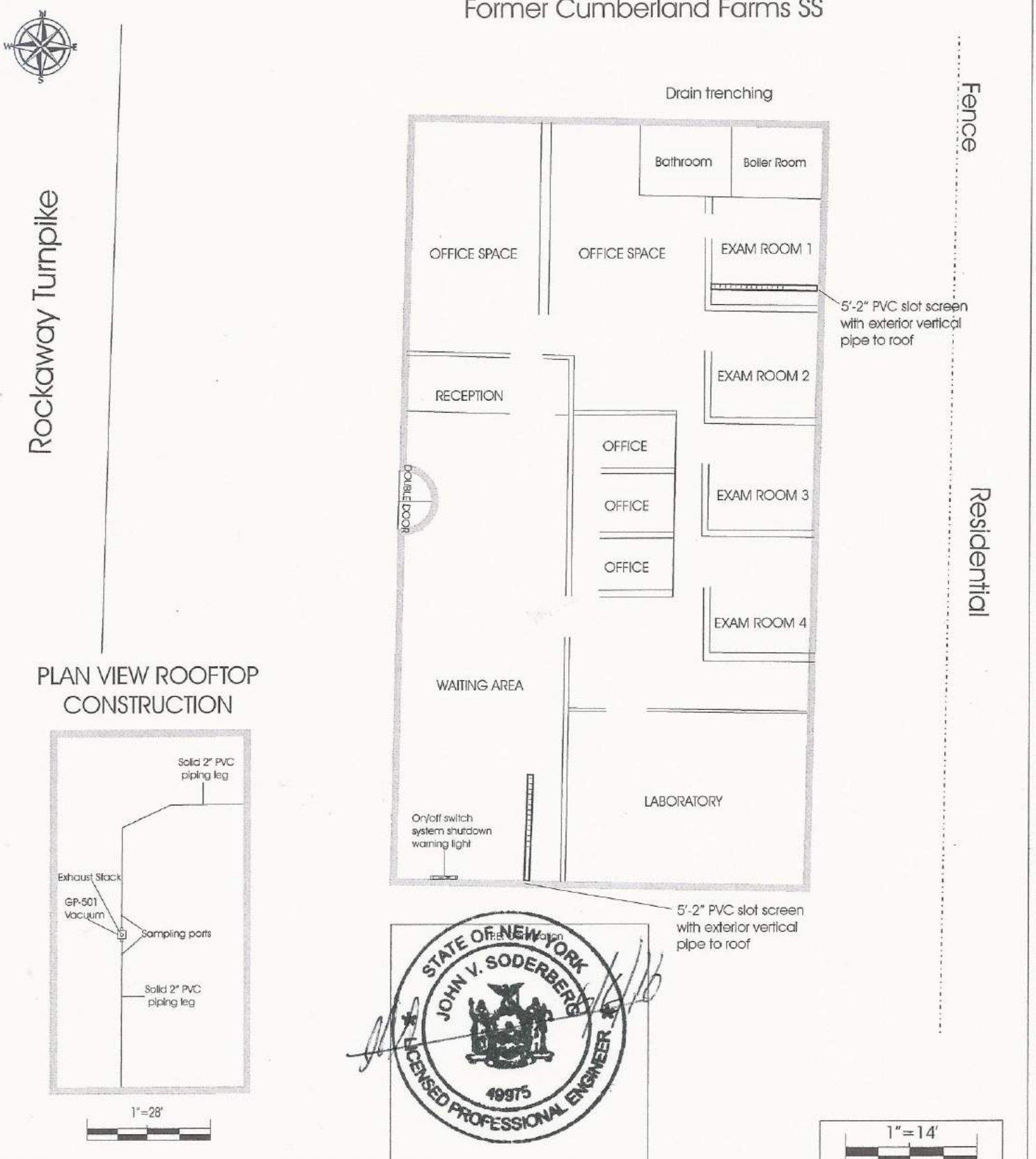
TITLE:

SITE PLAN - 3Q 2024

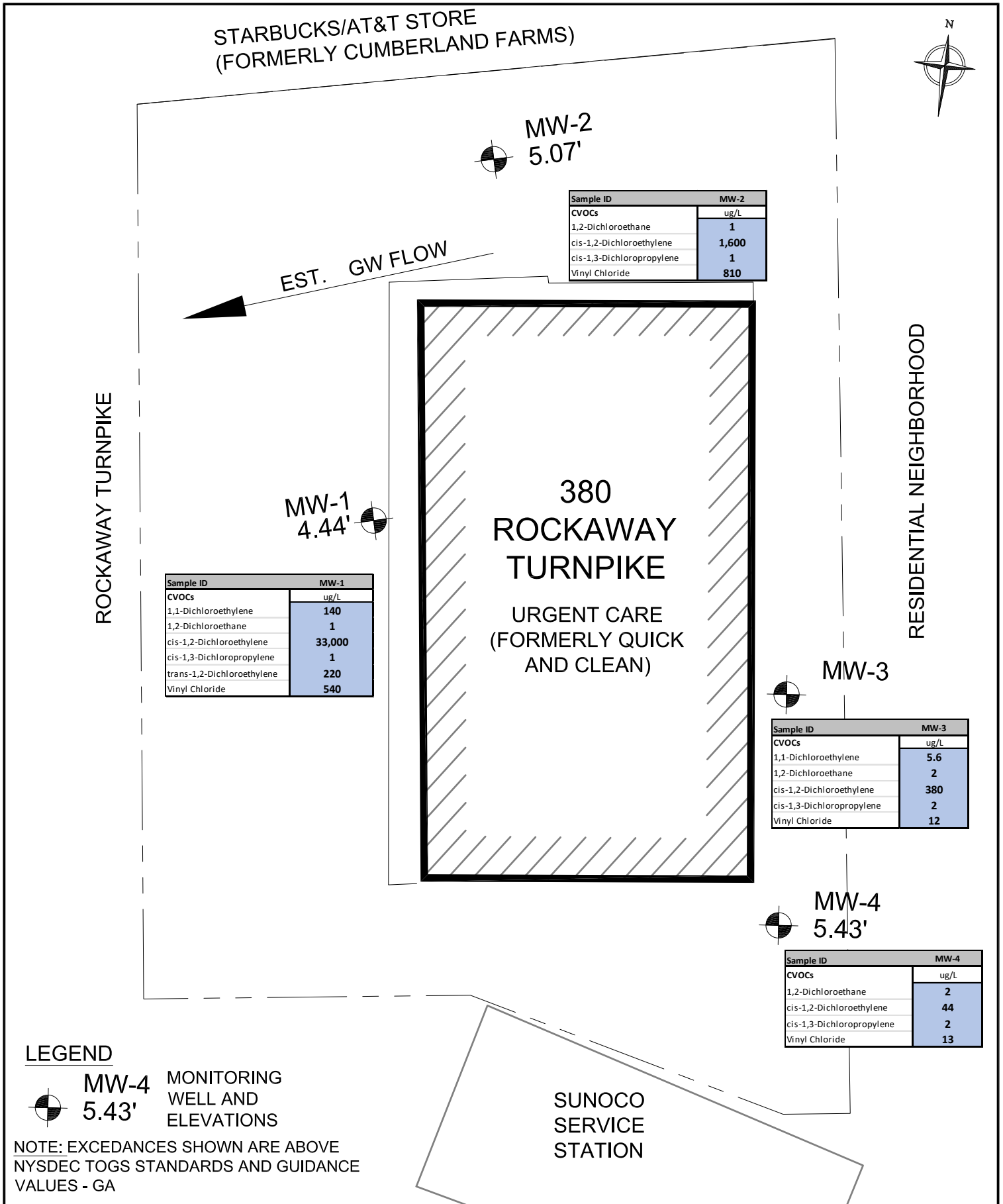
380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	01-31-25	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 2



URGENT-MD **Former Quick and Clean Cleaners** **380 Rockaway Turnpike** **Cedarhurst, New York**	Figure-3 SSDS As-built	**John V. Soderberg P.E** **PO Box 263** **Stony Brook, New York**



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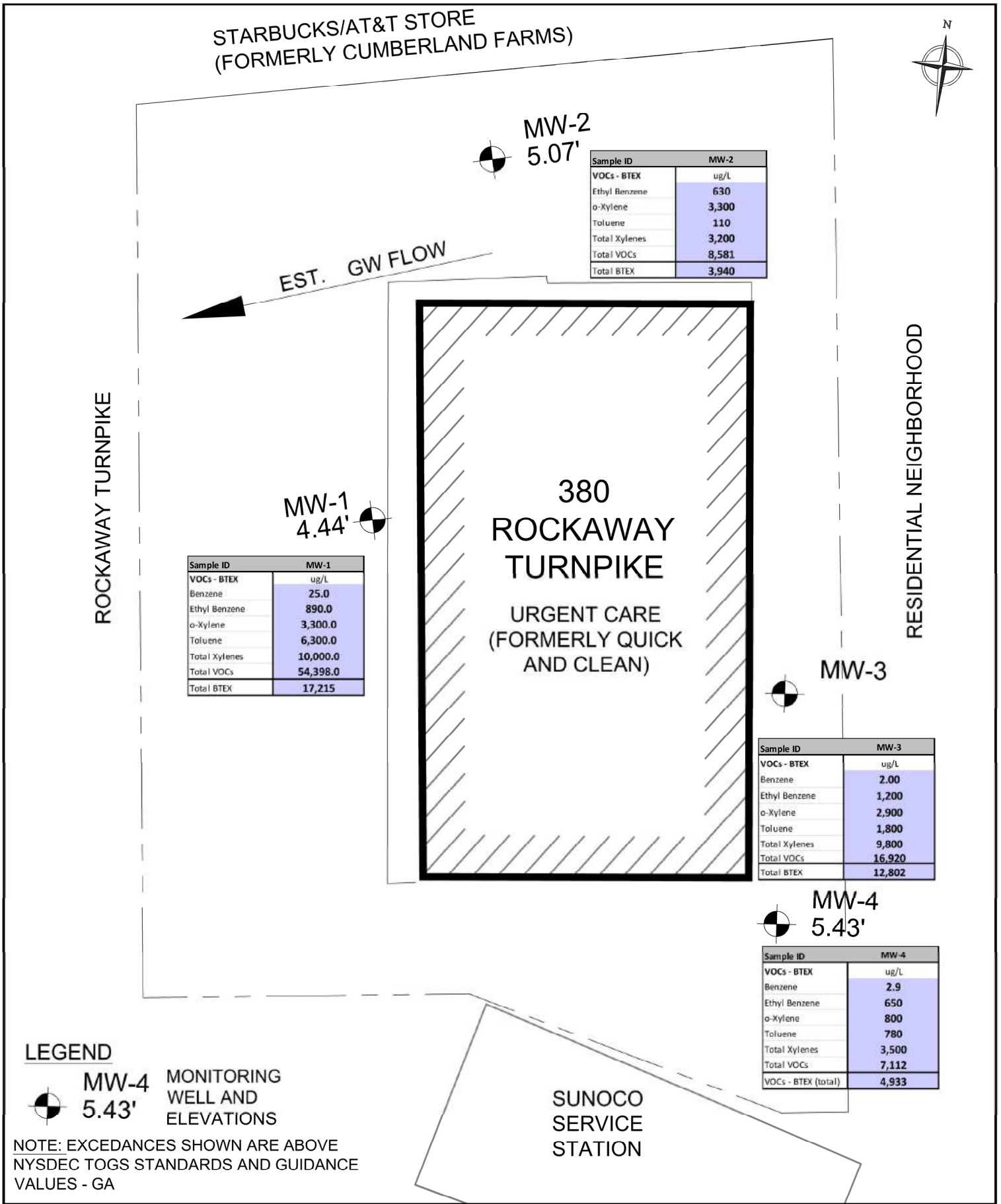
TITLE:

3Q 2024 EXCEEDANCES IN GROUNDWATER - CVOCS
380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	1" = 20'	01-13-25	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 4



NOTE: EXCEDANCES SHOWN ARE ABOVE NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA

PREPARED BY:	TITLE:	DWN:	SCALE:	DATE:	PROJECT NO.:
TYLL ENGINEERING & CONSULTING PC 169 Commack Road, Suite H173, Commack, NY 11725 PHONE: (631) 629-5373 info@tyllengineering.com	**3Q 2024 EXCEEDANCES IN GROUNDWATER - BTEX** 380 ROCKAWAY TURNPIKE CEDARHURST, NY	-	NTS	01-13-25	380R2301
		CHKD: KT	APPD: KT	REV.: -	NOTES: -
		FIGURE NO.: 5			

TABLES

TABLE 1 - GROUNDWATER SAMPLING RESULTS - 3Q 2024

Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-1 24H1833-01 8/26/2024 10:00:00 AM Ground Water		MW-2 24H1833-02 8/26/2024 11:00:00 AM Ground Water		MW-3 24H1833-03 8/26/2024 8:00:00 AM Ground Water		MW-4 24H1833-04 8/26/2024 9:00:00 AM Ground Water		Trip Blank 24H1833-05 8/26/2024 9:00:00 AM Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor			2000		25		100		100		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	5	1	U	1	U	0.280	J	0.300	J	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	1	1	U	1	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	5	**160**	D	1.200	JD	3.100		1.700		0.200	U
1,2,3-Trichlorobenzene	87-61-6	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	0.04	1	U	1	U	**1.400**		**0.860**		0.200	U
1,2,4-Trichlorobenzene	120-82-1	5	1	U	1	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	5	**2,300**	D	**1,300**	D	**1,700**	D	**1,600**	D	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	1	U	1	U	**0.200**	U	**0.200**	U	0.200	U
1,2-Dibromoethane	106-93-4	0.0006	1	U	1	U	**0.200**	U	**0.200**	U	0.200	U
1,2-Dichlorobenzene	95-50-1	3	1	U	1	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	0.6	1	U	1	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	1	1	U	1	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	5	**620**	D	**360**	D	**410**	DE	**340**	D	0.200	U
1,3-Dichlorobenzene	541-73-1	3	1	U	1	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	3	1	U	1	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	0.35	**200**	U	**200**	U	**40**	U	**40**	U	**40**	U
2-Butanone	78-93-3	50	1	U	1	U	0.200	U	0.200	U	0.200	U
2-Hexanone	591-78-6	50	1	U	1	U	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	~	1	U	1	U	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	50	5	U	5.400	JD	1	U	1	U	1	U
Acrolein	107-02-8	~	1	U	1	U	37	E	58	E	0.200	U
Acrylonitrile	107-13-1	~	1	U	1	U	0.200	U	0.200	U	2.600	
Benzene	71-43-2	1	**26**	D	1	U	**2.500**		**3.500**		0.200	U
Bromochloromethane	74-97-5	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	50	1	U	1	U	0.200	U	0.200	U	0.200	U
Bromoform	75-25-2	50	1	U	1	U	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	~	1	U	1	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	56-23-5	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	7	1	U	1	U	0.200	U	0.200	U	0.200	U
Chloromethane	74-87-3	5	1	U	1	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	5	**35,000**	D	**320**	D	**100**	D	**72**	D	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	1	U	1	U	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	~	64	D	38	D	89	D	81	D	0.200	U
Dibromochloromethane	124-48-1	50	1	U	1	U	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	~	1	U	1	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	5	**1,100**	D	**460**	D	**860**	D	**780**	D	0.200	U
Hexachlorobutadiene	87-68-3	0.5	1	U	1	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	5	**61**	D	**51**	D	**76**	D	**46**	D	0.200	U
Methyl acetate	79-20-9	~	1	U	1	U	0.200	U	0.200	U	0.200	U

TABLE 1 - GROUNDWATER SAMPLING RESULTS - 3Q 2024

Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

Sample ID York ID Sampling Date Client Matrix		NYSDEC TOGS Standards and Guidance Values - GA	MW-1 24H1833-01 8/26/2024 10:00:00 AM Ground Water		MW-2 24H1833-02 8/26/2024 11:00:00 AM Ground Water		MW-3 24H1833-03 8/26/2024 8:00:00 AM Ground Water		MW-4 24H1833-04 8/26/2024 9:00:00 AM Ground Water		Trip Blank 24H1833-05 8/26/2024 9:00:00 AM Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Methyl tert-butyl ether (MTBE)	1634-04-4	10	1	U	1	U	0.200	U	0.200	U	0.200	U
Methylcyclohexane	108-87-2	~	76	D	23	D	49	D	80	E	0.200	U
Methylene chloride	75-09-2	5	5	U	5	U	1	U	1	U	1	U
n-Butylbenzene	104-51-8	5	**55**	D	**22**	D	**33**		**32**		0.200	U
n-Propylbenzene	103-65-1	5	**140**	D	**98**	D	**170**	D	**93**	D	0.200	U
o-Xylene	95-47-6	5	**3,800**	D	**240**	D	**1,900**	D	**1,700**	D	0.200	U
p- & m- Xylenes	179601-23-1	~	8,400	D	2,100	D	4,100	D	4,000	D	0.500	U
p-Isopropyltoluene	99-87-6	5	**12**	D	**5.800**	D	**6.800**		**6.900**		0.200	U
sec-Butylbenzene	135-98-8	5	**14**	D	**5.600**	D	**12**		**10**		0.200	U
Styrene	100-42-5	5	**89**	D	**6.800**	D	**29**		**28**		0.200	U
tert-Butyl alcohol (TBA)	75-65-0	~	2.500	U	2.500	U	0.500	U	0.500	U	0.500	U
tert-Butylbenzene	98-06-6	5	1	U	1	U	0.200	U	0.550		0.200	U
Tetrachloroethylene	127-18-4	5	1	U	1	U	1.600		0.680		0.200	U
Toluene	108-88-3	5	**6,200**	D	**39**	D	**1,200**	D	**1,600**	D	0.200	U
trans-1,2-Dichloroethylene	156-60-5	5	**320**	D	1	U	0.200	U	0.230	J	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	1	U	1	U	0.200	U	**15**		0.200	U
trans-1,4-dichloro-2-butene	110-57-6	~	1	U	1	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	5	3.600	D	1	U	1.800		1.400		0.200	U
Trichlorofluoromethane	75-69-4	5	1	U	1	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	2	**970**	D	**190**	D	0.410	J	2		0.200	U
Xylenes, Total	1330-20-7	5	**12,200**	D	**2,340**	D	**6,000**	D	**5,700**	D	0.600	U

NOTES:
Bold and highlighted = over TOGS standards

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte

TABLE 2 - HISTORIC GROUNDWATER SAMPLING RESULTS - 3Q 2024

Former Quick and Clean Cleaners

380 Rockaway Turnpike Cedarhurst, NY

	MW-1						MW-2						MW-3						MW-4					
Analyte Month	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs
NYSDEC TOGS Standards and Guidance Values - GA	5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L	
October 2015	1.4	n/d	9,336.0	190			1.7	4.2	513.0	530			2.2	n/d	92.0	n/d			1.1	n/d	580	45.0		
January 2016	n/d	n/d	12,021.0	160			0.8	6.6	1,802.9	690			0.9	n/d	29.0	n/d			n/d	n/d	180	23.0		
April 2016	0.5	n/d	14,000.0	200			1.0	6.0	2,500.0	310			1.0	n/d	39.0	n/d			1.0	n/d	471	23.0		
July 2016	n/d	n/d	6,307.0	18			n/d	1.0	11,009.0	1,500			1.4	n/d	381.0	n/d			1.1	n/d	761	n/d		
October 2016	0.7	n/d	892.3	n/d			0.5	n/d	6,217.0	1,300			n/d	n/d	10.0	n/d			0.7	n/d	93	n/d		
February 2017	0.4	n/d	2,703.4	n/d			n/d	1.4	7,804.1	810			0.3	0.9	651.8	n/d			0.7	0.9	1500.6	21.0		
April 2017	0.5	n/d	2,418.0	n/d			0.5	3.3	4,480.0	590			0.5	n/d	632.6	n/d			0.9	n/d	1606.6	n/d		
July 2017	0.4	4.7	5,424.0	420			0.5	4.7	3,307.0	510			0.5	n/d	231.3	n/d			0.5	n/d	32	n/d		
October 2017	1.5	9.8	2,305.7	280			0.3	1.4	5,306.7	1,400			0.6	n/d	251.4	n/d			2.2	1.2	2601.4	n/d		
January 2018	0.3	n/d	1,801.7	35			0.3	1.2	12,006.8	1,500			n/d	n/d	140.0	n/d			n/d	n/d	2100	n/d		
April 2018	0.3	n/d	5,212.0	240			1.6	23.0	1,702.2	330			0.6	n/d	67.3	n/d			0.9	0.7	1300.9	26.0		
July 2018	0.77	100.0	7.3	450	3,831.80	5,011.80	0.4	0.9	8,107.2	960	1,589.9	2,228.80	1.4	n/d	35.3	n/d	2,423.0	4,120.30	2.4	n/d	70	n/d	863.20	1,503.70
October 2018	1.6	n/d	8,807.9	220	7,639.80	8,841.50	3.4	32.0	3,304.8	720	778.95	1,173.82	0.4	n/d	26.0	n/d	222.3	552.36	1.1	n/d	450.3	15.0	1,722	2,309.80
January 2019	3.6	3.6	12,022.0	160	5,107.90	6,098.40	n/d	n/d	160.3	78	211.1	332.57	0.4	n/d	3.2	n/d	230.0	567.9	1.1	0.5	730.3	n/d	1,793.10	2,220.63
April 2019	<1	n/d	13,022.0	270	4,923.30	6,075.50	<1	3.2	450.3	100	1633.67	2,298.07	0.4	n/d	0.9	n/d	277.9	843.8	1.0	n/d	300	<1	1,249.90	1,557.48
August 2019	37	n/d	25,120.0	2,100	13,790	18,400			NA	NA			1.9	n/d	50	n/d	3,012.0	5,908	2.1	n/d	26	n/d	2,270.00	4,074.00
October 2019	3.6	n/d	24,092.0	380	11,820	15,639.00	n/d	2.2	1,416	340	14,320	17,689.00	n/d	n/d	230	n/d	2,990.0	5,694.00	0.95	n/d	140	n/d	1,076.70	1,693.30
January 2020	1.3	n/d	13,034.0	450	8,226.40	10,454.50	6.3	n/d	1,001	n/d	13,212.0	15,913.50	0.9	n/d	8.1	n/d	544.0	1,475.50	1.7	15.0	10020	2100.0	2,005.50	3,410.80
April 2020		*NA*	*NA*	*NA*			15.4	15.3	155	n/d	486.24	988.05	n/d	n/d	19.3	n/d	330.7	1,077.45	n/d	n/d	118	n/d	2,994.00	4,078.40
July 2020	1.1	n/d	1,911.0	61	7,505.40	9,951.40	1.8	7.5	12,021	2,300	877	1,516.00	1.4	n/d	40	n/d	1,812.0	3,795.00	0.8	n/d	19	n/d	2,960.66	4,418.76
October 2020	0.8	n/d	3,201.9	36	8,977.30	11,932.30	n/d	n/d	33,044	4,400	4,355	6,326.40	1.1	n/d	200	n/d	1,760.7	3,572.72	1.2	n/d	140	n/d	6,581.80	8,842.90
January 2021		n/d	12,000.0	96	26,735	30,797.00	n/d	n/d	34,000	2,100	4,460.0	6,561.00	n/d	n/d	220	n/d	3,480.0	6,252.00	n/d	n/d	490	22.0	10,990.00	13,488.00
April 2021	1.5	97.0	17,057.0	1,300	12,123	14,933.00	n/d	4.9	6,811	860	1,477.1	2,280.00	1.1	n/d	50	n/d	1,388.0	2,872.00	1.2	n/d	120	n/d	4,112.60	5,343.60
July 2021	13	59.0	5,311.0	870	9,685.70	13,366.70	0.55	6.2	8,038	3,600	1,660.6	2,496.30	1.1	n/d	120	n/d	1,910.0	3,592.80	1.1	n/d	63	n/d	5,351.60	6,822.90
October 2021	2.4	22.0	10,010.0	1,400	8,434.80	10,607.80	8.0	4.0	3,112	1,900	3,026.30	4,788.30	0.84	n/d	6.7	n/d	991.0	2,310.70	3.6	1.4	280.6	n/d	17,109.70	20,098.90
January 2022	2.0	2.9	14,170.0	680	24,617	31,826.00	1.2	8.9	13,065	3,300	2,890.0	6,660.00	1.7	n/d	60	n/d	3,515.6	5,452.10	2.4	0.91	130	n/d	9,386.20	12,047.90
April 2022	n/d	1.6	6,252.0	191	19,918.30	24,955.70	1.1	6.5	10,886	1,070	3,161.7	4,987.50	1.6	n/d	87.9	n/d	2,395.5	5,016.10	1.4	n/d	79.2	6.3	8,239.70	10,364.70
July 2022	n/d	n/d	4,947.4	80	30,067.20	40,423.40	n/d	1.7	34,448	4,250	7,080.0	13,287.30	1.5	1.3	71.8	n/d	2,648.0	6,126.40	1.2	n/d	29.7	n/d	6,037.90	8,292.50
October 2022	n/d	n/d	4,024.0	46.3	14,819.30	18,880.50	n/d	n/d	36,888	4,190	3,766.6	5,675.10	n/d	n/d	163.0	2	1,539.0	2,964.70	n/d	n/d	32.9	3.3	4,119.30	5,920.10
January 2023	n/d	n/d	5,392.9	50.5	11,936	17,239.30	n/d	1.1	27,077	2,810	3,121.2	6,289.50	n/d	n/d	73.5	n/d	276.3	684.50	n/d	n/d	25.3	15.4	3,943.40	5,015.50
April 2023	n/d	n/d	2,936.6	n/d	13,424	16,712	n/d	n/d		2,080	2,884.0	4,715.50	n/d	n/d	290.3	1.1	681.1	1,590.10	n/d	n/d	54.4	28.9	7,246.40	9,047.40
August 2023	n/d	n/d	2,902.0	32.0	11,911	26,090	0.42	n/d	2,700	410	3,192.0	10,372.00	n/d	n/d	10.0	n/d	5.0	84	n/d	n/d	2.4	n/d	2,041	4,709
November 2023	10	10.0		710.0	17,710	72,219	n/d	n/d	1,402	530	2,592.0	6,652.60	n/d	n/d	171.0	2.4	2,341.0	3885.7	10	10.0	710.0	24	13,110	18,961
February 2024	9.4	29.0	32,244.0	280.0	13,759	256,907	1	1	1,107	290	3,311.0	6,285.00	0.89	0.8	34.0	1.4	2,500.0	4074	1	1.5	286.0	13	11,746	14,542
May 2024	0.37	0.22	25,069.0	57.0	11,933	38,923	1	1	674	290	2,523.0	5,383.00	0.89	0.8	102.0	1.6	9,881.0	13623	1	1.5	137.0	6.6	2,285	4,709
August 2024	1.00	3.60	35,482.0	970.0	19,526	59,666	1	1	324	190	2,839.0	5,519.00	1.60	1.8	104.0	0.41	8,063.0	10833	0.68	1.4	74.0	2	8,084	10,603

n/d = non-detect

shaded means that the result is above the guidance values

TABLE 3 - SSDS STACK EMISSIONS CONCENTRATIONS

Former Quick and Clean Cleaners
380 Rockaway Turnpike, Cedarhurst, NY

Sample ID	**Effluent SSDS Pipe**	
York ID	**24H2112-01**	
Sampling Date	**8/30/2024 7:35:00 AM**	
Client Matrix	**Vapor Extraction**	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	5.524	
1,1,1-Trichloroethane	0.740	U
1,1-Dichloroethylene	0.880	D
Benzene	1.8	U
Carbon tetrachloride	0.87	U
cis-1,2-Dichloroethylene	500.0	D
Ethyl Benzene	2.4	U
Methylene Chloride	3.8	U
o-Xylene	2.4	D
p- & m- Xylenes	4.8	D
Tetrachloroethylene	290.0	D
Toluene	2.1	D
trans-1,2-Dichloroethylene	4.2	D
Trichloroethylene	250.0	D
Vinyl Chloride	0.71	D

D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated

TABLE 4 - HISTORIC SSDS STACK EMISSIONS CONCENTRATIONS
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

(ppmV)	PCE	TCE	Total DCE	VC
October 2015	96	n/d	360	n/d
January 2016	n/d	n/d	n/d	n/d
April 2016	27	n/d	n/d	n/d
July 2016	640	230	1100	n/d
August 2016	78	62	430	n/d
September 2016	ns	ns	ns	ns
October 2016	120	79	400	n/d
November 2016	310	170	640	n/d
December 2016	250	120	n/d	n/d
January 2017	43	n/d	280	n/d
February 2017	44	31	300	n/d
March 2017	91	70	320	n/d
April 2017	34	n/d	250	n/d
May 2017	53	64	470	n/d
June 2017	54	n/d	300	n/d
July 2017	n/d	n/d	300	n/d
August 2017	60	47	230	n/d
September 2017	56	98	470	n/d
October 2017	69	94	400	n/d
November 2017	74	140	820	n/d
December 2017	27	n/d	n/d	n/d
January 2018	160	75	240	n/d
February 2018	180	68	300	n/d
March 2018	n/d	n/d	n/d	n/d
April 2018	22	n/d	180	n/d
May 2018	49	45	260	n/d
June 2018	43	38	310	n/d
July 2018	110	70	370	n/d
August 2018	380	n/d	330	n/d
October 2018	22	n/d	180	n/d
January 2019	21	n/d	120	n/d
April 2019	19	n/d	160	n/d
August 2019	58.9	64	239.62	n/d
October 2019	68.1	68.1	278.79	1.84
January 2020	30	26.6	97.516	1.06
April 2020	26.6	29.5	121.75	n/d
July 2020	54.1	38	169.26	0.71
September 2020	45.9	39.6	151.12	n/d
October 2020	40.9	41.5	165.46	2.9
January 2021	23.6	32.6	104.947	2.01
April 2021	13.3	14.6	96.132	n/d
July 2021	36	39.5	263.14	0.912
October 2021	31.8	24.2	103.987	n/d
January 2022	93.5	51	142.79	n/d
April 2022	25.3	31	112.36	0.31
July 2022	164	100	256.72	n/d
October 2022	246	90	220.58	2.54
April 2023	88.3	55.8	151.92	n/d
Janaury 2023	186	77.3	193.52	n/d
August 2023	56.02	44.7	79.64	0.11
November 2023	23.59	20.5	62.08	0.70
March 2024	10.91	7.1	33.58	1.21
May 2024	17.69	20.5	81.38	0.14
August 2024	42.75	16.5	127.71	0.28

***ns=not sampled**
***n/d=non-detect**

TABLE 5

DAR-1 Calculations

380 Rockaway Avenue Cedarhurst, New York

Site Code 130198

Chemical Compound	Sample Location	Sample Date	Stack Height	Outlet Concentration	Outlet Concentration	Emission Flow Rate Estimated		PTE or Outlet Concentration (Qp)	PTE or Outlet Concentration (Qa)	Mass Emission Limit	Calculated Average	Is the PTE greater than 0.1 lb/hr?	Is the PTE lower than the Mass Emissions Limit?	Is treatment needed?
			(ft)	(ug/m^3)	(lb/ft3)	(ft^3/min)	(m^3/min)	(lbs/hr)	(lbs/yr)	(lbs/yr)	(lbs/hr)			
Benzene	Effluent Vent	**8/30/2024**	**20**	**0**	0.00000000000	148	4.20080	0	0	100	0.011	NO	YES	NO
Carbon Tetrachloride	Effluent Vent	**8/30/2024**	**20**	**0**	0.00000000000	148	4.20080	0	0	100	0.011	NO	YES	NO
Tetrachloroethene(PCE)	Effluent Vent	**8/30/2024**	20	290	0.00000001810	148	4.20080	0.000161145	1.41162820	1,000	0.11	NO	YES	NO
Trichloroethylene	Effluent Vent	**8/30/2024**	20	250	0.00000001561	148	4.20080	0.000138918	1.21692087	500	0.057	NO	YES	NO
Vinyl Chloride	Effluent Vent	**8/30/2024**	20	0	0.00000000000	148	4.20080	0	0	100	0.011	NO	YES	NO

If the remedial system does not have the potential to emit greater than 0.1 lbs./hr. of a HTAC and potential emissions are below the Mass Emission Limit, then no treatment and no further evaluation is required.

TABLE 6 - HISTORIC GROUNDWATER DEPTHS

Former Quick and Clean Cleaners

380 Rockaway Turnpike Cedarhurst, NY

	MW-1	MW-2	MW-3	MW-4
	GW Elevation	GW Elevation	Depth to Water (ft btoc)	GW Elevation
April 2013	7.06	3.28	10.0	-
Oct 2015	4.38	4.35	10.28	5.36
Jan 2016	4.54	4.44	10.12	5.52
Apr 2016	5.19	4.56	10.24	5.43
Jul 2016	5.61	4.9	9.82	5.82
Oct 2016	5.50	4.84	9.89	5.76
Feb 2017	4.70	4.66	10.00	5.68
Apr 2017	4.99	4.92	9.63	6.08
Jul 2017	5.02	4.99	9.37	6.37
Oct 2017	4.28	3.76	9.26	6.54
Jan 2018	4.52	3.98	9.08	6.77
Apr 2018	5.54	5.16	9.33	6.32
Jul 2018	4.24	4.46	10.45	5.45
Oct 2018	4.95	4.94	9.81	6.03
Jan 2019	5.79	5.45	9.29	6.43
Apr 2019	4.89	4.92	9.81	5.93
Aug 2019	4.66	VEHICLE	10.02	5.65
September 2019	4.55	1.72	10.13	5.50
Oct 2019	4.66	4.63	10.01	5.64
Jan 2020	4.73	4.78	9.95	5.83
Apr 2020	Blocked	4.68	9.98	5.73
Jul 2020	4.50	4.53	10.25	5.47
Oct 2020	4.71	4.83	10.05	5.67
Jan 2021	4.83	4.88	9.87	4.88
April 2021	4.73	4.86	10.01	5.70
July 2022	4.12	4.29	10.60	5.08
October 2022	4.23	4.63	10.24	5.38
January 2023	4.24	4.41	10.48	5.18
April 2023	4.24	4.39	10.47	5.22
August 2023	4.46	4.68	10.30	5.38
November 2023	4.44	4.66	10.52	5.48
February 2024	4.81	4.98	9.90	5.83
May 2024	4.72	4.93	9.57	6.03
August 2024	4.44	5.21	10.26	5.43

no elevation data is available for MW-3

APPENDIX A

Groundwater Sampling Log Forms

Monitoring Well Sampling Log

Site #: 130198
Site Location: 380 Rockaway Turnpike, Cedarhurst

Date: 8/26/24
Personnel: Miguel & Oscar

Well ID: MW-1
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 10.35
Depth to Water (btoc): 22.62

Tubing Type: Poly
Sample Pump: Peristaltic pump
Monitoring Equipment: Interface Probe
Screen Setting (ft btoc):
Tubing Intake (ft btoc): 9.00
Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 7.00
1 Volume (gal.):
Purge Device/Tubing: Peristaltic + Poly

Start Purge Time: 7:40
Stop Purge Time: 7:50
Total Volume Removed (gal.): 2 gal

SHOULD BE 40 MINUTES MINIMUM

Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
7:50 am	7.62		4.60	0.362	1.5	2.60	23.41	-25		
8:00 am	7.62		4.64	0345	0.0	1.91	23.45	-44		
8:10 am	7.62		4.66	0.346	0.0	0.90	2347	-157		
8:20 am	7.62		4.70	0,346	0.0	0.80	23.49	-120		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
7:50 am	7.62		4.60	0,362	1.5	2.60	23.41	-25	
8:00 am	7.62		4.64	0,345	0.0	1.91	23.45	-44	
8:10 am	7.62		4.66	0.346	0.0	0.90	23.47	-157	
8:20 am	7.62		4.70	0.346	0.0	0.80	23.49	-120	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is <50 ntus	±10% or <0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: **Sample Analyses:** TCL VOCs

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Cels
ml/min	milliliters per minute	mg/L	milligrams per liter	mV	millivolts
mS/cm	miliseimons per centimeter				

Monitoring Well Sampling Log

Site #: 130198 | Date: 8/26/24

Site Location: 380 Rockaway Turnpike, Cedarhurst | Personnel: Miguel & asso

Well ID:	MW-2	Tubing Type:	Poly
Casing Type:	PVC	Sample Pump:	Peristaltic pump
Measuring Point:	top of casing	Monitoring Equipment:	Interface Probe
Well Diameter (inches):	2"	Screen Setting (ft btoc):	
Well Total Depth (ft btoc):	10.38	Tubing Intake (ft btoc):	7.00
Depth to Water (btoc):	05.07	Comments:	

Well Condition:

Well Purging Information:

Water Column Length (ft):	5.00	Start Purge Time:	9:00
1 Volume (gal.):		Stop Purge Time:	9:10
Purge Device/Tubing:	Peristaltic + Poly	Total Volume Removed (gal.):	2 gal

SHOULD BE 40 MINUTES MINIMUM

Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
9:10 am	5.07		4.83	0.172	0.0	0.67	25.85	-6		
9:20 am	5.07		4.87	0.172	0.0	0.54	25.82	-17		
9:30 am	5.07		4.90	0.172	0.0	0.87	25.81	-30		
9:40 am	5.07		4.92	0.173	0.0	0.42	25.84	-41		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
9:10 am	5.07		4.83	0.172	0.0	0.67	25.85	-6	
9:20 am	5.07		4.87	0.172	0.0	0.54	25.82	-17	
9:30 am	5.07		4.90	0.172	0.0	0.87	25.81	-30	
9:40 am	5.07		4.92	0.173	0.0	0.42	25.84	-41	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is <50 ntus	±10% or <0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: | Sample Analyses: TCL VOCs

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Cels
ml/min	milliliters per minute	mg/L	milligrams per liter	mV	millivolts
mS/cm	miliseimons per centimeter				

Monitoring Well Sampling Log

Site #: 130198
Site Location: 380 Rockaway Turnpike, Cedarhurst

Date: 8/26/24
Personnel: Miguel & Dean

Well ID:	MW-3	Tubing Type:	Poly
Casing Type:	PVC	Sample Pump:	Peristaltic pump
Measuring Point:	top of casing	Monitoring Equipment:	Interface probe
Well Diameter (inches):	2"	Screen Setting (ft btoc):	
Well Total Depth (ft btoc):	12.04	Tubing Intake (ft btoc):	11.05
Depth to Water (btoc):	10.26	Comments:	

Well Condition:

Well Purging Information:

Water Column Length (ft):	10.00	Start Purge Time:	10:05
1 Volume (gal.):		Stop Purge Time:	10:15
Purge Device/Tubing:	Peristaltic + Poly	Total Volume Removed (gal.):	2 gal

SHOULD BE 40 MINUTES MINIMUM

Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
10:15 am	10.26		5.66	0.321	7.4	0.61	23.02	-71		
10:25 am	10.26		5.64	0.326	7.0	0.19	21.86	-83		
10:35 am	10.26		5.65	0.328	4.8	0.13	21.52	-91		
10:45 am	10.26		5.64	0.332	2.3	0.94	20.48	-139		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
10:15 am	10.26		5.66	0.321	7.4	0.61	23.02	-71	
10:25 am	10.26		5.64	0.326	7.0	0.19	21.86	-83	
10:35 am	10.26		5.65	0.328	4.8	0.13	21.52	-91	
10:45 am	10.26		5.64	0.332	2.3	0.94	20.48	-139	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is <50 ntus	±10% or <0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: Sample Analyses: TCL VOCs

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Cels
ml/min	milliliters per minute	mg/L	milligrams per liter	mV	millivolts
mS/cm	miliseimons per centimeter				

Monitoring Well Sampling Log

Site #: 130198
Site Location: 380 Rockaway Turnpike, Cedarhurst

Date: 8/26/24
Personnel: Miguel + Oscar

Well ID: MW-4
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 15.5
Depth to Water (btoc): 11.15

Tubing Type: Poly
Sample Pump: Peristaltic pump
Monitoring Equipment: Interface probe
Screen Setting (ft btoc):
Tubing Intake (ft btoc): 13.00
Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 11.00
1 Volume (gal.):
Purge Device/Tubing: Peristaltic + Poly
Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Start Purge Time: 11:25
Stop Purge Time: 11:35
Total Volume Removed (gal.): 2 gal

SHOULD BE 40 MINUTES MINIMUM

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
11:35 am	11.15		5.48	0.243	5.1	0.74	21.17	-101		
11:45 am	11.18		5.56	0.260	3.6	0.00	20.83	-308		
11:55 am	11.15		5.59	0.260	3.4	0.00	20.78	-330		
12:05 pm	11.15		5.65	0.266	2.9	0.49	20.87	-359		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
11:35 am	11.15		5.48	0.243	5.1	0.74	21.17	-101	
11:45 am	11.20		5.56	0.260	3.6	0.00	20.83	-308	
11:55 am	11.20		5.59	0.260	3.4	0.00	20.78	-330	
12:05 pm	11.20		5.65	0.266	2.9	0.49	20.87	-359	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is <50 ntus	±10% or <0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: Sample Analyses: TCL VOCs

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Cels
ml/min	milliliters per minute	mg/L	milligrams per liter	mV	millivolts
mS/cm	miliselmons per centimeter				

APPENDIX B

Laboratory Reports

Monitoring Well Sampling Results

SSDS Effluent Sampling Results

Technical Report

prepared for:

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Report Date: 09/06/2024
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 24H1833

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 09/06/2024
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 24H1833

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 27, 2024 and listed below. The project was identified as your project: **380 Rockaway Turnpike Cedarhurst, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H1833-01	MW-1	Ground Water	08/26/2024	08/27/2024
24H1833-02	MW-2	Ground Water	08/26/2024	08/27/2024
24H1833-03	MW-3	Ground Water	08/26/2024	08/27/2024
24H1833-04	MW-4	Ground Water	08/26/2024	08/27/2024
24H1833-05	Trip Blank	Water	08/26/2024	08/27/2024

General Notes for York Project (SDG) No.: 24H1833

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 09/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 10:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-35-4	**1,1-Dichloroethylene**	**160**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
95-63-6	**1,2,4-Trimethylbenzene**	**2300**		ug/L	40	100	200	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-67-8	**1,3,5-Trimethylbenzene**	**620**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 10:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications:	08/28/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/28/2024 16:54	SCB
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
71-43-2	**Benzene**	**26**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	08/28/2024 16:54	SCB
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	08/28/2024 16:54	SCB
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/28/2024 16:54	SCB

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24H1833-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 10:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**35000**		ug/L	400	1000	2000	EPA 8260D	08/30/2024 08:00	08/30/2024 19:30	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**64**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1100**		ug/L	5.0	12	25	EPA 8260D	08/29/2024 08:00	08/29/2024 13:07	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**61**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**76**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**55**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**140**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**3800**		ug/L	40	100	200	EPA 8260D	08/29/2024 08:00	08/29/2024 13:34	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**8400**		ug/L	100	200	200	EPA 8260D	08/29/2024 08:00	08/29/2024 13:34	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**12**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**14**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**89**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 16:54	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24H1833-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 10:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	**Toluene**	**6200**		ug/L	40	100	200	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO
156-60-5	**trans-1,2-Dichloroethylene**	**320**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	**Trichloroethylene**	**3.6**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 16:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	**Vinyl Chloride**	**970**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO
1330-20-7	**Xylenes, Total**	**12000**		ug/L	120	300	200	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 13:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H1833-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 11:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **24H1833-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 11:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	**1,1-Dichloroethylene**	**1.2**	J	ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	**1,2,4-Trimethylbenzene**	**1300**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 14:01	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	**1,3,5-Trimethylbenzene**	**360**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H1833-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 11:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**5.4**	J	ug/L	5.0	10	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**320**		ug/L	1.0	2.5	5	EPA 8260D	08/28/2024 08:00	08/28/2024 17:22	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H1833-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 11:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**38**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**460**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 14:01	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**51**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	**Methylcyclohexane**	**23**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	**n-Butylbenzene**	**22**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
103-65-1	**n-Propylbenzene**	**98**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**240**		ug/L	5.0	12	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 14:01	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**2100**		ug/L	12	25	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 14:01	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	**p-Isopropyltoluene**	**5.8**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
135-98-8	**sec-Butylbenzene**	**5.6**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	**Styrene**	**6.8**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22	SCB NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24H1833-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 11:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-88-3	**Toluene**	**39**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-01-4	**Vinyl Chloride**	**190**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	08/28/2024 08:00	08/28/2024 17:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
1330-20-7	**Xylenes, Total**	**2400**		ug/L	15	38	25	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 14:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H1833-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 8:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H1833-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 8:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	**1,1-Dichloroethylene**	**3.1**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	**1,2,3-Trichloropropane**	**1.4**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**1700**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 11:57	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**410**	E	ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24H1833-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 8:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	**Acrolein**	**37**	E, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	**Benzene**	**2.5**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-59-2	**cis-1,2-Dichloroethylene**	**100**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 18:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 15:33 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24H1833-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 8:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**89**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**860**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 11:57	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**76**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**49**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**33**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**170**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**1900**		ug/L	20	50	100	EPA 8260D	09/04/2024 08:00	09/04/2024 13:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**4100**		ug/L	50	100	100	EPA 8260D	09/04/2024 08:00	09/04/2024 13:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**6.8**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**12**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**29**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24H1833-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 8:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**1.6**	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	**Toluene**	**1200**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 11:57	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.8**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**0.41**	J	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 15:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**3600**		ug/L	6.0	15	10	EPA 8260D	09/03/2024 08:00	09/03/2024 18:33	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**6000**		ug/L	60	150	100	EPA 8260D	09/04/2024 08:00	09/04/2024 13:52	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*76.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*79-122*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H1833-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24H1833-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	**1,1-Dichloroethylene**	**1.7**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	**1,2,3-Trichloropropane**	**0.86**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**1600**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24H1833-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
107-02-8	**Acrolein**	**58**	E, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
71-43-2	**Benzene**	**3.5**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB
156-59-2	**cis-1,2-Dichloroethylene**	**72**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 19:02 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	SCB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	09/03/2024 08:00	09/03/2024 16:01 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	SCB

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24H1833-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**81**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**780**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**46**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**80**	E	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
108-87-2	**Methylcyclohexane**	**41**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 19:02	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**32**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**93**		ug/L	2.0	5.0	10	EPA 8260D	09/03/2024 08:00	09/03/2024 19:02	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**1700**		ug/L	10	25	50	EPA 8260D	09/04/2024 08:00	09/04/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**4000**		ug/L	25	50	50	EPA 8260D	09/04/2024 08:00	09/04/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**6.9**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**10**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**28**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24H1833-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	**tert-Butylbenzene**	**0.55**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
127-18-4	**Tetrachloroethylene**	**0.68**	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	**Toluene**	**1600**		ug/L	20	50	100	EPA 8260D	09/04/2024 08:00	09/04/2024 14:20	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	**trans-1,2-Dichloroethylene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-02-6	**trans-1,3-Dichloropropylene**	**15**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.4**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**2.0**		ug/L	0.20	0.50	1	EPA 8260D	09/03/2024 08:00	09/03/2024 16:01	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**5600**		ug/L	30	75	50	EPA 8260D	09/04/2024 08:00	09/04/2024 12:26	SCB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*76.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24H1833-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/29/2024 08:00	08/29/2024 19:46	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24H1833-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H1833-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	**Acrylonitrile**	**2.6**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 24H1833-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	08/29/2024 08:00	08/29/2024 19:46 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	FO

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24H1833-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H1833	380 Rockaway Turnpike Cedarhurst, NY	Water	August 26, 2024 9:00 am	08/27/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	08/29/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	08/29/2024 19:46	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24H1833-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1833-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1833-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1833-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24H1833-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24H1833

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Tyll Engineering	Company: S	Company: S
Address:	Address: A	Address: A
Phone.:	Phone.: M	Phone.: M
Contact: Karen Tyll	Contact: E	Contact: E
E-mail:	E-mail:	E-mail:

YOUR Project Number

YOUR Project Name: 380 Rockaway Turnpike Cedarhurst NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Carla DeMonaco

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- ~~GW - groundwater~~
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

To GS

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW-1	GW	8/26/24 10A	VOCs	3-40ml VOA	
MW-2	GW	8/26/24 11AM	VOCs	3-40 ml VOA	
MW-3	GW	8/26/24 8AM	VOCs	3-40ml VOA	
MW-4	GW	8/26/24 9AM	VOCs	3-40ml VOA	
Trip Blank			VOCs	2-40ml VOA	

Comments:

Preservation: (check all that apply)

HCl ____ MeOH ____ HNO3 ____ H2SO4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other: ____

Special Instruction

- Field Filtered
- Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company: Date/Time: 8/26/24	1. Samples Received by / Company: York Date/Time: 8/26/24 1620	2. Samples Relinquished by / Company: York Date/Time: 8/27/24 1250
2. Samples Received by / Company: Bohler 8/27/24 Date/Time: 1250PM	3. Samples Relinquished by / Company: Bohler Date/Time: 8/27/24 17:10	3. Samples Received by / Company: Date/Time:
4. Samples Relinquished by / Company: Date/Time:	4. Samples Received by / Company: Date/Time:	Samples Received in LAB by: NCA Date/Time: 8/27/24 17:10 Temperature: 3.4 Degrees C

Technical Report

prepared for:

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Report Date: 09/06/2024
Client Project ID: 380 Rockaway Tpke Cedarhurst, NY
York Project (SDG) No.: 24H2112

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE | STRATFORD, CT 06615 | 132-02 89th AVENUE | RICHMOND HILL, NY 11418
www.YORKLAB.com | (203) 325-1371 | FAX (203) 357-0166 | ClientServices@yorklab.com

Report Date: 09/06/2024
Client Project ID: 380 Rockaway Tpke Cedarhurst, NY
York Project (SDG) No.: 24H2112

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 30, 2024 and listed below. The project was identified as your project: **380 Rockaway Tpke Cedarhurst, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24H2112-01	Effluent-Vent	Air	08/30/2024	08/30/2024

General Notes for York Project (SDG) No.: 24H2112

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 09/06/2024

Sample Information

Client Sample ID: **Effluent-Vent** **York Sample ID:** **24H2112-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2112	380 Rockaway Tpke Cedarhurst, NY	Air	August 30, 2024 7:35 am	08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.8	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.0	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.8	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.0	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-35-4	**1,1-Dichloroethylene**	**0.88**		ug/m³	0.55	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.1	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	2.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.6	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
106-99-0	1,3-Butadiene	ND		ug/m³	3.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.6	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT

Sample Information

Client Sample ID: **Effluent-Vent** **York Sample ID:** **24H2112-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2112	380 Rockaway Tpke Cedarhurst, NY	Air	August 30, 2024 7:35 am	08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
123-91-1	1,4-Dioxane	ND	ICVE	ug/m³	4.0	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	1.3	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
78-93-3	**2-Butanone**	**2.1**		ug/m³	1.6	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
591-78-6	* 2-Hexanone	ND		ug/m³	4.5	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
107-05-1	3-Chloropropene	ND		ug/m³	8.6	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
67-64-1	**Acetone**	**34**		ug/m³	2.6	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
107-13-1	**Acrylonitrile**	**6.2**		ug/m³	1.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
71-43-2	Benzene	ND		ug/m³	1.8	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
100-44-7	Benzyl chloride	ND		ug/m³	2.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-27-4	Bromodichloromethane	ND		ug/m³	3.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-25-2	Bromoform	ND		ug/m³	5.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
74-83-9	Bromomethane	ND		ug/m³	2.1	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-15-0	Carbon disulfide	ND		ug/m³	1.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
56-23-5	Carbon tetrachloride	ND		ug/m³	0.87	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
108-90-7	Chlorobenzene	ND		ug/m³	2.5	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-00-3	Chloroethane	ND		ug/m³	1.5	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
67-66-3	**Chloroform**	**3.2**		ug/m³	2.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT

Sample Information

Client Sample ID: **Effluent-Vent** **York Sample ID:** **24H2112-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2112	380 Rockaway Tpke Cedarhurst, NY	Air	August 30, 2024 7:35 am	08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/m³	1.1	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
156-59-2	**cis-1,2-Dichloroethylene**	**500**		ug/m³	0.55	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.5	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
110-82-7	Cyclohexane	ND		ug/m³	1.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
124-48-1	Dibromochloromethane	ND		ug/m³	4.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-71-8	**Dichlorodifluoromethane**	**3.3**	TO-CCV, TO-LCS-H	ug/m³	2.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
141-78-6	* Ethyl acetate	ND		ug/m³	4.0	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
100-41-4	Ethyl Benzene	ND		ug/m³	2.4	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
87-68-3	Hexachlorobutadiene	ND		ug/m³	5.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
67-63-0	**Isopropanol**	**70**		ug/m³	2.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
80-62-6	Methyl Methacrylate	ND		ug/m³	2.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.0	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-09-2	Methylene chloride	ND		ug/m³	3.8	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
91-20-3	* Naphthalene	ND		ug/m³	5.8	5.524	EPA TO-15 Certifications: NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
142-82-5	n-Heptane	ND		ug/m³	2.3	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
110-54-3	n-Hexane	ND		ug/m³	1.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
95-47-6	o-Xylene	ND		ug/m³	2.4	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
179601-23-1	p- & m- Xylenes	ND		ug/m³	4.8	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.7	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT

Sample Information

Client Sample ID: **Effluent-Vent** **York Sample ID:** **24H2112-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24H2112	380 Rockaway Tpke Cedarhurst, NY	Air	August 30, 2024 7:35 am	08/30/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
115-07-1	* Propylene	ND		ug/m³	0.95	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
100-42-5	Styrene	ND		ug/m³	2.4	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
127-18-4	**Tetrachloroethylene**	**290**		ug/m³	3.7	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.3	5.524	EPA TO-15 Certifications:	09/06/2024 10:00	09/06/2024 14:42	LT
108-88-3	Toluene	ND		ug/m³	2.1	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
156-60-5	**trans-1,2-Dichloroethylene**	**4.2**		ug/m³	2.2	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.5	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
79-01-6	**Trichloroethylene**	**250**		ug/m³	0.74	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.1	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
108-05-4	Vinyl acetate	ND		ug/m³	1.9	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
593-60-2	Vinyl bromide	ND		ug/m³	2.4	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT
75-01-4	Vinyl Chloride	ND		ug/m³	0.71	5.524	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	09/06/2024 10:00	09/06/2024 14:42	LT

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24H2112

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Tyll Engineering	Company: S	Company: S
Address:	Address: A	Address: A
Phone.: Karen Tyll	Phone.: Y	Phone.: Y
Contact:	Contact:	Contact:
E-mail:	E-mail: E	E-mail: E

YOUR Project Number:

YOUR Project Name: 380 Rockaway TPke Cedarhurst, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m^3 ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
EFFluent-Vent	8/30/24	AE	-30	-5	48306		TO-15

Comments:

Detection Limits Required

≤ 1 ug/m^3 ___ NYSDEC V1 Limits ___

Routine Survey ___ Other ___

Sampling Media

- 6 Liter Canister X
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	8/30/24 9pm				
Samples Received by / Company	**Date/Time**	**Samples Relinquished by / Company**	**Date/Time**	**Samples Received by / Company**	**Date/Time**
Samples Relinquished by / Company	**Date/Time**	**Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time**
				2 - 8/30/24	7:35

APPENDIX C

Monthly Reports

from

3rd Quarter 2024

TYLL ENGINEERING & CONSULTING PC

August 5, 2024

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for July 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the July 2024 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during July 2024. See below.

Actions taken during the reporting period are as follows:

- On July 29, 2024, PG Environmental visited the Site and completed the monthly inspection of the Site SSDS. They documented their monthly inspection on the attached form. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Arunesh Ghosh (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form
380 Rockaway Turnpike, Cedarhurst, NY
Former Quick & Clean – DEC Site #130198

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.
If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373

Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	X		If "Yes", call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?		X	If "No", call number above.	
Any alarm conditions observed at the control panel?	X		If "Yes", call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form				

SSDS Part	FPM/VAC	PID (ppm)
North Leg	498.6	0.0
South Leg	460.6	0.0
Effluent	m/s 1,753	0.0

Weather: sunny 90° F

Date/Time of Inspection: 7/29/2024

Printed Name of Person Performing Inspection: Carlos Alvarez

Signature of Person Performing Inspection:

TYLL ENGINEERING & CONSULTING PC

September 9, 2024

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for August 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the August 2024 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during August 2024. See below.

Actions taken during the reporting period are as follows:

- On August 26, 2024, PG Environmental visited the Site and completed the monthly inspection of the Site SSDS. They documented their monthly inspection on the attached form. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Arunesh Ghosh (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form
380 Rockaway Turnpike, Cedarhurst, NY
Former Quick & Clean – DEC Site #130198

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.
If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373

Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	X		If "Yes", call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?		X	If "No", call number above.	
Any alarm conditions observed at the control panel?	X		If "Yes", call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form				

SSDS Part	FPM/VAC	PID (ppm)
North Leg 257.3	257.3	0.0
South Leg 828.2	828.2	0.0
Effluent	m/s 1,763.4	0.0

Weather: sunny

Printed Name of Person Performing Inspection: Oscar Miguel

Date/Time of Inspection: 8/26/24 12:32pm

Signature of Person Performing Inspection: H. Sellian G.

October 9, 2024

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for September 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the September 2024 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during September 2024. See below.

Actions taken during the reporting period are as follows:

- On September 30, 2024, PG Environmental visited the Site and completed the monthly inspection of the Site SSDS. They documented their monthly inspection on the attached form. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Arunesh Ghosh (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form
380 Rockaway Turnpike, Cedarhurst, NY
Former Quick & Clean – DEC Site #130198

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.
If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373

Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	X		If "Yes", call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?		X	If "No", call number above.	
Any alarm conditions observed at the control panel?	X		If "Yes", call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form				

SSDS Part	FPM/VAC	PID (ppm)
North Leg	487.8	0.0
South Leg	301.8	0.0
Effluent	m/s 924.8	0.0

Weather: sunny 55°

Date/Time of Inspection: 9/30/24

Printed Name of Person Performing Inspection: Cathy Amin

Signature of Person Performing Inspection:

APPENDIX D

Quarterly Field Sampling Record

SSDS Effluent

QUARTERLY FIELD SAMPLING RECORD
SSDS EFFLUENT

Date: 8/30/2024

Project: Former Quick and Clean

Site Location: 380 Rockaway Turnpike, Cedarhurst, NY

Sample ID: SSDS EFFLUENT

Sampler: Carlos Q

Location: vent of blower

Height: 3 feet above roof

Canister ID: 48306

Canister Volume: 6 liter

Flow Controller ID: n/a

Flow Controller Setting: GRAB

Sample Type (sub-slab, soil gas, amb, indoor): SSDS Effluent

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	8/30/24	8 AM	-30
Final Canister Vacuum	8/30/24	8:03 AM	-5

Weather or Ambient Conditions: 75 DEGREES

PID at Location: 0.0

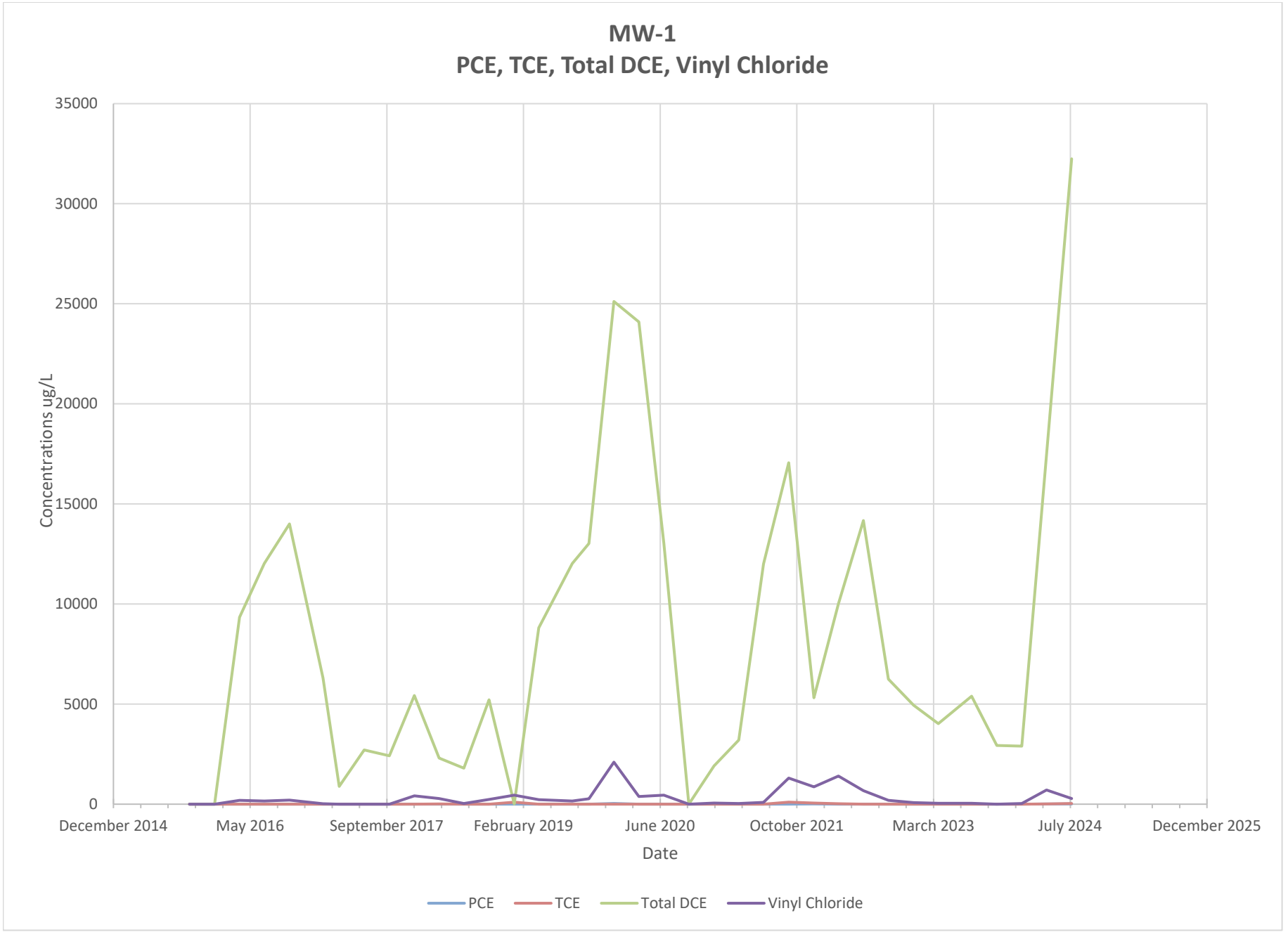
Comments:

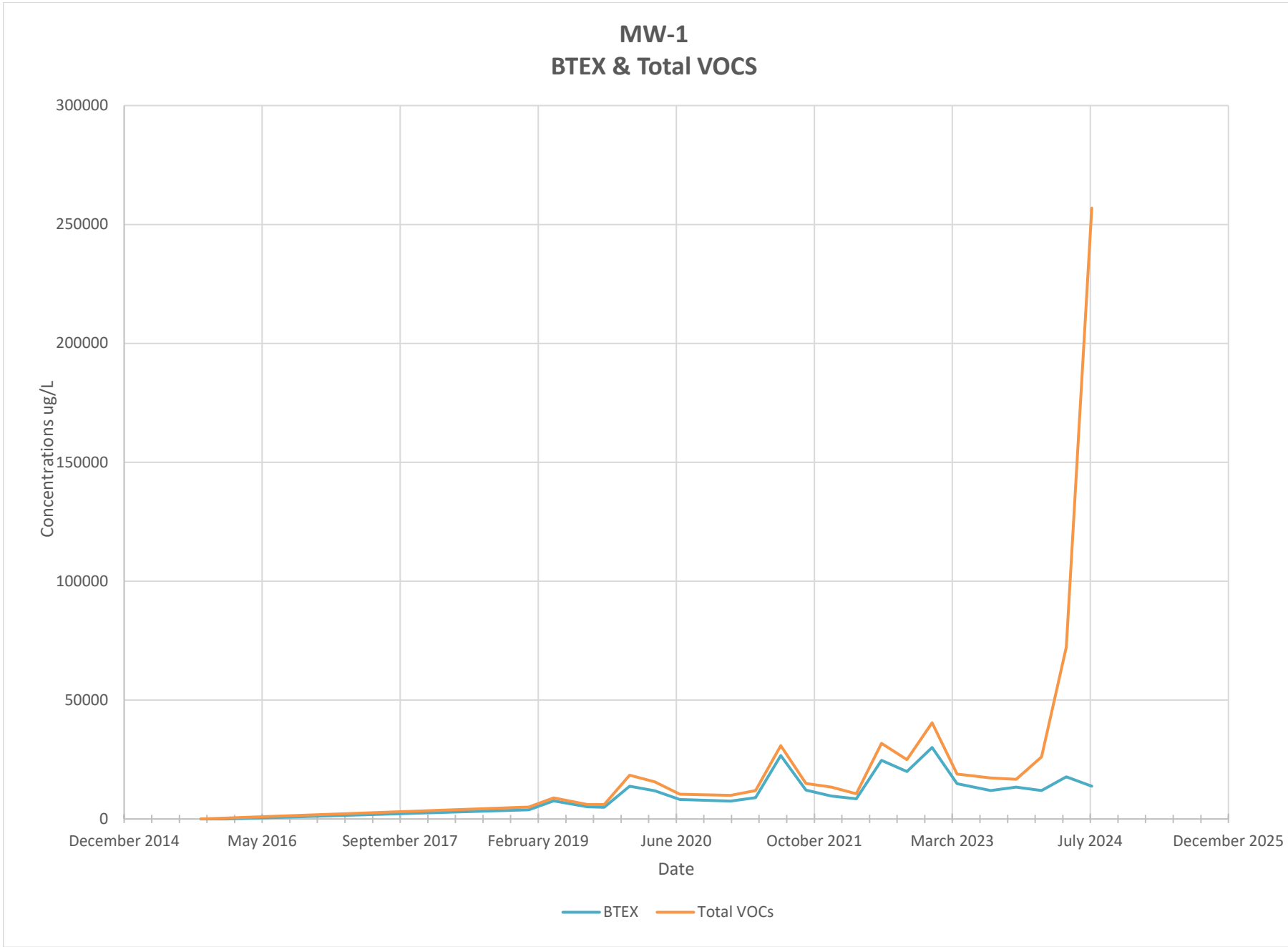
APPENDIX E

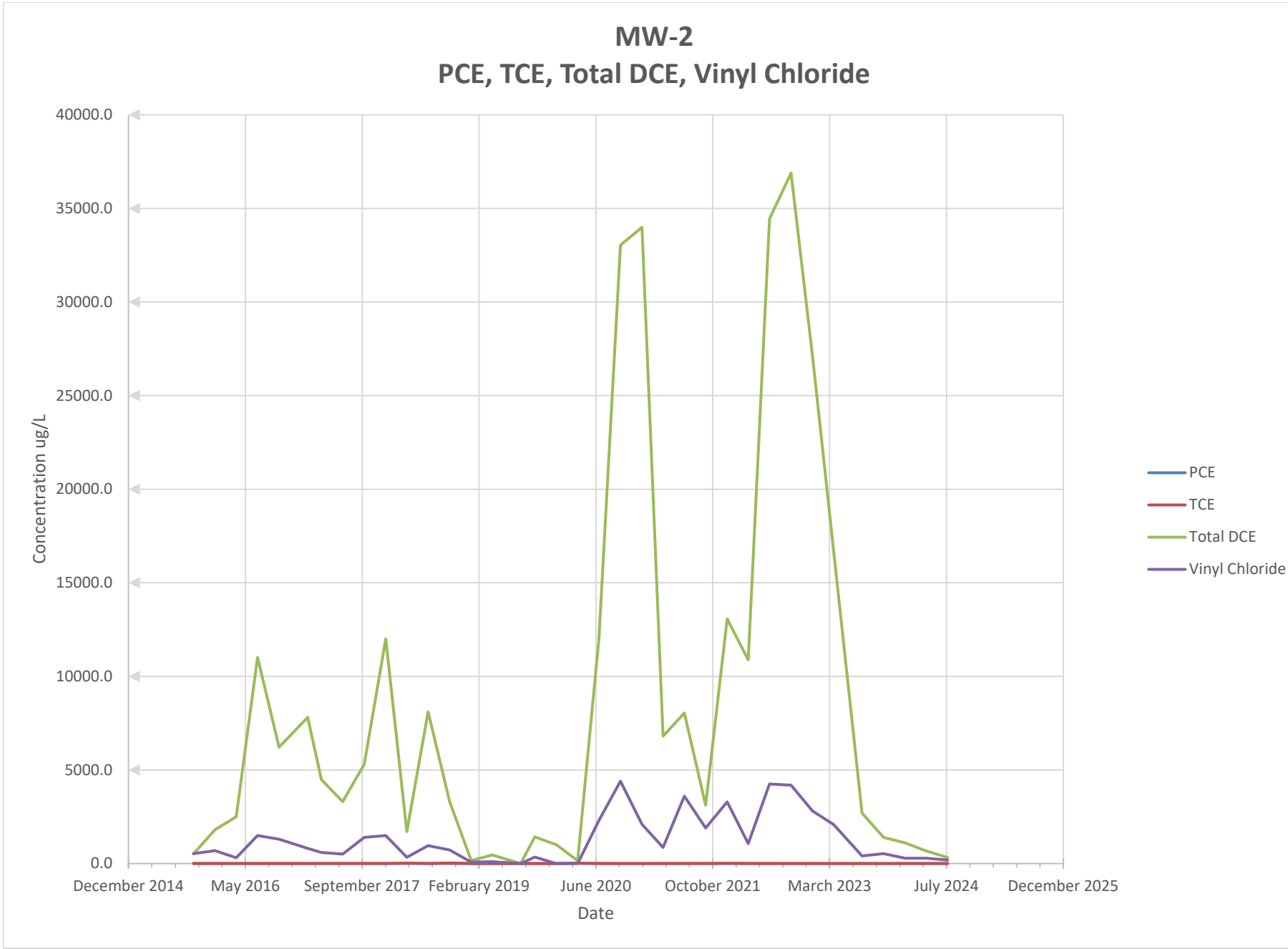
Historic Graphs

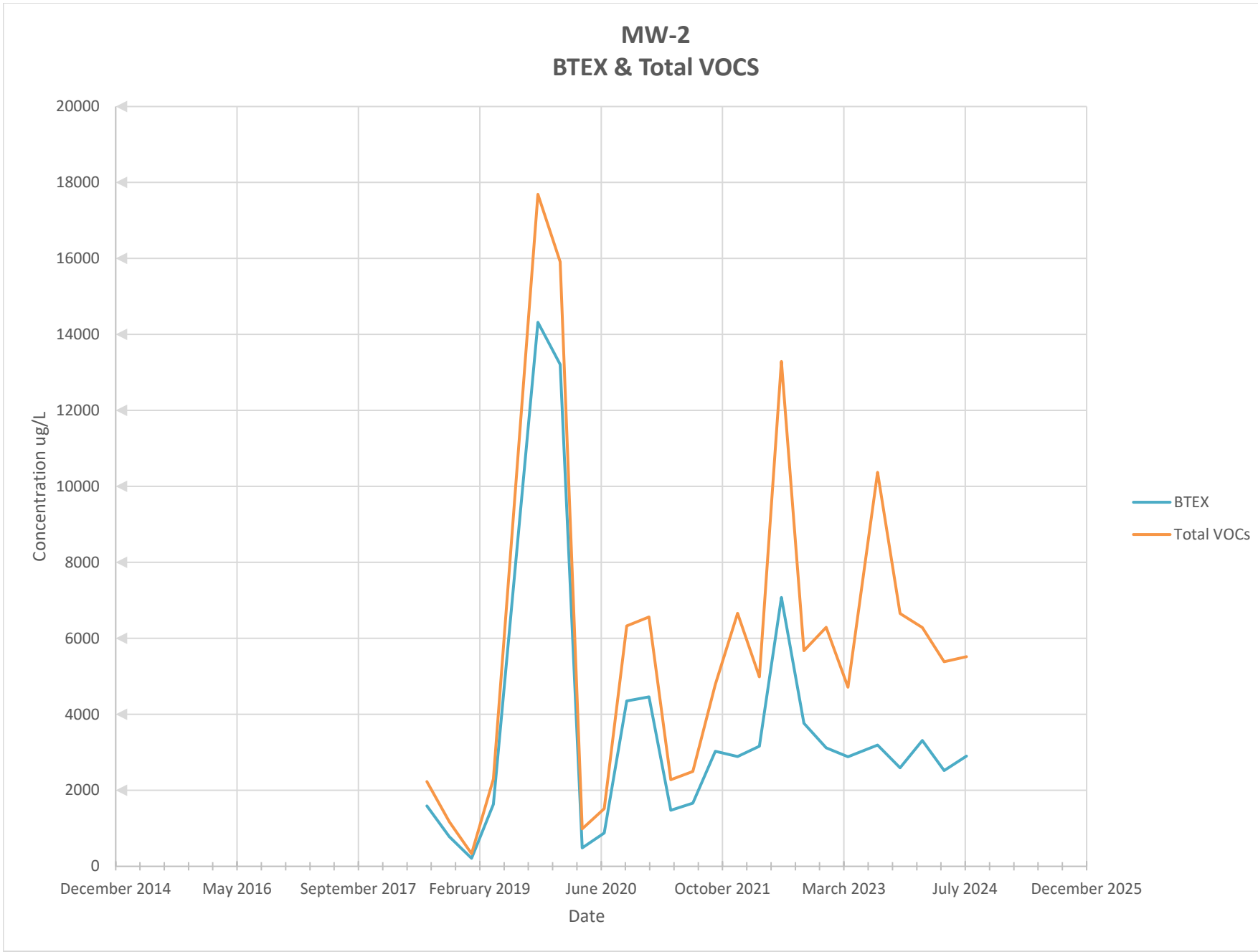
of Monitoring Well

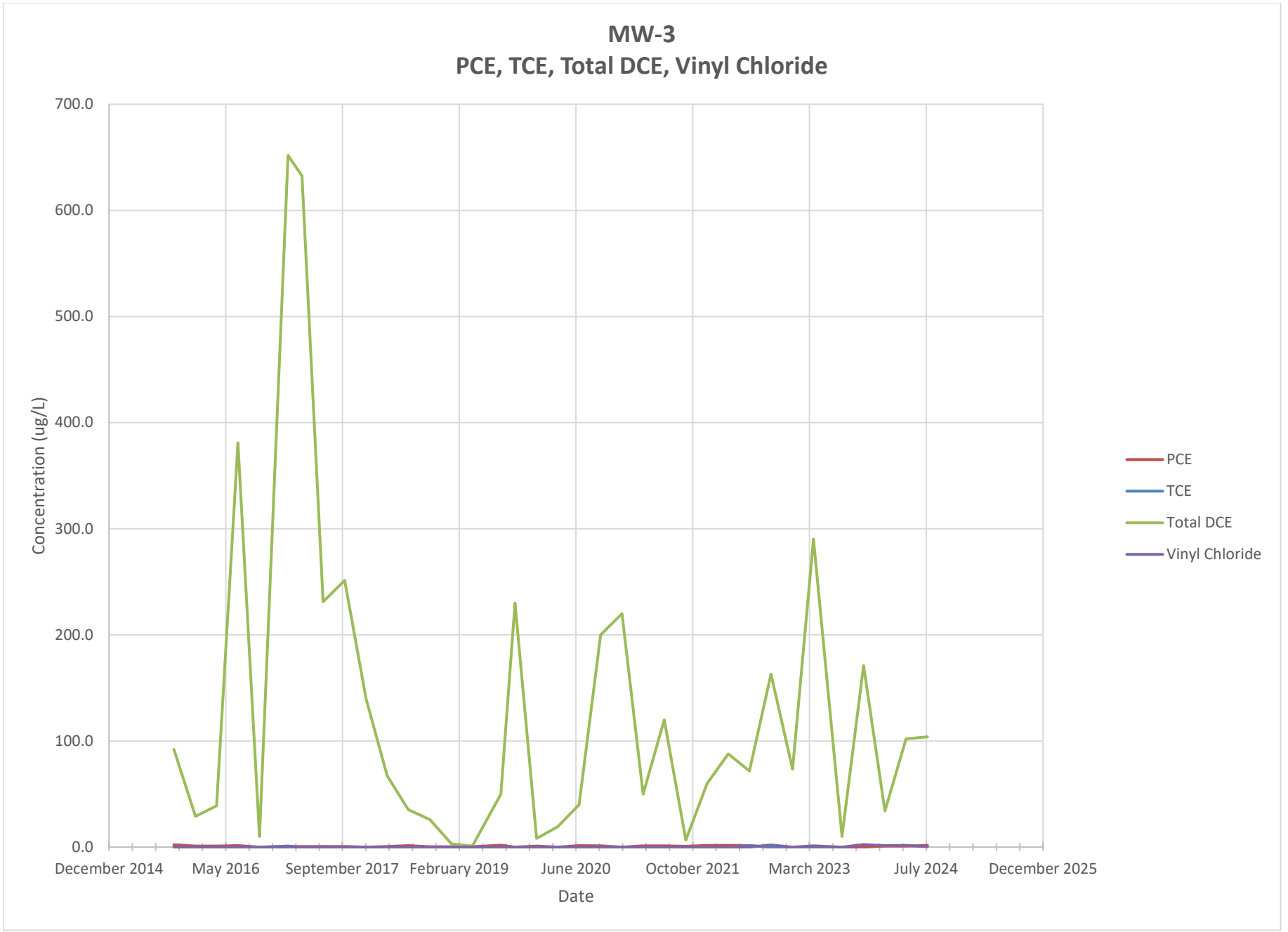
Concentrations

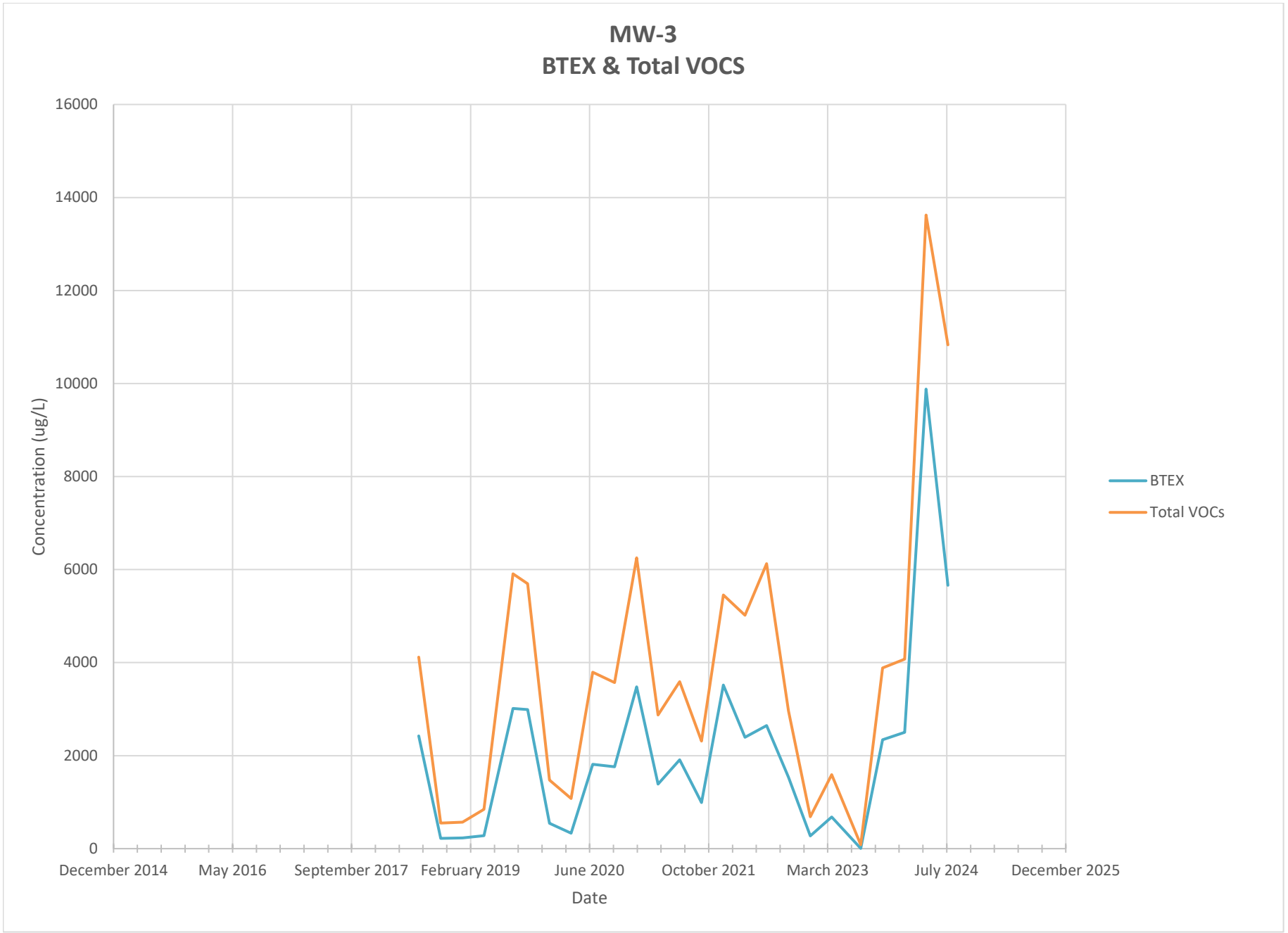

MW-1
PCE, TCE, Total DCE, Vinyl Chloride
35000
30000
25000
20000
15000
10000
5000
0
Concentrations ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride

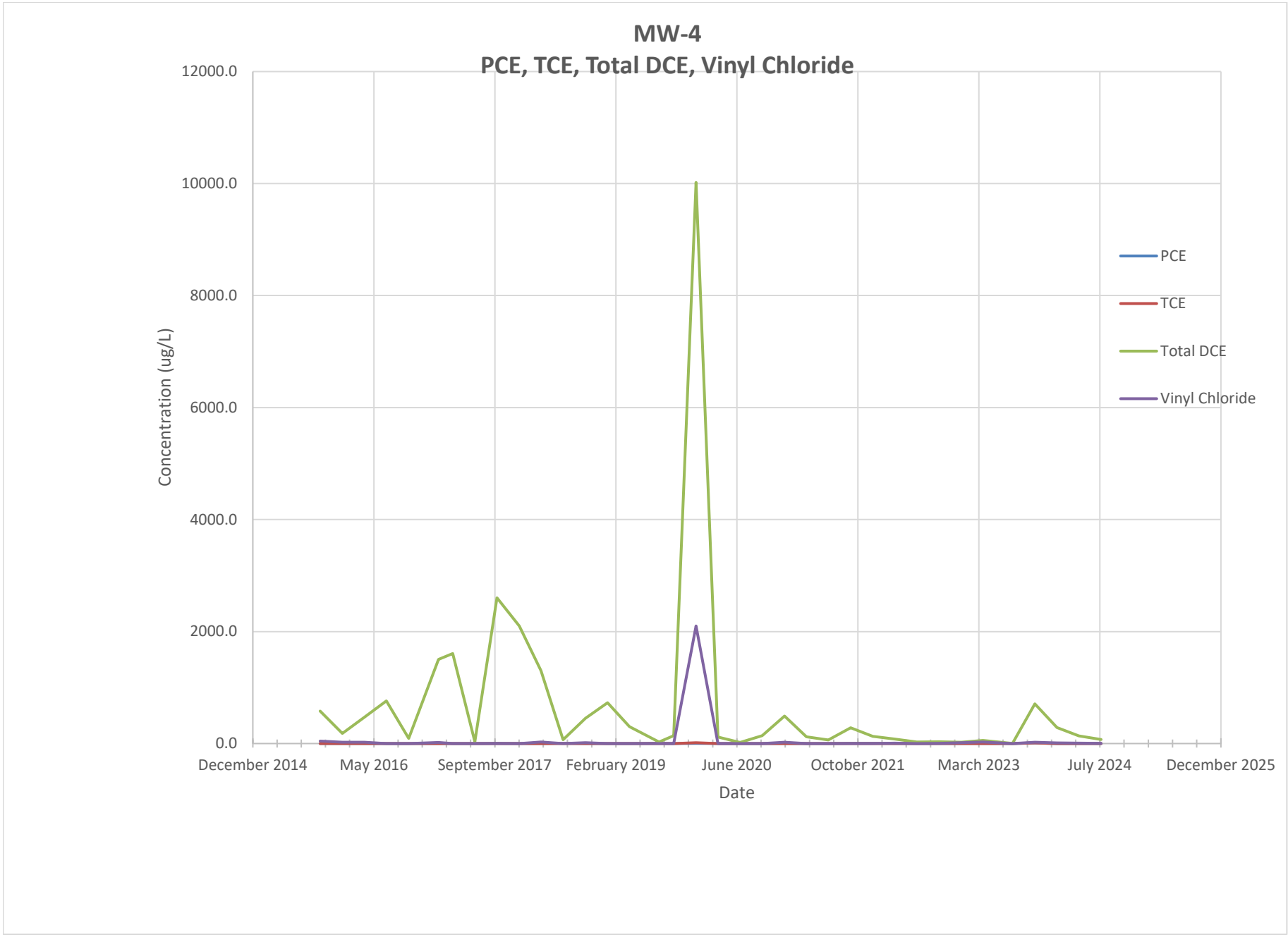

MW-1
BTEX & Total VOCS
300000
250000
200000
150000
100000
50000
0
Concentrations ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
BTEX
Total VOCs

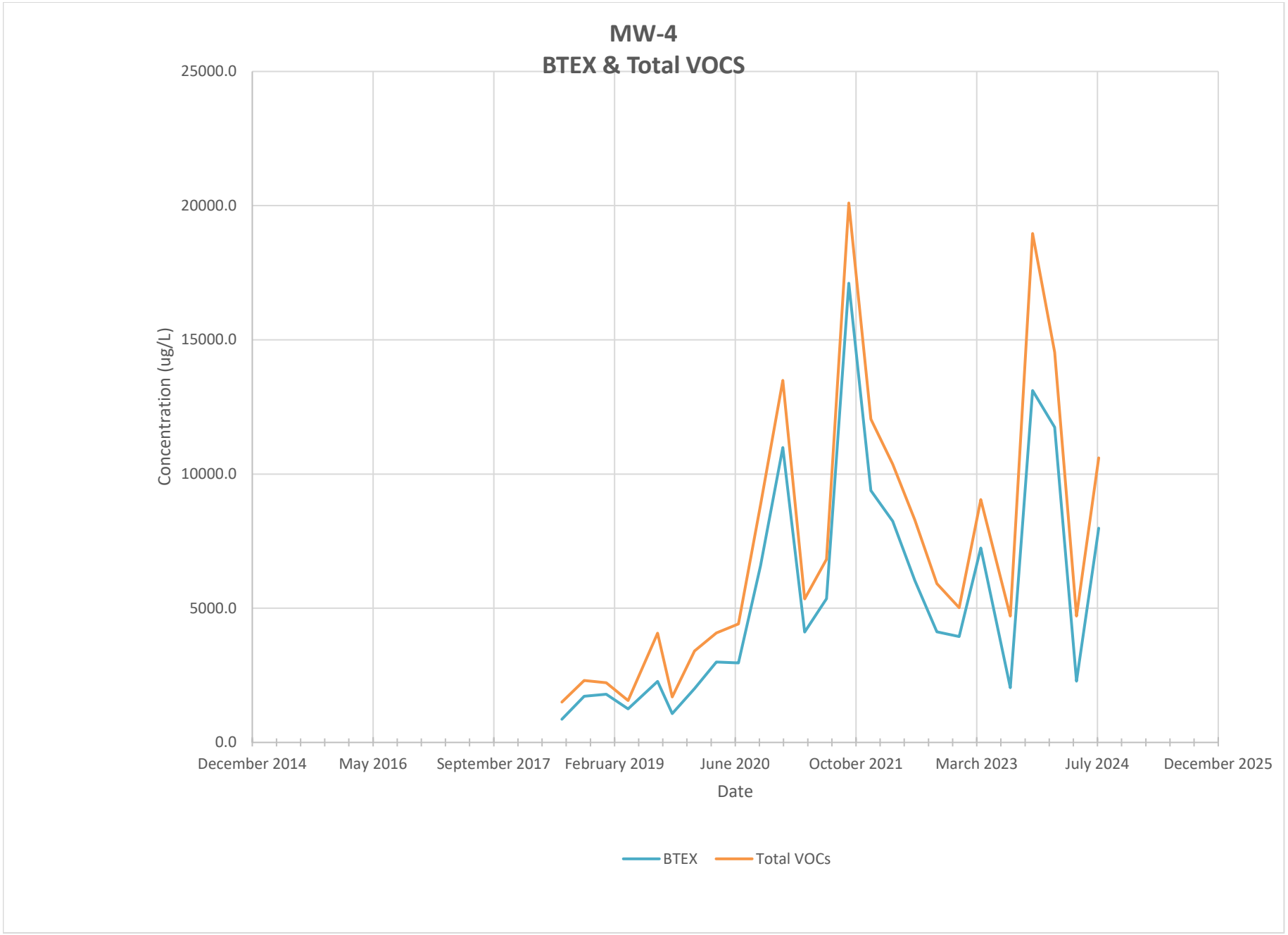

MW-2
PCE, TCE, Total DCE, Vinyl Chloride
40000.0
35000.0
30000.0
25000.0
20000.0
15000.0
10000.0
5000.0
0.0
Concentration ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride


MW-2
BTEX & Total VOCS
Concentration ug/L
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
BTEX
Total VOCs


MW-3
PCE, TCE, Total DCE, Vinyl Chloride
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Concentration (ug/L)
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride


MW-3
BTEX & Total VOCS
16000
14000
12000
10000
8000
6000
4000
2000
0
Concentration (ug/L)
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
BTEX
Total VOCs


MW-4
PCE, TCE, Total DCE, Vinyl Chloride
12000.0
10000.0
8000.0
6000.0
4000.0
2000.0
0.0
Concentration (ug/L)
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride


MW-4
BTEX & Total VOCS
25000.0
20000.0
15000.0
10000.0
5000.0
0.0
Concentration (ug/L)
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
BTEX
Total VOCs