New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9620 • **Fax:** (518) 402-9627
Website: www.dec.ny.gov

MEMORANDUM

TO: FILE

FROM: Brian Jankauskas, PE

SUBJECT: **VOC Groundwater Sampling April 2023**

Site Name: Farmingdale Plaza Cleaners **Site Code:** 130107

City: Farmingdale **County:** Nassau

DATE: September 12, 2023

The Farmingdale Plaza Cleaners site is located in Farmingdale, New York. Groundwater monitoring was performed at the above-referenced site by the New York State Department of Environmental Conservation (NYSDEC) to assess current conditions within the off-site plume known as Plume B, which primarily consists of tetrachloroethene (PCE). Plume A is associated with the nearby Liberty Industrial Finishing site and primarily consists of trichloroethene (TCE). Contamination located within Plume A is presently being captured by a groundwater pump and treat system for the Liberty Industrial Finishing site.

Figure 1 shows both sites, plumes A and B, extraction wells, and some of the monitoring wells. Figure 1 Plume A 2012 reflects TCE extents presented in the 2013 Remedial Investigation Report based on 2012 data. Figure 1 also presents two years of Plume B data that represent data from 2012 and 2017. Plume B 2012 reflects PCE extents presented in the 2013 Remedial Investigation Report. Plume B 2017 incorporates PCE data from 2012 and 2017 to provide an updated representation of groundwater conditions. The modification to Plume B extents was based on 2017 groundwater concentrations from MW-48C, which were slightly above groundwater criteria and permitted the northern extents of PCE contamination to be adjusted south.

In 2018, an extraction well was installed near MW-47C, which is located down-gradient (south) of MW-28C and MW-28D. Concentrations at EW and MW-47C are used to assess the migration of site contamination. The extraction well is presently not operational since a pump has not been installed in the well.

Groundwater Monitoring Procedures

A groundwater sampling event was performed to assess site contaminants from select wells, identified as MW-28C, MW-28D, and EW, see Figure 2 for locations. On March 23, 2023, passive

diffusion bags (PDB) were set within the well screen of each well to equilibrate. On April 13, 2023, the PDB were retrieved, and their contents were poured into laboratory provided containers. Groundwater monitoring activities were performed in accordance with EPA Region 4 Groundwater Sampling Procedures, dated April 26, 2017. Field notes are provided in Appendix A.

Samples were provided to Pace Analytical, a New York State Department of Health ELAP-certified laboratory. Samples were analyzed for volatile organic compounds by method 8260D. The laboratory results are included in Appendix B. Quality Assurance/Quality Control (QA/QC) samples were also obtained to verify the quality of the sampling program. A duplicate and trip blank were collected during the sampling event.

The eastern end of Spielman Avenue, which includes MW-28D, was paved. The monitoring well was still accessible but the flushmount must be reset so it is flush with the pavement. An assessment of the monitoring well network was performed to determine if any additional flushmount repairs were warranted. Flushmounts at twelve locations off-site and five locations on-site required further repairs to secure the flushmount cover. Groundwater & Environmental Services, Inc. (GES) was tasked with evaluating the flushmounts and performing the necessary repairs to secure the cover. In August 2023, GES mobilized and completed basic repairs (e.g., replaced bolts) at DEC-MW-3, EPA-MW-1A, EPA-MW-8A, MW-22A/B, MW-27C, MW-28 B/C, MW-29C/D, MW-31 B/C/D, MW-37C/D, MW-46C/D, MW-47C, MW-48C, WMW-1, two unknown wells. An additional mobilization will be performed to reset flushmounts that have broken bolt ears (EPA-0S-3A and EPA-MW-8A), broken concrete pad (EPA MW 1B), recessed (MW-28D and MW-37C), raised (MW-37D), have the wrong lid (EPA-MW-4A), or is missing a lid and filled in with soil/debris (unknown well). Some of these repairs will occur at locations where initial repairs were performed to secure the cover. GES field notes are included in Appendix C.

Groundwater Monitoring Results and Evaluation

The April 2023 groundwater analytical results are presented in Table 1. The highest PCE concentration was 72 micrograms per liter (ug/l) at MW-28C, which is above the groundwater standard of 5 ug/l. MW-28D contained PCE at 32 ug/l. The concentration of PCE at the extraction well location was 11 ug/l, which is slightly above the groundwater standard. Minor detections of PCE breakdown products were detected within Plume B. Figure 2 shows site contamination detected.

The field duplicate had comparable results to the parent sample from well MW-28C. The samples were not impacted during handling as the trip blank was not contaminated. Based on the review of the QA/QC samples and the laboratory narrative, the analytical results are usable for assessing groundwater conditions.

An evaluation of PCE trends at MW-28C and MW-28D indicates that the PCE concentrations increased in April 2023 from December 2021 at MW-28C, but concentrations at MW-28D remained consistent with previous decreasing trends. Since 2012, PCE concentrations have fluctuated with some slightly lower, but a majority of the events support a decreasing trend. Table 2 shows the PCE trends at MW-28C and MW-28D.

Table 2: PCE Trends at MW-28C and MW-28D from March 2012 to April 2023

Sample Date	MW-28C	MW-28D
March 2012	74 ug/l	78 ug/l
August 2015	48 ug/l	42 ug/l
April 2017	41 ug/l	36 ug/l
December 2017	20 ug/l	40 ug/l
May 2018	46 ug/l	60 ug/l
January 2020	35 ug/l	36 ug/l
April 2021	63 ug/l	40 ug/l
December 2021	30 ug/l	35 ug/l
April 2023	72 ug/l	32 ug/l

Continued groundwater monitoring is recommended to continue monitoring groundwater trends. The next monitoring event should consider collecting samples from MW-28C, MW-28D, MW-37C, MW-46C, MW-48C, and EW to evaluate the extents of Plume B, shown on Figure 1. This will permit Plume B to be redefined to accurately depict the current extents of contamination.

A downhole geophysical evaluation should be considered during the next monitoring period to assess geology within Plume B.

N

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Legend

- Remediation Sites
- Monitoring Well
- Extraction Well
- Plume A 2012
- Plume B 2012
- Plume B 2017

well and plume extents are approximate

0 350 700 Feet

1 in = 700 feet

Figure 1: Plume Map
Farmingdale Plaza Cleaners - Farmingdale, NY
Site Number 130107

N

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Legend

- Remediation Sites
- Remediation Site Borders
- Extraction Well
- Monitoring Well

0 350 700 Feet

1 in = 700 feet

Figure 2: Groundwater Results - April 2023
Farmingdale Plaza Cleaners - Farmingdale, NY
Site Number 130107

Table 1: Volatile Organic Compound Results - April 13, 2023
Farmingdale Plaza Cleaners - Farmingdale NY
Site Number 130107

Location		EW		MW-28C		MW-28C		MW-28D		Trip Blank	
Sample Name		EW-41323		Duplicate		MW-28C-41323		MW-28D-41323		TB-41323	
Screen Interval (ft bgs)		127.5 - 147.5		112 - 122		112 - 122		171 - 181			
Chemical Name	NYSDEC TOGS 111 Criteria	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Ethylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
N-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
4-Chlorotoluene	5	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	0.6	1	U	1	U	1	U	1	U	1	U
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NC	10	U	10	U	10	U	10	U	10	U
Isopropyl Ether	NC	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3,5-Trimethylbenzene (Mesitylene)	5	1	U	1	U	1	U	1	U	1	U
1,3,5-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Bromobenzene	5	1	U	1	U	1	U	1	U	1	U
Methylcyclohexane	NC	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Tetrahydrofuran	50	10	U	10	U	10	U	10	U	10	U
Trans-1,4-Dichloro-2-Butene	5	2	U	2	U	2	U	2	U	2	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane (P-Dioxane)	0.35	50	U	50	U	50	U	50	U	50	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Tetrachloroethylene (PCE)	5	11		72		71		32		1	U
Sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cis-1,2-Dichloroethylene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Tert-Butyl Methyl Ether	10	22		1	U	1	U	1	U	1	U
m,p-Xylene	5	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	5	5	U	5	U	5	U	5	U	5	U
1,1-Dichloropropene	5	2	U	2	U	2	U	2	U	2	U
2-Hexanone	50	10	U	10	U	10	U	10	U	10	U
2,2-Dichloropropane	5	1	U	1	U	1	U	1	U	1	U
Diethyl Ether (Ethyl Ether)	NC	2	U	2	U	2	U	2	U	2	U
1,1,1,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
Ethyl Tert-Butyl Ether	NC	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acetone	50	50	U	50	U	50	U	50	U	50	U
Chloroform	7	2	U	2	U	2	U	2	U	2	U
Benzene	1	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane (TCA)	5	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	2	U	2	U	2	U	2	U	2	U
Chloromethane (Methyl Chloride)	5	2	U	2	U	2	U	2	U	2	U
Dibromomethane	5	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	2	U	2	U	2	U	2	U	2	U
Vinyl Chloride	2	2	U	2	U	2	U	2	U	2	U
Methylene Chloride	5	5	U	5	U	5	U	5	U	5	U
Carbon Disulfide	60	5	U	5	U	5	U	5	U	5	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	5	2.1		1	U	1	U	1.3		1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Tert-Butyl Alcohol	NC	20	U	20	U	20	U	20	U	20	U
Trichlorofluoromethane	5	2	U	2	U	2	U	2	U	2	U
Dichlorodifluoromethane	5	2.7		2	U	2	U	2	U	2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
Methyl Ethyl Ketone (2-Butanone)	50	20	U	20	U	20	U	20	U	20	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
Trichloroethylene (TCE)	5	1	U	1.4		1.3		1	U	1	U
Methyl Acetate	NC	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,3-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U
Hexachlorobutadiene	0.5	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Naphthalene	10	2	U	2	U	2	U	2	U	2	U
O-Xylene (1,2-Dimethylbenzene)	5	1	U	1	U	1	U	1	U	1	U
2-Chlorotoluene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	0.04	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	0.04	2	U	2	U	2	U	2	U	2	U
T-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene (Cumene)	5	1	U	1	U	1	U	1	U	1	U
2-Methoxy-2-Methylbutane	NC	1.7		0.5	U	0.5	U	0.5	U	0.5	U
Cymene (4-Isopropyltoluene)	5	1	U	1	U	1	U	1	U	1	U

Notes
Units: micrograms per liter (ug/l)
U: Not Detected
J: Approximate Value
Highligted values indicate concentrations above the groundwater criteria

Appendix A

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Division of Environmental Remediation
Central Office

Field Log

Site Code #: 130107	Date: 3/23/23

Site Name: Farmingdale Plaza Cleaners
Location: Farmingdale, NY
DEC Project Manager: Brian Jankowski

	AM	PM
Weather	cloudy	
Temperature	55°	
Wind Direction	SW to NE	

Objective: Set passive diffusion bags in monitoring wells.

Description of Inspection Activities and Discussions:

1115 At site with Oliver Wolfe
1130 At RW
281) is located in the road, which was recently repaved.
28C

Passive diffusion bags were set ~5' above the bottom of the well.

Health & Safety:
Level of protection: Level D, used nitrile gloves

Site Representative:
Representative's Signature: Brian Jankowski

Date: 3/23/23

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Division of Environmental Remediation
Central Office

Field Log

Site Code #: 130107	Date: 4/13/23

Site Name: Farmingdale Plaza Cleaners
Location: Farmingdale, NY
DEC Project Manager: Brian Jankauskas

	AM	PM
Weather	Sunny	
Temperature	84	
Wind Direction	W → E	

Objective: Collect samples from passive diffusion bags
Check monitoring well condition

Description of Inspection Activities and Discussions:

1130 onsite

DUP - MW-28C

3 grass	31	0-1-2 of 3 bolts
1 road	28D	new pavement ~2" below
2 road	46	2 wells no bolts, one well lid broken
1 road	39	well needs bolts or new flushmount
1 road	48	well bolt does not work, other broken
1 grass	37	1 bolt
2 grass	29	bolts but rusty
5 wells pavement	Site	1 missing cover, 1 with bolts, 3 without bolts
1 road	48C	missing bolt

1340 offsite

Health & Safety:
Level of protection: Level D, used nitrile gloves

Site Representative: Brian Jankauskas
Representative's Signature: Brian Jankauskas
Date: 4/13/23

Photo Log

Picture 1: Site

Picture 2: Site System

Picture 3: MW-28D

Picture 4: Site Well

Picture 5: MW-46

Picture 6: MW-46

Pace Analytical®

Phone: 612-607-6400
Fax: 612-607-6344

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414

Page 1 of 1

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC
Address: 625 Broadway, 12th Floor, Albany, NY
Phone: 518-402-9626
Project Name: Farmingdale Plaza Cleaners
Project Location: Farmingdale, NY
Project Number: 130109
Project Manager: Brian Jankauskas
Pace Analytical Quote Name/Number:
Invoice Recipient:
Sampled By: Brian Jankauskas

Requested Turnaround Time
7-Day ☐ 10-Day ☒
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To: brian.jankauskas@dec.ny.gov
Fax To #:

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	# of Containers	VOC 8260
	EW-41323	4/13	1210		X	GW	U	2	
	MW-28C-41323	4/13	1230		X	GW	U	2	
	MW-28D-41323	4/13	1250		X	GW	U	2	
	DUP-41323	4/13	—		X	GW	U	2	
	TB-41323	4/13	—		X	O	L	2	
							ISFJ		

ANALYSIS REQUESTED

[2] Preservation Codes: H
[3] Container Codes: G

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) Leachate

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: NYS Cat A deliverable
NYS EDD Equis

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Brian Jankauskas	4/13/23 1400
Received by: (signature)	Date/Time:
Tim Rich	4/13/23 1405
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Program & Regulatory Information
☐ AWQ STDS ☒ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☒ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:

NELAC and AIHA-LAP, LLC Accredited

Project Entity
☒ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Appendix B

con-test®
A Pace Analytical® Laboratory

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

April 27, 2023

Brian Jankauskas
NYS Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7012

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 130107
Laboratory Work Order Number: 23D1658

Enclosed are results of analyses for samples as received by the laboratory on April 14, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

Table of Contents

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

NYS Division of Environmental Remediation
625 Broadway 12th Floor
Albany, NY 12233-7012
ATTN: Brian Jankauskas

REPORT DATE: 4/27/2023

PURCHASE ORDER NUMBER: 141580

PROJECT NUMBER: 130107

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23D1658

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

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
EW-41323	23D1658-01	Ground Water		SW-846 8260D	
MW-28C-41323	23D1658-02	Ground Water		SW-846 8260D	
MW-28D-41323	23D1658-03	Ground Water		SW-846 8260D	
DUP-41323	23D1658-04	Ground Water		SW-846 8260D	
TB-41323	23D1658-05	Trip Blank Water		SW-846 8260D	

con-test®
A Pace Analytical® Laboratory

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

CASE NARRATIVE SUMMARY

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

SW-846 8260D

Qualifications:

V-05

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

Analyte & Samples(s) Qualified:

Naphthalene
23D1658-01[EW-41323], 23D1658-02[MW-28C-41323], 23D1658-03[MW-28D-41323], 23D1658-04[DUP-41323], 23D1658-05[TB-41323], B337477-BLK1, B337477-BS1, B337477-BSD1, S086161-CCV1

V-06

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

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)
23D1658-01[EW-41323], 23D1658-02[MW-28C-41323], 23D1658-04[DUP-41323], B337477-BS1, B337477-BSD1, S086161-CCV1

Vinyl Chloride
B337477-BS1, B337477-BSD1, S086161-CCV1

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

con-test®
A Pace Analytical® Laboratory

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: EW-41323 | Sampled: 4/13/2023 12:10

Sample ID: 23D1658-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
tert-Amyl Methyl Ether (TAME)	1.7	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Dichlorodifluoromethane (Freon 12)	2.7	2.0	µg/L	1	V-06	SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1-Dichloroethane	2.1	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: EW-41323 | Sampled: 4/13/2023 12:10

Sample ID: 23D1658-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Methyl tert-Butyl Ether (MTBE)	22	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	4/18/23	4/19/23 1:50	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Tetrachloroethylene	11	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 1:50	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	113	70-130		4/19/23 1:50	
Toluene-d8	98.9	70-130		4/19/23 1:50	
4-Bromofluorobenzene	91.7	70-130		4/19/23 1:50	

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: MW-28C-41323 | Sampled: 4/13/2023 12:30

Sample ID: 23D1658-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-06	SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: MW-28C-41323 | Sampled: 4/13/2023 12:30

Sample ID: 23D1658-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	4/18/23	4/19/23 2:17	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Tetrachloroethylene	71	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Trichloroethylene	1.3	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:17	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		4/19/23 2:17
Toluene-d8	105	70-130		4/19/23 2:17
4-Bromofluorobenzene	90.0	70-130		4/19/23 2:17

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: MW-28D-41323 | Sampled: 4/13/2023 12:50

Sample ID: 23D1658-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1-Dichloroethane	1.3	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: MW-28D-41323 | Sampled: 4/13/2023 12:50

Sample ID: 23D1658-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	4/18/23	4/19/23 2:43	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Tetrachloroethylene	32	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 2:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	112	70-130		4/19/23 2:43
Toluene-d8	102	70-130		4/19/23 2:43
4-Bromofluorobenzene	89.1	70-130		4/19/23 2:43

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: DUP-41323 | Sampled: 4/13/2023 00:00

Sample ID: 23D1658-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-06	SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: DUP-41323 | Sampled: 4/13/2023 00:00

Sample ID: 23D1658-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	4/18/23	4/19/23 3:10	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Tetrachloroethylene	72	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Trichloroethylene	1.4	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 3:10	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
1,2-Dichloroethane-d4	112	70-130		4/19/23	3:10
Toluene-d8	102	70-130		4/19/23	3:10
4-Bromofluorobenzene	89.0	70-130		4/19/23	3:10

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

Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: TB-41323 | Sampled: 4/13/2023 00:00

Sample ID: 23D1658-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 23D1658

Date Received: 4/14/2023

Field Sample #: TB-41323 | Sampled: 4/13/2023 00:00

Sample ID: 23D1658-05

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Naphthalene	ND	2.0	µg/L	1	V-05	SW-846 8260D	4/18/23	4/19/23 0:57	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260D	4/18/23	4/19/23 0:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		4/19/23 0:57
Toluene-d8	101	70-130		4/19/23 0:57
4-Bromofluorobenzene	94.5	70-130		4/19/23 0:57

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D1658-01 [EW-41323]	B337477	5	5.00	04/18/23
23D1658-02 [MW-28C-41323]	B337477	5	5.00	04/18/23
23D1658-03 [MW-28D-41323]	B337477	5	5.00	04/18/23
23D1658-04 [DUP-41323]	B337477	5	5.00	04/18/23
23D1658-05 [TB-41323]	B337477	5	5.00	04/18/23

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337477 - SW-846 5030B										
Blank (B337477-BLK1)				Prepared: 04/18/23 Analyzed: 04/19/23						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B337477 - SW-846 5030B										
Blank (B337477-BLK1)				Prepared: 04/18/23 Analyzed: 04/19/23						
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*28.6*		µg/L	25.0		114	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*22.1*		µg/L	25.0		88.6	70-130			
LCS (B337477-BS1)				Prepared & Analyzed: 04/18/23						
Acetone	102	50	µg/L	100		102	70-160			†
Acrylonitrile	10.6	5.0	µg/L	10.0		106	70-130			
tert-Amyl Methyl Ether (TAME)	11.2	0.50	µg/L	10.0		112	70-130			
Benzene	10.9	1.0	µg/L	10.0		109	70-130			
Bromobenzene	9.80	1.0	µg/L	10.0		98.0	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130			
Bromodichloromethane	10.2	0.50	µg/L	10.0		102	70-130			
Bromoform	8.22	1.0	µg/L	10.0		82.2	70-130			
Bromomethane	12.1	2.0	µg/L	10.0		121	40-160			†
2-Butanone (MEK)	109	20	µg/L	100		109	40-160			†
tert-Butyl Alcohol (TBA)	83.0	20	µg/L	100		83.0	40-160			†
n-Butylbenzene	9.74	1.0	µg/L	10.0		97.4	70-130			
sec-Butylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130			
tert-Butylbenzene	9.92	1.0	µg/L	10.0		99.2	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.1	0.50	µg/L	10.0		111	70-130			
Carbon Disulfide	96.1	5.0	µg/L	100		96.1	70-130			
Carbon Tetrachloride	10.4	5.0	µg/L	10.0		104	70-130			
Chlorobenzene	9.78	1.0	µg/L	10.0		97.8	70-130			
Chlorodibromomethane	9.47	0.50	µg/L	10.0		94.7	70-130			
Chloroethane	9.60	2.0	µg/L	10.0		96.0	70-130			
Chloroform	10.2	2.0	µg/L	10.0		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B337477 - SW-846 5030B											
LCS (B337477-BS1)				Prepared & Analyzed: 04/18/23							
Chloromethane	9.48	2.0	µg/L	10.0		94.8	40-160				†
2-Chlorotoluene	9.59	1.0	µg/L	10.0		95.9	70-130				
4-Chlorotoluene	9.71	1.0	µg/L	10.0		97.1	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.02	5.0	µg/L	10.0		90.2	70-130				
1,2-Dibromoethane (EDB)	9.75	0.50	µg/L	10.0		97.5	70-130				
Dibromomethane	9.94	1.0	µg/L	10.0		99.4	70-130				
1,2-Dichlorobenzene	9.73	1.0	µg/L	10.0		97.3	70-130				
1,3-Dichlorobenzene	9.91	1.0	µg/L	10.0		99.1	70-130				
1,4-Dichlorobenzene	9.62	1.0	µg/L	10.0		96.2	70-130				
trans-1,4-Dichloro-2-butene	8.35	2.0	µg/L	10.0		83.5	70-130				
Dichlorodifluoromethane (Freon 12)	11.7	2.0	µg/L	10.0		117	40-160			V-06	†
1,1-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130				
1,1-Dichloroethylene	9.96	1.0	µg/L	10.0		99.6	70-130				
cis-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0		103	70-130				
trans-1,2-Dichloroethylene	9.67	1.0	µg/L	10.0		96.7	70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130				
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130				
2,2-Dichloropropane	8.93	1.0	µg/L	10.0		89.3	40-130				†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130				
cis-1,3-Dichloropropene	9.92	0.50	µg/L	10.0		99.2	70-130				
trans-1,3-Dichloropropene	9.60	0.50	µg/L	10.0		96.0	70-130				
Diethyl Ether	10.7	2.0	µg/L	10.0		107	70-130				
Diisopropyl Ether (DIPE)	11.4	0.50	µg/L	10.0		114	70-130				
1,4-Dioxane	93.8	50	µg/L	100		93.8	40-130				†
Ethylbenzene	9.89	1.0	µg/L	10.0		98.9	70-130				
Hexachlorobutadiene	10.7	0.60	µg/L	10.0		107	70-130				
2-Hexanone (MBK)	95.7	10	µg/L	100		95.7	70-160				†
Isopropylbenzene (Cumene)	9.50	1.0	µg/L	10.0		95.0	70-130				
p-Isopropyltoluene (p-Cymene)	9.93	1.0	µg/L	10.0		99.3	70-130				
Methyl Acetate	8.52	1.0	µg/L	10.0		85.2	70-130				
Methyl tert-Butyl Ether (MTBE)	10.3	1.0	µg/L	10.0		103	70-130				
Methyl Cyclohexane	11.0	1.0	µg/L	10.0		110	70-130				
Methylene Chloride	10.0	5.0	µg/L	10.0		100	70-130				
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160				†
Naphthalene	6.24	2.0	µg/L	10.0		62.4	40-130			V-05	†
n-Propylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130				
Styrene	9.59	1.0	µg/L	10.0		95.9	70-130				
1,1,1,2-Tetrachloroethane	9.66	1.0	µg/L	10.0		96.6	70-130				
1,1,2,2-Tetrachloroethane	9.08	0.50	µg/L	10.0		90.8	70-130				
Tetrachloroethylene	9.78	1.0	µg/L	10.0		97.8	70-130				
Tetrahydrofuran	10.6	10	µg/L	10.0		106	70-130				
Toluene	10.1	1.0	µg/L	10.0		101	70-130				
1,2,3-Trichlorobenzene	8.08	5.0	µg/L	10.0		80.8	70-130				
1,2,4-Trichlorobenzene	8.31	1.0	µg/L	10.0		83.1	70-130				
1,3,5-Trichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130				
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
Trichloroethylene	10.4	1.0	µg/L	10.0		104	70-130				
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130				
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B337477 - SW-846 5030B											
LCS (B337477-BS1)				Prepared & Analyzed: 04/18/23							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1	1.0	µg/L	10.0		101	70-130				
1,2,4-Trimethylbenzene	9.61	1.0	µg/L	10.0		96.1	70-130				
1,3,5-Trimethylbenzene	9.54	1.0	µg/L	10.0		95.4	70-130				
Vinyl Chloride	11.5	2.0	µg/L	10.0		115	40-160			V-06	†
m+p Xylene	19.2	2.0	µg/L	20.0		96.1	70-130				
o-Xylene	9.62	1.0	µg/L	10.0		96.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	*27.7*		µg/L	25.0		111	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		97.9	70-130				
LCS Dup (B337477-BSD1)				Prepared & Analyzed: 04/18/23							
Acetone	112	50	µg/L	100		112	70-160	9.57	25		†
Acrylonitrile	10.1	5.0	µg/L	10.0		101	70-130	5.00	25		
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0		111	70-130	0.180	25		
Benzene	10.8	1.0	µg/L	10.0		108	70-130	0.736	25		
Bromobenzene	9.36	1.0	µg/L	10.0		93.6	70-130	4.59	25		
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130	0.261	25		
Bromodichloromethane	10.2	0.50	µg/L	10.0		102	70-130	0.196	25		
Bromoform	7.95	1.0	µg/L	10.0		79.5	70-130	3.34	25		
Bromomethane	11.1	2.0	µg/L	10.0		111	40-160	8.97	25		†
2-Butanone (MEK)	116	20	µg/L	100		116	40-160	6.46	25		†
tert-Butyl Alcohol (TBA)	87.4	20	µg/L	100		87.4	40-160	5.13	25		†
n-Butylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130	0.103	25		
sec-Butylbenzene	9.67	1.0	µg/L	10.0		96.7	70-130	1.95	25		
tert-Butylbenzene	9.39	1.0	µg/L	10.0		93.9	70-130	5.49	25		
tert-Butyl Ethyl Ether (TBEE)	11.2	0.50	µg/L	10.0		112	70-130	0.359	25		
Carbon Disulfide	94.4	5.0	µg/L	100		94.4	70-130	1.73	25		
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	2.53	25		
Chlorobenzene	9.38	1.0	µg/L	10.0		93.8	70-130	4.18	25		
Chlorodibromomethane	9.40	0.50	µg/L	10.0		94.0	70-130	0.742	25		
Chloroethane	9.11	2.0	µg/L	10.0		91.1	70-130	5.24	25		
Chloroform	10.2	2.0	µg/L	10.0		102	70-130	0.785	25		
Chloromethane	9.13	2.0	µg/L	10.0		91.3	40-160	3.76	25		†
2-Chlorotoluene	9.07	1.0	µg/L	10.0		90.7	70-130	5.57	25		
4-Chlorotoluene	9.18	1.0	µg/L	10.0		91.8	70-130	5.61	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.96	5.0	µg/L	10.0		89.6	70-130	0.667	25		
1,2-Dibromoethane (EDB)	9.88	0.50	µg/L	10.0		98.8	70-130	1.32	25		
Dibromomethane	9.78	1.0	µg/L	10.0		97.8	70-130	1.62	25		
1,2-Dichlorobenzene	9.62	1.0	µg/L	10.0		96.2	70-130	1.14	25		
1,3-Dichlorobenzene	9.66	1.0	µg/L	10.0		96.6	70-130	2.55	25		
1,4-Dichlorobenzene	9.63	1.0	µg/L	10.0		96.3	70-130	0.104	25		
trans-1,4-Dichloro-2-butene	8.64	2.0	µg/L	10.0		86.4	70-130	3.41	25		
Dichlorodifluoromethane (Freon 12)	11.5	2.0	µg/L	10.0		115	40-160	1.89	25	V-06	†
1,1-Dichloroethane	10.3	1.0	µg/L	10.0		103	70-130	0.195	25		
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130	3.01	25		
1,1-Dichloroethylene	9.87	1.0	µg/L	10.0		98.7	70-130	0.908	25		
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	2.45	25		
trans-1,2-Dichloroethylene	9.70	1.0	µg/L	10.0		97.0	70-130	0.310	25		
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130	0.376	25		
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130	1.82	25		
2,2-Dichloropropane	8.66	1.0	µg/L	10.0		86.6	40-130	3.07	25		†
1,1-Dichloropropene	10.0	2.0	µg/L	10.0		100	70-130	5.91	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B337477 - SW-846 5030B											
LCS Dup (B337477-BSD1)				Prepared & Analyzed: 04/18/23							
cis-1,3-Dichloropropene	9.68	0.50	µg/L	10.0		96.8	70-130	2.45	25		
trans-1,3-Dichloropropene	9.51	0.50	µg/L	10.0		95.1	70-130	0.942	25		
Diethyl Ether	10.6	2.0	µg/L	10.0		106	70-130	1.22	25		
Diisopropyl Ether (DIPE)	11.4	0.50	µg/L	10.0		114	70-130	0.176	25		
1,4-Dioxane	95.2	50	µg/L	100		95.2	40-130	1.49	50		† ‡
Ethylbenzene	9.44	1.0	µg/L	10.0		94.4	70-130	4.66	25		
Hexachlorobutadiene	10.1	0.60	µg/L	10.0		101	70-130	5.48	25		
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160	11.2	25		†
Isopropylbenzene (Cumene)	9.12	1.0	µg/L	10.0		91.2	70-130	4.08	25		
p-Isopropyltoluene (p-Cymene)	9.68	1.0	µg/L	10.0		96.8	70-130	2.55	25		
Methyl Acetate	9.17	1.0	µg/L	10.0		91.7	70-130	7.35	25		
Methyl tert-Butyl Ether (MTBE)	10.5	1.0	µg/L	10.0		105	70-130	2.50	25		
Methyl Cyclohexane	10.7	1.0	µg/L	10.0		107	70-130	2.12	25		
Methylene Chloride	9.97	5.0	µg/L	10.0		99.7	70-130	0.300	25		
4-Methyl-2-pentanone (MIBK)	105	10	µg/L	100		105	70-160	3.79	25		†
Naphthalene	6.44	2.0	µg/L	10.0		64.4	40-130	3.15	25	V-05	†
n-Propylbenzene	9.48	1.0	µg/L	10.0		94.8	70-130	3.93	25		
Styrene	9.23	1.0	µg/L	10.0		92.3	70-130	3.83	25		
1,1,1,2-Tetrachloroethane	9.45	1.0	µg/L	10.0		94.5	70-130	2.20	25		
1,1,2,2-Tetrachloroethane	8.75	0.50	µg/L	10.0		87.5	70-130	3.70	25		
Tetrachloroethylene	9.63	1.0	µg/L	10.0		96.3	70-130	1.55	25		
Tetrahydrofuran	11.8	10	µg/L	10.0		118	70-130	10.6	25		
Toluene	9.80	1.0	µg/L	10.0		98.0	70-130	3.41	25		
1,2,3-Trichlorobenzene	7.84	5.0	µg/L	10.0		78.4	70-130	3.02	25		
1,2,4-Trichlorobenzene	8.30	1.0	µg/L	10.0		83.0	70-130	0.120	25		
1,3,5-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	4.30	25		
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130	0.0973	25		
1,1,2-Trichloroethane	9.98	1.0	µg/L	10.0		99.8	70-130	1.79	25		
Trichloroethylene	10.3	1.0	µg/L	10.0		103	70-130	1.26	25		
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0		104	70-130	0.484	25		
1,2,3-Trichloropropane	11.3	2.0	µg/L	10.0		113	70-130	1.84	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5	1.0	µg/L	10.0		105	70-130	3.20	25		
1,2,4-Trimethylbenzene	9.44	1.0	µg/L	10.0		94.4	70-130	1.78	25		
1,3,5-Trimethylbenzene	8.95	1.0	µg/L	10.0		89.5	70-130	6.38	25		
Vinyl Chloride	11.3	2.0	µg/L	10.0		113	40-160	1.93	25	V-06	†
m+p Xylene	18.6	2.0	µg/L	20.0		93.2	70-130	3.12	25		
o-Xylene	9.42	1.0	µg/L	10.0		94.2	70-130	2.10	25		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/L	25.0		112	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*23.6*		µg/L	25.0		94.4	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Acetone	CT,ME,NH,VA,NY
Acrylonitrile	CT,ME,NH,VA,NY
tert-Amyl Methyl Ether (TAME)	ME,NH,VA,NY
Benzene	CT,ME,NH,VA,NY
Bromobenzene	ME,NY
Bromochloromethane	ME,NH,VA,NY
Bromodichloromethane	CT,ME,NH,VA,NY
Bromoform	CT,ME,NH,VA,NY
Bromomethane	CT,ME,NH,VA,NY
2-Butanone (MEK)	CT,ME,NH,VA,NY
tert-Butyl Alcohol (TBA)	ME,NH,VA,NY
n-Butylbenzene	ME,VA,NY
sec-Butylbenzene	ME,VA,NY
tert-Butylbenzene	ME,VA,NY
tert-Butyl Ethyl Ether (TBEE)	ME,NH,VA,NY
Carbon Disulfide	CT,ME,NH,VA,NY
Carbon Tetrachloride	CT,ME,NH,VA,NY
Chlorobenzene	CT,ME,NH,VA,NY
Chlorodibromomethane	CT,ME,NH,VA,NY
Chloroethane	CT,ME,NH,VA,NY
Chloroform	CT,ME,NH,VA,NY
Chloromethane	CT,ME,NH,VA,NY
2-Chlorotoluene	ME,NH,VA,NY
4-Chlorotoluene	ME,NH,VA,NY
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY
1,2-Dibromoethane (EDB)	ME,NY
Dibromomethane	ME,NH,VA,NY
1,2-Dichlorobenzene	CT,ME,NH,VA,NY
1,3-Dichlorobenzene	CT,ME,NH,VA,NY
1,4-Dichlorobenzene	CT,ME,NH,VA,NY
trans-1,4-Dichloro-2-butene	ME,NH,VA,NY
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY
1,1-Dichloroethane	CT,ME,NH,VA,NY
1,2-Dichloroethane	CT,ME,NH,VA,NY
1,1-Dichloroethylene	CT,ME,NH,VA,NY
cis-1,2-Dichloroethylene	ME,NY
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY
1,2-Dichloropropane	CT,ME,NH,VA,NY
1,3-Dichloropropane	ME,VA,NY
2,2-Dichloropropane	ME,NH,VA,NY
1,1-Dichloropropene	ME,NH,VA,NY
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY
Diethyl Ether	ME,NY
Diisopropyl Ether (DIPE)	ME,NH,VA,NY
1,4-Dioxane	ME,NY
Ethylbenzene	CT,ME,NH,VA,NY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260D in Water	
Hexachlorobutadiene	CT,ME,NH,VA,NY
2-Hexanone (MBK)	CT,ME,NH,VA,NY
Isopropylbenzene (Cumene)	ME,VA,NY
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY
Methyl Acetate	ME,NY
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY
Methyl Cyclohexane	NY
Methylene Chloride	CT,ME,NH,VA,NY
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY
Naphthalene	ME,NH,VA,NY
n-Propylbenzene	CT,ME,NH,VA,NY
Styrene	CT,ME,NH,VA,NY
1,1,1,2-Tetrachloroethane	CT,ME,NH,VA,NY
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY
Tetrachloroethylene	CT,ME,NH,VA,NY
Toluene	CT,ME,NH,VA,NY
1,2,3-Trichlorobenzene	ME,NH,VA,NY
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,ME,NH,VA,NY
1,1,2-Trichloroethane	CT,ME,NH,VA,NY
Trichloroethylene	CT,ME,NH,VA,NY
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY
1,2,3-Trichloropropane	ME,NH,VA,NY
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY
1,2,4-Trimethylbenzene	ME,VA,NY
1,3,5-Trimethylbenzene	ME,VA,NY
Vinyl Chloride	CT,ME,NH,VA,NY
m+p Xylene	CT,ME,NH,VA,NY
o-Xylene	CT,ME,NH,VA,NY

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024
NY	New York State Department of Health	10899 NELAP	04/1/2024
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2024
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2023

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CHAIN OF CUSTODY RECORD (New York)

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Minneapolis, MN 55414

Page 1 of 1

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name:	NYS DEC
Address:	625 Broadway, 12th Floor, Albany, NY
Phone:	518-402-9626
Project Name:	Farmingdale Plaza Cleaners
Project Location:	Farmingdale, NY
Project Number:	130109
Project Manager:	Brian Jankauskas
Pace Analytical Quote Name/Number	
Invoice Recipient:	
Sampled By:	Brian Jankauskas

Requested Turnaround Time
7-Day ☐ 10-Day ☒
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☒ EXCEL ☒
Other:
CLP Like Data Pkg Required: ☐
Email To: brian.jankauskas@dec.ny.gov
Fax To #:

ANALYSIS REQUESTED

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	# of Containers	VOC 8260										
1	EW-41323	4/13	1210		X	GW	U	2											
2	MW-28C-41323	4/13	1230		X	GW	U	2											
3	MW-28D-41323	4/13	1250		X	GW	U	2											
4	DUP-41323	4/13	—		X	GW	U	2											
5	TB-41323	4/13	—		X	O	L	2											

Comments: NYS Cat A Deliverable
NYS EDD Equis

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)
Leachate

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 4/13/23 1400	
Received by: (signature)	Date/Time: 4/13/23 1405	
Relinquished by: (signature)	Date/Time: 4/13/23 1800	
Received by: (signature) 4.2°C	Date/Time: 4.14.23 0923	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Program & Regulatory Information
☐ AWQ STDS ☒ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
Other:

Deliverables
☐ Enhanced Data Package
☒ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
☒ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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[redacted]

FedEx® Tracking

DELIVERED

Friday

4/14/2023 at 9:23 am

Signed for by: L.ARROYO

Obtain Proof of delivery

How was your delivery?

DELIVERY STATUS

Delivered

TRACKING ID

642863543760

FROM
MELVILLE, NY US

Label Created
4/13/2023 2:33 PM

PACKAGE RECEIVED BY FEDEX
MELVILLE, NY
4/13/2023 5:52 PM

IN TRANSIT
WINDSOR LOCKS, CT
4/14/2023 7:42 AM

OUT FOR DELIVERY
WINDSOR LOCKS, CT
4/14/2023 7:53 AM

DELIVERED
EAST LONGMEADOW, MA US

Delivered
4/14/2023 at 9:23 AM

View travel history

Want updates on this shipment? Enter your email and we will do the rest!

YOUR EMAIL

SUBMIT

MORE OPTIONS

Manage Delivery

East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

Log In Back-Sheet

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

Pace PEOPLE ADVANCING SCIENCE

Client NYSDEC
Project Farmingdale Plaza Cleaners
MCP/RCP Required N/A
Deliverable Package Req. N/A
Location Farmingdale, NY
PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time Alyssa 4/14/23 923
Back-Sheet By / Date / Time LA 4/14/23 1008
Temperature Method gun #3
Temp ☑ < 6° C Actual Temperature 4.2
Rush Samples: Yes / (No) Notify
Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☒	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☑	☒
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑
Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☐ ☐

Container (Circle when applicable)			UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L	Amber	Plastic								
500 mL	Amber	Plastic								
250 mL	Amber	Plastic								
Other	Amber Clear	Plastic								
16oz	Amber	Clear								
8oz	Amber	Clear								
4oz	Amber	Clear								
2oz	Amber	Clear								
Col/Bacteria										
Flashpoint										
Plastic Bag										
SOC Kit										
Perchlorate										
Encore										
Frozen										

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials	N/A		10						

Appendix C

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale, NY

Photo #:	1
Date:	08/21/2023
Direction:	NA

Comments:

MW-22A in median. 3 bolts missing. Vault and lid in good condition. Concrete pad in good condition. **Bolts need to replaced with 1/2"**

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	2
Date:	08/21/2023
Direction:	NA

Comments:

MW-22B in median. 3 bolts missing. Vault and lid in good condition. Concrete pad in good condition. **Bolts need to replaced with 1/2"**

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	3
Date:	08/21/2023
Direction:	NA

Comments:

WMW-1 in parking lot. 2 bolts missing. Vault filled with water, some tubing in vault. lid in good condition. Concrete pad in ok condition.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	4
Date:	08/21/2023
Direction:	NA

Comments:

EPA-MW-4A in parking lot. Small diameter well missing bolts of unknown size. Current lid does not line up with bolt ears in vault. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	5
Date:	08/21/2023
Direction:	NA

Comments:

EPA-MW-8A in parking lot. 2 bolts missing. Vault has one bolt ear that is broken. lid in good condition. Concrete pad in ok condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	6
Date:	08/21/2023
Direction:	NA

Comments:

WMW-1 fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	7
Date:	08/21/2023
Direction:	NA

Comments:

EPA-MW-8A fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	8
Date:	08/21/2023
Direction:	NA

Comments:

EPA-MW-1A in parking lot. Small diameter well missing bolts of unknown size. Lid is chipped. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	9
Date:	08/21/2023
Direction:	NA

Comments:

EPA-0S-3A in parking lot. Small diameter well missing bolts of unknown size. Lid and vault have broken bolt ears. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	10
Date:	08/21/2023
Direction:	NA

Comments:

EPA-MW-1B in parking lot. Small diameter well missing bolts of unknown size. Lid and vault have broken bolt ears. Concrete pad is broken and cracked.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	11
Date:	08/21/2023
Direction:	NA

Comments:

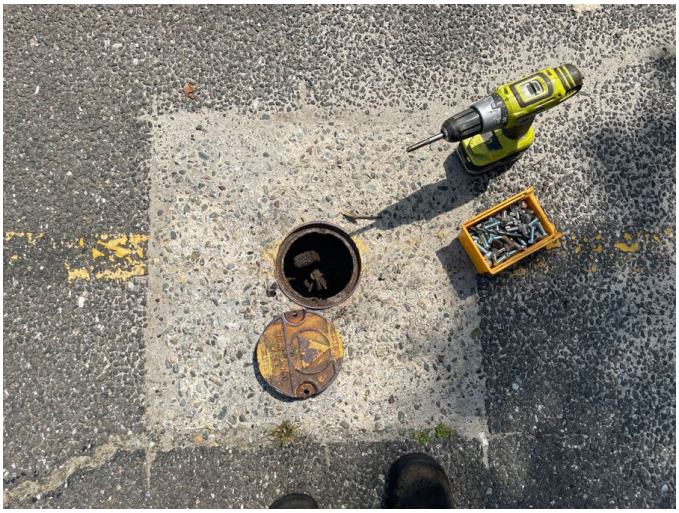
Well of unknown ID in parking lot. No lid, vault grown over.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	12
Date:	08/21/2023
Direction:	NA

Comments:

Well of unknown ID in parking lot. Needs bolts for smaller diameter vault.



Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	13
Date:	08/21/2023
Direction:	NA

Comments:

Well of unknown ID in CVS parking lot in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale

Photo #:	14
Date:	08/21/2023
Direction:	NA

Comments:

Well of unknown ID in CVS parking lot in good condition.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	15
Date:	08/21/2023
Direction:	NA

Comments:

DEC-MW-3 in sidewalk. Missing 2 bolts. Vault filled in with soil and has no bolt ears. Well has PVC cap not plug. No concrete pad (in brick sidewalk).

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 450 Main Street, Farmingdale

Photo #:	16
Date:	08/21/2023
Direction:	NA

Comments:

DEC-MW-3 in sidewalk. Missing 2 bolts. Vault filled in with soil and has no bolt ears. Well has PVC cap not plug. No concrete pad (in brick sidewalk).

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 450 Main Street, Farmingdale, NY

Photo #:	1
Date:	08/21/2023
Direction:	NA

Comments:

MW-31B in grass. Missing 2 bolts. Vault and lid in good condition. Concrete pad covered by grass.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	2
Date:	08/21/2023
Direction:	NA

Comments:

MW-31C in grass. Missing 2 bolts. Vault filled with soil but not covering top of casing. Lid in good condition. Concrete pad covered by grass.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	3
Date:	08/21/2023
Direction:	NA

Comments:

MW-31D in grass. Missing 3 bolts. Vault and Lid in good condition. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	4
Date:	08/21/2023
Direction:	NA

Comments:

MW-31D fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	5
Date:	08/21/2023
Direction:	NA

Comments:

MW-31C fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	6
Date:	08/21/2023
Direction:	NA

Comments:

MW-31B fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	7
Date:	08/21/2023
Direction:	NA

Comments:

MW-47C in street. Missing 1 bolt and other bolt stripped. Vault and Lid in good condition. Concrete pad cracked. PW-20 is well adjacent to it and concrete pad is in similar condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	8
Date:	08/21/2023
Direction:	NA

Comments:

MW-47C fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	9
Date:	08/21/2023
Direction:	NA

Comments:

MW-46D in street. 2 bolts missing. Vault and lid in good condition. Concrete pad cracked and crumbling.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	10
Date:	08/21/2023
Direction:	NA

Comments:

MW-46C in street. 2 bolts missing. Vault filled with water. Lid in good condition. Concrete pad cracked and crumbling.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	11
Date:	08/21/2023
Direction:	NA

Comments:

MW-46D fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	12
Date:	08/21/2023
Direction:	NA

Comments:

MW-46C fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	13
Date:	08/21/2023
Direction:	NA

Comments:

MW-28D in road. No concrete pad, well is approximately 2" depressed.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	14
Date:	08/21/2023
Direction:	NA

Comments:

MW-28C in grass. 3 bolts missing. Well plug broken/missing lock. Vault and lid in good condition. Concrete pad in good condition under grass.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	15
Date:	08/21/2023
Direction:	NA

Comments:

MW-28B in grass. 3 bolts missing. Vault and lid in good condition. Concrete pad in good condition under grass.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	16
Date:	08/21/2023
Direction:	NA

Comments:

MW-28B fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	17
Date:	08/21/2023
Direction:	NA

Comments:

MW-28C fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	18
Date:	08/21/2023
Direction:	NA

Comments:

MW-48C in street. 1 bolt missing 1 bolt broken. Vault filled with water. lid in good condition. Concrete pad cracked.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	19
Date:	08/21/2023
Direction:	NA

Comments:

MW-48C fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	20
Date:	08/21/2023
Direction:	NA

Comments:

MW-37C in street. 3 bolts missing. Vault full of soil covering well plug and also vault is not set securely in asphalt (moving). Lid in good condition. No Concrete pad and well is sunken in 1".

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	21
Date:	08/21/2023
Direction:	NA

Comments:

MW-37C fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	22
Date:	08/21/2023
Direction:	NA

Comments:

MW-37D in street. 3 bolts missing. Vault loose (moving) and one bolt ear is broken. Lid in good condition. Concrete pad raised above asphalt and in bad condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	23
Date:	08/21/2023
Direction:	NA

Comments:

MW-37D fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	24
Date:	08/21/2023
Direction:	NA

Comments:

MW-29C in grass. 3 bolts missing. Well plug broken/missing lock. Vault and lid in good condition. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	25
Date:	08/21/2023
Direction:	NA

Comments:

MW-29D in grass. 3 bolts missing. Well plug broken/missing lock and doesn't fit casing. Vault and lid in good condition. Concrete pad in good condition.

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	26
Date:	08/21/2023
Direction:	NA

Comments:

MW-29D fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	27
Date:	08/21/2023
Direction:	NA

Comments:

MW-29C fixed

Client: New York State DEC **Site Name:** NYSDEC Farmingdale Plaza Cleaners	**Project:** 1102851/08/207 **Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	28
Date:	08/21/2023
Direction:	NA

Comments:

MW-27C in grass. 2 bolts missing. Vault and lid in good condition. No Concrete pad.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC Farmingdale Plaza Cleaners	**Site Location:** 550 Main Street, Farmingdale, NY

Photo #:	29
Date:	08/21/2023
Direction:	NA

Comments:

MW-27C fixed

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	1
Date:	08/31/2023
Direction:	NA

Comments:

MW-22B repaired with three (3) 1/2" bolts.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	2
Date:	08/31/2023
Direction:	NA

Comments:

MW-22A repaired with two (2) 1/2" bolts. Note, one (1) bolt ear is broken and could not be used.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	3
Date:	08/31/2023
Direction:	NA

Comments:

EPA-MW-1A with two (2) 5/16" bolts.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	4
Date:	08/31/2023
Direction:	NA

Comments:

Unknown well ID located adjacent to McDonalds parking lot. Missing 2 bolts.

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	5
Date:	08/31/2023
Direction:	NA

Comments:

Unknown well ID with two (2) 3/8" bolts

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	6
Date:	08/31/2023
Direction:	NA

Comments:

Unknown well ID with two (2) 5/16" bolts

Client: New York State DEC	**Project:** 1102851/08/207
Site Name: NYSDEC/FarmingdaleNYMainSt450	**Site Location:** 450 Main Street

Photo #:	7
Date:	08/31/2023
Direction:	NA

Comments:

DEC-MW-3 with two (2) 3/8" bolts