March 11, 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 - 4Q 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 FOURTH Quarter of 2024. Quarterly sampling activities were conducted on November 27, 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: 4th Quarter of 2024 (July, August, & September 2024)

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

Monitoring Performed this Quarter:
October 31, 2024 – Monthly SSDS monitoring
November 27 , 2024 – Monthly SSDS monitoring and
- Quarterly monitoring well gauging and sampling.
- Quarterly SSDS effluent sampling.

December 31, 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 6.04 to 12.00 **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, the depth to groundwater was measured between 6.04 to 12.00 ft. btoc or 4.04 to 4.58 feet elevation. 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 in **Table 5**.

Groundwater Sampling

The 4th Quarter 2024 groundwater sampling event was performed on November 27, 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 not detected in MW-1 through MW-4.
- cis-1,2 DCE was present in all MW samples, with concentrations ranging from 44 ug/L in MW-4 to 33,000 ug/L in MW-1.
- trans-1,2 DCE was detected in MW-1 at a concentration of 220 ug/L and in MW-2 at concentration of 3.7 ug/L.
- 1,1 Dichloroethylene was detected in MW-1 at a concentration of 140 ug/L and MW-3 at a concentration of 5.6 ug/L.
- VC was present in MW-1 through MW-4 samples with concentrations ranging from 12 ug/L in MW-3 to 810 ug/L in MW-2.
- Total BTEX ranged from 3,940 ug/L in MW-2 to 17,215 ug/L in MW-1.

Individual BTEX constituents (benzene, toluene, ethylbenzene, m,p-Xylene and o-Xylene) 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. The monthly reports are attached in **Appendix C**.

SSDS Effluent Sampling

The 4th Quarter 2024 SSDS Effluent sampling event was performed on November 27, 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 (no gauge) with clean 3/8" poly-tubing. The can was opened upon connection and the sample was collected over an approximate 3-minute interval. 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 6000 ug/m^3; TCE at 1300 ug/m^3; total DCE at 1520.55 ug/m^3 and VC at 1.90 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/historic sampling events in **Table 4.**

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 February 2025.

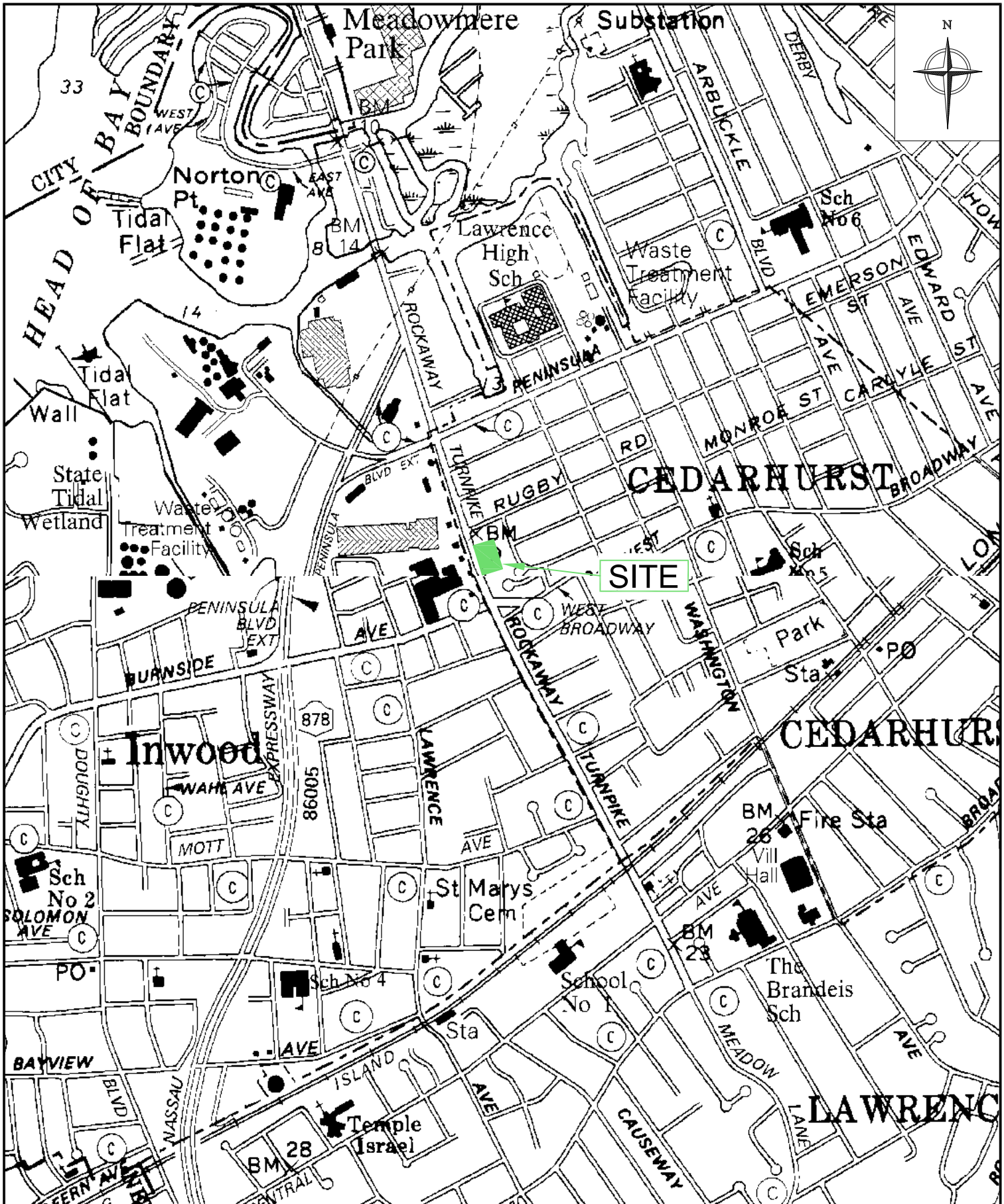
Sincerely,

TYLL ENGINEERING AND CONSULTING, PC

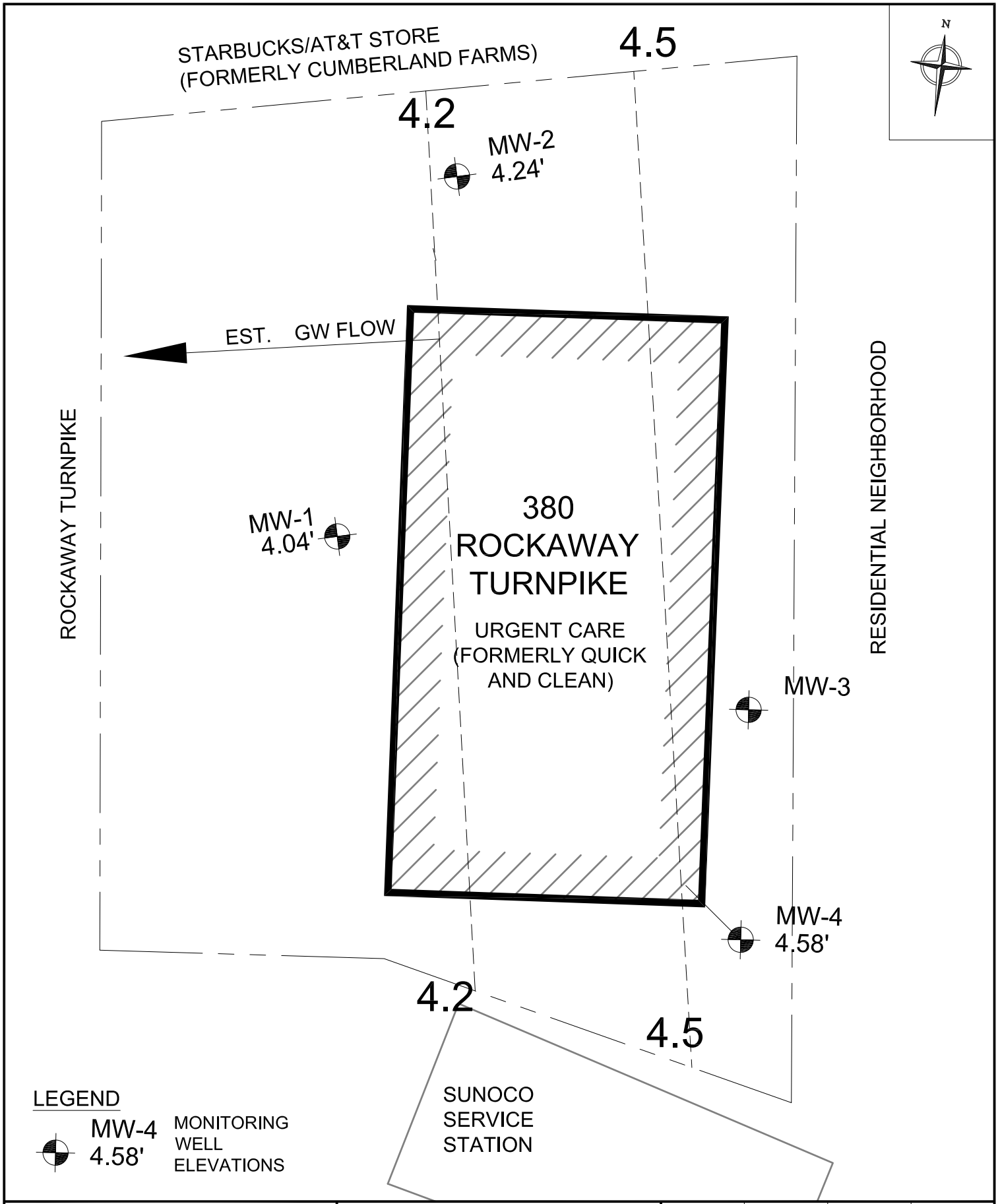
Karen Tyll, PE
President

eCC Sam Aranbaev and Shiraz Sanjana (Owner)
Michael Izdebski (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

FIGURES



PREPARED BY:	TITLE:				
TYLL ENGINEERING & CONSULTING PC 169 Commack Road, Suite H173, Commack, NY 11725 PHONE: (631) 629-5373 info@tyllengineering.com	**SITE LOCATION MAP** 380 ROCKAWAY TURNPIKE CEDARHURST, NY	DWN: -	SCALE: NTS	DATE: 10-8-23	PROJECT NO.: 380R2301
		CHKD: KT	APPD: KT	REV.: -	NOTES: -
		FIGURE NO.: 1			



PREPARED BY:	TITLE:				
TYLL ENGINEERING & CONSULTING PC 169 Commack Road, Suite H173, Commack, NY 11725 PHONE: (631) 629-5373 Info@tyllengineering.com	**SITE PLAN - 4Q 2024** 380 ROCKAWAY TURNPIKE CEDARHURST, NY	DWN: -	SCALE: NTS	DATE: 01-13-25	PROJECT NO.: 380R2301
		CHKD: KT	APPD: KT	REV.: -	NOTES: -
		FIGURE NO.: 2			

Former Cumberland Farms SS

Rockaway Turnpike

Fence

Residential

Drain trenching

Bathroom

Boiler Room

OFFICE SPACE

OFFICE SPACE

EXAM ROOM 1

5'-2" PVC slot screen with exterior vertical pipe to roof

RECEPTION

EXAM ROOM 2

OFFICE

DOUBLE DOOR

OFFICE

EXAM ROOM 3

OFFICE

EXAM ROOM 4

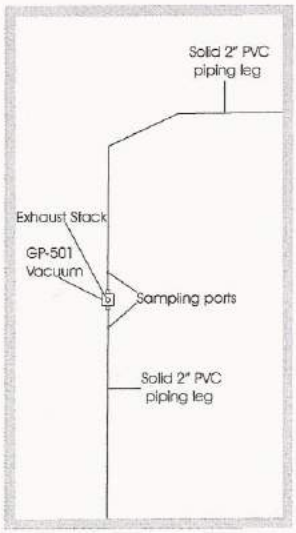
WAITING AREA

LABORATORY

On/off switch system shutdown warning light

5'-2" PVC slot screen with exterior vertical pipe to roof

PLAN VIEW ROOFTOP CONSTRUCTION



1"=28'

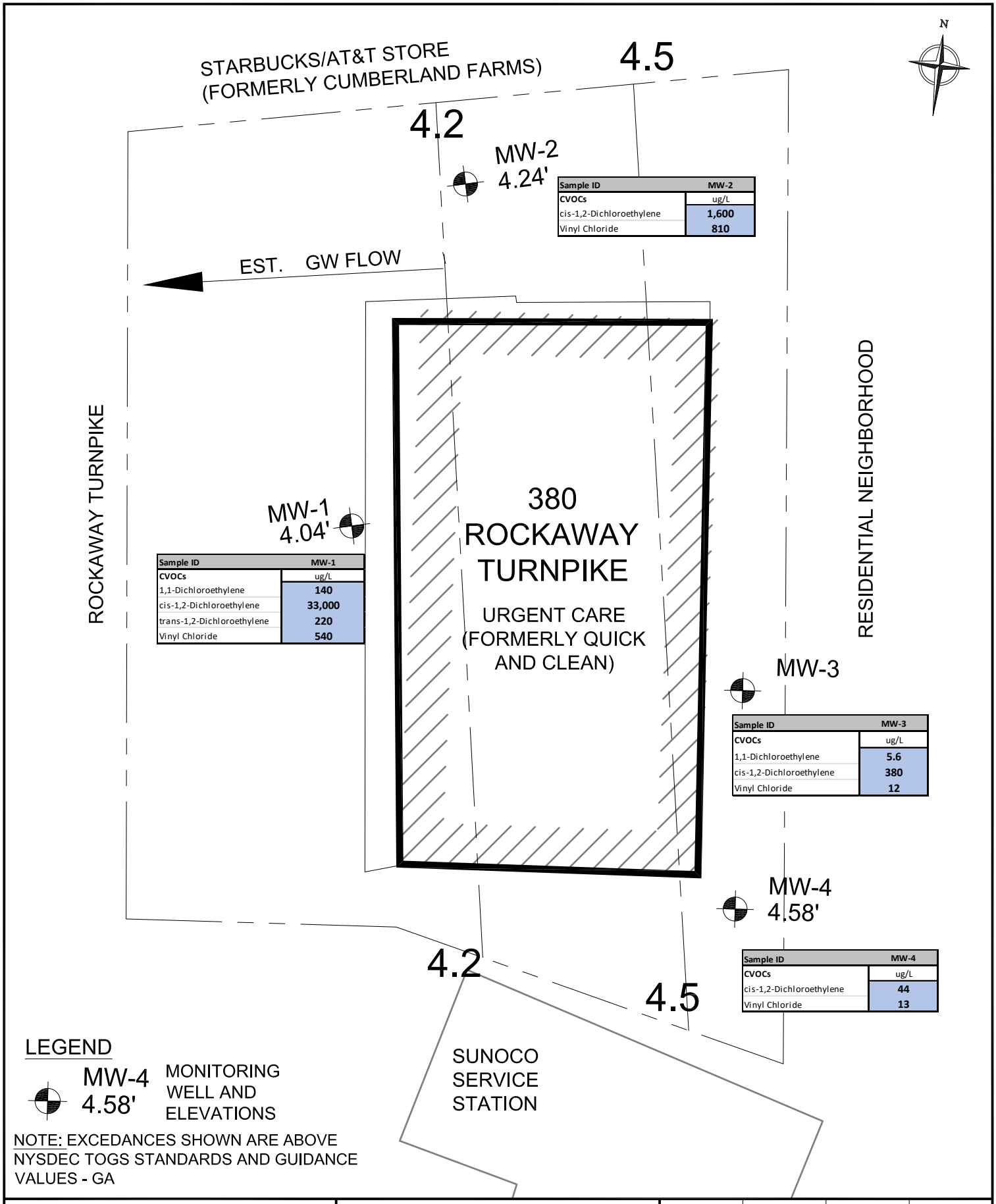
STATE OF NEW YORK
JOHN V. SODERBERG
49975
LICENSED PROFESSIONAL ENGINEER

1"=14'

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



PREPARED BY:

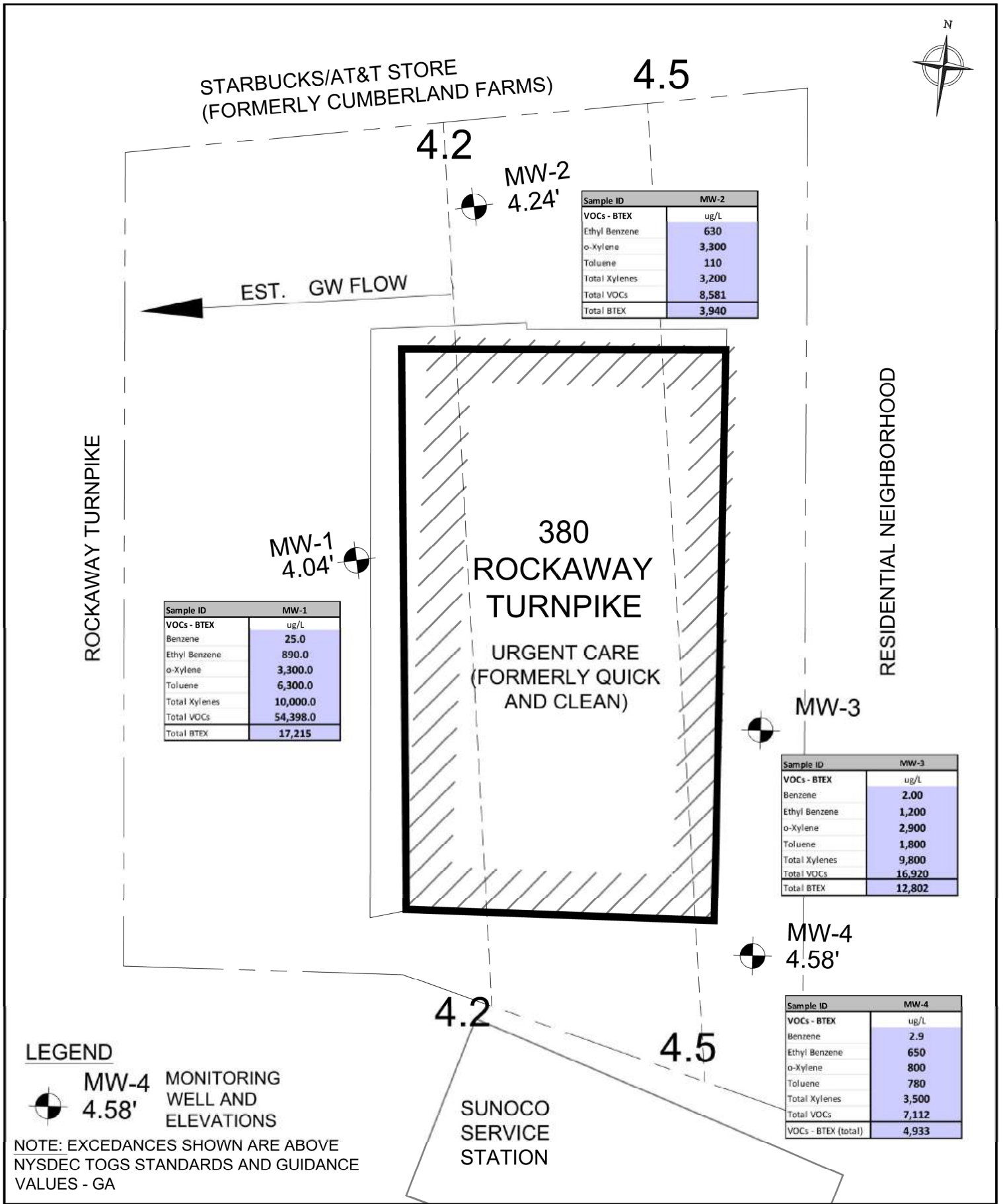
TYLL ENGINEERING & CONSULTING PC
169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 Info@tyllengineering.com

TITLE:

4Q 2024 EXCEEDANCES IN GROUNDWATER - CVOCS
380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	01-13-25	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	1	-

FIGURE NO.: 4



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	4Q 2024 EXCEEDANCES IN GROUNDWATER - BTEX 380 ROCKAWAY TURNPIKE CEDARHURST, NY	-	NTS	01-13-25	380R2301
		CHKD: KT	APPD: KT	REV.: 1	NOTES: -
		FIGURE NO.: 5			

TABLES

TABLE 1 - GROUNDWATER SAMPLING RESULTS - 4Q 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 24K1985-01 11/27/2024 9:00:00 AM Ground Water		MW-2 24K1985-02 11/27/2024 10:00:00 AM Ground Water		MW-3 24K1985-03 11/27/2024 11:00:00 AM Ground Water		MW-4 24K1985-04 11/27/2024 12:00:00 PM Ground Water		Trip Blank 24K1985-05 11/27/2024 11:49:00 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			500		100		100		50		1	
1,1,1,2-Tetrachloroethane	630-20-6	5	1	U	1	U	2	U	2	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	1	U	1	U	2	U	2	U	0.2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	1	U	1	U	2	U	2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	1	U	1	U	2	U	2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	1	1	U	1	U	2	U	2	U	0.2	U
1,1-Dichloroethane	75-34-3	5	1	U	1	U	2	U	2	U	0.2	U
1,1-Dichloroethylene	75-35-4	5	**140**	D	**4.8**	D	**5.6**	D	2	U	0.2	U
1,2,3-Trichlorobenzene	87-61-6	5	1	U	1	U	2	U	2	U	0.2	U
1,2,3-Trichloropropane	96-18-4	0.04	1	U	1	U	2	U	2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	5	1	U	1	U	2	U	2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	5	**2,000**	D	**1,300**	D	**2,000**	D	**980**	D	0.2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	1	U	1	U	2	U	2	U	0.2	U
1,2-Dibromoethane	106-93-4	0.0006	1	U	1	U	2	U	2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	3	1	U	1	U	2	U	2	U	0.2	U
1,2-Dichloroethane	107-06-2	0.6	1	U	1	U	2	U	2	U	0.2	U
1,2-Dichloropropane	78-87-5	1	1	U	1	U	2	U	2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	5	**520**	D	**340**	D	**530**	D	**310**	D	0.2	U
1,3-Dichlorobenzene	541-73-1	3	1	U	1	U	2	U	2	U	0.2	U
1,4-Dichlorobenzene	106-46-7	3	1	U	1	U	2	U	2	U	0.2	U
1,4-Dioxane	123-91-1	0.35	200	U	200	U	400	U	400	U	40.0	U
2-Butanone	78-93-3	50	1	U	1	U	2	U	2	U	0.2	U
2-Hexanone	591-78-6	50	1	U	1	U	2	U	2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	~	1	U	**3**	D	2	U	**2.6**	JD	0.2	U
Acetone	67-64-1	50	**7.2**	JD	5	U	10	U	**15**	JD	1.0	U
Acrolein	107-02-8	~	1	U	1	U	2	U	2	U	0.8	B
Acrylonitrile	107-13-1	~	1	U	1	U	2	U	2	U	0.5	
Benzene	71-43-2	1	**25**	D	1	U	2	U	**2.9**	JD	0.2	U
Bromochloromethane	74-97-5	5	1	U	1	U	2	U	2	U	0.2	U
Bromodichloromethane	75-27-4	50	1	U	1	U	2	U	2	U	0.2	U
Bromoform	75-25-2	50	1	U	1	U	2	U	2	U	0.2	U
Bromomethane	74-83-9	5	1	U	1	U	2	U	2	U	0.2	U
Carbon disulfide	75-15-0	~	**1.4**	JD	1	U	2	U	2	U	0.2	U
Carbon tetrachloride	56-23-5	5	1	U	1	U	2	U	2	U	0.2	U
Chlorobenzene	108-90-7	5	1	U	1	U	2	U	2	U	0.2	U
Chloroethane	75-00-3	5	1	U	1	U	2	U	2	U	0.2	U
Chloroform	67-66-3	7	1	U	1	U	2	U	2	U	0.2	U
Chloromethane	74-87-3	5	1	U	1	U	2	U	2	U	0.2	U
cis-1,2-Dichloroethylene	156-59-2	5	**33,000**	D	**1,600**	D	**380**	D	**44**	D	0.2	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	1	U	1	U	2	U	2	U	0.2	U
Cyclohexane	110-82-7	~	**62**	D	**61**	D	**120**	D	**80**	D	0.2	U
Dibromochloromethane	124-48-1	50	1	U	1	U	2	U	2	U	0.2	U
Dibromomethane	74-95-3	~	1	U	1	U	2	U	2	U	0.2	U
Dichlorodifluoromethane	75-71-8	5	1	U	1	U	2	U	2	U	0.2	U
Ethyl Benzene	100-41-4	5	**890**	D	**630**	D	**1,200**	D	**650**	D	0.2	U
Hexachlorobutadiene	87-68-3	0.5	1	U	1	U	2	U	2	U	0.2	U
Isopropylbenzene	98-82-8	5	**50**	D	**50**	D	**100**	D	**46**	D	0.2	U

TABLE 1 - GROUNDWATER SAMPLING RESULTS - 4Q 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 24K1985-01 11/27/2024 9:00:00 AM Ground Water		MW-2 24K1985-02 11/27/2024 10:00:00 AM Ground Water		MW-3 24K1985-03 11/27/2024 11:00:00 AM Ground Water		MW-4 24K1985-04 11/27/2024 12:00:00 PM Ground Water		Trip Blank 24K1985-05 11/27/2024 11:49:00 AM Water	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Methyl acetate	79-20-9	~	1	U	1	U	2	U	2	U	0.2	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	1	U	1	U	2	U	2	U	0.2	U
Methylcyclohexane	108-87-2	~	**65**	D	**52**	D	**79**	D	**43**	D	0.2	U
Methylene chloride	75-09-2	5	5	U	5	U	10	U	10	U	1.0	U
n-Butylbenzene	104-51-8	5	**16**	D	**6**	D	**14**	D	**5.4**	D	0.2	U
n-Propylbenzene	103-65-1	5	**110**	D	**100**	D	**240**	D	**88**	D	0.2	U
o-Xylene	95-47-6	5	**3,300**	D	**710**	D	**2,900**	D	**800**	D	0.2	U
p- & m- Xylenes	179601-23-1	~	**6,800**	D	**2,500**	D	**6,900**	D	**2,700**	D	0.5	U
p-Isopropyltoluene	99-87-6	5	**9**	D	**7.7**	D	**8.7**	D	**5.3**	D	0.2	U
sec-Butylbenzene	135-98-8	5	**12**	D	**7.4**	D	**11**	D	**6.3**	D	0.2	U
Styrene	100-42-5	5	**71**	D	**23**	D	**88**	D	**31**	D	0.2	U
tert-Butyl alcohol (TBA)	75-65-0	~	**4.8**	JD	2.5	U	**5**	U	**5**	U	0.5	U
tert-Butylbenzene	98-06-6	5	1	U	1	U	2	U	2	U	0.2	U
Tetrachloroethylene	127-18-4	5	1	U	1	U	2	U	2	U	0.2	U
Toluene	108-88-3	5	**6,300**	D	**110**	D	**1,800**	D	**780**	D	0.2	U
trans-1,2-Dichloroethylene	156-60-5	5	**220**	D	**3.7**	D	2	U	2	U	0.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	1	U	1	U	2	U	2	U	0.2	U
trans-1,4-dichloro-2-butene	110-57-6	~	**8**	D	**7.2**	D	**17**	D	**6.3**	D	0.2	U
Trichloroethylene	79-01-6	5	1	U	1	U	2	U	2	U	0.2	U
Trichlorofluoromethane	75-69-4	5	1	U	1	U	2	U	2	U	0.2	U
Vinyl Chloride	75-01-4	2	**540**	D	**810**	D	**12**	D	**13**	D	0.2	U
Xylenes, Total	1330-20-7	5	**10,000**	D	**3,200**	D	**9,800**	D	**3,500**	D	0.6	U

NOTES:

Bold and highlighted = over TOGS standards

Bold = Detected

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 - 4Q 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
November 2024	1.00	1.00	33,360.0	540.0	17,215	54,398	1	1	1605	810.0	3,940	8,581	1	2	384.0	12.0	12,802	16,920	1	2	48.0	13.0	4,933	7,112

n/d = non-detect

shaded means that the result is above the guidance values

TABLE 3 - SSDS STACK EMISSIONS CONCENTRATIONS 4Q 2024

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

Sample ID York ID Sampling Date Client Matrix	Effluent SSDS Pipe 24K1983-01 11/27/2024 11:00:00 AM Vapor Extraction		
Compound	Result		Q
Volatile Organics, EPA TO15 Full List **Dilution Factor**	ug/m3 29.2	PPMV	
1,1-Dichloroethylene	0.540	0.136	D
Benzene	4.7	1.47	U
cis-1,2-Dichloroethylene	1,500	378.33	D
Ethyl Benzene	6.3	1.45	U
o-Xylene	6.3	1.45	U
p- & m- Xylenes	13.0	2.99	U
Tetrachloroethylene	6,000	884.53	D
Toluene	5.5	1.46	U
trans-1,2-Dichloroethylene	20.0	5.04	D
Trichloroethylene	1,300.0	241.89	D
Vinyl Chloride	1.90	0.74328	U

D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

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
November 2024	884.53	241.89	384.84	0.74

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

TABLE 5 - 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
November 2024	4.04	4.24	11.00	4.58

*** 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: 11-27-24
Personnel: Orlando - ENG

Well ID: MW-1
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 10.75
Depth to Water (btoc): 8.02

Tubing Type: Poly
Sample Pump: Portable 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): 2.73
1 Volume (gal.):
Purge Device/Tubing: Peristaltic Pump

Start Purge Time: 7.41
Stop Purge Time: 7.55
Total Volume Removed (gal.): 5 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
7:40 am	8.02		4.57	0.442	1.3	2.54	23.47	-22		
7:50 am	8.02		4.60	0.350	0.1	1.87	23.45	-40		
8:00 am	8.02		4.65	0.352	0.1	0.95	23.49	-159		
8:10 am	8.02		4.72	0.349	0.0	0.88	23.51	-130		

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
7:40 am	8.02		4.57	0.442	1.3	2.54	23.47	-22	
7:50 am	8.02		4.60	0.350	0.1	1.87	23.45	-40	
8:00 am	8.02		4.65	0.352	0.1	0.95	23.49	-159	
8:10 am	8.02		4.72	0.349	0.0	0.88	23.51	-130	
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: 11.27.24
Personnel: Orlando - Elvo

Well ID: MW-2
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 10.35
Depth to Water (btoc): 6.04

Tubing Type: Poly
Sample Pump: Peristaltic Pump
Monitoring Equipment: interface Probe
Screen Setting (ft btoc):
Tubing Intake (ft btoc): 7.00
Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 5.01
1 Volume (gal.):
Purge Device/Tubing: Peristaltic Pump / Poly

Start Purge Time: 8:30
Stop Purge Time: 9.45
Total Volume Removed (gal.): 5 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
8:30 am	6.4		4.84	0.173	0.0	0.64	25.89	-8		
8.40 am	6.4		4.86	0.171	0.1	0.60	25.85	-14		
8.50 am	6.4		4.88	0.172	0.0	0.82	24.95	-12		
9.00 am	6.4		4.91	0.174	0.0	0.90	25.91	-27		

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
8.30 am	6.4		4.84	0.173	0.0	0.64	25.89	-8	
8:40 am	6.4		4.86	0.171	0.1	0.66	25.85	-14	
8.50 am	6.4		4.88	0.172	0.0	0.82	24.95	-12	
9.00 am	6.4		4.91	0.174	0.0	0.90	25.91	-27	
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: 11-27-24
Personnel: Orlando - Elio

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):	12.00
Depth to Water (btoc):	11.00	Comments:	
Well Condition:			

Well Purging Information:

Water Column Length (ft):	10.00	Start Purge Time:	9:25
1 Volume (gal.):		Stop Purge Time:	10.35
Purge Device/Tubing:		Total Volume Removed (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
9:35 am	11:00		5.69	0.325	6.9	0.55	19.05	-67		
9:45 am	11:00		5.67	0.331	7.4	0.25	20.07	-81		
9:55 am	11:00		5.71	0.291	7.2	0.19	20.9	-88		
10:05 am	11:00		5.68	0.336	4.5	0.80	21.0	-131		

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
9.35 am	11.00		5.69	0.325	6.9	0.55	19.05	-67	
9.45 am	11.00		5.67	0.331	7.4	0.25	20.07	-81	
9.55 am	11.00		5.71	0.291	7.2	0.19	20.09	-88	
10.05 am	11.00		5.68	0.336	4.5	0.80	21.0	-131	
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: 11-27-24
Personnel: Orlando - Gino

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): 12.00
Well Condition:

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

Well Purging Information:

Water Column Length (ft): 11
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: 10.30
Stop Purge Time: 10.45
Total Volume Removed (gal.): 5 gal

SHOULD BE 40 MINUTES MINIMUM

Water Quality Monitoring Parameters

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
10.45 am	12.00		5.50	0.250	5.8	0.69	20.70	-109		
10.55 am	12.00		5.55	0.251	5.6	0.61	20.69	-220		
11.05 am	12.00		5.54	0.162	4.9	0.09	20.72	-215		
11.15 am	12.00		5.60	0.159	4.5	0.0	20.66	-320		

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
10.45 am	12.00		5.50	0.250	5.8	0.69	20.70	-109	
10.55 am	12.00		5.55	0.251	5.6	0.61	20.69	-220	
11.05 am	12.00		5.54	0.162	4.9	0.09	20.72	-215	
11.15 am	12.00		5.60	0.159	4.5	0.0	20.66	-320	
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				

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: 12/06/2024
Client Project ID: 380 Rockaway TPKE Cedarhurst, NY
York Project (SDG) No.: 24K1985

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: 12/06/2024
Client Project ID: 380 Rockaway TPKE Cedarhurst, NY
York Project (SDG) No.: 24K1985

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 November 27, 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
24K1985-01	MW-1	Ground Water	11/27/2024	11/27/2024
24K1985-02	MW-2	Ground Water	11/27/2024	11/27/2024
24K1985-03	MW-3	Ground Water	11/27/2024	11/27/2024
24K1985-04	MW-4	Ground Water	11/27/2024	11/27/2024
24K1985-05	Trip Blank	Ground Water	11/27/2024	11/27/2024

General Notes for York Project (SDG) No.: 24K1985

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: 12/06/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24K1985-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 9:00 am	11/27/2024

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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								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	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	**1,1-Dichloroethylene**	**140**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	**1,2,4-Trimethylbenzene**	**2000**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	**1,3,5-Trimethylbenzene**	**520**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K1985-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 9:00 am	11/27/2024

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:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD 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 Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**7.2**	J	ug/L	5.0	10	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**25**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	**Carbon disulfide**	**1.4**	J	ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:28	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K1985-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 9:00 am	11/27/2024

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**	**33000**		ug/L	100	250	500	EPA 8260D	12/03/2024 08:00	12/03/2024 12:20	PD
								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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**62**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**890**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**50**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								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	12/02/2024 08:00	12/03/2024 02:28	PD
								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	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**65**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**16**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**110**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**3300**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**6800**		ug/L	25	50	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**9.0**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**12**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**71**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 24K1985-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 9:00 am	11/27/2024

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)**	**4.8**	J	ug/L	2.5	5.0	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	**Toluene**	**6300**		ug/L	100	250	500	EPA 8260D	12/03/2024 08:00	12/03/2024 12:20	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	**trans-1,2-Dichloroethylene**	**220**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	**trans-1,4-dichloro-2-butene**	**8.0**		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	12/02/2024 08:00	12/03/2024 02:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**540**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**10000**		ug/L	30	75	50	EPA 8260D	12/03/2024 08:00	12/03/2024 11:54	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K1985-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 10:00 am	11/27/2024

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:** 24K1985-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 10:00 am	11/27/2024

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:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	**1,1-Dichloroethylene**	**4.8**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	**1,2,4-Trimethylbenzene**	**1300**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 12:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K1985-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 10:00 am	11/27/2024

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 Certifications:	12/02/2024 08:00	12/03/2024 02:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-10-1	**4-Methyl-2-pentanone**	**3.0**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
67-64-1	Acetone	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1600**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 12:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K1985-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 10:00 am	11/27/2024

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:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**61**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**630**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 12:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**50**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD 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:	12/02/2024 08:00	12/03/2024 02:54	PD 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:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	**Methylcyclohexane**	**52**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	**n-Butylbenzene**	**6.0**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
103-65-1	**n-Propylbenzene**	**100**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**710**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 12:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**2500**		ug/L	50	100	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 12:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	**p-Isopropyltoluene**	**7.7**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
135-98-8	**sec-Butylbenzene**	**7.4**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	**Styrene**	**23**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 02:54	PD 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:	12/02/2024 08:00	12/03/2024 02:54	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24K1985-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 10:00 am	11/27/2024

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:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
108-88-3	**Toluene**	**110**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
156-60-5	**trans-1,2-Dichloroethylene**	**3.7**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
110-57-6	**trans-1,4-dichloro-2-butene**	**7.2**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 02:54	PD
75-01-4	**Vinyl Chloride**	**810**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 12:47	PD
1330-20-7	**Xylenes, Total**	**3200**		ug/L	60	150	100	EPA 8260D Certifications:	12/03/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 12:47	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.0 %*	*79-122*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K1985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:00 am	11/27/2024

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	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K1985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:00 am	11/27/2024

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	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	**1,1-Dichloroethylene**	**5.6**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	**1,2,4-Trimethylbenzene**	**2000**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	**1,3,5-Trimethylbenzene**	**530**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K1985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:00 am	11/27/2024

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	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
67-64-1	Acetone	ND		ug/L	10	20	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/03/2024 03:21	PD
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD
156-59-2	**cis-1,2-Dichloroethylene**	**380**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/03/2024 03:21	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/03/2024 03:21	PD

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K1985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:00 am	11/27/2024

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**	**120**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**1200**		ug/L	20	50	100	EPA 8260D	12/03/2024 08:00	12/03/2024 13:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**100**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**79**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**14**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**240**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**2900**		ug/L	20	50	100	EPA 8260D	12/03/2024 08:00	12/03/2024 13:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**6900**		ug/L	50	100	100	EPA 8260D	12/03/2024 08:00	12/03/2024 13:13	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**8.7**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**11**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**88**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:21	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24K1985-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:00 am	11/27/2024

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	ND	ICVE, QL-02	ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-88-3	**Toluene**	**1800**		ug/L	20	50	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-57-6	**trans-1,4-dichloro-2-butene**	**17**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-01-4	**Vinyl Chloride**	**12**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
1330-20-7	**Xylenes, Total**	**9800**		ug/L	60	150	100	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.7 %*	*79-122*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K1985-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 12:00 pm	11/27/2024

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	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K1985-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 12:00 pm	11/27/2024

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	**1,2,4-Trimethylbenzene**	**980**		ug/L	10	25	50	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	**1,3,5-Trimethylbenzene**	**310**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K1985-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 12:00 pm	11/27/2024

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
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	**4-Methyl-2-pentanone**	**2.6**	J	ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
67-64-1	**Acetone**	**15**	J	ug/L	10	20	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**2.9**	J	ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**44**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**80**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K1985-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 12:00 pm	11/27/2024

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
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**650**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**46**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	**Methylcyclohexane**	**43**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	**n-Butylbenzene**	**5.4**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
103-65-1	**n-Propylbenzene**	**88**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**800**		ug/L	10	25	50	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**2700**		ug/L	25	50	50	EPA 8260D Certifications:	12/03/2024 08:00	12/03/2024 13:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	**p-Isopropyltoluene**	**5.3**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
135-98-8	**sec-Butylbenzene**	**6.3**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	**Styrene**	**31**		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	2.0	5.0	10	EPA 8260D Certifications:	12/02/2024 08:00	12/03/2024 03:47	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24K1985-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 12:00 pm	11/27/2024

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
108-88-3	**Toluene**	**780**		ug/L	10	25	50	EPA 8260D	12/03/2024 08:00	12/03/2024 13:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	**trans-1,4-dichloro-2-butene**	**6.3**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**13**		ug/L	2.0	5.0	10	EPA 8260D	12/02/2024 08:00	12/03/2024 03:47	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	**Xylenes, Total**	**3500**		ug/L	30	75	50	EPA 8260D	12/03/2024 08:00	12/03/2024 13:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.3 %*	*79-122*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24K1985-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:49 am	11/27/2024

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	12/02/2024 08:00	12/02/2024 22:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	12/02/2024 08:00	12/02/2024 22:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	12/02/2024 08:00	12/02/2024 22:28	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1985-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:49 am	11/27/2024

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1985-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:49 am	11/27/2024

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
107-02-8	**Acrolein**	**0.77**	B, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
107-13-1	**Acrylonitrile**	**0.51**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00	12/02/2024 22:28 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 24K1985-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:49 am	11/27/2024

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
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/02/2024 22:28	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/02/2024 22:28	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	12/02/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/02/2024 22:28	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **24K1985-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1985	380 Rockaway TPKE Cedarhurst, NY	Ground Water	November 27, 2024 11:49 am	11/27/2024

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
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	12/02/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/02/2024 22:28	PD

	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*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24K1985-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1985-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1985-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1985-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K1985-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

Temp_S2	The samples were delivered directly from the field by the client. Upon receipt, the temperature of the samples exceeded 6 deg. C. Ice was not present and the temperature excursion is noted accordingly.
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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 legal 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.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 24K1985

Page _____ of _____

Report To:
Company: [illegible]
Address:
Phone.:
Contact: Karen Tully
E-mail:

Invoice To:
Company:
Address:
Phone.:
Contact:
E-mail:

YOUR Project Name / Number: 380 Rockaway Tpke Cedarhurst, NY

PO Number:

Samples Collected From: NY ☒ NJ ☐ CT ☐ PA ☐ Other: (please specify)

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 AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOCs	Grab or Comp. G/C
MW-1	11/27/24	9AM	GW		X									X	
MW-2	11/27/24	10AM	GW		X									X	
MW-3	11/27/24	11AM	GW		X									X	
MW-4	11/27/24	12PM	GW		X									X	

Turn-Around Time: RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day); PFAS Standard 7-10 Day ☒

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

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

Field Filtered
Lab Filtered

Comments:

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

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N
Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company — Date/Time: 11/27/24	1. Samples Received by / Company — Date/Time: 11/27/24 11:49 14.6	2. Samples Relinquished by / Company — Date/Time: 11/27/24 17:45
2. Samples Received by / Company: Afraz Habib — Date/Time: 11/27/24 17:45	3. Samples Relinquished by / Company: Afraz Habib — Date/Time: 11/27/24 20:40	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: Mawa — Date/Time: 11/27/24 20:40 — Temperature: 3.8 Degrees C

Technical Report

prepared for:

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

Report Date: 12/10/2024
Client Project ID: 380 Rockaway TPKE Cedarhurst, NY
York Project (SDG) No.: 24K1983

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: 12/10/2024
Client Project ID: 380 Rockaway TPKE Cedarhurst, NY
York Project (SDG) No.: 24K1983

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 November 27, 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
24K1983-01	Effluent Vent	Vapor Extraction	11/27/2024	11/27/2024

General Notes for York Project (SDG) No.: 24K1983

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: 12/10/2024

Sample Information

Client Sample ID: **Effluent Vent** **York Sample ID:** **24K1983-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1983	380 Rockaway TPKE Cedarhurst, NY	Vapor Extraction	November 27, 2024 11:00 am	11/27/2024

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	10	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	10	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	5.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-35-4	**1,1-Dichloroethylene**	**3.5**		ug/m³	1.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
120-82-1	**1,2,4-Trichlorobenzene**	**24**		ug/m³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	11	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	8.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	5.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	6.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	10	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
106-99-0	1,3-Butadiene	ND		ug/m³	9.7	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	8.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	6.7	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR

Sample Information

Client Sample ID: **Effluent Vent** **York Sample ID:** **24K1983-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1983	380 Rockaway TPKE Cedarhurst, NY	Vapor Extraction	November 27, 2024 11:00 am	11/27/2024

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	8.8	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
123-91-1	1,4-Dioxane	ND		ug/m³	11	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
540-84-1	* 2,2,4-Trimethylpentane	ND		ug/m³	3.4	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
78-93-3	2-Butanone	ND		ug/m³	4.3	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
591-78-6	* 2-Hexanone	ND		ug/m³	12	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
107-05-1	3-Chloropropene	ND		ug/m³	23	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.0	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
67-64-1	**Acetone**	**35**		ug/m³	28	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
107-13-1	Acrylonitrile	ND		ug/m³	41	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
71-43-2	Benzene	ND		ug/m³	4.7	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
100-44-7	Benzyl chloride	ND		ug/m³	7.6	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
75-27-4	Bromodichloromethane	ND		ug/m³	9.8	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
75-25-2	Bromoform	ND	TO-CCV	ug/m³	15	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
74-83-9	Bromomethane	ND		ug/m³	5.7	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
75-15-0	Carbon disulfide	ND		ug/m³	4.5	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	2.3	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
108-90-7	Chlorobenzene	ND		ug/m³	6.7	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
75-00-3	Chloroethane	ND		ug/m³	3.9	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR
67-66-3	Chloroform	ND		ug/m³	7.1	14.6	EPA TO-15 Certifications:	12/09/2024 15:41 NELAC-NY12058,NJDEP-NY037	12/09/2024 21:26	YR

Sample Information

Client Sample ID: **Effluent Vent** **York Sample ID:** **24K1983-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1983	380 Rockaway TPKE Cedarhurst, NY	Vapor Extraction	November 27, 2024 11:00 am	11/27/2024

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	3.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
156-59-2	**cis-1,2-Dichloroethylene**	**1500**		ug/m³	1.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	6.6	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
110-82-7	Cyclohexane	ND		ug/m³	5.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
124-48-1	Dibromochloromethane	ND		ug/m³	12	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	7.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
141-78-6	* Ethyl acetate	ND		ug/m³	11	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
100-41-4	Ethyl Benzene	ND		ug/m³	6.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	16	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
67-63-0	**Isopropanol**	**55**		ug/m³	22	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	6.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-09-2	Methylene chloride	ND		ug/m³	30	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
91-20-3	* **Naphthalene**	**28**		ug/m³	15	14.6	EPA TO-15 Certifications: NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
142-82-5	n-Heptane	ND		ug/m³	6.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
110-54-3	n-Hexane	ND		ug/m³	5.1	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
95-47-6	o-Xylene	ND		ug/m³	6.3	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	13	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	7.2	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR

Sample Information

Client Sample ID: **Effluent Vent** **York Sample ID:** **24K1983-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K1983	380 Rockaway TPKE Cedarhurst, NY	Vapor Extraction	November 27, 2024 11:00 am	11/27/2024

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	2.5	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
100-42-5	Styrene	ND		ug/m³	6.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
127-18-4	**Tetrachloroethylene**	**6000**		ug/m³	20	29.2	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 22:18	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	8.6	14.6	EPA TO-15 Certifications:	12/09/2024 15:41	12/09/2024 21:26	YR
108-88-3	Toluene	ND		ug/m³	5.5	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
156-60-5	**trans-1,2-Dichloroethylene**	**20**		ug/m³	5.8	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	6.6	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
79-01-6	**Trichloroethylene**	**1300**		ug/m³	2.0	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	8.2	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
108-05-4	Vinyl acetate	ND	TO-LCS-L, ICVE	ug/m³	5.1	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
593-60-2	Vinyl bromide	ND		ug/m³	6.4	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR
75-01-4	Vinyl Chloride	ND		ug/m³	1.9	14.6	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	12/09/2024 15:41	12/09/2024 21:26	YR

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% 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

YORK Project No. 24K1983

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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Tyll Engineering	Company:	Company:		RUSH - Next Day
Address:	Address: SAME	Address: SAME		RUSH - Two Day
Phone.:	Phone.:	Phone.:	YOUR Project Name: 380 Rockaway TPke Cedarhurst, NY	RUSH - Three Day
Contact: Karen Tyll	Contact:	Contact:		RUSH - Four Day
E-mail:	E-mail:	E-mail:		Standard (5-7 Day) X
			YOUR PO#:	

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) Carla DeWinder

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
AS - Soil Vapor/Sub-Slab	Other	Other:			

Certified Canisters: Batch ___ Individual ✓

Please enter the following REQUIRED Field Data | **Reporting Units:** ug/m³ ___ 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	11/27/24 11AM	AE			4936		TO-15

Comments:

Detection Limits Required	Sampling Media
≤ 1 ug/m³ ____ NYSDEC V1 Limits ____	6 Liter Canister
Routine Survey ____ Other ____	Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	11/27/24				
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**
				11/27/24	11:49

APPENDIX C

Monthly Reports

from

4th Quarter

2024

November 8, 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 October 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the October 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 October 2024. See below.

Actions taken during the reporting period are as follows:

- On October 31, 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	399.5	0.0
South Leg	415.3	0.0
Effluent	765.2	0.0

Weather: Sunny 69°F

Date/Time of Inspection: 10/31/24

Printed Name of Person Performing Inspection: Cayla Quinn

Signature of Person Performing Inspection:

December 3, 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 November 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the November 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 November 2024. See below.

Actions taken during the reporting period are as follows:

- On November 27, 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 & Shiraz Sanjana (Owner)
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	892.8	0.0
South Leg	1,160	0.0
Effluent	1,683	0.0

Weather: Sunny 69° F

Printed Name of Person Performing Inspection: Carlos Cuevas

Date/Time of Inspection: 11/27/24 11AM

Signature of Person Performing Inspection:

January 9, 2025

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 December 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site #: 130198

Dear Ms. Lozewski

The following is the December 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 December 2024. See below.

Actions taken during the reporting period are as follows:

- On December 31, 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 & Shiraz Sanjana (Owner)
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	907.7	0.0
South Leg	1,252	0.0
Effluent	1,700	0.0

Weather: Sunny 37°F

Printed Name of Person Performing Inspection: Carlos Quiroz

Date/Time of Inspection: 12/31/2024

Signature of Person Performing Inspection:

APPENDIX D

Quarterly Field Sampling Record

SSDS Effluent

QUARTERLY FIELD SAMPLING RECORD
SSDS EFFLUENT

Date: 11/27/24

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: 41936

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	11/27/24	11:00 AM	-30
Final Canister Vacuum	11/27/24	11:03 AM	-1

Weather or Ambient Conditions: _____

PID at Location: _____

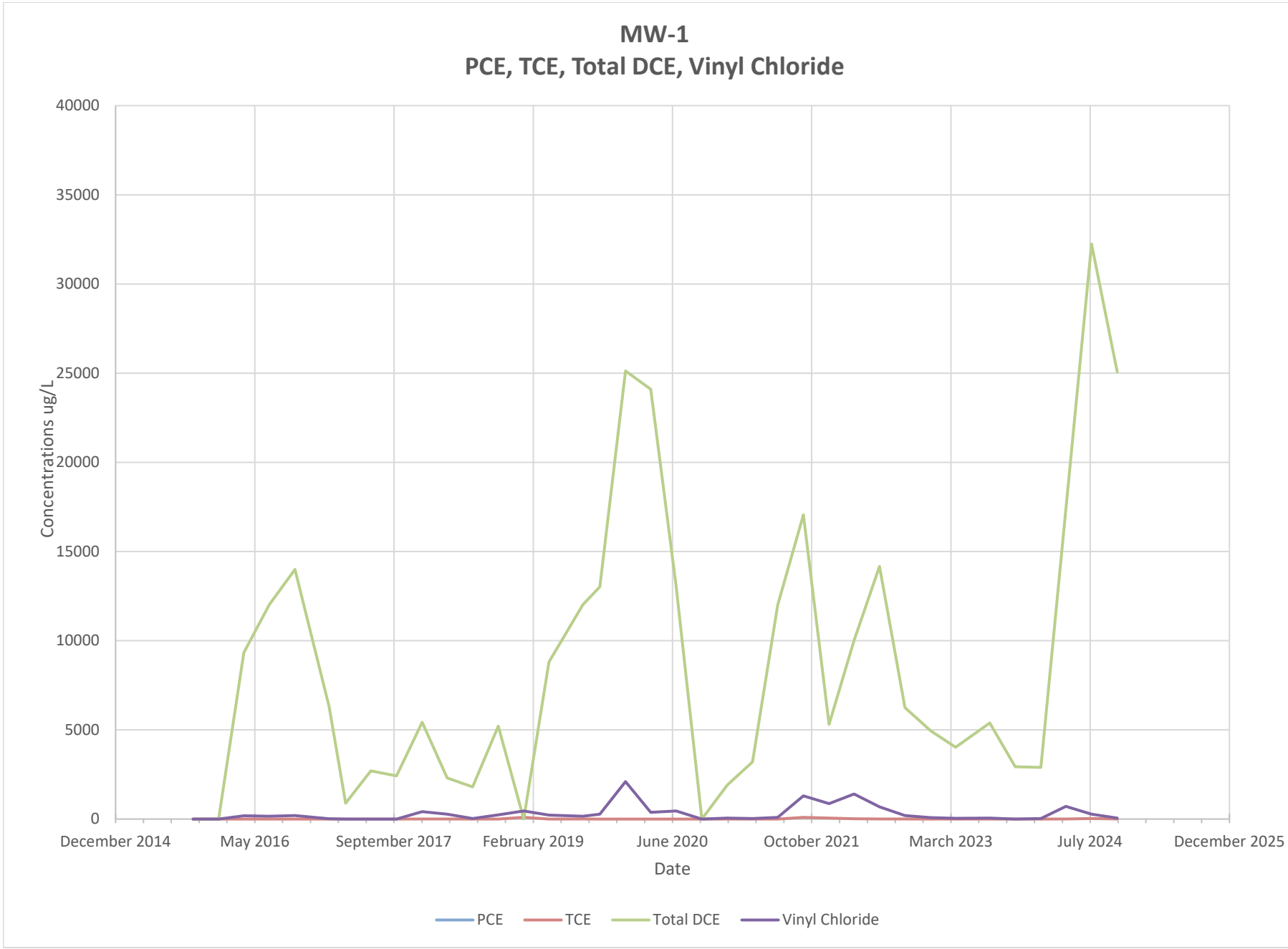
Comments: _____

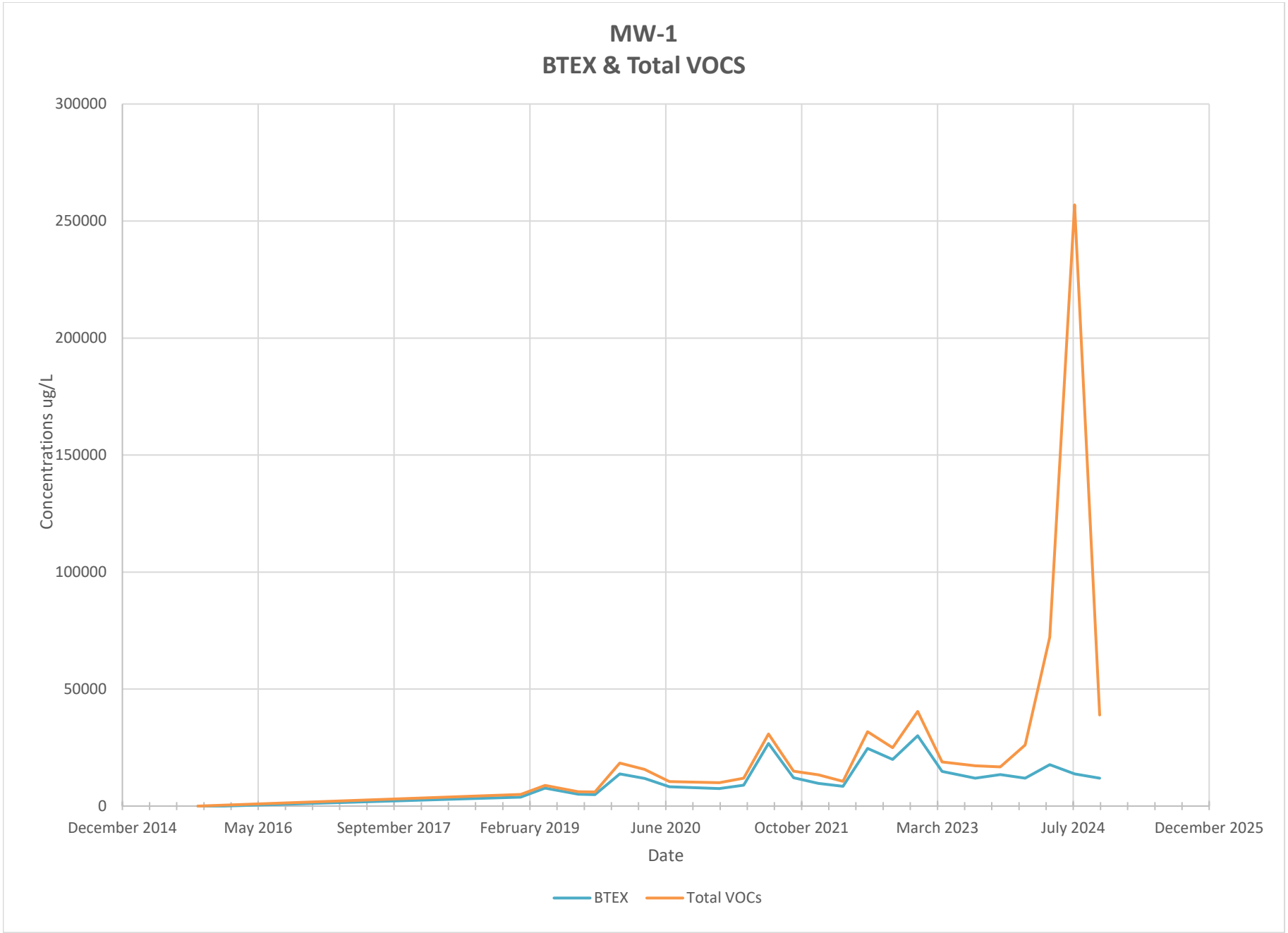
APPENDIX E

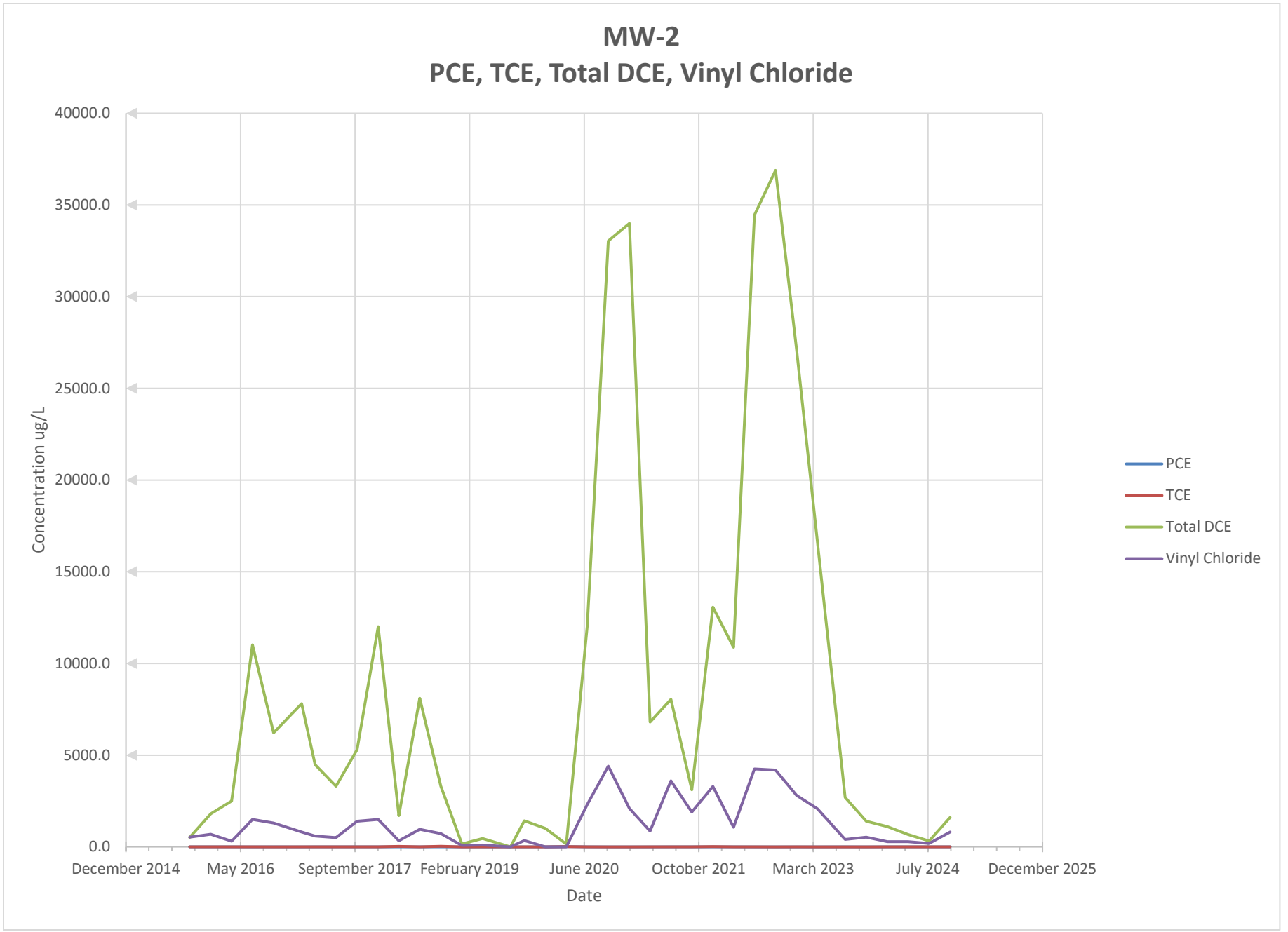
Historic Graphs

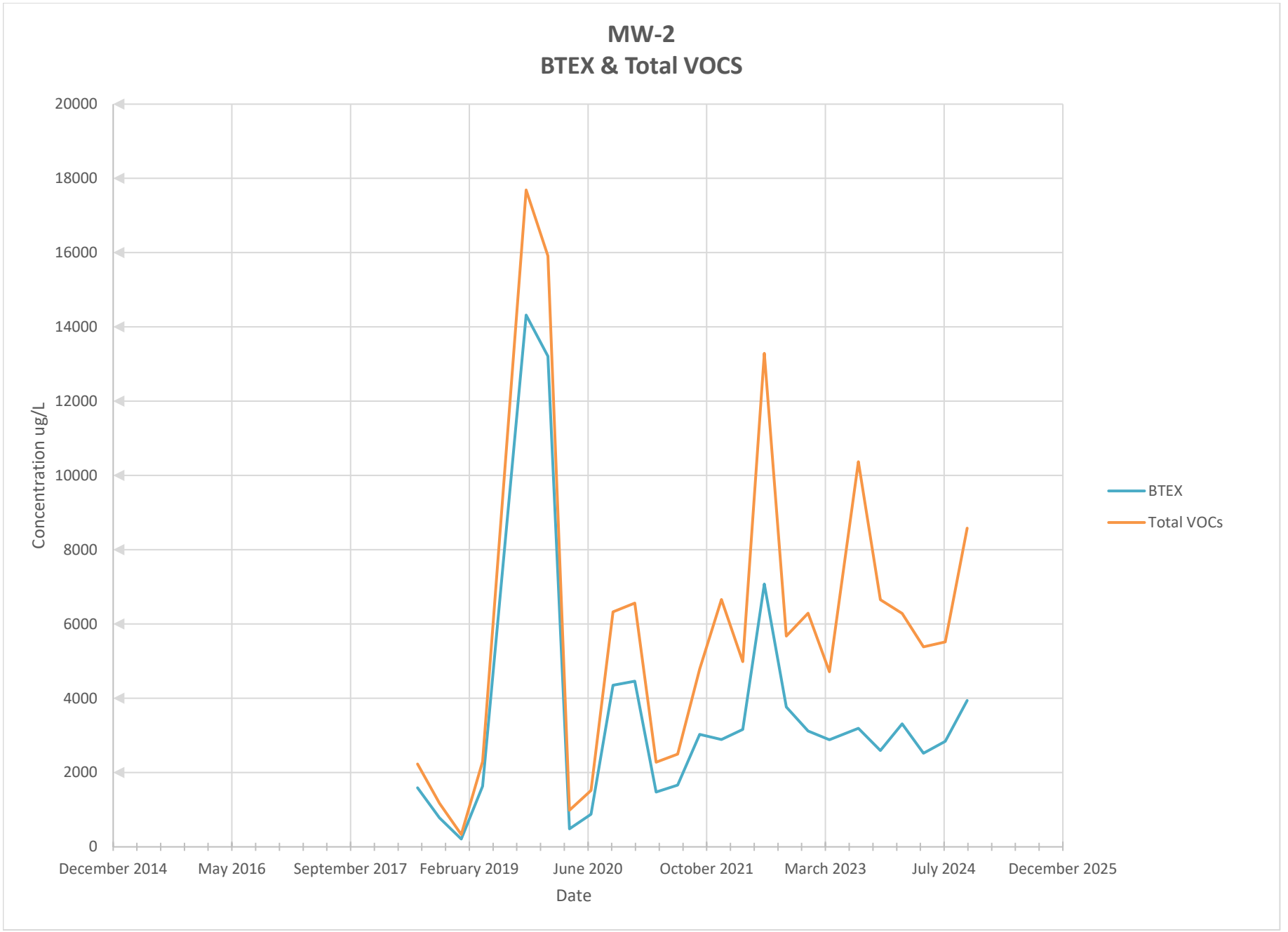
of Monitoring Well

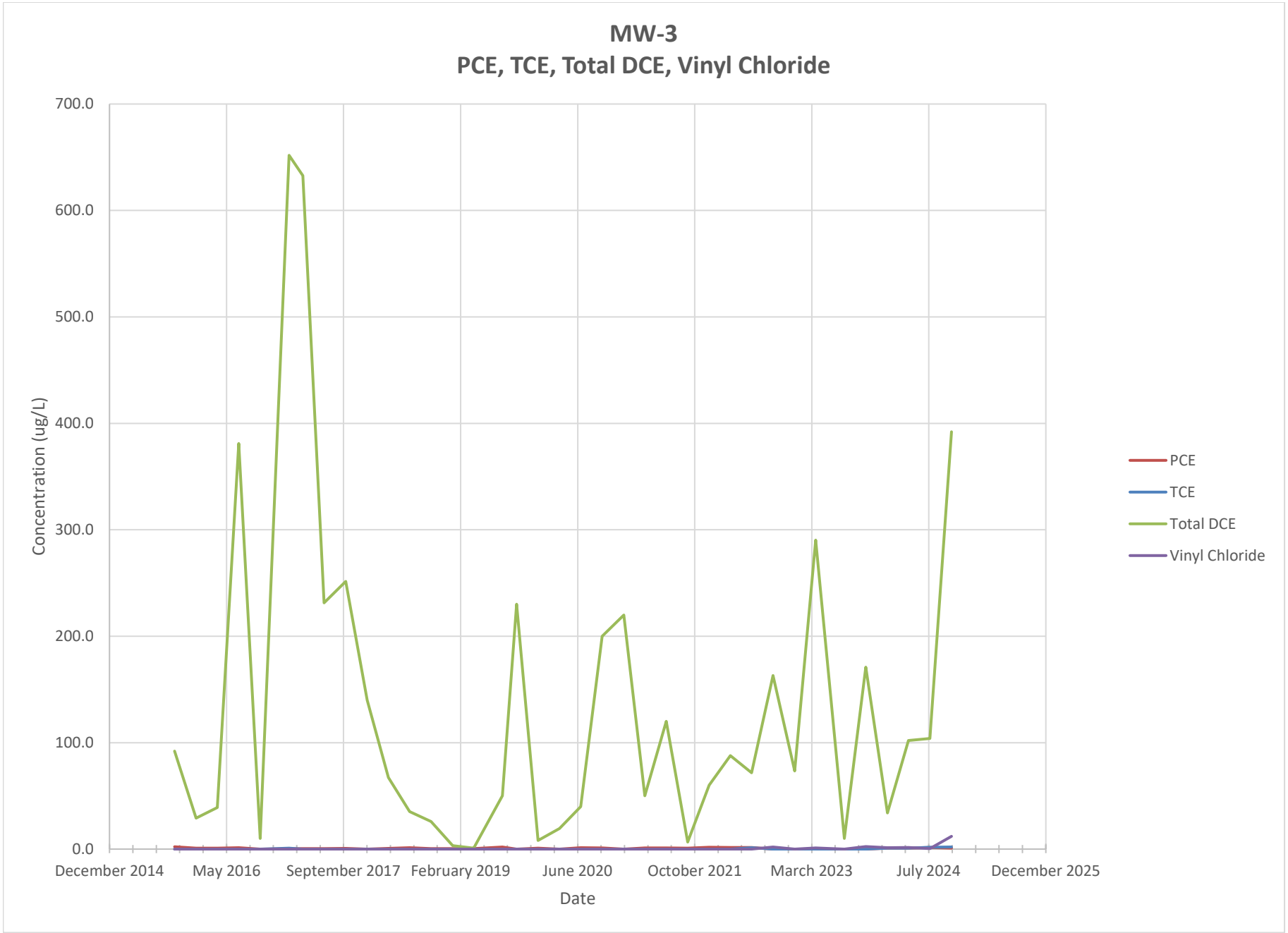
Concentrations

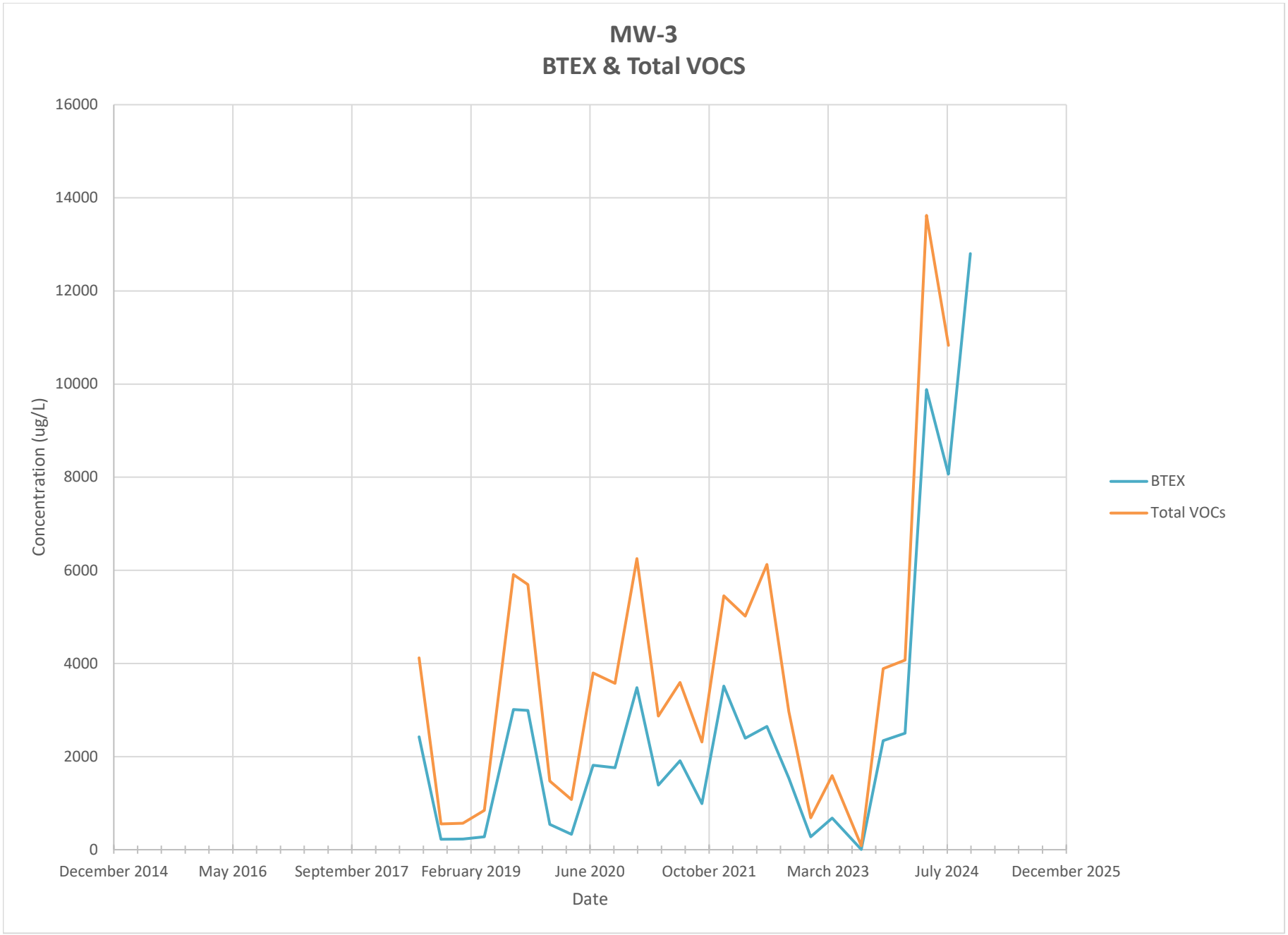

MW-1
PCE, TCE, Total DCE, Vinyl Chloride
40000
35000
30000
25000
20000
15000
10000
5000
0
Concentrations ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride

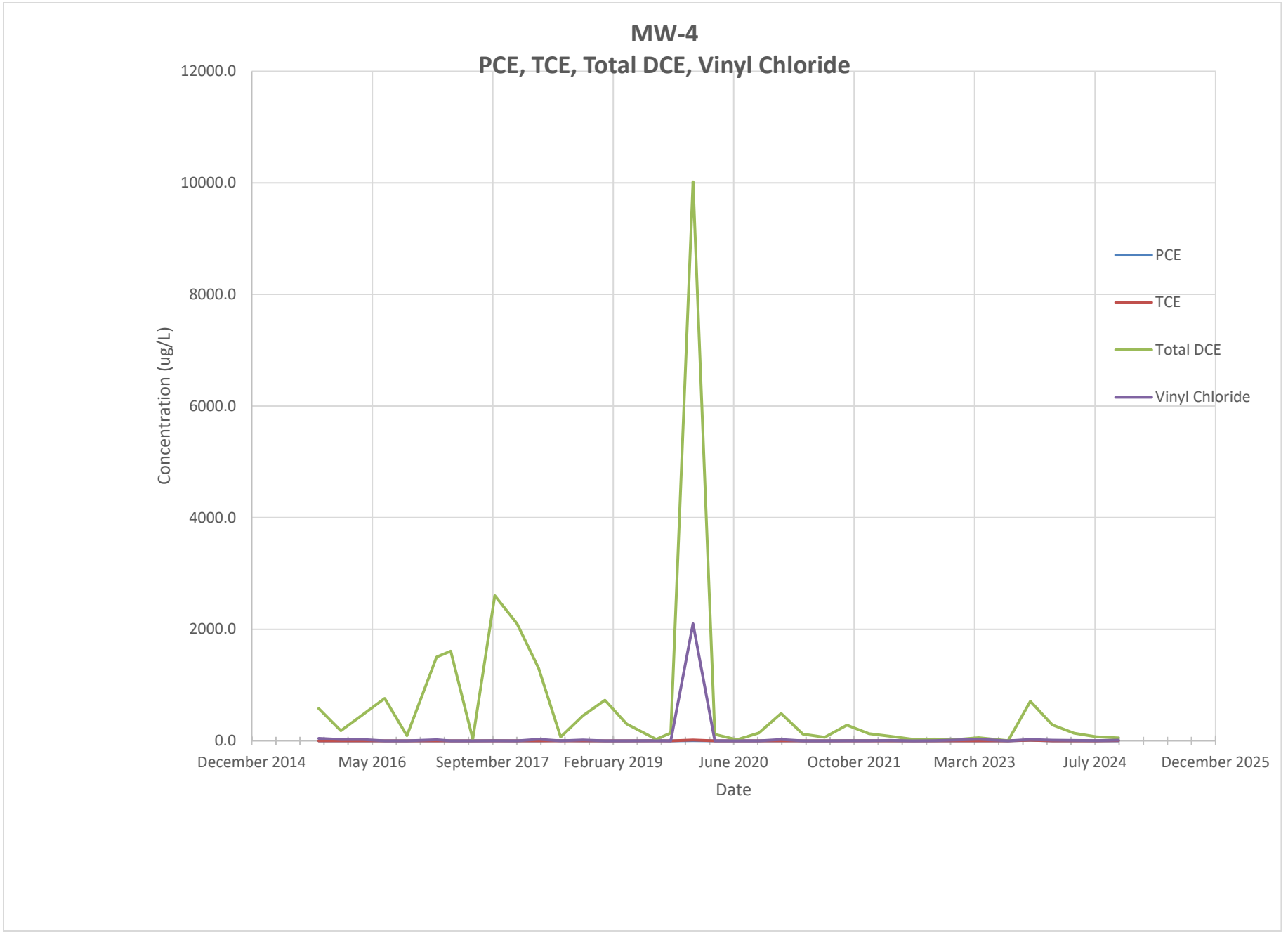

MW-1
BTEX & Total VOCS
300000
250000
200000
150000
100000
50000
0
Concentrations ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
BTEX
Total VOCs

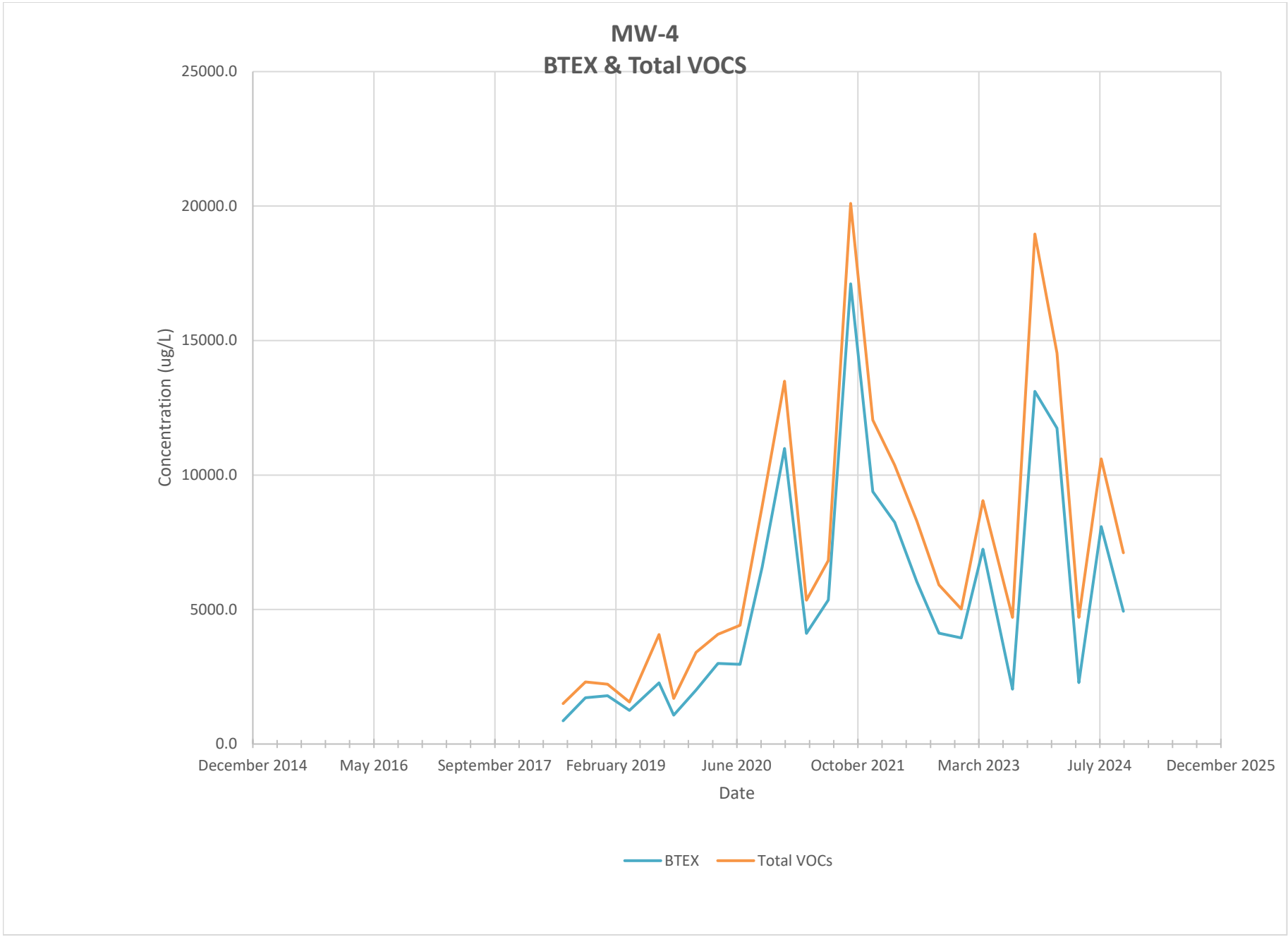

MW-2
PCE, TCE, Total DCE, Vinyl Chloride
40000.0
35000.0
30000.0
25000.0
20000.0
15000.0
10000.0
5000.0
0.0
Concentration ug/L
December 2014
May 2016
September 2017
February 2019
June 2020
October 2021
March 2023
July 2024
December 2025
Date
PCE
TCE
Total DCE
Vinyl Chloride


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