TYLL ENGINEERING & CONSULTING PC

April 30, 2024

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

Re: **Quarterly Sampling Report - 1Q 2024 rev1**
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 first Quarter of 2024. Quarterly sampling activities that were conducted on February 26, 2024, and included monitoring well gauging, monitoring well sampling, and SSDS effluent sampling.

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

Quarterly Reporting Summary

Reporting Period: 1st Quarter of 2024 (January, February & March 2024)

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

Monitoring Performed this Quarter:
January 31, 2024 – Monthly SSDS monitoring
February 26 , 2024 – Monthly SSDS monitoring and
- Quarterly monitoring well gauging and sampling.
- Quarterly SSDS effluent sampling.

March 29, 2024 - – Monthly SSDS monitoring.

GROUNDWATER

Monitoring Program Summary – Groundwater

No. of Wells:	Four (4) on-site monitoring wells (MW-1 to MW-4)
Gauging Frequency:	Quarterly, for all four (4) onsite monitoring wells
Sampling Frequency:	Quarterly, for all four (4) onsite monitoring wells
Reporting Frequency:	Quarterly
Groundwater Depth:	Approximately **5.30 to 10.75 feet below top of casing** (btoc)
GW Flow Direction:	**Northwesterly**, consistent with previous rounds

Monitoring Well Gauging

Depth to water readings were taken from the four (4) monitoring wells with an electronic interface probe prior to purging the wells for sampling. At the time of sampling, depth to groundwater was measured between 5.30 ft. and 10.75 ft. btoc. The depth to groundwater measurements and well top of casing elevations were used to determine the approximate groundwater flow direction (**Figure 2**). Historic groundwater elevations are illustrated on **Table 5**.

Groundwater Sampling

The 1st Quarter 2024 groundwater sampling event was performed on February 26, 2024. The groundwater samples were collected from MW-1, MW-2, MW-3, and MW-4 in accordance with the United States Environmental Protection Agency (USEPA) low-flow groundwater sampling procedures. 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 2** and to previous sampling events in **Table 3.**

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 2** and shown on the Spider tables on **Figure 4**.

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

- PCE and TCE was detected only in MW-1 with concentrations of 9.4 ug/L of PCE and 29 ug/L TCE in the well.
- cis-1,2 DCE was present in all MW samples, with concentrations ranging from 33 ug/L in MW-3 to 32,000 ug/L in MW-1.
- trans-1,2 DCE was detected in MW-1 at a concentration of 160 ug/L.
- VC was present in all MW samples, with concentrations ranging from 2,100 ug/L in MW-3 to 8,500 ug/L in MW-1.

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

SOIL VAPOR

Monitoring Program Summary – Soil Vapor

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

SSDS Monthly Measurements

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

SSDS Effluent Sampling

The 1st Quarter 2024 SSDS Effluent sampling event was initially performed on February 26, 2024 and then resampled on March 18, 2024 due to sample collection issues. The soil vapor sample was collected

in a 6 Liter Summa Canister from the sampling port on the SSDS on the roof and picked up by laboratory dispatched courier and delivered to York Environmental Laboratories (ELAP Certification Nos. 10854 and 12058) for analysis of VOCs via USEPA Method TO-15. The SSDS effluent collection procedure involved the connection from the SSDS sampling port to the summa can that used a grab regulator with clean 3/8" poly-tubing. The can was opened upon connection and the sample was collected over an approximate 1-3 minute interval (canister pressure from -30 to -10). The Quarterly Field Sampling Record SSDS Effluent Form is attached as **Appendix D**.

SSDS Effluent Sampling Results:

The results for this event documented sub-slab vapor readings for PCE at 74 ug/m^3; TCE at 38 ug/m^3; total DCE at 134.41 ug/m^3 and VC was 3.1 ug/m^3. Copies of the laboratory reports are attached as **Appendix B**. The laboratory results are summarized in **Table 3** and to previous 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 May 2024.

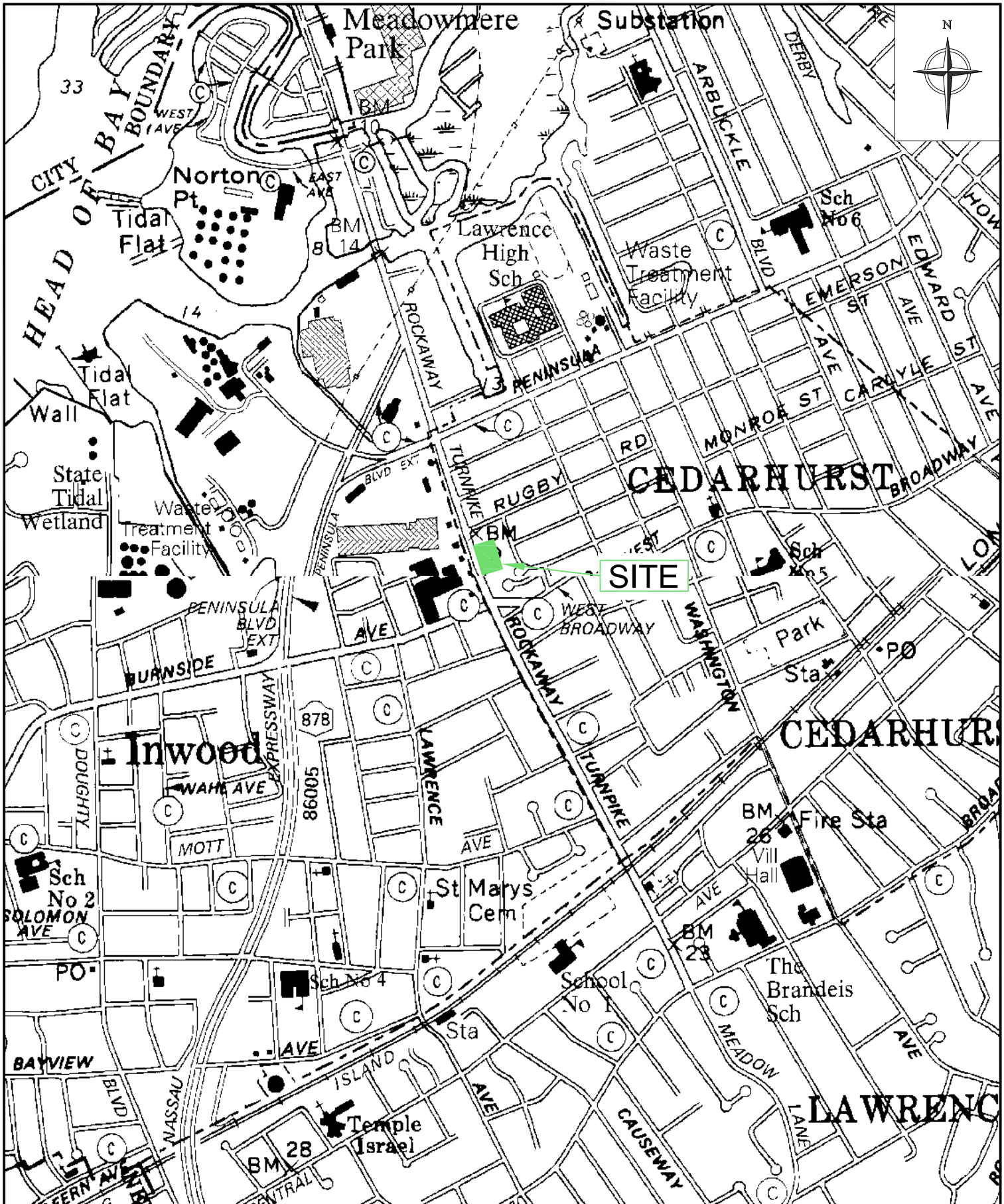
Sincerely,

TYLL ENGINEERING AND CONSULTING, PC

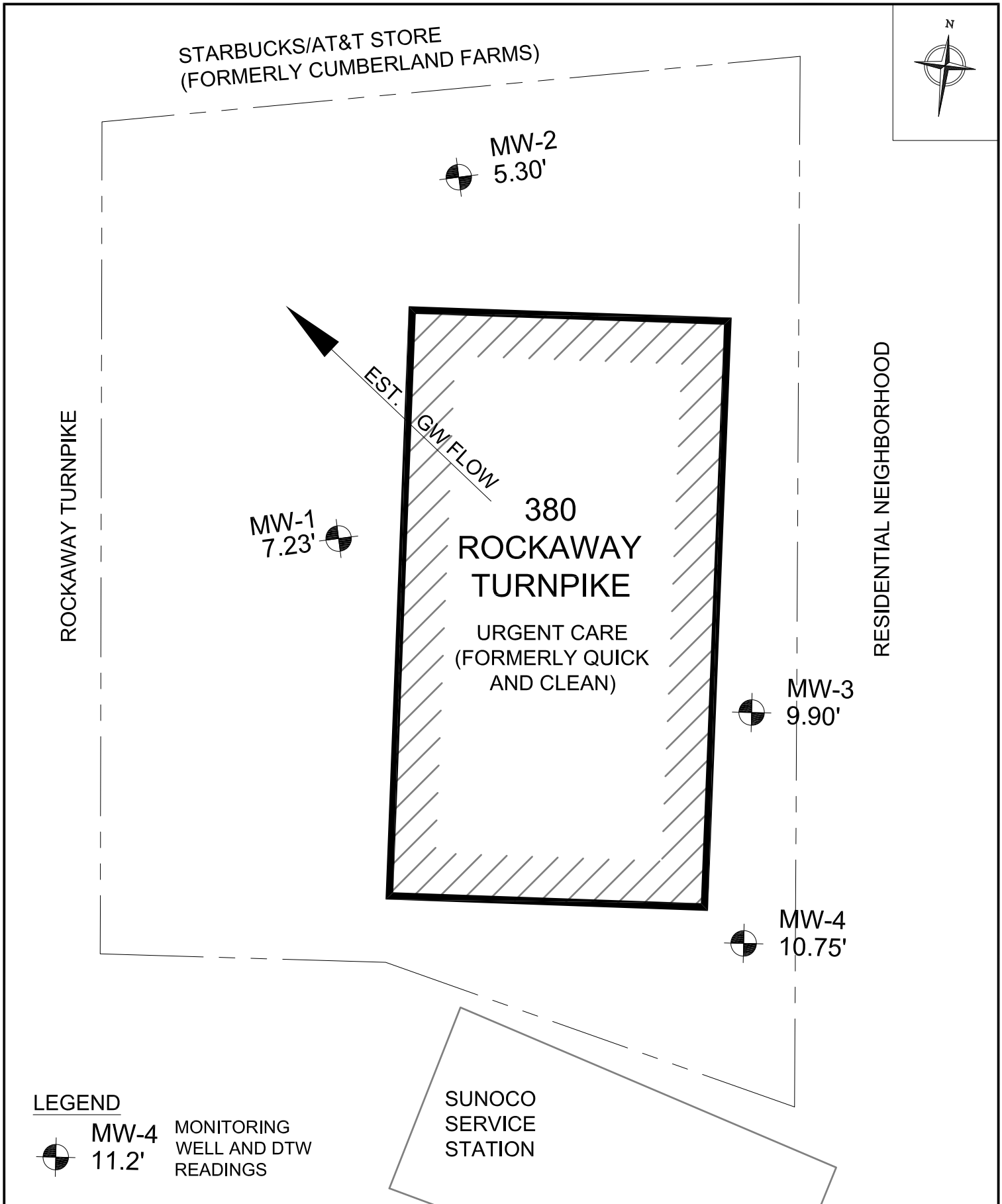
Karen Tyll, PE
President

CC Sam Aranbaev (Owner)
Wendy Kuehner (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:

TYLL ENGINEERING & CONSULTING PC

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

TITLE:

SITE PLAN - 1Q 2024

380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	04-11-24	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

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

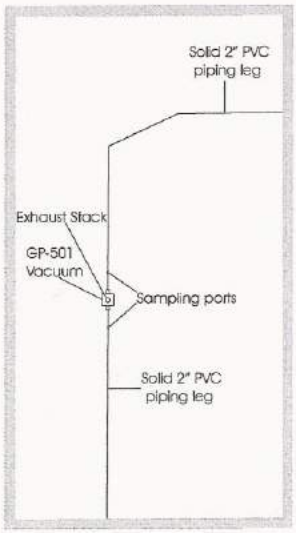
WAITING AREA

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'

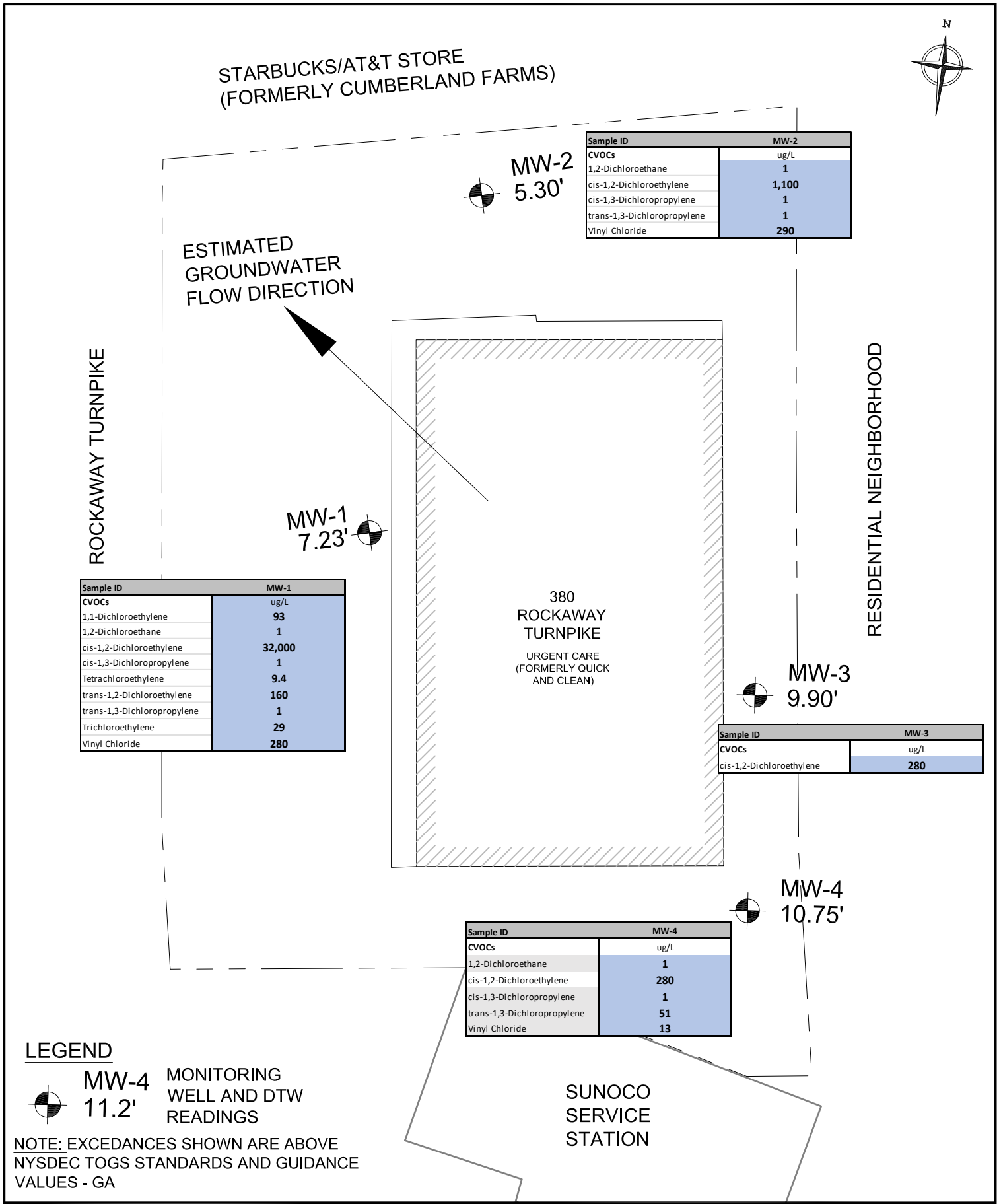
STATE OF NEW YORK
JOHN V. SODERBERG
49975
LICENSED PROFESSIONAL ENGINEER

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



Sample ID	MW-2
CVOCs	ug/L
1,2-Dichloroethane	1
cis-1,2-Dichloroethylene	1,100
cis-1,3-Dichloropropylene	1
trans-1,3-Dichloropropylene	1
Vinyl Chloride	290

Sample ID	MW-1
CVOCs	ug/L
1,1-Dichloroethylene	93
1,2-Dichloroethane	1
cis-1,2-Dichloroethylene	32,000
cis-1,3-Dichloropropylene	1
Tetrachloroethylene	9.4
trans-1,2-Dichloroethylene	160
trans-1,3-Dichloropropylene	1
Trichloroethylene	29
Vinyl Chloride	280

Sample ID	MW-3
CVOCs	ug/L
cis-1,2-Dichloroethylene	280

Sample ID	MW-4
CVOCs	ug/L
1,2-Dichloroethane	1
cis-1,2-Dichloroethylene	280
cis-1,3-Dichloropropylene	1
trans-1,3-Dichloropropylene	51
Vinyl Chloride	13

LEGEND

MW-4 11.2' MONITORING WELL AND DTW READINGS

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

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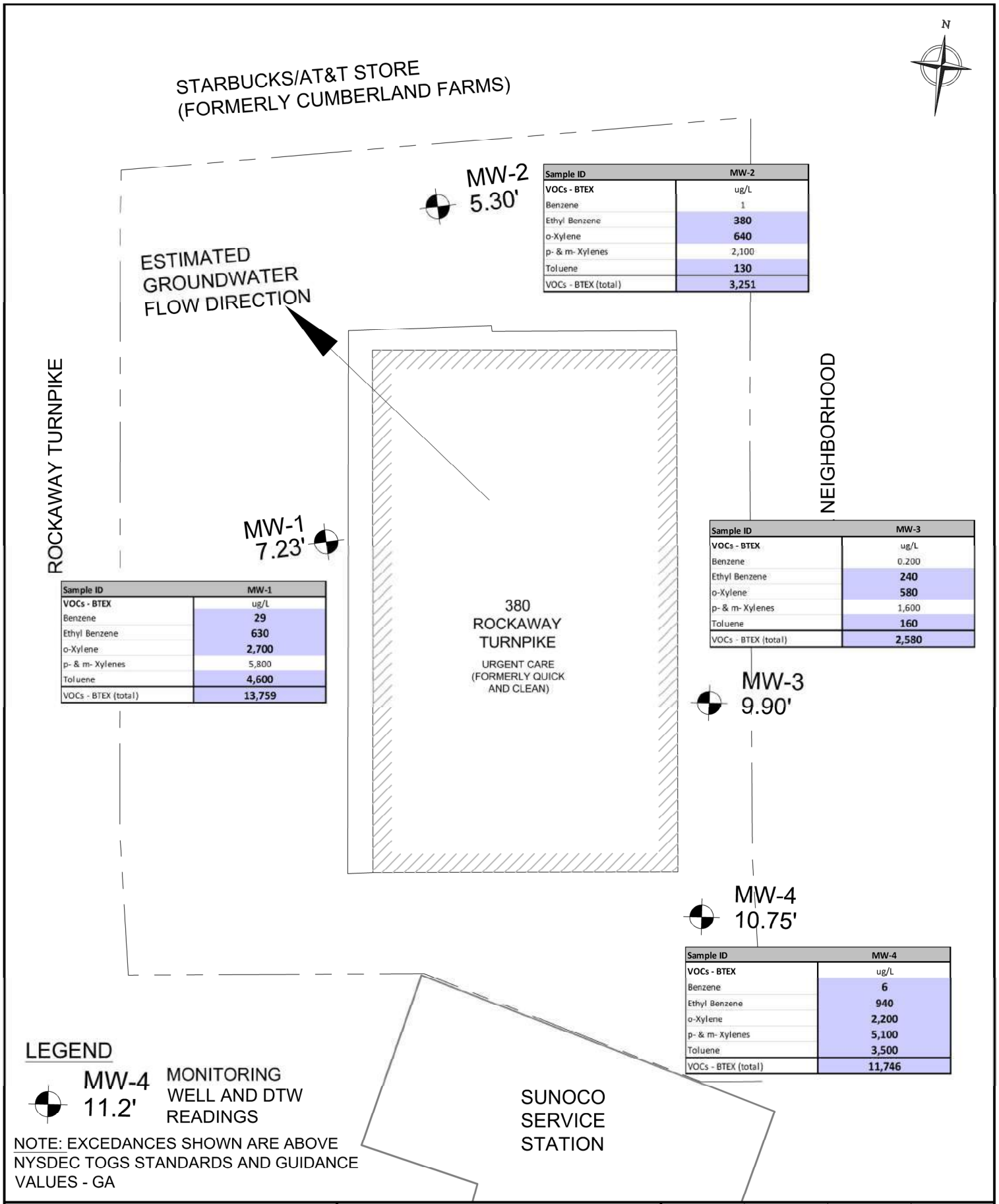
TITLE:
1Q 2024 EXCEEDANCES IN GROUNDWATER - CVOCS
380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	1" = 20'	4-30-24	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 4



Sample ID	MW-2
VOCs - BTEX	ug/L
Benzene	1
Ethyl Benzene	**380**
o-Xylene	**640**
p- & m- Xylenes	2,100
Toluene	**130**
VOCs - BTEX (total)	**3,251**

Sample ID	MW-1
VOCs - BTEX	ug/L
Benzene	**29**
Ethyl Benzene	**630**
o-Xylene	**2,700**
p- & m- Xylenes	5,800
Toluene	**4,600**
VOCs - BTEX (total)	**13,759**

Sample ID	MW-3
VOCs - BTEX	ug/L
Benzene	0.200
Ethyl Benzene	**240**
o-Xylene	**580**
p- & m- Xylenes	1,600
Toluene	**160**
VOCs - BTEX (total)	**2,580**

Sample ID	MW-4
VOCs - BTEX	ug/L
Benzene	**6**
Ethyl Benzene	**940**
o-Xylene	**2,200**
p- & m- Xylenes	**5,100**
Toluene	**3,500**
VOCs - BTEX (total)	**11,746**

PREPARED BY:

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TITLE:

1Q 2024 EXCEEDANCES IN GROUNDWATER - BTEX
380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:	SCALE:	DATE:	PROJECT NO.:
-	NTS	4-11-24	380R2301
CHKD:	APPD:	REV.:	NOTES:
KT	KT	-	-

FIGURE NO.: 5

TABLES

TABLE 1 - GROUNDWATER SAMPLING RESULTS
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 24B1604-01 2/26/2024 3:00:00 PM Ground Water		MW-2 24B1604-02 2/26/2024 3:00:00 PM Ground Water		MW-3 24B1604-03 2/26/2024 3:00:00 PM Ground Water		MW-4 24B1604-04 2/26/2024 3:00:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1000		50		25		50	
Benzene	1	**29**	D	1	U	0.200	U	**6.400**	D
cis-1,2-Dichloroethylene	5	**32,000**	DE	**1,100**	D	**33**		**280**	D
Ethyl Benzene	5	**630**	D	**380**	D	**240**	D	**940**	D
o-Xylene	5	**2,700**	D	**640**	D	**580**	D	**2,200**	D
p- & m- Xylenes	~	5,800	D	2,100	D	1,600	D	5,100	D
Tetrachloroethylene	5	**9.400**	D	1	U	0.890		1	U
Toluene	5	**4,600**	D	**130**	D	**160**	D	**3,500**	D
trans-1,2-Dichloroethylene	5	**160**	D	1.800	JD	0.200	U	1	U
Trichloroethylene	5	**29**	D	1	U	0.800		1.500	JD
Vinyl Chloride	2	**280**	D	**290**	D	1.400		**13**	D
Xylenes, Total	5	**8,500**	D	**2,800**	D	**2,100**	D	**7,300**	D
Total BTEX	16	**13,759**		**3,251**		**2,580**		**11,746**	
Total VOCs		46,237		4,645		2,616		12,043	

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
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
Bold and highlighted = over TOGS standards

TABLE 2 - HISTORIC GROUNDWATER SAMPLING RESULTS - 1Q 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	347,574	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	47,096.0	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

n/d = non-detect

shaded means that the result is above the guidance values

TABLE 3 - SSDS STACK EMISSIONS CONCENTRATIONS

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

Sample ID	**Effluent SSDS Pipe**	
York ID	**24C1171-01**	
Sampling Date	**3/18/2024 3:00:00 PM**	
Client Matrix	**Vapor Extraction**	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	14.19	
Benzene	0.7	U
cis-1,2-Dichloroethylene	**130.0**	D
Ethyl Benzene	0.9	U
o-Xylene	0.9	D
p- & m- Xylenes	1.7	D
Tetrachloroethylene	**74.0**	D
Toluene	2.1	D
trans-1,2-Dichloroethylene	2.6	D
Trichloroethylene	**38.0**	D
Vinyl Chloride	3.1	D

D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
Bold = above the NYSDOH SV 052017 Decision Matrices Minimum Concentrations

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

(ug/m3)	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	380	240.0	315.20	0.28
November 2023	160	110.0	247.00	1.8
February 2024	74	38.0	134.41	3.1

***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
April 2013	5.00	7	10.0	-
Oct 2015	7.68	5.93	10.28	11.22
Jan 2016	7.52	5.84	10.12	11.06
Apr 2016	6.87	5.72	10.24	11.15
Jul 2016	6.45	5.38	9.82	10.76
Oct 2016	6.56	5.44	9.89	10.82
Feb 2017	7.36	5.62	10.00	10.90
Apr 2017	7.07	5.36	9.63	10.5
Jul 2017	7.04	5.29	9.37	10.21
Oct 2017	7.78	6.52	9.26	10.04
Jan 2018	7.54	6.3	9.08	9.81
Apr 2018	6.52	5.12	9.33	10.26
Jul 2018	7.82	5.82	10.45	11.13
Oct 2018	7.11	5.34	9.81	10.55
Jan 2019	6.27	4.83	9.29	10.15
Apr 2019	7.17	5.36	9.81	10.65
Aug 2019	7.40	VEHICLE	10.02	10.93
September 2019	7.51	8.56	10.13	11.08
Oct 2019	7.40	5.65	10.01	10.94
Jan 2020	7.33	5.50	9.95	10.75
Apr 2020	Blocked	5.60	9.98	10.85
Jul 2020	7.56	5.75	10.25	11.11
Oct 2020	7.35	5.45	10.05	10.91
Jan 2021	7.23	5.40	9.87	11.70
April 2021	7.33	5.42	10.01	10.88
July 2022	7.94	5.99	10.60	11.50
October 2022	7.83	5.65	10.24	11.20
January 2023	7.82	5.87	10.48	11.40
April 2023	7.82	5.89	10.47	11.36
August 2023	7.60	5.60	10.30	11.20
November 2023	7.62	5.62	10.52	11.10
February 2024	7.25	5.30	9.90	10.75

APPENDIX A

Groundwater Sampling Log Forms

Monitoring Well Sampling Log

Site #: 130198
Site Location: 380 Rockaway Turnpike, Cedarhurst
Date: 2-26-24
Personnel: BSM & Gabriel

Well ID: MW-1
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 11.00
Depth to Water (btoc): [redacted] 7.23
Tubing Type: Poly
Sample Pump: Peristaltic
Monitoring Equipment: Interface
Screen Setting (ft btoc):
Tubing Intake (ft btoc): 9.00
Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 3.6
1 Volume (gal.):
Purge Device/Tubing:
Start Purge Time: 10:40
Stop Purge Time: 10:55
Total Volume Removed (gal.): 2.8
SHOULD BE 40 MINUTES MINIMUM

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

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
10:40 am	7.23		7.74	0.440	43.6	13.68	12.92	-47		
10:45 am	7.23		6.17	0.503	20.4	2.98	12.74	-66		
10:50 am	7.23		5.82	0.503	17.4	2.09	12.71	-66		
10:55	7.23		5.59	0.503	14.3	1.58	12.74	-64		

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
10:40 am	7.23		7.74	0.440	43.6	13.68	12.92	-47	
10:45 am	7.23		6.17	0.503	20.4	2.98	12.74	-66	
10:50 am	7.23		5.82	0.503	17.4	2.09	12.71	-66	
10:55 am	7.23		5.59	0.503	14.3	1.58	12.74	-64	
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: 2-26-24
Personnel: DSA & Gabriel

Well ID: MW-2
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 10.6
Depth to Water (btoc): 5.30

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

Well Condition:

Well Purging Information:

Water Column Length (ft): 5
1 Volume (gal.):
Purge Device/Tubing:

Start Purge Time: 12:40
Stop Purge Time: 12:55
Total Volume Removed (gal.): 3

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
12:40 pm	5.30		6.35	0.151	4.2	3.40	11.45	-59		
12:45	5.30		6.33	0.148	3.5	0.20	11.09	-73		
12:50	5.30		6.40	0.147	3.3	0.00	10.90	-81		
12:55	5.40		6.39	0.145	0.6	0.00	10.86	-84		

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
12:40 PM	5:30		6.35	0.151	4.2	3.40	11.45	-59	
12:45	5:30		6.33	0.148	3.5	0.20	11.09	-73	
12:50	5:30		6.40	0.147	3.3	0.00	10.90	-81	
12:55	5:40		6.34	0.145	0.6	0.00	10.86	-84	
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	milisiemons per centimeter				

Monitoring Well Sampling Log

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

Date: 2-26-24
Personnel: DSgn & Gabriel

Well ID: MW-3
Casing Type: PVC
Measuring Point: top of casing
Well Diameter (inches): 2"
Well Total Depth (ft btoc): 12.40
Depth to Water (btoc): 9.90

Tubing Type: Poly
Sample Pump: Peristaltic
Monitoring Equipment: Interface
Screen Setting (ft btoc):
Tubing Intake (ft btoc): -11.00
Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 2.7
1 Volume (gal.):
Purge Device/Tubing:

Start Purge Time: 13.10
Stop Purge Time: 13.25
Total Volume Removed (gal.): 3

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
13:10 PM	9.90		6.63	0.298	5.4	6.50	12.25	-46		
13:15 PM	9.95		6.54	0.333	5.3	0.67	12.39	-70		
13:20.	9.95		6.62	0.357	4.4	0.31	12.40	-87		
13:25	9.95		6.66	0.365	4.2	0.58	12.42	-99		

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
13:10 PM	9.90		6.63	0.298	5.4	6.50	12.25	-46	
13:15	9.95		6.54	0.333	5.3	0.67	12.39	-70	
13:20	9.95		6.62	0.357	4.4	0.31	12.40	-87	
13:25	9.95		6.66	0.365	4.2	0.58	12.42	-99	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is <50 ntus	±10% or <0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: Sample Analyses: TCL VOCs

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

Monitoring Well Sampling Log

Site #: 130198 — Date: 2.26.24

Site Location: 380 Rockaway Turnpike, Cedarhurst — Personnel: JCm & Gabriel

Well ID:	MW-4	Tubing Type:	Poly
Casing Type:	PVC	Sample Pump:	Peristaltic
Measuring Point:	top of casing	Monitoring Equipment:	Interface
Well Diameter (inches):	2"	Screen Setting (ft btoc):	
Well Total Depth (ft btoc):	15.5	Tubing Intake (ft btoc):	13
Depth to Water (btoc):	10.75	Comments:	

Well Condition:

Well Purging Information:

Water Column Length (ft):	4.7	Start Purge Time:	13.40
1 Volume (gal.):		Stop Purge Time:	13.55
Purge Device/Tubing:		Total Volume Removed (gal):	3

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
13:40 PM	10.75		7.07	0.338	7.0	6.37	11.87	-122		
13.45	10.80		6.98	0.342	6.4	5.58	11.94	-130		
13.50	10.80		6.85	0.398	7.3	4.56	12.10	-142		
13.55	10.80		6.89	0.420	3.3	4.11	12.16	-152		

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
13:40 PM	10.75		7.07	0.338	7.0	6.37	11.87	-122	
13:45	10.80		6.98	0.342	6.4	5.58	11.94	-130	
13:50	10.80		6.85	0.398	7.3	4.56	12.10	-142	
13:55	10.80		6.89	0.420	3.3	4.11	12.16	-152	
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

GW Monitoring Wells

Technical Report

prepared for:

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

Report Date: 05/03/2024
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 24B1604

Revision No. 1.0

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: 05/03/2024
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 24B1604

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 February 28, 2024 and listed below. The project was identified as your project: **380 Rockaway Turnpike Cedarhurst, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24B1604-01	MW-1	Ground Water	02/26/2024	02/28/2024
24B1604-02	MW-2	Ground Water	02/26/2024	02/28/2024
24B1604-03	MW-3	Ground Water	02/26/2024	02/28/2024
24B1604-04	MW-4	Ground Water	02/26/2024	02/28/2024

General Notes for York Project (SDG) No.: 24B1604

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: 05/03/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24B1604-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
75-35-4	**1,1-Dichloroethylene**	**93**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:02	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:02	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:02	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:02	PD
95-63-6	**1,2,4-Trimethylbenzene**	**1400**		ug/L	20	50	100	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:23	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/L	20	50	100	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24B1604-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	**Acetone**	**11**	ICVE	ug/L	5.0	10	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**29**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	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:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:02	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24B1604-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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**	**32000**	E, E-dil	ug/L	20	50	100	EPA 8260D	03/01/2024 08:00	03/01/2024 18:23	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	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	**Cyclohexane**	**51**	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	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	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**630**		ug/L	20	50	100	EPA 8260D	03/01/2024 08:00	03/01/2024 18:23	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	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**67**		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	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	02/29/2024 14:00	03/01/2024 01:02	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	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**43**	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	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	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**210**	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**140**		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**2700**		ug/L	20	50	100	EPA 8260D	03/01/2024 08:00	03/01/2024 18:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**5800**		ug/L	50	100	100	EPA 8260D	03/01/2024 08:00	03/01/2024 18:23	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**17**		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	**Styrene**	**47**		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:02	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **24B1604-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:02	PD
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
127-18-4	**Tetrachloroethylene**	**9.4**	ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:02	PD
108-88-3	**Toluene**	**4600**		ug/L	20	50	100	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:23	PD
156-60-5	**trans-1,2-Dichloroethylene**	**160**		ug/L	20	50	100	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:23	PD
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
79-01-6	**Trichloroethylene**	**29**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:02	PD
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:02	PD
75-01-4	**Vinyl Chloride**	**280**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:02	PD
1330-20-7	**Xylenes, Total**	**8500**		ug/L	60	150	100	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:23	PD

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*81.9 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*		*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*184 %*	S-04, S-08	*79-122*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **24B1604-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:** **24B1604-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
75-35-4	**1,1-Dichloroethylene**	**3.6**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:30	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:30	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:30	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:30	PD
95-63-6	**1,2,4-Trimethylbenzene**	**860**		ug/L	5.0	12	25	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 18:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
108-67-8	**1,3,5-Trimethylbenzene**	**200**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:30	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24B1604-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**5.8**	J, ICVE	ug/L	5.0	10	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 01:30	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**1100**		ug/L	5.0	12	25	EPA 8260D	03/01/2024 08:00	03/01/2024 18:50	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24B1604-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**35**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	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:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**380**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	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:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**35**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	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:	02/29/2024 14:00	03/01/2024 01:30	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:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	**Methylcyclohexane**	**23**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	**n-Butylbenzene**	**140**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
103-65-1	**n-Propylbenzene**	**62**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**640**		ug/L	5.0	12	25	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 18:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**2100**		ug/L	12	25	25	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 18:50	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	**p-Isopropyltoluene**	**5.6**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
135-98-8	**sec-Butylbenzene**	**3.8**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	**Styrene**	**17**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:30	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:	02/29/2024 14:00	03/01/2024 01:30	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 24B1604-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
108-88-3	**Toluene**	**130**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
156-60-5	**trans-1,2-Dichloroethylene**	**1.8**	J	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
75-01-4	**Vinyl Chloride**	**290**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:30	PD
1330-20-7	**Xylenes, Total**	**2800**		ug/L	15	38	25	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 18:50	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*83.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24B1604-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24B1604-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-35-4	**1,1-Dichloroethylene**	**0.45**	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD
95-63-6	**1,2,4-Trimethylbenzene**	**870**		ug/L	5.0	12	25	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
108-67-8	**1,3,5-Trimethylbenzene**	**200**		ug/L	5.0	12	25	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 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:	02/29/2024 14:00	03/01/2024 01:58 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	PD

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24B1604-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
67-64-1	**Acetone**	**1.8**	ICVE, J	ug/L	1.0	2.0	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:58	PD
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 01:58	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
75-25-2	Bromoform	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
56-23-5	Carbon tetrachloride	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD
156-59-2	**cis-1,2-Dichloroethylene**	**33**		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 01:58	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 01:58	PD

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **24B1604-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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**	**51**	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	**Ethyl Benzene**	**240**		ug/L	5.0	12	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	**Isopropylbenzene**	**44**		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**36**	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	**n-Butylbenzene**	**100**	CCVE, E	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
103-65-1	**n-Propylbenzene**	**85**		ug/L	5.0	12	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
95-47-6	**o-Xylene**	**580**		ug/L	5.0	12	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	**p- & m- Xylenes**	**1600**		ug/L	12	25	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	**p-Isopropyltoluene**	**3.8**		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	**sec-Butylbenzene**	**5.6**		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	**Styrene**	**10**		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	**tert-Butylbenzene**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 24B1604-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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**	**0.89**	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
108-88-3	**Toluene**	**160**		ug/L	5.0	12	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**0.80**		ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**1.4**	CCVE	ug/L	0.20	0.50	1	EPA 8260D	02/29/2024 14:00	03/01/2024 01:58	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**2100**		ug/L	15	38	25	EPA 8260D	03/01/2024 08:00	03/01/2024 19:16	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*	*81.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*	*79-122*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24B1604-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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	02/29/2024 14:00	03/01/2024 02:26	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	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24B1604-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
75-35-4	**1,1-Dichloroethylene**	**3.0**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 02:26	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 02:26	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 02:26	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 02:26	PD
95-63-6	**1,2,4-Trimethylbenzene**	**1300**		ug/L	10	25	50	EPA 8260D Certifications:	03/01/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 19:42	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
108-67-8	**1,3,5-Trimethylbenzene**	**340**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	03/01/2024 02:26	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD
123-91-1	1,4-Dioxane	ND		ug/L	200	200	5	EPA 8260D Certifications:	02/29/2024 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	03/01/2024 02:26	PD
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	03/01/2024 02:26	PD

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **24B1604-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	ICVE	ug/L	5.0	10	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	**Benzene**	**6.4**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**280**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD 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 Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**93**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24B1604-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	**Ethyl Benzene**	**940**		ug/L	10	25	50	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 19:42	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:	02/29/2024 14:00	03/01/2024 02:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	**Isopropylbenzene**	**54**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	**Methylcyclohexane**	**60**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	**n-Butylbenzene**	**170**	CCVE	ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
95-47-6	**o-Xylene**	**2200**		ug/L	10	25	50	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 19:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
179601-23-1	**p- & m- Xylenes**	**5100**		ug/L	25	50	50	EPA 8260D Certifications:	03/01/2024 08:00	03/01/2024 19:42	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68
99-87-6	**p-Isopropyltoluene**	**6.4**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
135-98-8	**sec-Butylbenzene**	**7.2**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
100-42-5	**Styrene**	**61**		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	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:	02/29/2024 14:00	03/01/2024 02:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD 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 Certifications:	02/29/2024 14:00	03/01/2024 02:26	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 24B1604-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24B1604	380 Rockaway Turnpike Cedarhurst, NY	Ground Water	February 26, 2024 3:00 pm	02/28/2024

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**	**3500**		ug/L	10	25	50	EPA 8260D	03/01/2024 08:00	03/01/2024 19:42	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	**trans-1,3-Dichloropropylene**	**51**	CCVE, QL-02	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.5**	J	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
75-69-4	Trichlorofluoromethane	ND	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	**Vinyl Chloride**	**13**	CCVE	ug/L	1.0	2.5	5	EPA 8260D	02/29/2024 14:00	03/01/2024 02:26	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
1330-20-7	**Xylenes, Total**	**7300**		ug/L	30	75	50	EPA 8260D	03/01/2024 08:00	03/01/2024 19:42	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*	*80.6 %*		*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*129 %*	S-04, S-08	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*		*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24B1604-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24B1604-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24B1604-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24B1604-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E-dil	Actual amount is greater than the reported value. Error capacity of the analysis is compromised by further dilution.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

Revision Description: This report has been revised to correct sample dilutions and results.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 24B1604

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Tyll Engineering	Company: SA	Company: SA
Address:	Address: A	Address: A
Phone: 631-629-5373	Phone: M	Phone: M
Contact: Karen Tyll	Contact: E	Contact: E
E-mail:	E-mail: E	E-mail: E

YOUR Project Number

YOUR Project Name: 380 Rockaway Turnpike Cedarhurst NY

YOUR PO#:

Turn-Around Time

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

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

Carla Amaya

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

New York
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

TOGS

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-1	GW	2/26/24	VOCs	3 - 40 VOA
MW-2	GW	2/26/24	VOCs	3 - 40 VOA
MW-3	GW	2/26/24	VOCs	3 - 40 VOA
MW-4	GW	2/26/24	VOCs	3 - 40 VOA

Comments:

Preservation: (check all that apply)

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

Special Instruction

Field Filtered
Lab to Filter

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	2/27/24 12:30	Jen Pett / York	2/27/24 12:30	Jen Pett / York	2/28/24 11:40
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
KBah york	2/28/24 1140	LBah york	2/28/24 1625		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				NCS	2/28/24 1625 / 2.4 Degrees C

SSDS
Effluent

Technical Report

prepared for:

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

Report Date: 03/29/2024
Client Project ID: 380 Rockaway Tpke Cedarhurst NY
York Project (SDG) No.: 24C1171

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: 03/29/2024
Client Project ID: 380 Rockaway Tpke Cedarhurst NY
York Project (SDG) No.: 24C1171

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 March 20, 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
24C1171-01	Effluent Air	Vapor Extraction	03/18/2024	03/20/2024

General Notes for York Project (SDG) No.: 24C1171

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: 03/29/2024

Sample Information

Client Sample ID: **Effluent Air** **York Sample ID:** **24C1171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1171	380 Rockaway Tpke Cedarhurst NY	Vapor Extraction	March 18, 2024 3:00 pm	03/20/2024

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	1.3	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	1.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.79	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
75-35-4	**1,1-Dichloroethylene**	**0.23**		ug/m³	0.19	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.96	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.79	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.91	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
106-99-0	1,3-Butadiene	ND		ug/m³	1.3	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.91	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR

Sample Information

Client Sample ID: **Effluent Air** **York Sample ID:** **24C1171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1171	380 Rockaway Tpke Cedarhurst NY	Vapor Extraction	March 18, 2024 3:00 pm	03/20/2024

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	1.2	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
123-91-1	1,4-Dioxane	ND		ug/m³	1.4	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
78-93-3	**2-Butanone**	**1.7**		ug/m³	0.58	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
591-78-6	* 2-Hexanone	ND		ug/m³	1.6	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR
107-05-1	3-Chloropropene	ND		ug/m³	3.1	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.80	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
67-64-1	**Acetone**	**23**		ug/m³	0.93	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.43	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
71-43-2	**Benzene**	**0.69**		ug/m³	0.63	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
75-25-2	Bromoform	ND		ug/m³	2.0	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
74-83-9	Bromomethane	ND		ug/m³	0.76	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
75-15-0	Carbon disulfide	ND		ug/m³	0.61	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
56-23-5	**Carbon tetrachloride**	**0.37**		ug/m³	0.31	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
108-90-7	Chlorobenzene	ND		ug/m³	0.90	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
75-00-3	Chloroethane	ND		ug/m³	0.52	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
67-66-3	**Chloroform**	**4.0**		ug/m³	0.96	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
74-87-3	**Chloromethane**	**0.77**		ug/m³	0.41	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR
156-59-2	**cis-1,2-Dichloroethylene**	**130**		ug/m³	0.19	1.963	EPA TO-15 Certifications:	03/26/2024 12:00 NELAC-NY12058,NJDEP-NY037	03/29/2024 14:39	YR

Sample Information

Client Sample ID: **Effluent Air** **York Sample ID:** **24C1171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1171	380 Rockaway Tpke Cedarhurst NY	Vapor Extraction	March 18, 2024 3:00 pm	03/20/2024

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.89	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
110-82-7	Cyclohexane	ND		ug/m³	0.68	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
124-48-1	Dibromochloromethane	ND		ug/m³	1.7	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.97	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR
100-41-4	Ethyl Benzene	ND		ug/m³	0.85	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
67-63-0	**Isopropanol**	**34**	B	ug/m³	6.0	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	0.80	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.71	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
75-09-2	**Methylene chloride**	**5.0**		ug/m³	1.4	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
91-20-3	* Naphthalene	ND		ug/m³	2.1	1.963	EPA TO-15 Certifications: NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
142-82-5	n-Heptane	ND		ug/m³	0.80	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
110-54-3	**n-Hexane**	**1.1**		ug/m³	0.69	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
95-47-6	o-Xylene	ND		ug/m³	0.85	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.7	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.97	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR
115-07-1	*** Propylene**	**1.3**		ug/m³	0.34	1.963	EPA TO-15 Certifications:	03/26/2024 12:00	03/29/2024 14:39	YR
100-42-5	Styrene	ND		ug/m³	0.84	1.963	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	03/26/2024 12:00	03/29/2024 14:39	YR

Sample Information

Client Sample ID: **Effluent Air** **York Sample ID:** **24C1171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24C1171	380 Rockaway Tpke Cedarhurst NY	Vapor Extraction	March 18, 2024 3:00 pm	03/20/2024

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
127-18-4	**Tetrachloroethylene**	**74**		ug/m³	1.3	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.2	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications:			
108-88-3	**Toluene**	**2.1**		ug/m³	0.74	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	**trans-1,2-Dichloroethylene**	**2.6**		ug/m³	0.78	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.89	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**38**		ug/m³	0.26	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	1.1	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	0.69	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	0.86	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	**Vinyl Chloride**	**3.1**		ug/m³	0.25	1.963	EPA TO-15	03/26/2024 12:00	03/29/2024 14:39	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample and Data Qualifiers Relating to This Work Order

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.

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

Field Chain-of-Custody Record - AIR

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

YORK Project No. 24C1171

Page ____ of ____

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

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

Carla Agnew

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

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York R	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
							TO-15
Effluent Air	3/18/24 1pm	AE	-30	-10	17352		

Comments:

Detection Limits Required

≤ 1 ug/m³ ____ NYSDEC V1 Limits ____

Routine Survey ____ Other ____

Sampling Media

6 Liter Canister

Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	3/18/24 4pm	York	3/18/24 1700	York	3/19/24 1300
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
KBack/YK	3/19/24 11AM	KBack/YK	3/20/24 8AM	Queens Secure Room	3/20/24 8AM
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	03/20/24 959

APPENDIX C

Monthly Reports

from

1st Quarter 2024

February 9, 2024

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

Re: Monthly Progress Report for January 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the January 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 January 2024. See below.

Actions taken during the reporting period are as follows:

- On January 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)
Charlotte Bethoney (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	697.2	0.0
South Leg	561.4	0.0
Effluent	m/s 949.3	0.0

Weather: [redacted] cloudy

Printed Name of Person Performing Inspection: Carlos Quinonez

Date/Time of Inspection: 1/31/2028 11AM

Signature of Person Performing Inspection:

TYLL ENGINEERING & CONSULTING PC

March 7, 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 February 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the February 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 February 2024. See below.

Actions taken during the reporting period are as follows:

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

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Charlotte Bethoney (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	582.5	0.0
South Leg	615.7	0.0
Effluent	m/s 907.7	0.0

Weather: sunny

Printed Name of Person Performing Inspection: Carlos Quinonez

Date/Time of Inspection: 2/26/2024

Signature of Person Performing Inspection:

April 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 March 2024
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the March 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 March 2024. See below.

Actions taken during the reporting period are as follows:

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

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Charlotte Bethoney (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	391.5	0.0
South Leg	323.4	0.0
Effluent	m/s 1,048.2	0.0

Weather: sunny

Date/Time of Inspection: 3/29/2024

Printed Name of Person Performing Inspection: Carlos Quezada

Signature of Person Performing Inspection:

APPENDIX D

Quarterly Field Sampling Record

SSDS Effluent

QUARTERLY FIELD SAMPLING RECORD
SSDS EFFLUENT

Date: 3/18/2024

Project: Former Quick and Clean

Site Location: 380 Rockaway Turnpike, Cedarhurst, NY

Sample ID: EFFLUENT

Sampler: Fabricio

Location: vent of blower

Height: 3 feet above roof

Canister ID: 17352

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	3/18/24	1 PM	-30
Final Canister Vacuum	3/18/24	1:03 PM	-10

Weather or Ambient Conditions: 40 DEGREES

PID at Location: 0.0

Comments:

sampled on 3/18/24 due to collection issue with first sample taken on 2/26/24