



Site Monitoring Report (September 2024 Event) Active Industrial Uniform (152125) Lindenhurst, New York

Prepared for

New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233



Prepared by

EA Engineering and Geology, P.C.
Washington Station
333 West Washington Street, Suite 300
Syracuse, New York 13202
315-431-4610

September 2025
Version: FINAL
EA Project No. 16025-34-00-CP

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A handwritten signature in black ink, appearing to read "Donald Conan".

Donald Conan, PE, PG, Program Manager

September 5, 2025

Date

A handwritten signature in black ink, appearing to read "Adam Etringer".

Adam Etringer, Senior Project Manager

September 5, 2025

Date

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Version: FINAL
EA Project No. 16025-34-00-CP

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LIST OF ACRONYMS AND ABBREVIATIONS

µg/L	Microgram(s) per liter
AWQS	Ambient Water Quality Standard
COC	Contaminant of concern
DCE	Dichloroethylene
EA	EA Engineering and Geology, P.C.
No.	Number
NYSDEC	New York State Department of Environmental Conservation
PCE	Tetrachloroethylene
PE	Professional Engineer
PG	Professional Geologist
TCE	Trichloroethylene
VC	Vinyl chloride
VOC	Volatile organic compound

1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering and Geology, P.C. (EA) to perform site monitoring activities at the Active Industrial Uniform Site (NYSDEC Site No. 152125), which includes long-term groundwater monitoring and maintenance of the groundwater monitoring well network. The site is located at 63 West Merrick Road (also known as West Montauk Highway, or State Route 27), in the town of Lindenhurst, Suffolk County, New York (**Figure 1**). The current remedial action activities are being conducted under the NYSDEC Division of Environmental Remediation Contract Work Assignment No. D009806-34.

This report provides a summary of the groundwater monitoring activities performed by EA in September 2024. Groundwater monitoring data prior to September 2024 were provided by the previous NYSDEC consultant, HRP Associates. The site groundwater monitoring activities were completed in accordance with the applicable guidelines and requirements of the NYSDEC. A draft report was submitted to NYSDEC in March 2025, with subsequent discussions to finalize the recommendations presented herein.

1.1 OBJECTIVES

The September 2024 groundwater monitoring event consisted of the following activities:

- Inspection of all groundwater monitoring wells.
- Document concentrations of volatile organic compounds (VOCs) in on-site and off-site groundwater. Groundwater samples were analyzed for VOC concentrations via U.S. Environmental Protection Agency Method SW-846 8260D. The laboratory analytical data report is available upon request.

2. FIELD ACTIVITIES

2.1 GENERAL SITE CONDITION

Although a site inspection was not scheduled during field activities, a general look-over of the site was performed and the following general observations were noted on 16 September 2024:

- The site had a secure/locked gate.
- The building was secure.
- The remediation system was decommissioned and utilities disconnected.
- Site landscaping performed by others but appears well kept/mowed.

2.2 GROUNDWATER MONITORING

EA conducted groundwater sampling from 16 to 17 September 2024. A total of 13 monitoring wells and 2 recovery wells were purged and sampled using low-flow groundwater sampling methods with peristaltic pumps (**Figure 2**). The recovery wells are part of the former groundwater extraction and treatment system. Depth to water was measured at each well prior to sampling. Based on these measurements, groundwater is flowing to the east/southeast under an average hydraulic gradient of 0.002 feet per foot (**Figure 3**). Depth-to-water and groundwater elevations are provided in **Table 1**.

Water quality parameters were measured with a Horiba U-50 meter at 5-minute increments until stabilization of the following parameters was reached: pH, conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity. The measurement and stabilization of these parameters ensures that the water being pumped was representative of the aquifer.

Monitoring well purge forms are presented in **Appendix A** and daily field reports are provided in **Appendix B**. Groundwater samples were shipped under standard chain of custody procedures to SGS North America in Dayton, New Jersey. Analytical laboratory reports are available upon request. Quality assurance/quality control samples consisted of two field duplicates, one field blank per day (two field blanks total), and one matrix spike/matrix spike duplicate.

3. GROUNDWATER ANALYTICAL RESULTS

Laboratory analytical results for contaminants of concern (COCs) associated with the September 2024 groundwater monitoring event are summarized in **Tables 2 through 5** and on **Figure 4**. Monitoring wells MW-4D, MW-104, and MW-106, and recovery well RW-2, contained at least one VOC exceedance in comparison to the NYSDEC Class GA Ambient Water Quality Standard (AWQS) (NYSDEC 1998).

3.1 SITE CONTAMINANTS

Various site-specific COCs were detected in groundwater at the site. The following analyte concentrations exceeded the NYSDEC AWQS:

- Tetrachloroethylene (PCE) (AWQS is 5 micrograms per liter [$\mu\text{g/L}$])
 - MW-4D (22.7 $\mu\text{g/L}$)
 - MW-104 (45.6 $\mu\text{g/L}$)
 - MW-106 (7.2 $\mu\text{g/L}$)
- Trichloroethylene (TCE) (AWQS is 5 $\mu\text{g/L}$)
 - MW-4 (8.0 $\mu\text{g/L}$)
 - MW-104 (5.1 $\mu\text{g/L}$)
- *cis*-1,2-dichloroethene (DCE) (AWQS is 5 $\mu\text{g/L}$)
 - MW-4D (6.3 $\mu\text{g/L}$)
 - RW-2 (6.4 $\mu\text{g/L}$)

3.2 HISTORICAL TRENDS

Monitoring wells where COC concentrations have exceeded NYSDEC AWQS for the September 2024 sampling are consistent with historical exceedances, except for *cis*-1,2-DCE in RW-2. Trend graphs for site COCs are provided in **Appendix C**. Concentrations of COCs remain elevated in MW-4D (on-site) and MW-104 (on-site). MW-106 (on-site) exhibits decreasing trends for TCE, *cis*-1,2-DCE, and vinyl chloride (VC), while exceedances of PCE remain slightly elevated above the limit. MW-4D and MW104 exhibit no trend in PCE, TCE, and *cis*-1,2-DCE. Analytical results from the September 2024 sampling event for VC show a decreasing trend with no monitoring wells exceeding the limit of detection.

4. CONCLUSION AND RECOMMENDATIONS

Analytical results from the September 2024 groundwater sampling event indicate that PCE, TCE, and *cis*-1,2-DCE concentrations remain elevated above NYSDEC AWQS. Overall, the total number of monitoring wells with exceedances have decreased from about one-third to one-fifth since the April 2023 sampling event. The well monitoring network that has remained elevated has decreased in concentration in comparison to the historical 2021, 2022, and 2023 sampling events, apart from MW-4D and MW-104. MW-4D indicates no real trend for PCE, TCE, and *cis*-1,2-DCE exceedances, but has a decreased concentration of VC. MW-104 results remain consistent in comparison to historical values.

It is recommended that groundwater sampling be reduced to the following wells: MW-2S, MW-4D, MW-104, MW-106, and RW-2. Upon approval from NYSDEC, the Site Management Plan (NYSDEC 2012) should be updated to reflect this change. Groundwater samples should be analyzed for VOCs (including site COCs PCE, TCE, *cis*-1,2-DCE, and VC) with recommended evaluation of per- and polyfluoroalkyl substances and 1,4-dioxane.

5. REFERENCES

New York State Department of Environmental Conservation (NYSDEC). 2012. *NYSDEC Division of Environmental Remediation Active Industrial Uniform, Site Number 152125, Site Management Plan*. September.

———.1998. Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. October (revised).

Tables

Table 1. Groundwater Elevations, September 2024

Monitoring Well	PVC Elevation (ft-NAVD88)	Depth to Water (feet bgs)	Groundwater Elevation (feet-NAVD88)
MW-2S	NA	5.42	NA
MW-4D	8.26	6.38	1.88
MW-5S	8.33	6.21	2.12
MW-101	8.83	6.84	1.99
MW-102	8.66	6.66	2.00
MW-103	8.57	6.60	1.97
MW-104	8.69	6.55	2.14
MW-105	8.58	6.63	1.95
MW-106	8.50	6.60	1.90
MW-107	8.44	6.55	1.89
MW-108	8.82	6.85	1.97
MW-109	1.21	0.81	0.40
MW-111	NA	2.94	NA
RW-1	NA	9.55	NA

Notes:

bgs = Below ground surface

NA = Non-applicable. No survey data for well exists.

NAVD 88 = Vertical datum

NM = Not measured

PVC = Polyvinyl chloride

Table 2. Historical Summary of PCE Concentrations

Monitoring Well ID	PCE					
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	0.8	29	1.8	16	8.7	1.5
MW-4D (on-site)	37	54	95	31	5.2	22.7
MW- 5S (on-site)	0.57	0.41	0.34	1.6	0.48	<0.56
MW-101 (on-site)	NS	0.85	NS	0.86	0.84	0.59
MW-102 (on-site)	NS	<1	NS	0.56	0.55	0.68
MW-103 (on-site)	2.7	3	5.3	3.8	3.5	2.5
MW-104 (on-site)	24	50	50	37	20	45.6
MW-105 (on-site)	5.3	1.3	0.5	5.5	4.8	1.5
MW-106 (on-site)	11	15	11	6.4	12	7.2
MW-107 (on-site)	2.8	1.3	1.2	3.1	1.6	0.88
MW-108 (on-site)	NS	3.4	NS	3.6	2.2	<0.56
MW-109 (off-site)	NS	0.84	NS	<0.2	ND	0.84
MW-111 (off-site)	NS	<1	NS	<0.2	ND	<0.56
RW-1 (on-site)	0.47	0.83	<1	<0.2	ND	<0.56
RW-2 (off-site)	<1	<1	<1	<0.2	ND	<0.56
Class GA Groundwater	5					

Notes:

Concentrations are in microgram(s) per liter (µg/L)

ND = Not detected

NS = Not sampled

PCE = Tetrachloroethylene

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 3. Historical Summary of TCE Concentrations

Monitoring Well ID	TCE					
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	<1	7.9	0.34	5.7	3.2	<0.53
MW-4D (on-site)	8.7	7.8	13	31	92	8
MW- 5S (on-site)	<0.18	<1	<1	31	ND	<0.53
MW-101 (on-site)	NS	0.53	NS	0.28	0.3	<0.53
MW-102 (on-site)	NS	<1	NS	<0.18	ND	<0.53
MW-103 (on-site)	0.66	0.64	0.65	0.89	0.58	0.69
MW-104 (on-site)	3.4	4.5	5.8	4.5	2.4	5.1
MW-105 (on-site)	0.37	<1	0.43	0.39	0.64	<0.53
MW-106 (on-site)	5.3	3.2	2.8	2.6	2.5	<0.53
MW-107 (on-site)	0.42	0.61	0.53	0.26	ND	1.2
MW-108 (on-site)	NS	3.2	NS	0.31	ND	<0.53
MW-109 (off-site)	NS	1.6	NS	0.43	0.42	1.3
MW-111 (off-site)	NS	<1	NS	<0.18	ND	<0.53
RW-1 (on-site)	NS	<1	<1	<0.18	ND	<0.53
RW-2 (off-site)	<1	<1	<1	<0.9	ND	<0.53
Class GA Groundwater	5					

Notes:

Concentrations are in microgram(s) per liter (µg/L)

ND = Not detected

NS = Not sampled

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 4. Historical Summary of *cis*-1,2-DCE Concentrations

Monitoring Well ID	<i>cis</i> -1,2-DCE					
Sampling Period	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	1.2	100	3.2	44	34	3.7
MW-4D (on-site)	280	2.4	2	22	210	6.3
MW- 5S (on-site)	<1	<1	<1	<0.15	ND	<0.51
MW-101 (on-site)	NS	<1	NS	<0.15	ND	<0.51
MW-102 (on-site)	NS	<1	NS	<0.15	ND	<0.51
MW-103 (on-site)	0.57	<1	<1	<0.15	ND	<0.51
MW-104 (on-site)	0.79	8.1	1.6	0.67	0.39	3.8
MW-105 (on-site)	150	16	0.25	0.82	11	<0.51
MW-106 (on-site)	9.8	13	13	10	3	4.1
MW-107 (on-site)	<1	<1	<1	<0.15	ND	<0.51
MW-108 (on-site)	NS	<1	NS	0.4	ND	<0.51
MW-109 (off-site)	NS	1.9	NS	0.66	0.49	1.3
MW-111 (off-site)	NS	<1	NS	<0.15	ND	<0.51
RW-1 (on-site)	<1	0.52	<1	<0.15	ND	<0.51
RW-2 (off-site)	1.6	0.5	<1	<0.75	ND	6.4
Class GA Groundwater	5					

Notes:

Concentrations are in microgram(s) per liter (µg/L)

DCE = Dichloroethylene

ND = Not detected

NS = Not sampled

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

Table 5. Historical Summary of VC Concentrations

Monitoring Well ID	VC					
	Apr-21	Jul-21	Oct-21	Jul-22	Apr-23	Sep-24
MW-2S (off-site)	<1	11	<1	2.3	2.2	<0.52
MW-4D (on-site)	0.96	<1	<1	19	120	<0.52
MW- 5S (on-site)	<1	<1	<1	<0.2	ND	<0.52
MW-101 (on-site)	NS	<1	NS	<0.2	ND	<0.52
MW-102 (on-site)	NS	<1	NS	<0.2	ND	<0.52
MW-103 (on-site)	<1	<1	<1	<0.2	ND	<0.52
MW-104 (on-site)	<1	<1	<1	<0.2	ND	<0.52
MW-105 (on-site)	12	1	<1	<0.2	2.1	<0.52
MW-106 (on-site)	0.67	1.6	2.4	<0.26	ND	<0.52
MW-107 (on-site)	<1	<1	<1	<0.2	ND	<0.52
MW-108 (on-site)	NS	<1	NS	<0.2	ND	<0.52
MW-109 (off-site)	NS	<1	NS	<0.2	ND	<0.52
MW-111 (off-site)	NS	<1	NS	<0.2	ND	<0.52
RW-1 (on-site)	<1	<1	<1	<0.2	ND	<0.52
RW-2 (off-site)	<1	<1	<1	<1	ND	<0.52
Class GA Groundwater	2					

Notes:

Concentrations are in microgram(s) per liter (µg/L)

ND = Not detected

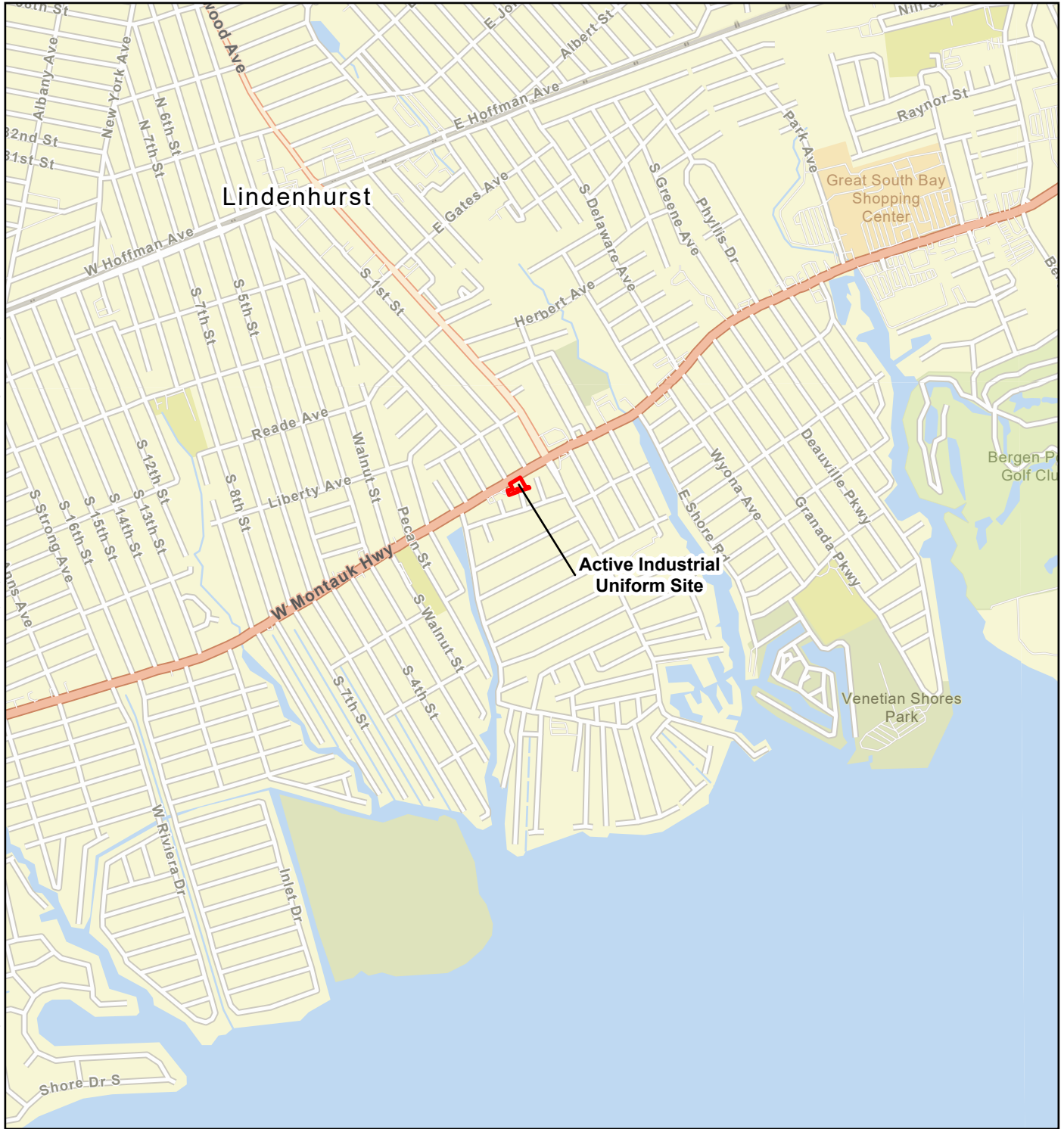
NS = Not sampled

VC = Vinyl chloride

Cells shaded gray = parameter reported at a concentration greater than applicable regulatory standard

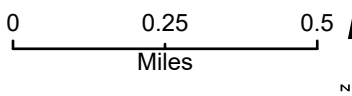
Figures

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Legend
 Approximate Site Boundary

FIGURE 1
SITE LOCATION
Active Industrial Uniform (152125)
Lindenhurst, New York



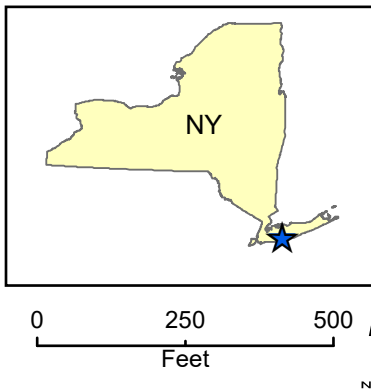
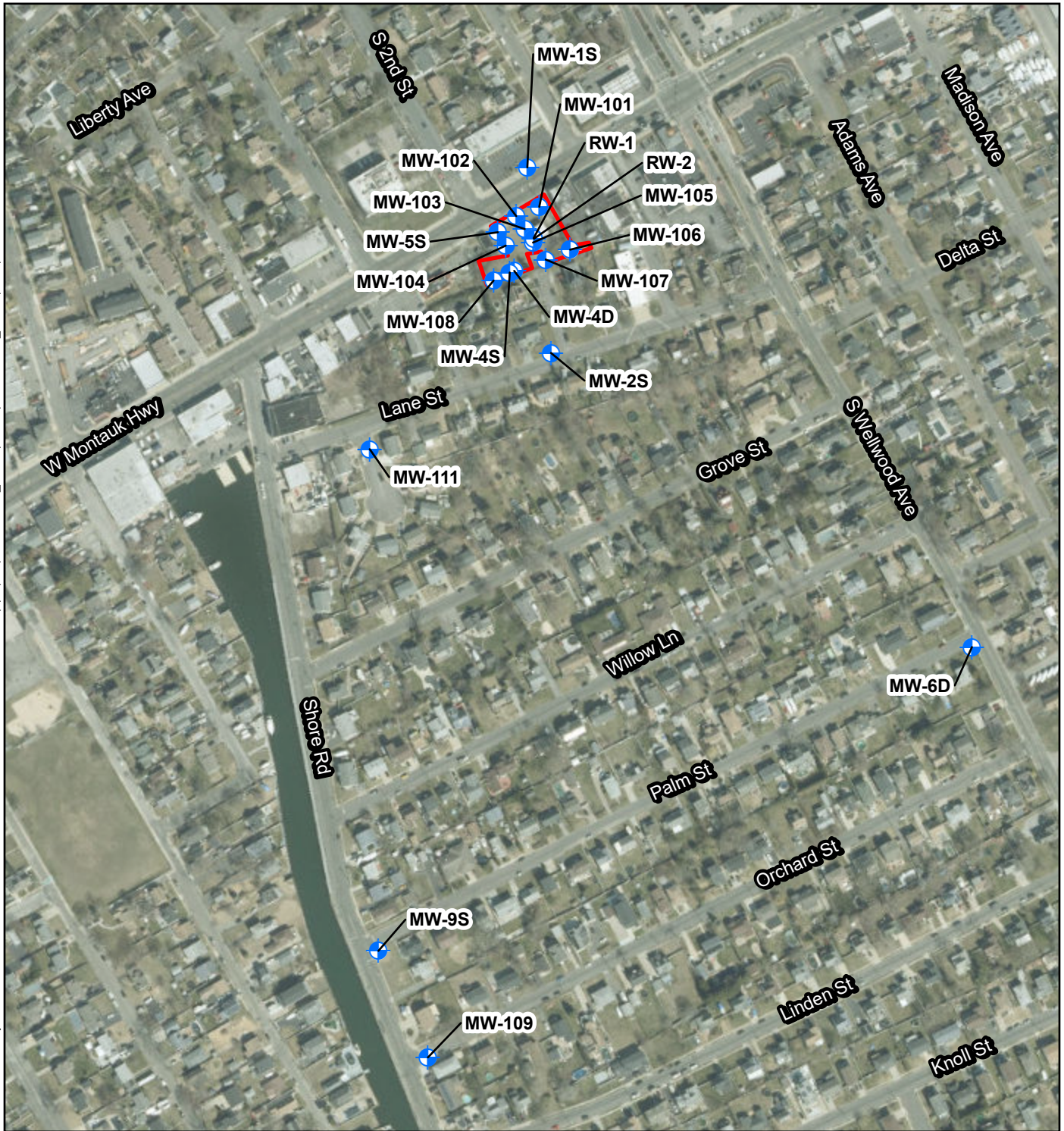
Map Date: 3/6/2025
Projection: NAD83 State Plane New York Long Island (in feet)



Department of
Environmental
Conservation



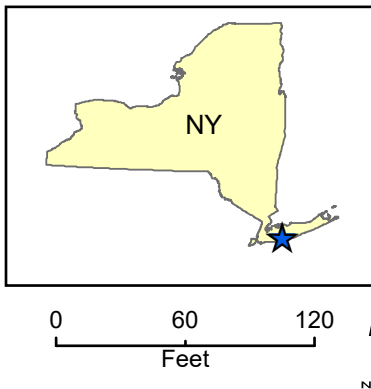
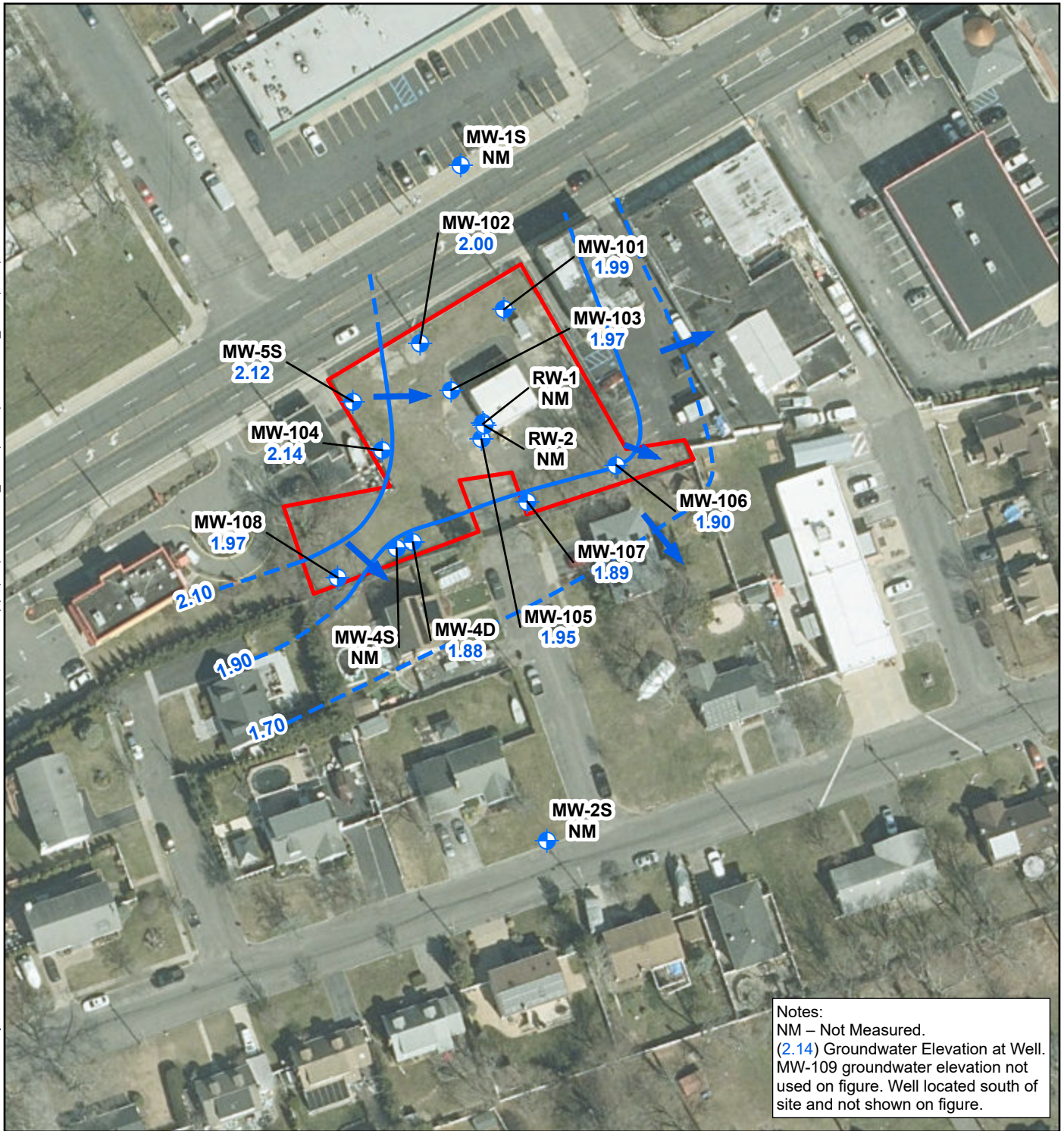
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Legend
 Approximate Site Boundary
 Monitoring Wells

FIGURE 2
SITE MONITORING WELLS
Active Industrial Uniform (152125)
Lindenhurst, New York

Map Date: 8/6/2025
Projection: NAD83 State Plane New York Long Island (in feet)

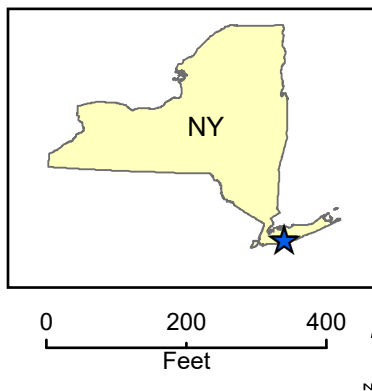
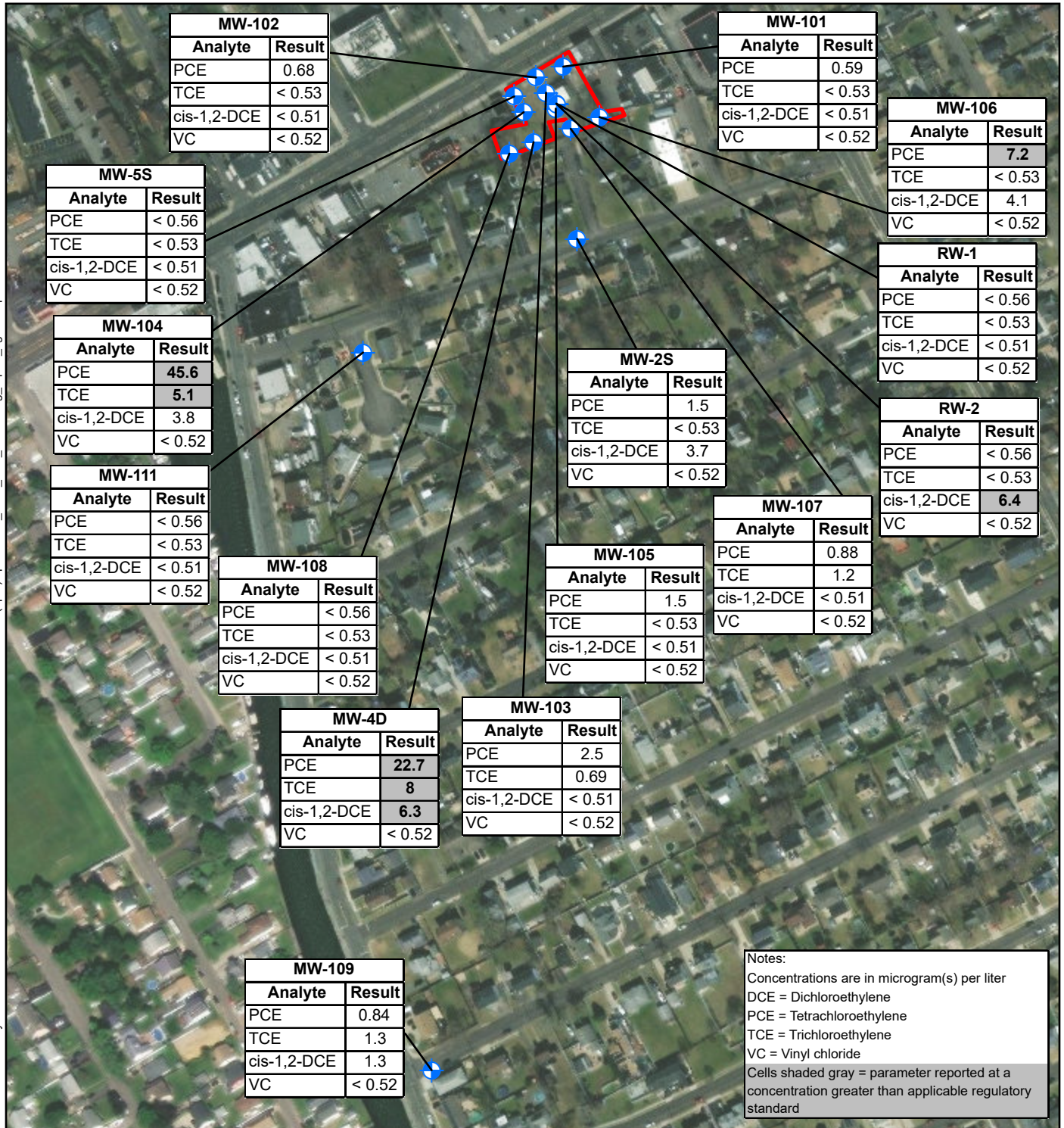


- Legend**
- ▭ Site Boundary
 - Groundwater Elevation Contour (.2 foot interval)
 - - (Dashed where Inferred)
 - ➔ Groundwater Flow Direction
 - ⊕ Monitoring Wells

FIGURE 3
SEPTEMBER 2024 GROUNDWATER ELEVATIONS
 Active Industrial Uniform (152125)
 Lindenhurst, New York

Map Date: 8/6/2025
 Projection: NAD83 State Plane New York Long Island (in feet)

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Legend

- Site Boundary
- Monitoring Wells

FIGURE 4
SEPTEMBER 2024
ANALYTICAL RESULTS
Active Industrial Uniform (152125)
Lindenhurst, New York

Map Date: 3/6/2025
Projection: NAD83 State Plane New York Long Island (in feet)

Appendix A

Monitoring Well Purge Logs



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Achene Industrial	Project No:		Page	1	of	1
Well ID	MW-25	Date	9/17/24	Time	1318		
Well Site Description	Good						
Weather/Temp							
Field Technician	A. Fay						

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	
Well Diameter (in.)	2.0	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	18.45	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	5.42
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	15'	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Recovery Rate (mL/min)	
Total Volume Removed (L)		Volume removed (L)	
		Restart Purge Time	
		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/17	1318	250	0	6.09	0.395	24.39	79	0.0	2.01	5.42
	1323		1.25	5.85	0.325	22.45	103	0.0	0.94	5.42
	1328		2.5	5.75	0.326	21.73	115	0.0	0.68	5.42
	1333		3.75	5.74	0.327	21.72	121	0.0	0.66	5.42
	1338		5	5.71	0.329	21.59	127	0.0	0.55	5.42
	1343		6.25	5.66	0.328	21.33	136	0.0	0.48	5.42
	1348		7.5	5.66	0.328	21.31	136	0.0	0.47	5.42
	1353		8.75	5.66	0.329	21.30	137	0.0	0.47	5.42

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/17/24	Sample Time	1353
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Fay	Signature	A. Fay



WELL PURGING AND SAMPLING RECORD

Site Name/Location <u>Active Industry</u>	Project No:	Page <u>1</u> of <u>1</u>
Well ID <u>MW-4D</u>	Date <u>9/17/24</u>	Time <u>1038</u>
Well Site Description		
Weather/Temp		
Field Technician <u>A. Faux</u>		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) <u>6 in</u>	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) <u>67.69</u>	Gallons per foot of depth <u>Horiba 21078</u>
Depth to product (ft)	Static water level (ft) <u>638</u>
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID <u>Peri</u>	Water Quality Meter Type / ID <u>Horiba Horiba 21078</u>	
Pump Intake Depth (ft) <u>62'</u>	Flow-Thru Cell Volume (L)	
Purge Start Time <u>1038</u>	Appearance/Odor (Start)	
Purge End Time <u>1128</u>	Appearance/Odor (End)	
Average Purge Rate (mL/min)	Total Drawdown (ft)	
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/17	1038	280	0	6.37	0.297	15.92	65	0.0	1.01	6.38
	1043		1.25	6.34	0.293	14.54	45	0.0	0.64	6.38
	1048		2.5	6.29	0.294	14.11	32	0.0	0.58	6.38
	1053		3.75	6.32	0.296	13.76	16	0.0	0.52	6.38
	1058		5	6.33	0.296	13.59	7	0.0	0.49	6.38
	1103		6.25	6.28	0.296	13.56	-5	0.0	0.47	6.38
	1108		7.5	6.32	0.296	13.58	-10	0.0	0.46	6.38
	1113		8.75	6.34	0.296	13.53	-18	0.0	0.46	6.38
	1118		10	6.36	0.296	13.55	-30	0.0	0.43	6.38
✓	1123	✓	11.25	6.37	0.296	13.60	-33	0.0	0.42	6.38
	1128		12.5	6.37	0.296	13.59	-34	0.0	0.42	6.38

COMMENTS

SAMPLE COLLECTION

Sample Date <u>9/17/24</u>	Sample Time <u>1128</u>
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler <u>A. Faux</u>	Signature <u>A. Faux</u>

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Indust.	Project No: 1602534.08	Page 1 of 1
Well ID	MW-55	Date 9/17/24	Time 930 am
Well Site Description			
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs) 13 (?) - 23.5 (?)
Well Diameter (in.)	Nominal Borehole Diameter (in.) 2 inch

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 23.52	Gallons per foot of depth
Depth to product (ft)	Static water level (ft) 6.21
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID	
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)	Stop Time	Volume removed (L)	
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time	
Total Volume Removed (L)		Total Pump Time (min)	

[illegible]

COMMENTS

SAMPLE COLLECTION

Sample Date	9/17/24	Sample Time	10:10
Sample ID	152125-mw-55-09172024		
QA/QC Collected / ID		Sample Appearance/Odor	None
Analyses			
Sampler		Signature	Adam Carr ✓



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:	Page 1 of 1
Well ID	MW-101	Date	9/17/24
Well Site Description	Good	Time	0920
Weather/Temp	69°F cloudy		
Field Technician	A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) 2 in	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 11.43	Gallons per foot of depth
Depth to product (ft)	Static water level (ft) 6.84
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	10'	Flow-Thru Cell Volume (L)	
Purge Start Time	0920	Appearance/Odor (Start)	
Purge End Time	1010	Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Volume removed (L)	
		Recovery Rate (mL/min)	
		Restart Purge Time	
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/17	0920	250	0	6.03	0.419	20.13	18	3.6	2.32	6.84
	0925		0.25	6.18	0.389	20.13	5	10.7	1.99	6.84
	0930		0.5	6.27	0.377	20.34	50	0.0	2.13	6.84
	0935		0.75	6.30	0.378	20.49	50	0.0	1.87	6.84
	0940		1	6.33	0.376	20.61	38	0.0	1.53	6.84
	0945		1.25	6.36	0.369	20.67	17	0.0	1.38	6.84
	0950		1.5	6.37	0.362	20.69	-15	0.0	1.30	6.84
	0955		1.75	6.43	0.338	20.74	-31	0.0	1.26	6.84
	1000		2.0	6.40	0.335	20.78	-36	0.0	1.25	6.84
	1005		2.25	6.42	0.334	20.77	-38	0.0	1.23	6.84
	1010		2.5	6.39	0.332	20.75	-39	0.0	1.25	6.84

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/17/24	Sample Time	1010
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Faux	Signature	A. Faux



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:	Page of
Well ID	MW-102	Date	9/16/24
Well Site Description	Good	Time	1645
Weather/Temp			
Field Technician	A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	Gallons per foot of depth
Depth to product (ft)	Static water level (ft)
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	10'	Flow-Thru Cell Volume (L)	
Purge Start Time	1645	Appearance/Odor (Start)	
Purge End Time	1715	Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	Volume removed (L)
Recovery Time		Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/16	1645	250	0	6.37	0.474	22.53	17	11.3	1.42	6.66
	1650		0.25	5.85	0.465	22.62	12	6.8	1.44	6.66
	1655		0.5	6.21	0.467	22.48	15	3.5	1.26	6.66
	1700		0.75	6.19	0.460	22.44	18	0.6	1.13	6.66
	1705		1	6.18	0.458	22.40	22	0.0	1.02	6.66
	1710		1.25	6.17	0.456	22.37	23	0.0	0.99	6.66
✓	1715	✓	1.5	6.17	0.456	22.35	25	0.0	0.88	6.66

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/16/24	Sample Time	1715
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Faux	Signature	Alex Faux

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:	Page 1 of 1
Well ID	MW-103	Date	7/16/24
Well Site Description		Time	1605
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	12.74	Gallons per foot of depth
Depth to product (ft)		Static water level (ft) 6.66
Product column height (ft)		Water column height (ft)
Product volume (Gallons)		Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID	
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)	Stop Time	Volume removed (L)	
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time	
Total Volume Removed (L)		Total Pump Time (min)	

[illegible]

COMMENTS

SAMPLE COLLECTION

Sample Date	7/16/24	Sample Time	1650
Sample ID	152125-MW-103-09162024		
QA/QC Collected / ID	MS/MSD	Sample Appearance/Odor	None
Analyses			
Sampler	Signature		



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Indust.	Project No:	Page 1 of 1
Well ID	MW-104	Date	9/16/24
Well Site Description			
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	14.53	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	6.55
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 32924
Pump Intake Depth (ft)	10 ft	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	Volume removed (L)
Recovery Time		Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
1715	1720	250	0	6.00	.317	25.46	214			
	1715	250	0	6.93	.403	22.46	221	116	0	
	1720		1.25	7.01	.413	22.09	214	68.8	0	
	1725		2.5	7.06	.432	21.81	209	46.9	0	
	30		3.75	7.08	.440	21.71	208	41.6	0	
	35		5	7.09	.449	21.64	207	38.1	0	
	40		6.25	7.16	.454	21.57	207	36.6	0	
	45		7.5	7.11	.455	21.55	206	35.8	0	
	50									

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/16/24	Sample Time	
Sample ID	152125-MW-104-09162024		
QA/QC Collected / ID		Sample Appearance/Odor	None
Analyses			
Sampler	A. Carey	Signature	Adam Carey



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:		Page	of
Well ID	MW-105	Date	9/16/24	Time	1555
Well Site Description	Good				
Weather/Temp					
Field Technician	A. Faux				

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	
Well Diameter (in.)	2 in	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	14.26	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	6.63
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	10	Flow-Thru Cell Volume (L)	
Purge Start Time	1555	Appearance/Odor (Start)	
Purge End Time	1625	Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Recovery Rate (mL/min)	
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/16	1555	250	0	6.55	0.574	21.12	25	21.3	3.14	6.63
	1600		1.25	6.19	0.564	21.31	23	5.6	0.98	6.63
	1605		2.5	6.17	0.584	21.69	19	3.3	0.77	6.63
	1610		3.75	6.18	0.602	21.94	17	1.6	0.70	6.63
	1615		6	6.18	0.603	22.10	18	1.2	0.67	6.63
	1620		6.25	6.19	0.604	22.20	17	0.6	0.67	6.63
✓	1625	✓	7.5	6.20	0.607	22.41	18	0.0	0.64	6.63

COMMENTS

SAMPLE COLLECTION

Sample Date	9/16/24	Sample Time	1625
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Faux	Signature	A. Faux

WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Indust.	Project No:	1602574	Page	1	of	1
Well ID	MW-106	Date	9/16/24	Time	1310		
Well Site Description							
Weather/Temp							
Field Technician							

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs) 5-15
Well Diameter (in.) 2	Nominal Borehole Diameter (in.) 2

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	13.51	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	6.60
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID		Water Quality Meter Type / ID	
Pump Intake Depth (ft)		Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)	Stop Time	Volume removed (L)	
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time	
Total Volume Removed (L)		Total Pump Time (min)	

[illegible]

COMMENTS _____

SAMPLE COLLECTION

Sample Date	Sample Time
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler	Signature



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Endust	Project No:	Page 1 of
Well ID	MW-607	Date	9/16/24
Well Site Description	Good	Time	1350
Weather/Temp			
Field Technician	A. Faux		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)	5-15
Well Diameter (in.)	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	14.50	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	6.55
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	12' bgs	Flow-Thru Cell Volume (L)	
Purge Start Time	1350	Appearance/Odor (Start)	
Purge End Time	1435	Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Volume removed (L)	
		Recovery Rate (mL/min)	
		Restart Purge Time	
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/16	1350	250	0	6.39	0.329	20.06	-75	663	0.73	6.55
	1355		1.25	6.42	0.331	19.97	-82	430	0.76	6.55
	1400		2.5	6.38	0.336	20.29	-54	56.9	0.72	6.55
	1406		3.75	6.32	0.333	20.13	-59	26.6	0.63	6.55
	1410		5	6.33	0.347	20.18	-84	17.7	0.71	6.55
	1415		6.25	6.36	0.348	20.33	-91	12.1	0.64	6.55
	1420		7.5	6.37	0.349	20.45	-96	10.7	0.70	6.55
	1425		8.75	6.38	0.352	20.54	-103	12.3	0.71	6.55
	1430		10	6.38	0.354	20.60	-108	12.7	0.73	6.55
	1435		11.25	6.36	0.354	20.61	-109	11.8	0.73	6.55

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/16/24	Sample Time	1435
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	N/A
Analyses			
Sampler	A. Faux	Signature	



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:	Page 1 of 1
Well ID	MW -108	Date	9/16/24
Well Site Description	Good	Time	1505
Weather/Temp			
Field Technician	A. Fay		

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.) 24	Nominal Borehole Diameter (in.)

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft) 14.33	Gallons per foot of depth
Depth to product (ft)	Static water level (ft) 6.85
Product column height (ft)	Water column height (ft)
Product volume (Gallons)	Water volume (Gallons)

PURGE INFORMATION

Pump Type / ID Per	Water Quality Meter Type / ID Horiba 21078	
Pump Intake Depth (ft) 10	Flow-Thru Cell Volume (L)	
Purge Start Time 1505	Appearance/Odor (Start)	
Purge End Time 1535	Appearance/Odor (End)	
Average Purge Rate (mL/min)	Total Drawdown (ft)	
Well Went Dry (Y/N)	Stop Time	Volume removed (L)
Recovery Time	Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)	Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/16	1505	250	0	6.91	0.432	18.86	-54	552	1.52	6.85
	1510		1.25	6.14	0.460	18.59	-4	14.1	0.79	6.85
	1515		2.5	6.02	0.482	18.32	27	6.3	0.66	6.85
	1520		3.75	5.98	0.491	18.11	35	2.8	0.60	6.85
	1525		5	5.95	0.490	18.02	32	2.1	0.56	6.85
	1530		6.25	5.94	0.493	18.05	33	1.6	0.55	6.85
✓	1535	✓	7.5	5.93	0.495	18.06	33	1.2	0.54	6.85

COMMENTS

SAMPLE COLLECTION

Sample Date 9/16/24	Sample Time 1535
Sample ID	
QA/QC Collected / ID	Sample Appearance/Odor
Analyses	
Sampler A. Fay	Signature A. Fay



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:		Page	1	of	1
Well ID	MW-111	Date	9/17/24	Time	1412		
Well Site Description	Good						
Weather/Temp							
Field Technician	A. Faux						

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)		Screened Interval (ft bgs)	
Well Diameter (in.)	2 in	Nominal Borehole Diameter (in.)	

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	34.31	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	2.94
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	Horiba 21078
Pump Intake Depth (ft)	30'	Flow-Thru Cell Volume (L)	
Purge Start Time	1412	Appearance/Odor (Start)	
Purge End Time	1452	Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Recovery Rate (mL/min)	
Total Volume Removed (L)		Restart Purge Time	
		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/17	1412	250	0	5.92	0.337	25.36	113	33.3	1.80	2.94
	1417		1.25	5.82	0.359	23.97	125	29.7	0.82	2.94
	1422		2.5	5.81	0.363	24.48	127	22.3	0.69	2.94
	1427		3.75	5.82	0.360	24.32	128	10.1	0.59	2.94
	1432		5	5.84	0.350	25.18	131	2.7	0.51	2.94
	1437		6.25	5.83	0.347	25.30	131	0.5	0.49	2.94
	1442		7.5	5.83	0.338	25.24	132	0.0	0.46	2.94
	1447		8.75	5.82	0.335	25.04	132	0.0	0.49	2.94
✓	1452	✓	10	5.82	0.335	25.01	133	0.0	0.48	2.94

COMMENTS _____

SAMPLE COLLECTION

Sample Date	9/17/24	Sample Time	1452
Sample ID			
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler	A. Faux	Signature	A. Faux



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Industrial	Project No:	Page 1 of 1
Well ID	RW-1	Date	9/17
Well Site Description		Time	1055
Weather/Temp			
Field Technician			

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)	10 - 40 (?)
Well Diameter (in.)	Nominal Borehole Diameter (in.)	10 in

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	33.5 fto c	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	9.55
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	32924
Pump Intake Depth (ft)	28.5 fto c	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	Volume removed (L)
Recovery Time		Recovery Rate (mL/min)	Restart Purge Time
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
9/17	10:55	250	0	6.21	.308	23.00	193	136	0	
	11:00		1.25	6.23	.309	22.37	123	123	0	
	11:05		2.5	6.26	.312	21.95	159	117	0	
	10		3.75	6.32	.314	21.42	145	96.2	0	
	15		5	6.34	.315	21.28	142	85.2	0	
	20		6.25	6.37	.316	21.09	133	74.0	0	
	25		7.5	6.39	.317	20.94	130	72.6	0	
	30		8.75	6.40	.317	20.84	128	62.2	0	
	11:35		10	6.41	.317	20.71	127	48.0	0	
	40		11.25	6.41	.317	20.62	129	41.2	0	
	45		12.5	6.42	.318	20.52	128	38.6	0	

COMMENTS obstruction prevented gauge and tubing from reaching the expected bottom at 40 ft

SAMPLE COLLECTION

Sample Date	9/17	Sample Time	1150
Sample ID	152125-RW-1-09172024		
QA/QC Collected / ID		Sample Appearance/Odor	
Analyses			
Sampler		Signature	Adam Carey



WELL PURGING AND SAMPLING RECORD

Site Name/Location	Active Indust.	Project No:	1602534	Page	1	of	1
Well ID	RW-2	Date	9/17/24	Time	1235		
Well Site Description							
Weather/Temp							
Field Technician	A Casey						

WELL CONSTRUCTION DATA

TOC Elevation (ft amsl)	Screened Interval (ft bgs)
Well Diameter (in.)	Nominal Borehole Diameter (in.) 10 in Steel

FIELD MEASUREMENTS

Well Depth (gauge after sampling) (ft)	35 floc	Gallons per foot of depth	
Depth to product (ft)		Static water level (ft)	N/A
Product column height (ft)		Water column height (ft)	
Product volume (Gallons)		Water volume (Gallons)	

PURGE INFORMATION

Pump Type / ID	Peri	Water Quality Meter Type / ID	32924
Pump Intake Depth (ft)	30 floc	Flow-Thru Cell Volume (L)	
Purge Start Time		Appearance/Odor (Start)	Black, slight sulphur
Purge End Time		Appearance/Odor (End)	
Average Purge Rate (mL/min)		Total Drawdown (ft)	
Well Went Dry (Y/N)		Stop Time	
Recovery Time		Recovery Rate (mL/min)	
Total Volume Removed (L)		Total Pump Time (min)	

Date	Time	Purge Rate (mL/min)	Volume Removed (LPM)	pH (+/-0.1)	Cond. (µS/cm) (+/- 3%)	Temp. (°C) (+/- 3%)	ORP (mV) (+/- 10)	Turbidity (NTU) +/-10% or <5 NTU	DO (mg/L) +/-10% or <0.5 mg/L	Depth to Water (ft below TOC)
	1235	250	0	9.23	0.00	17.98	-217	326	10.32	
	1240		1.25	9.37	0.00	18.03	-238	210	7.94	
	45		2.5	9.25	-	18.08	-249	266	6.96	
	50			9.18	0.001	18.01	-248	525	6.10	
	55									
	1300									
	05			9.47	.008	17.99	-7	294	7.80	
	10			9.45	.008	18.02	-5	302	7.06	
	15			9.40	"	18.11	-1	303	6.59	
	20			9.35	"	17.96	-7	308	6.05	
	1325									

COMMENTS Black purge water to start, slight sulphur smell (not hydrocarbon) smell

SAMPLE COLLECTION

Sample Date	9/17/24	Sample Time	1325
Sample ID	152125 - RW-2 - 09172024		
QA/QC Collected / ID		Sample Appearance/Odor	None
Analyses			
Sampler		Signature	Adam Casey

Appendix B

Daily Field Reports



NEW YORK STATE
Department of
Environmental
Conservation

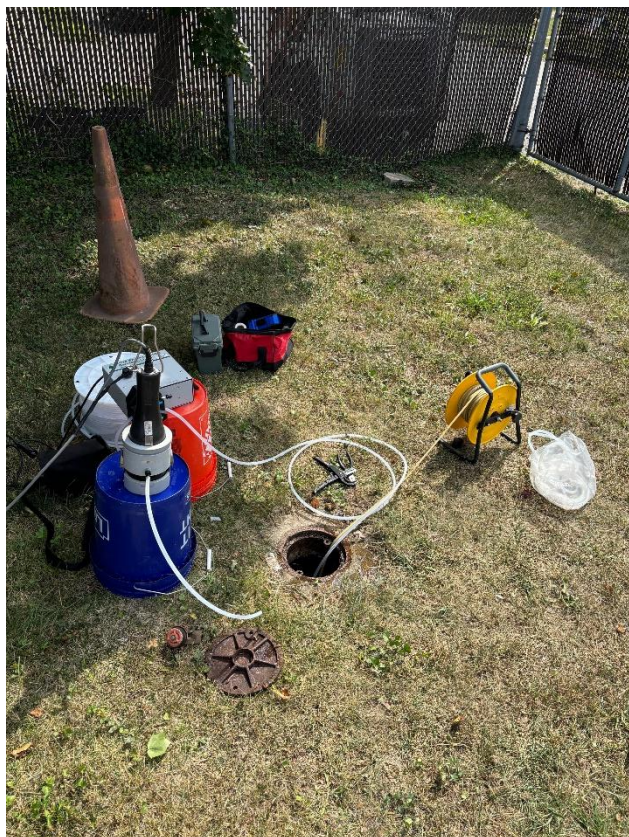
DAILY INSPECTION REPORT - No. 01
(Active Industrial Uniform), Site No. 152125

[illegible]

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Adam Carey	EA		
Alex Faux	EA		
Project Schedule Comments			
N/A			
Issues Pending			
N/A			
Interaction with Public, Property Owners, Media, etc.			
N/A			

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)



MW-107



MW-104

[illegible]

Site Inspector(s): Adam Carey	Date: 9/16/2024

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
<u>Comments:</u>		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A ☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A ☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A ☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A ☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A ☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A ☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A ☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A ☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A ☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A ☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A ☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes ☐	No ☐	N/A ☒
Was turbidity checked at the outfall(s)?	AM ☐	PM ☐	N/A ☒
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes ☐	No ☐	N/A ☒

Was the temporary fabric structure closed at the end of the day?	Yes ☐	No ☐	N/A ☒
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

RESILIENCE/GREEN REMEDIATION CHECKLIST

Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A ☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A ☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Is BART-equipped equipment properly maintained and working?	Yes ☐	No ☐	N/A ☒
Is work being sequenced to avoid double handling?	Yes ☐	No ☐	N/A ☒
Is there an onsite recycling program for CONTRACTOR-generated wastes and is it complied with?	Yes ☐	No ☐	N/A ☒
Are office trailer heating and cooling systems maintained at efficient set points, have programable thermostats been installed?	Yes ☐	No ☐	N/A ☒
Are products and materials used in performance of the work appropriately certified (e.g., LEED, Energy Star, Sustainable Forestry Initiative®, etc.)?	Yes ☐	No ☐	N/A ☒
Are resiliency features included in the design, or completed remedy properly installed and/or maintained (flood control, storm water controls, erosion measures, etc.)?	Yes ☐	No ☐	N/A ☒
Are green remediation elements included in the design, or completed remedy properly installed and/or maintained (e.g., porous pavement, geothermal, variable speed drives, native plantings, natural stream bank restoration, etc.)?	Yes ☐	No ☐	N/A ☒
Has Contractor been notified of any deficiencies?	Yes ☐	No ☐	N/A ☒
Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

* BART – Best Available Retrofit Technology

[illegible]

DAILY INSPECTION REPORT - No. 02
(Active Industrial Uniform), Site No. 152125

[illegible]

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
		Yes	No
Site Representatives			
Name	Representing		
Adam Carey	EA		
Alex Faux	EA		
Project Schedule Comments			
N/A			
Issues Pending			
N/A			
Interaction with Public, Property Owners, Media, etc.			

N/A

Include (insert) figures with markups showing location of work and job progress

Site Photographs (Descriptions Below)



Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work? Yes ☐ No ☐ N/A ☐

REMEDIAL ACTIVITIES AT PROPERTIES

1. Does anyone at this location have any symptoms of a respiratory infection (e.g., cough, sore throat, fever, or shortness of breath)?	Yes ☐	No ☒
2. Have anyone at this location been tested and confirmed to have COVID-19?	Yes ☐	No ☒
3. Were personal protective gloves, masks, and eye protection being used?	Yes ☒	No ☐
4. Does the Department and its contractors have your permission to enter the property at this time?	Yes ☐	No ☐
5. If Yes to 1 or 2, follow the latest NYSDOH COVID-19 guidance: https://coronavirus.health.ny.gov/home	Yes ☐	No ☐
<u>Comments:</u>		

ON-SITE WASTE STORAGE

Drums, roll offs and piles are staged in secure areas?	Yes ☐	No ☐	N/A ☒
Liners and berms have been installed if necessary to prevent cross contamination of clean areas?	Yes ☐	No ☐	N/A ☒
Containers are in good condition or properly overpacked?	Yes ☐	No ☐	N/A ☒
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes ☐	No ☐	N/A ☒
Complying with RCRA 90 day storage limitation for hazardous waste?	Yes ☐	No ☐	N/A ☒
Piles are securely covered when not in use?	Yes ☐	No ☐	N/A ☒
Containers are closed when not in use?	Yes ☐	No ☐	N/A ☒
Staging areas should be inspected periodically and any issues addressed immediately?	Yes ☐	No ☐	N/A ☒
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes ☐	No ☐	N/A ☒
If any issues noted, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes ☐	No ☐	N/A ☒
Were there any odors detected on this date?	Yes ☐	No ☐	N/A ☒
Was noise outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Were vibration readings outside specification and/or above background on this date?	Yes ☐	No ☐	N/A ☒
Any visible dust observed beyond the work perimeter on this date?	Yes ☐	No ☐	N/A ☒
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Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes ☐	No ☐	N/A ☒
If yes, has Contractor been notified?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

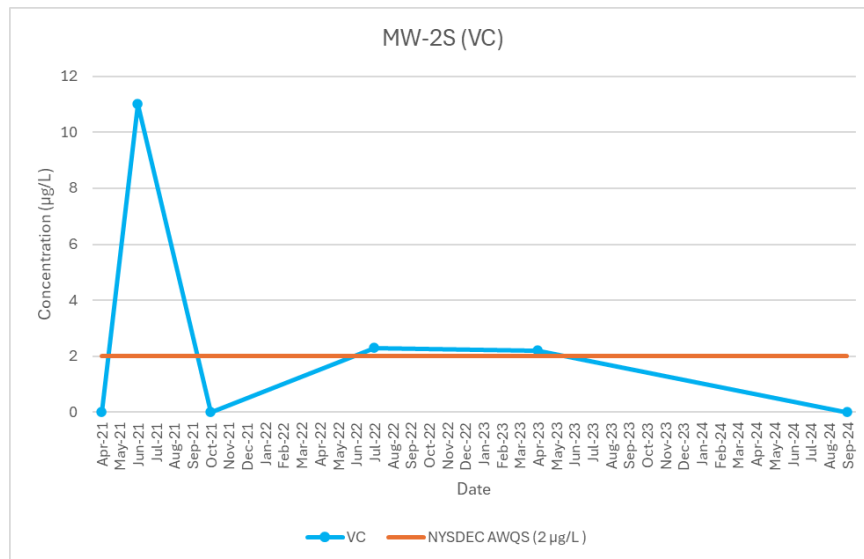
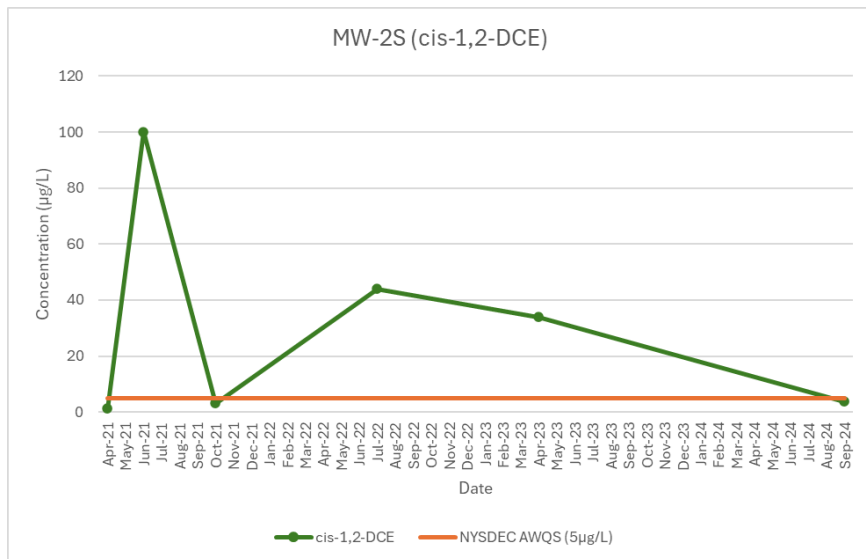
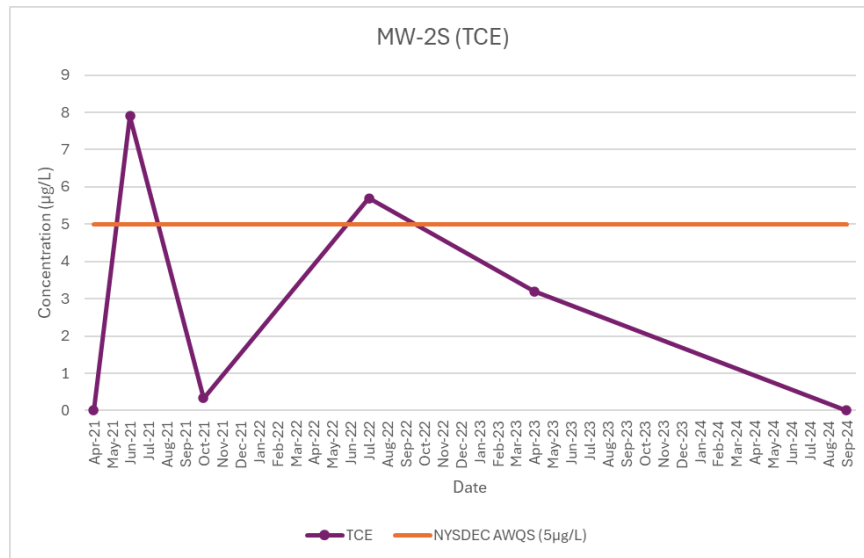
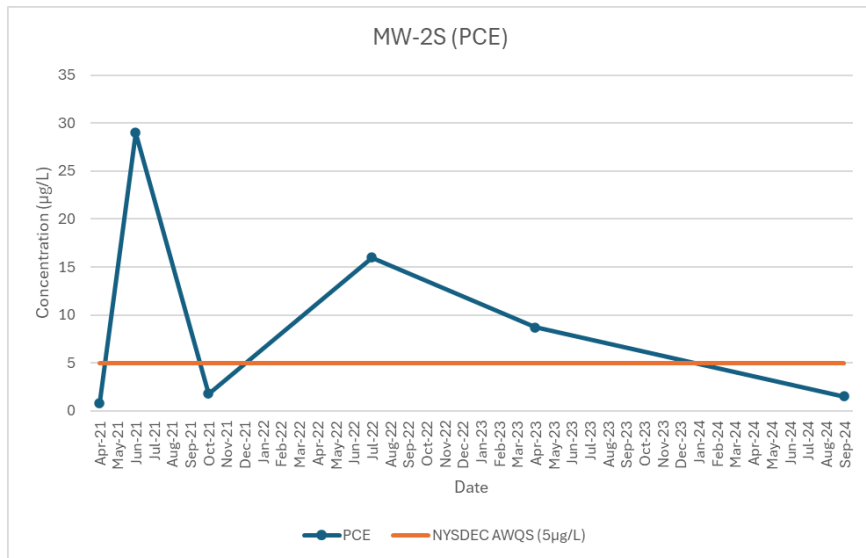
RESILIENCE/GREEN REMEDIATION CHECKLIST

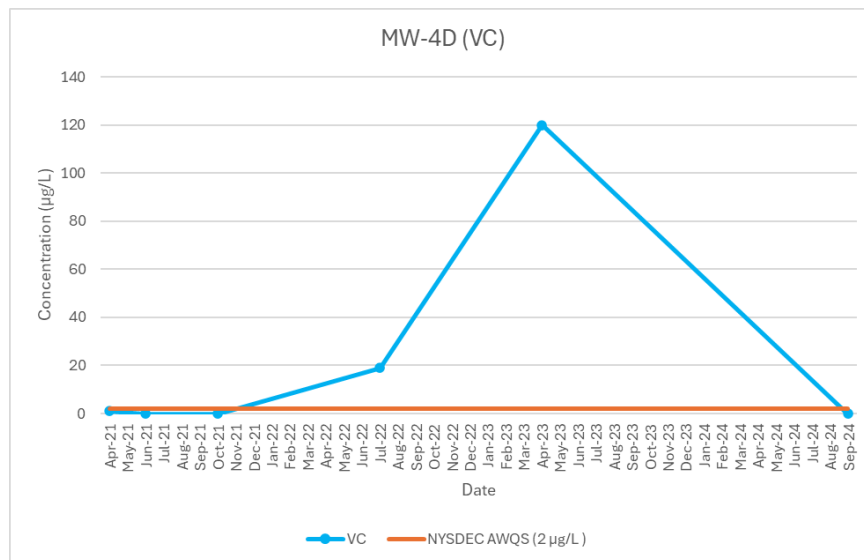
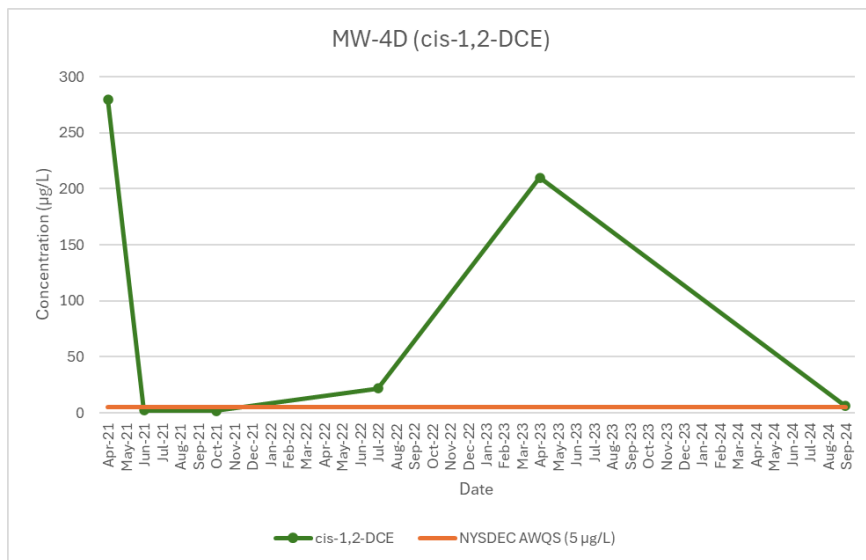
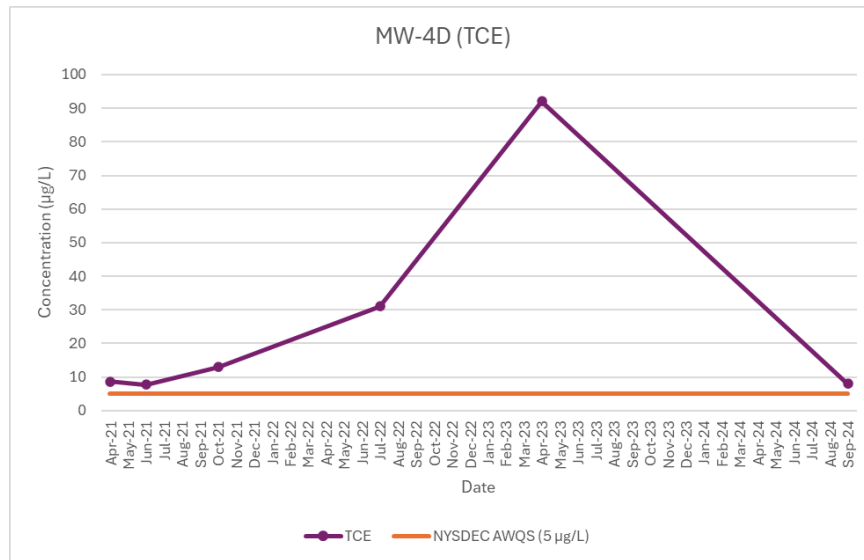
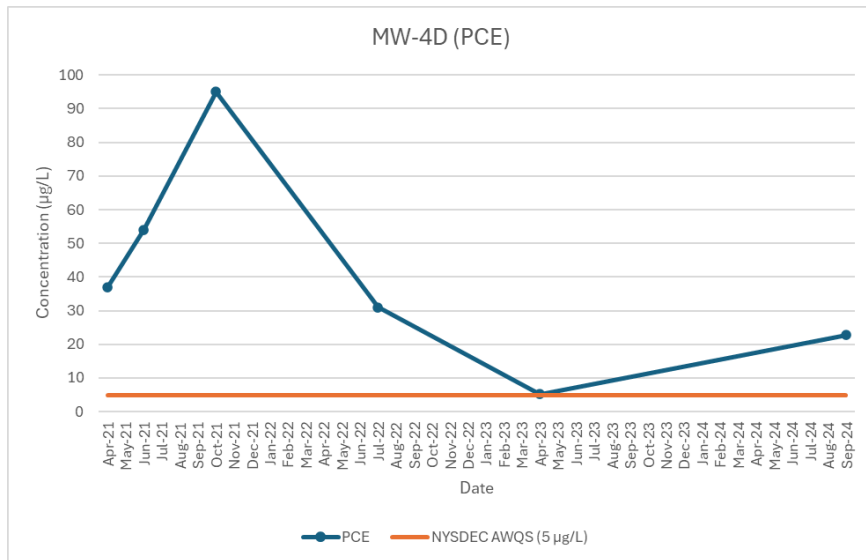
Is site power procured from renewable energy sources (e.g., solar, wind, geothermal, biomass and biogas)?	Yes ☐	No ☐	N/A ☒
Is the Contractor employing 2007 or newer or retrofitted (BART*) diesel on-road trucks and non-road equipment?	Yes ☐	No ☐	N/A ☒
Is vehicle idling adequately reduced per 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
Have equipment operators been trained in the idling requirements of 6NYCRR Part 217-3?	Yes ☐	No ☐	N/A ☒
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Are remote/call in job meetings being held in lieu of meeting in person where possible?	Yes ☐	No ☐	N/A ☒
<u>Comments:</u>			

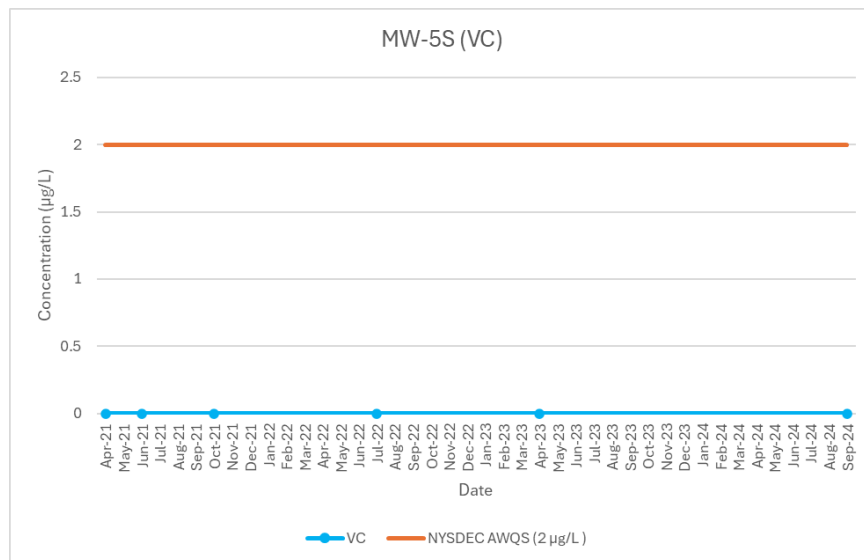
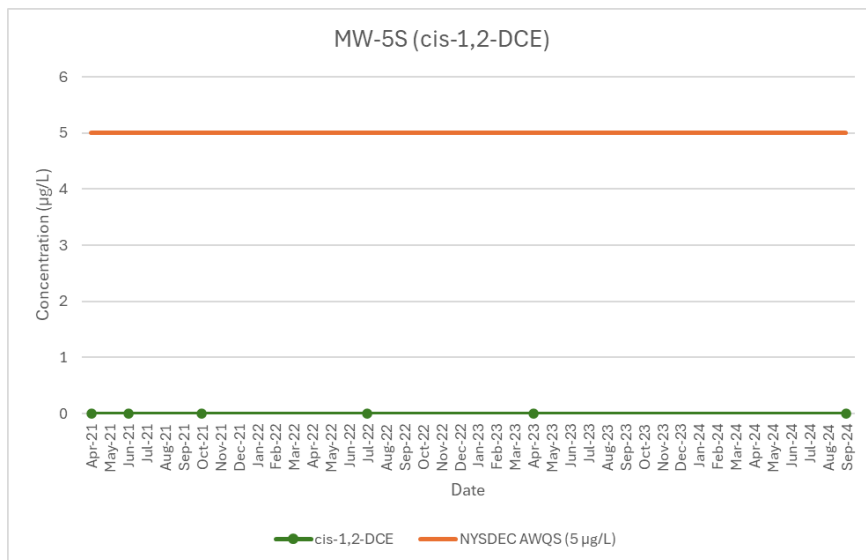
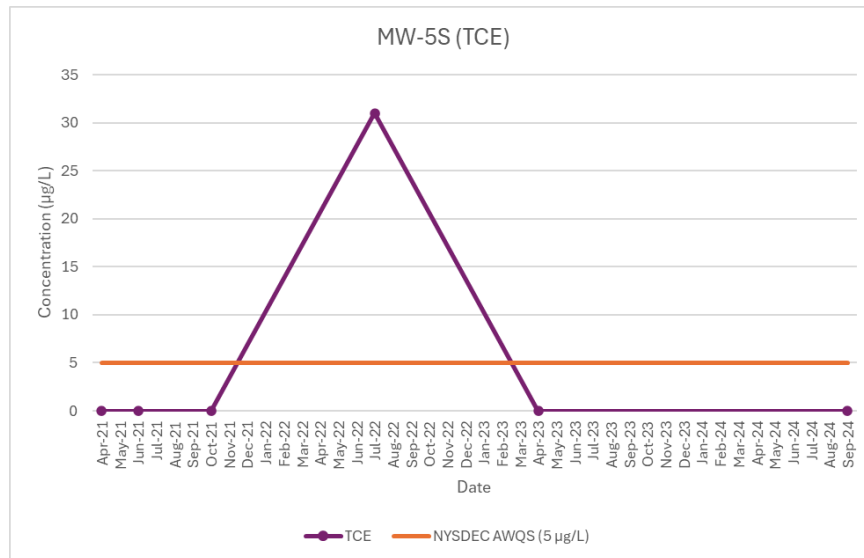
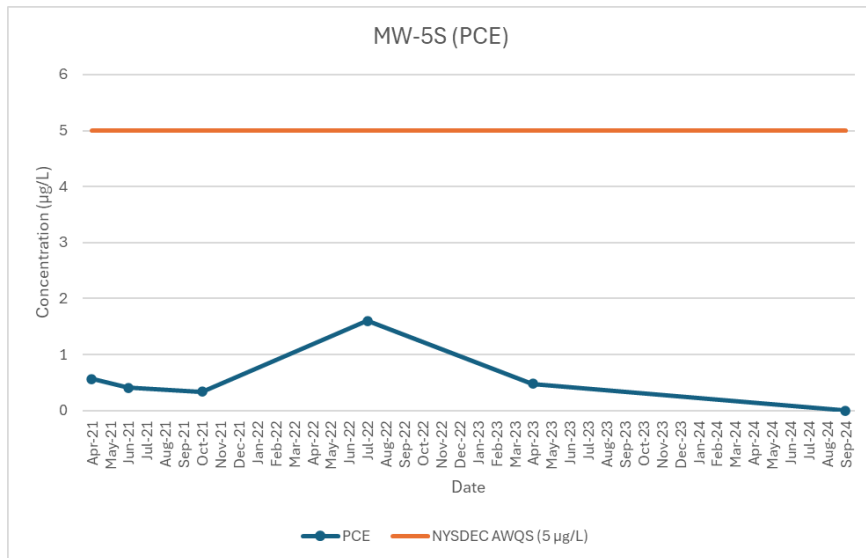
* BART – Best Available Retrofit Technology

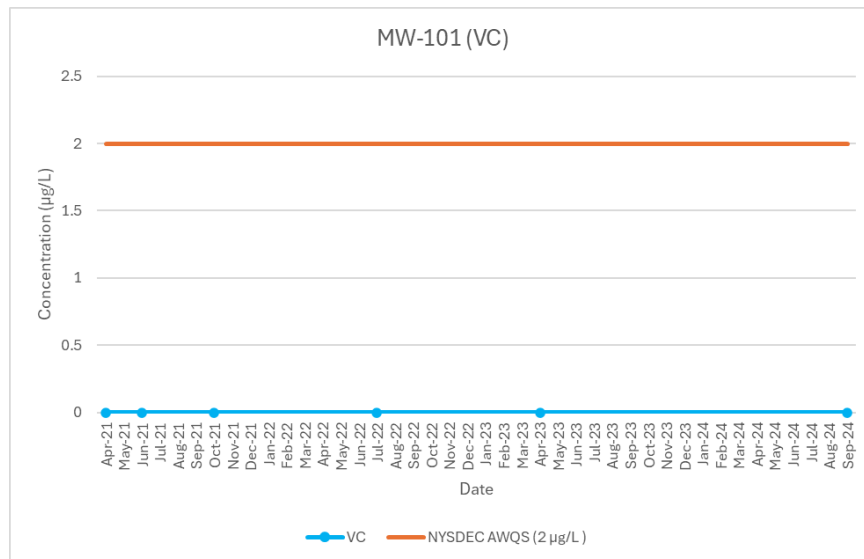
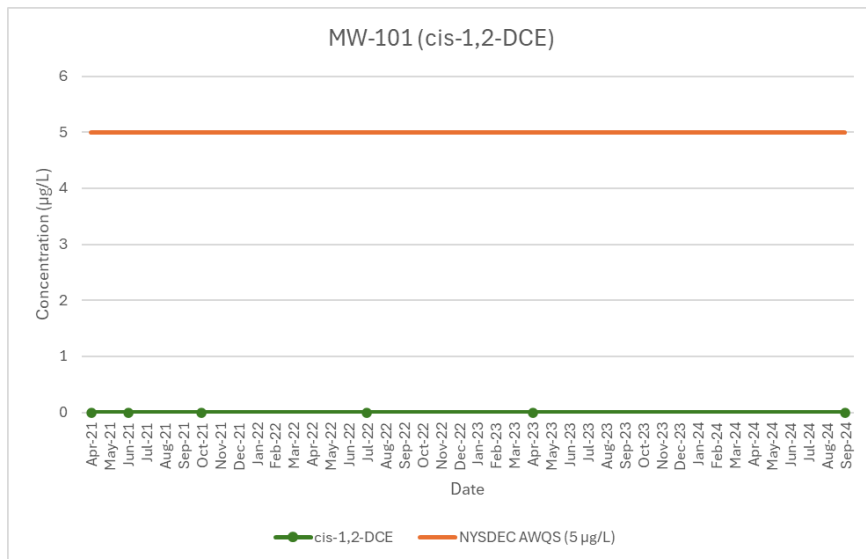
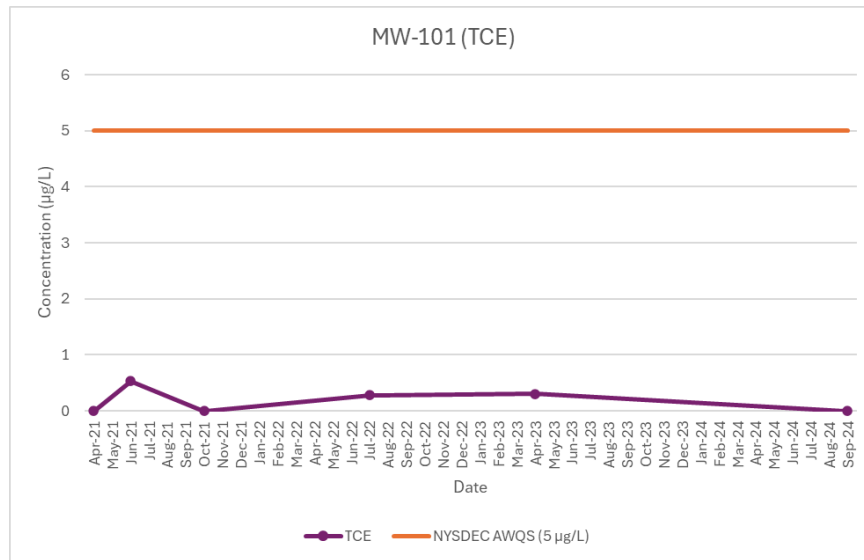
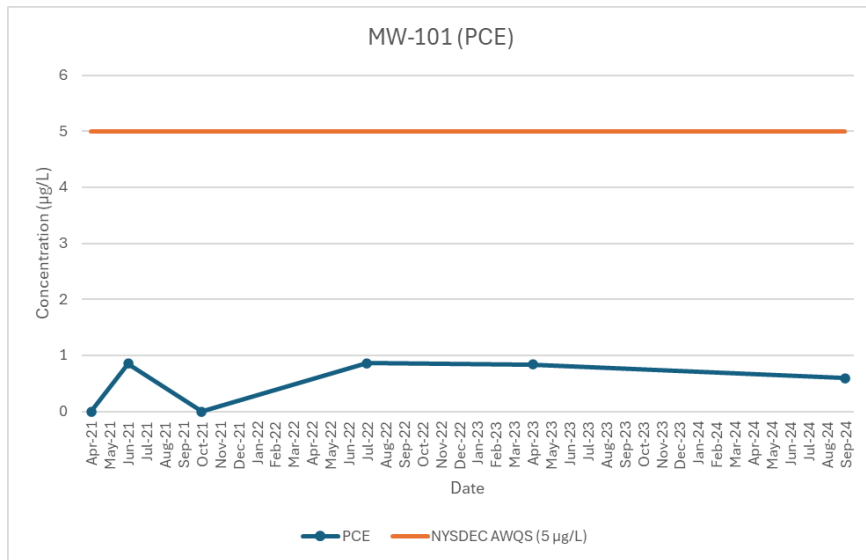
Appendix C

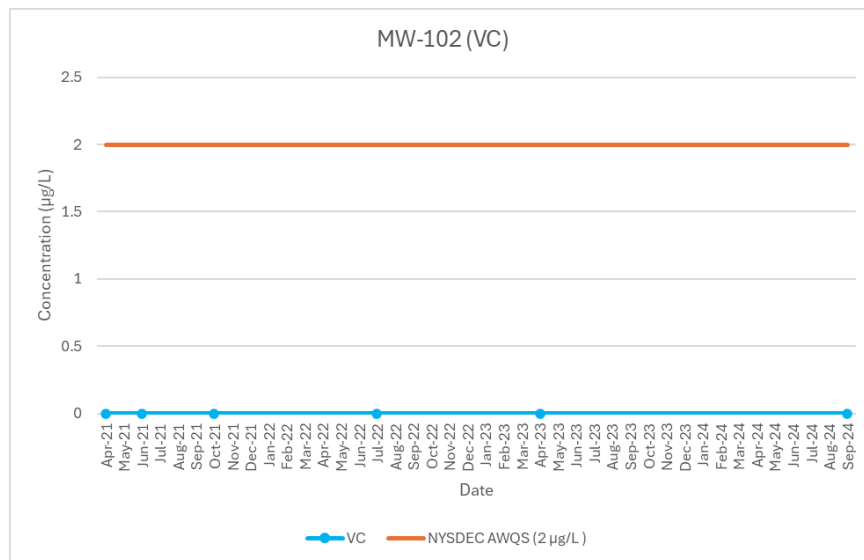
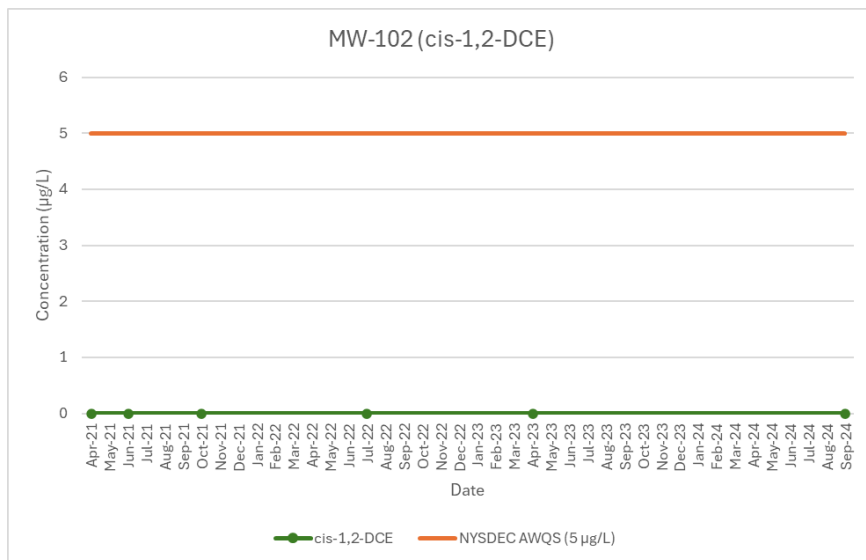
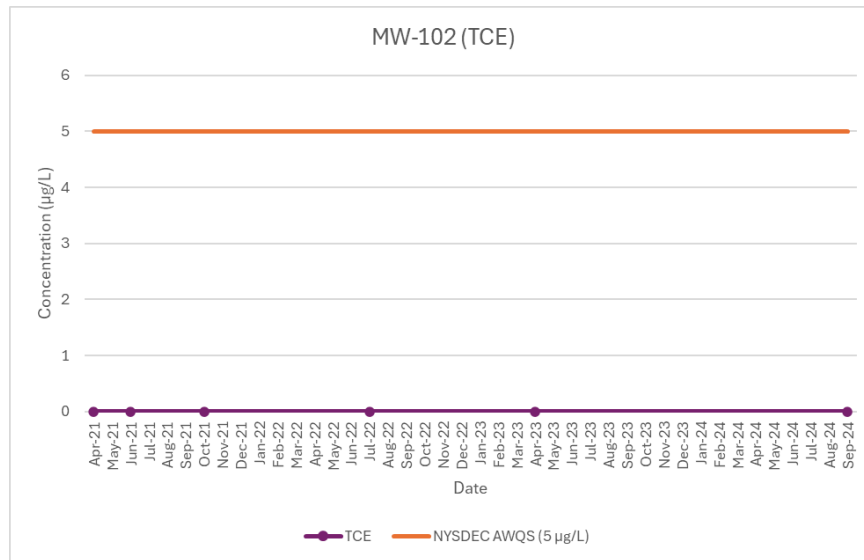
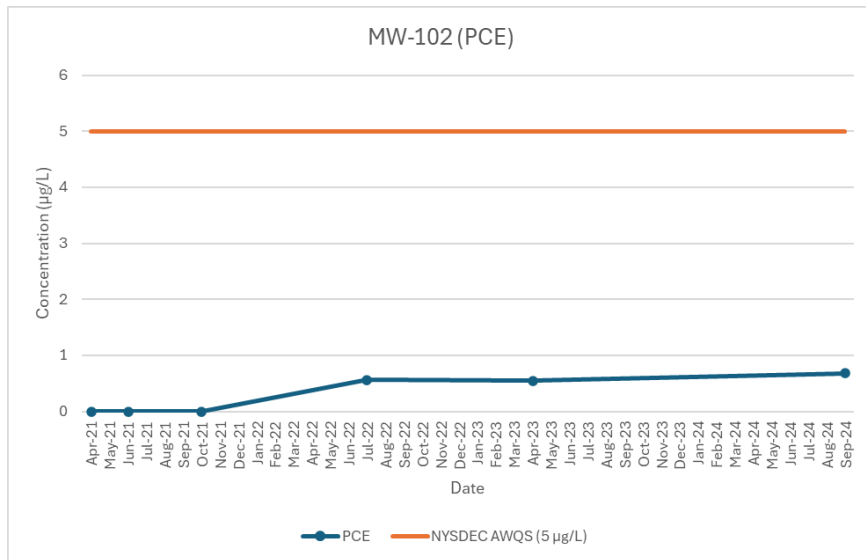
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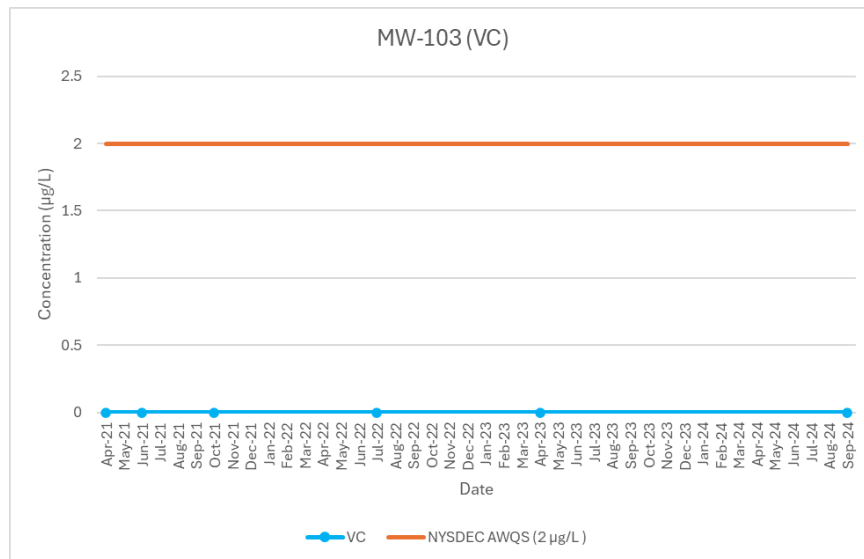
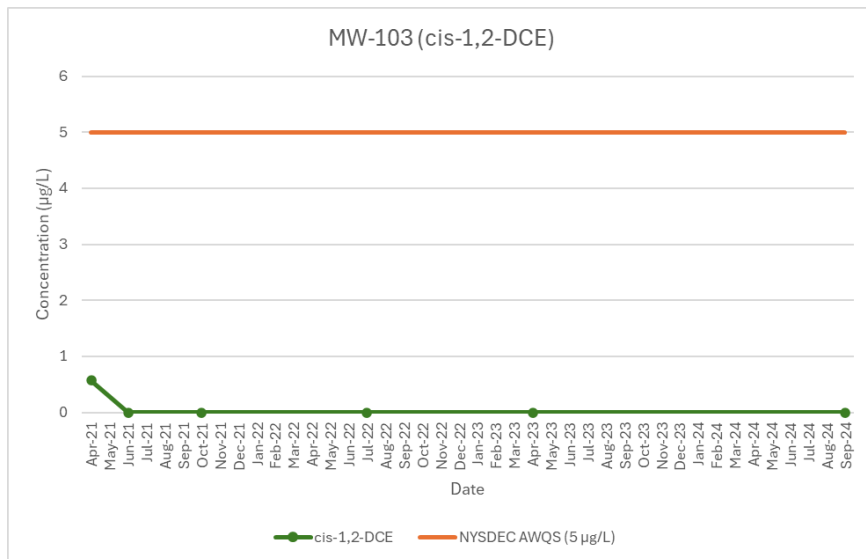
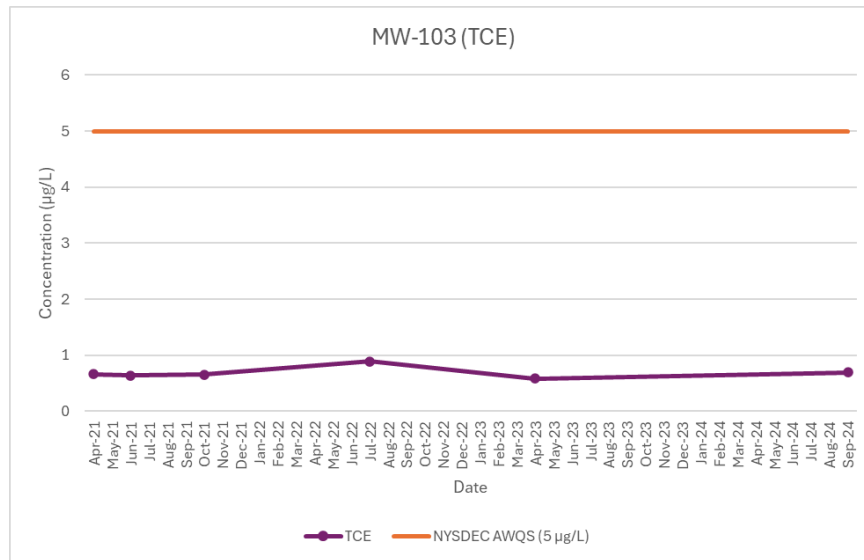
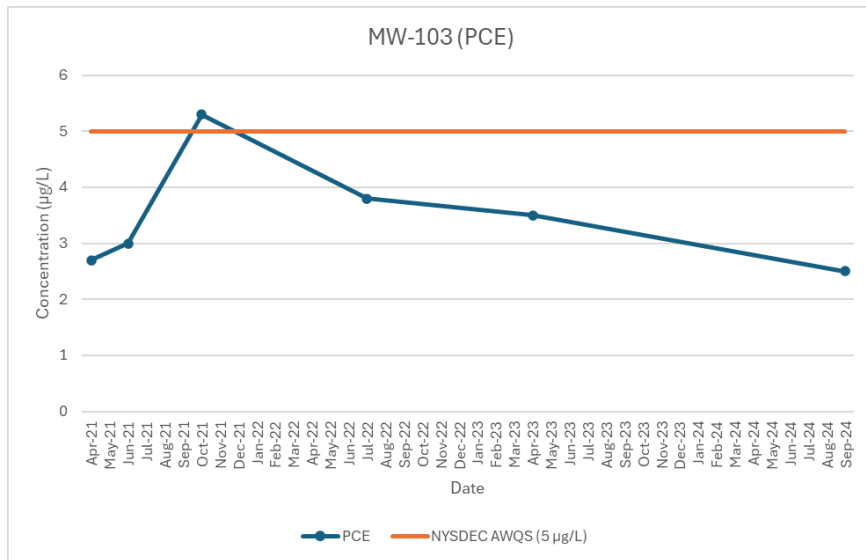


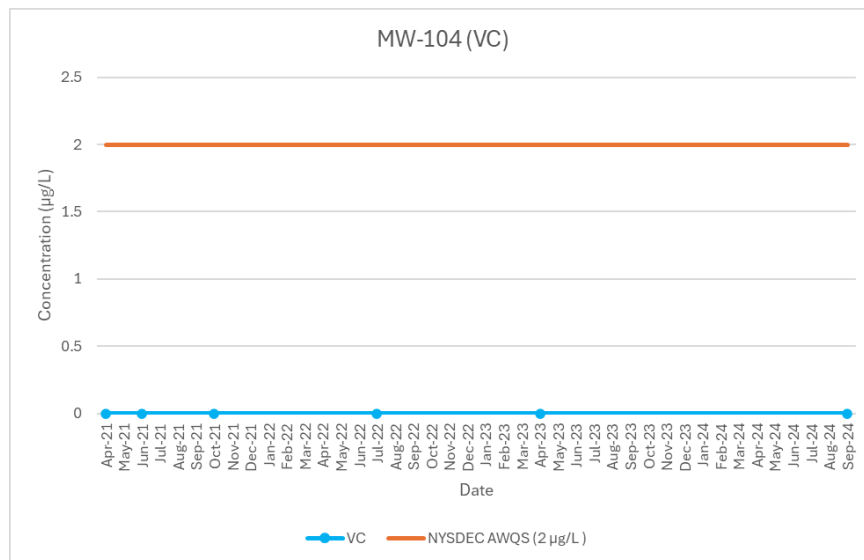
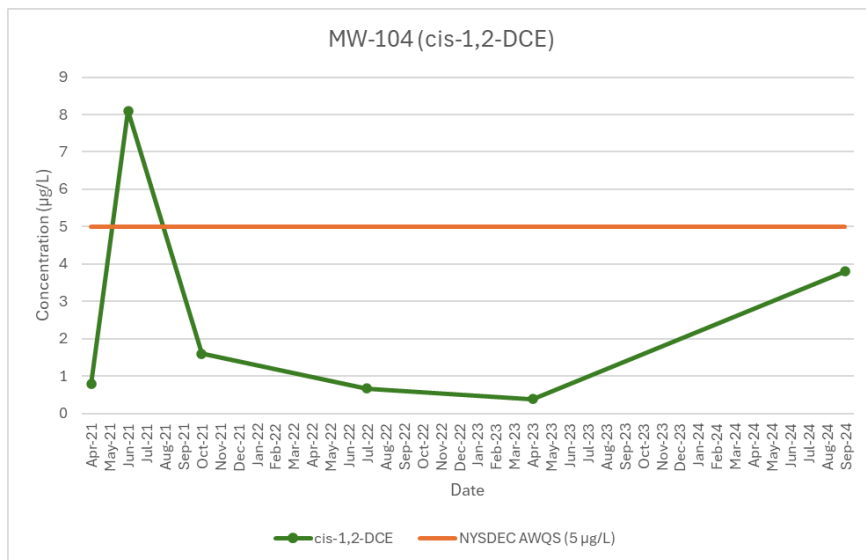
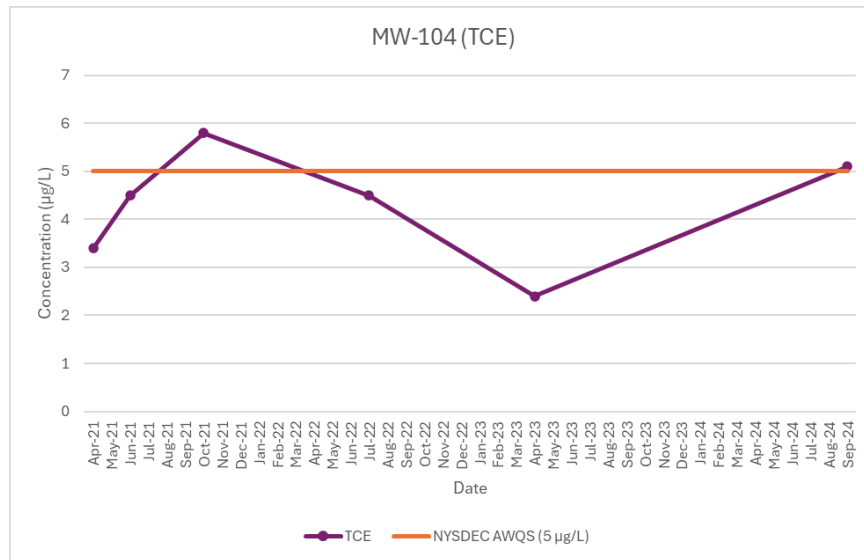
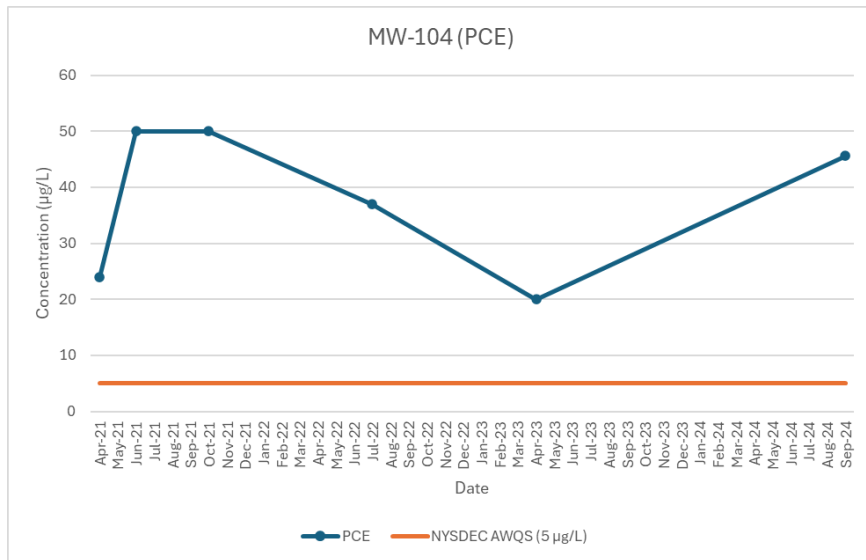


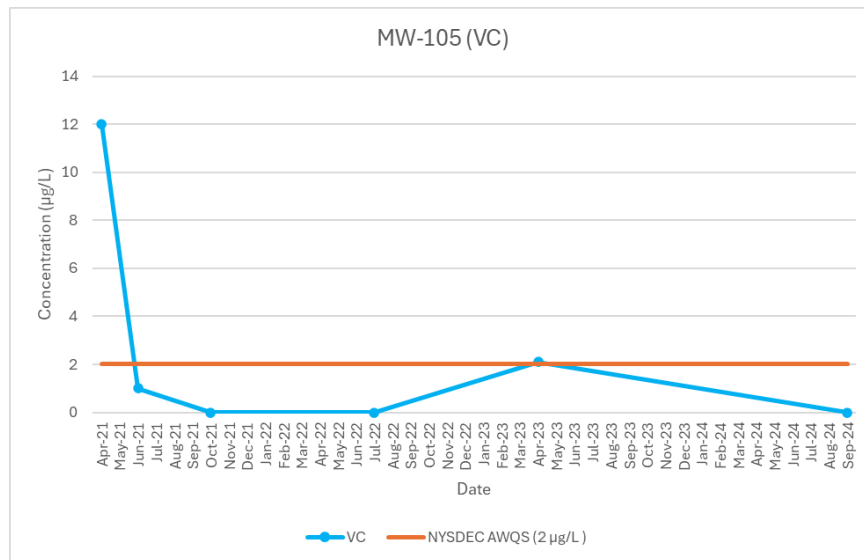
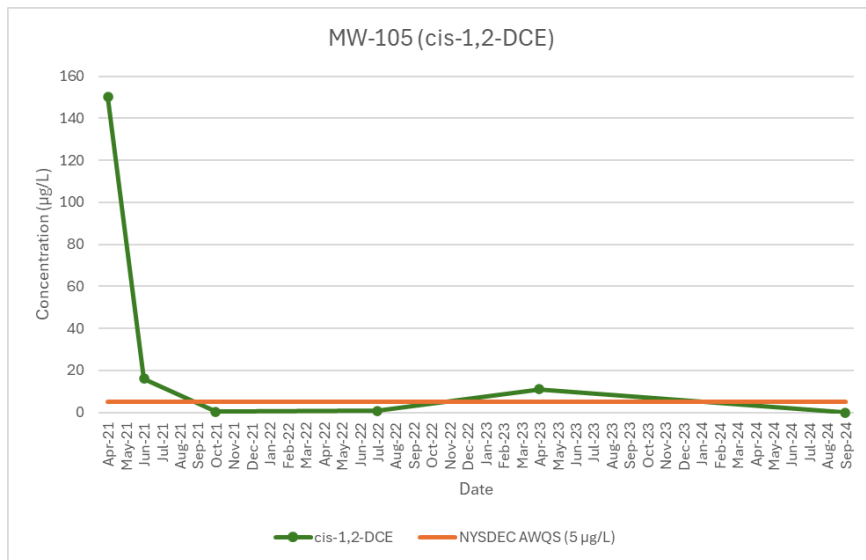
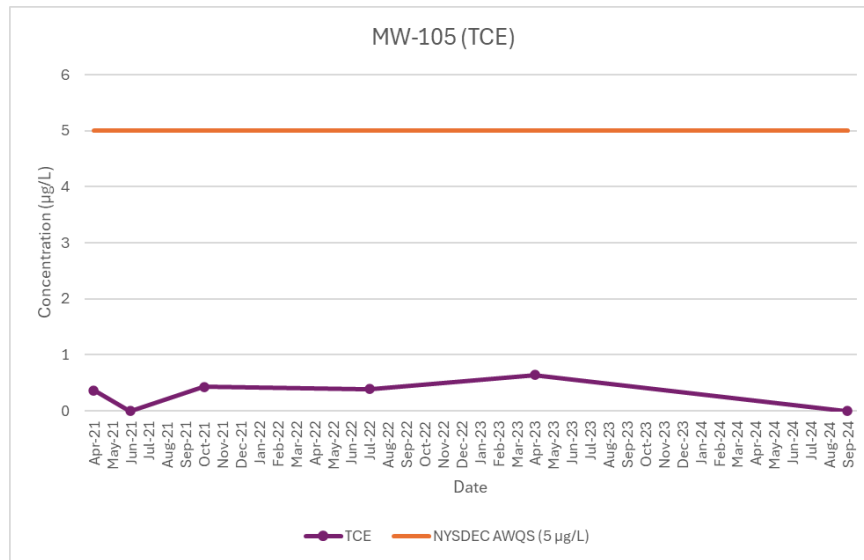
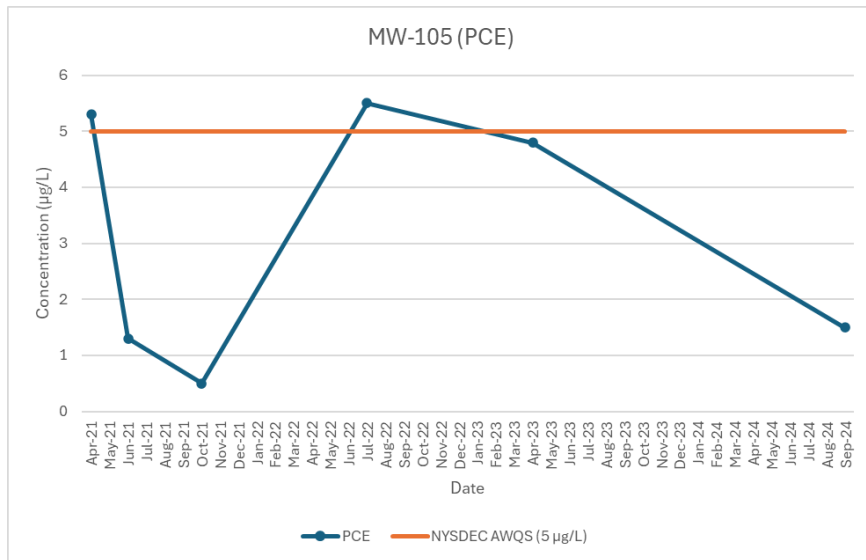


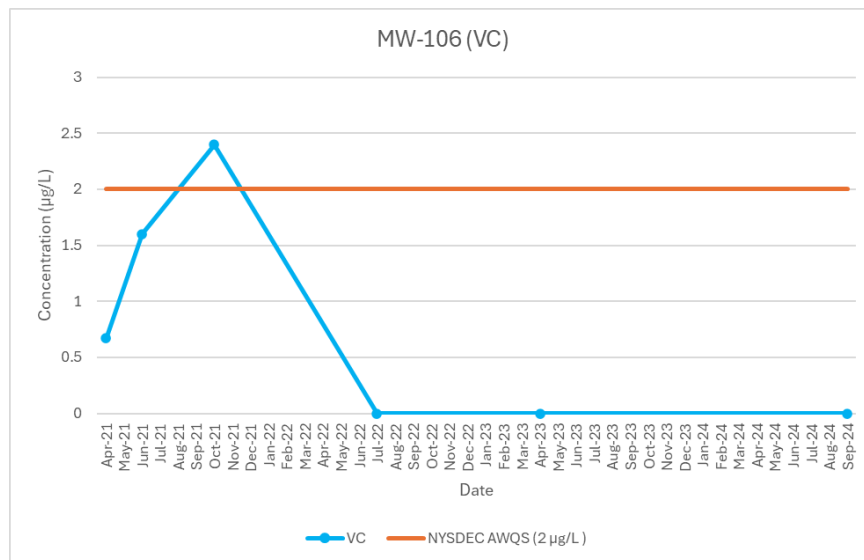
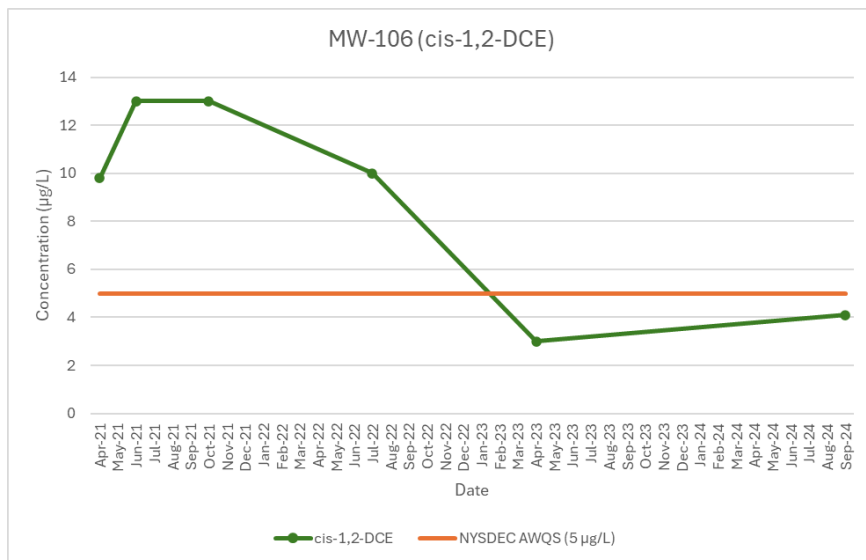
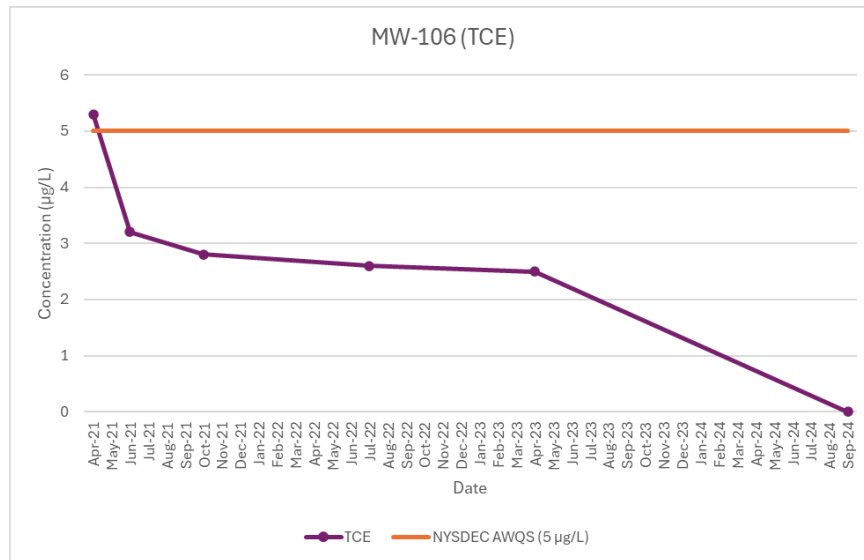
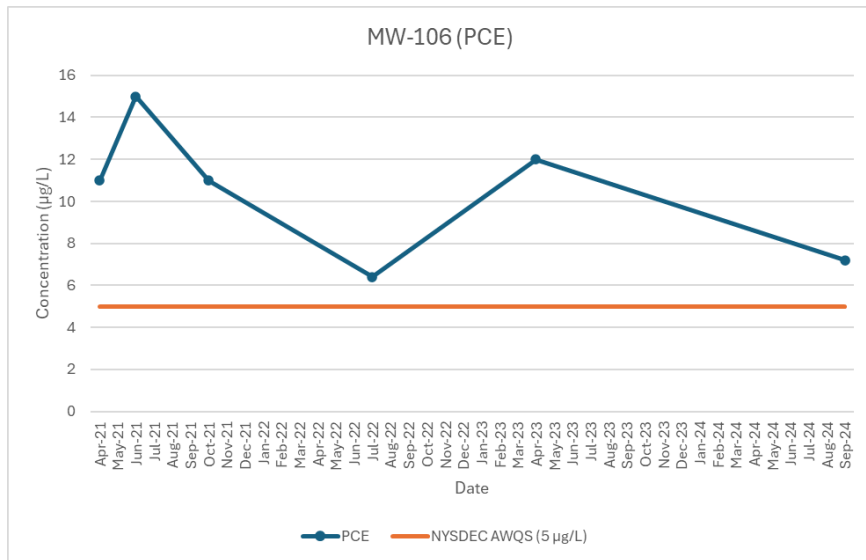


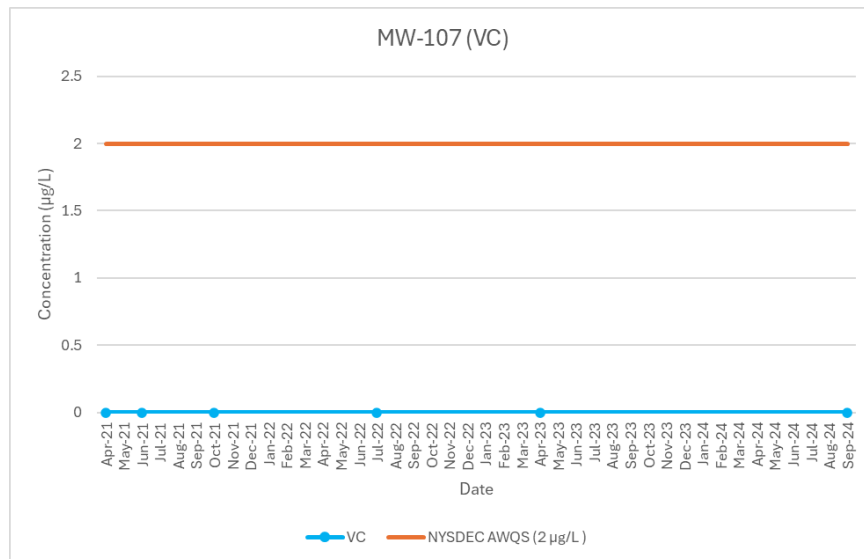
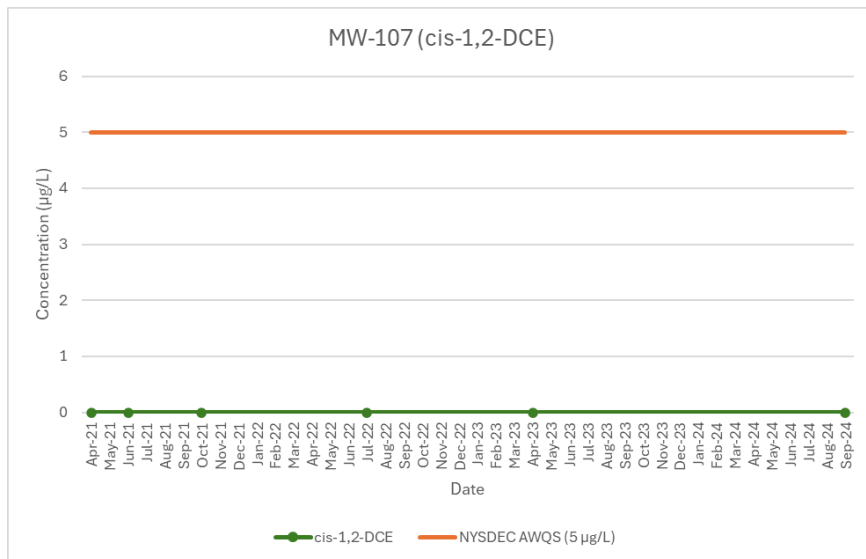
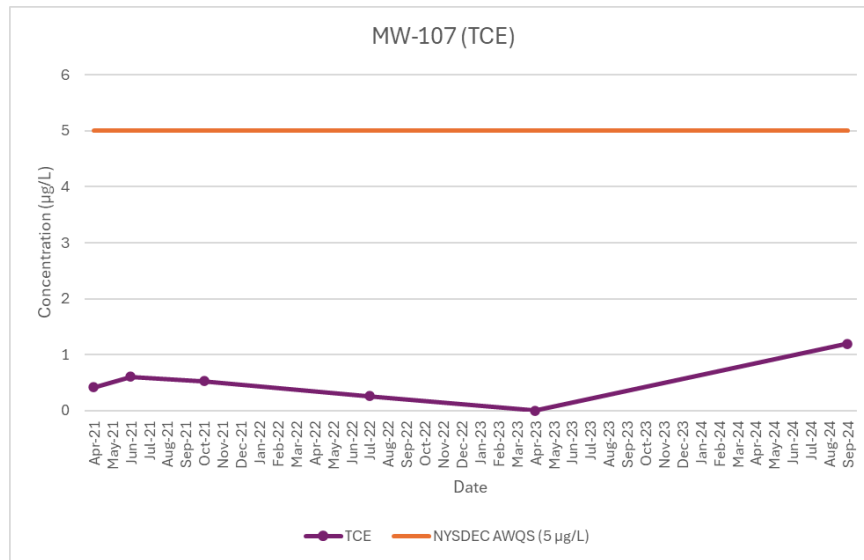
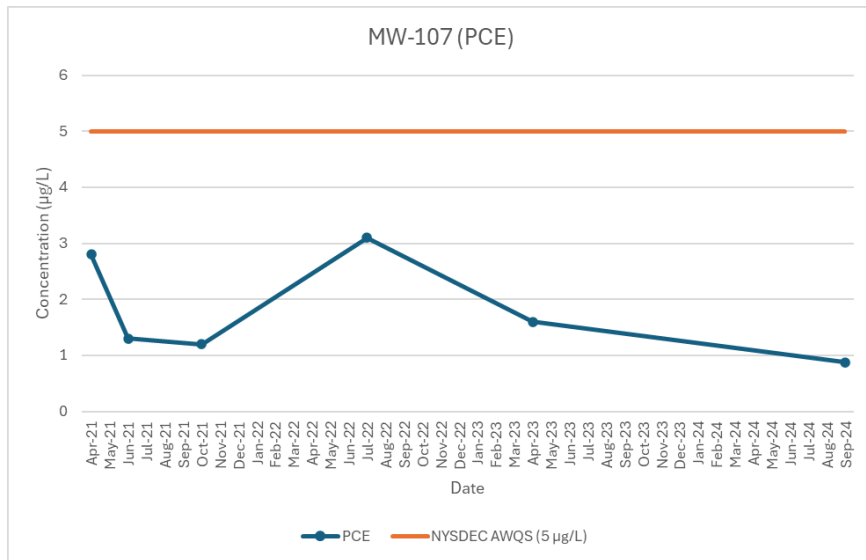


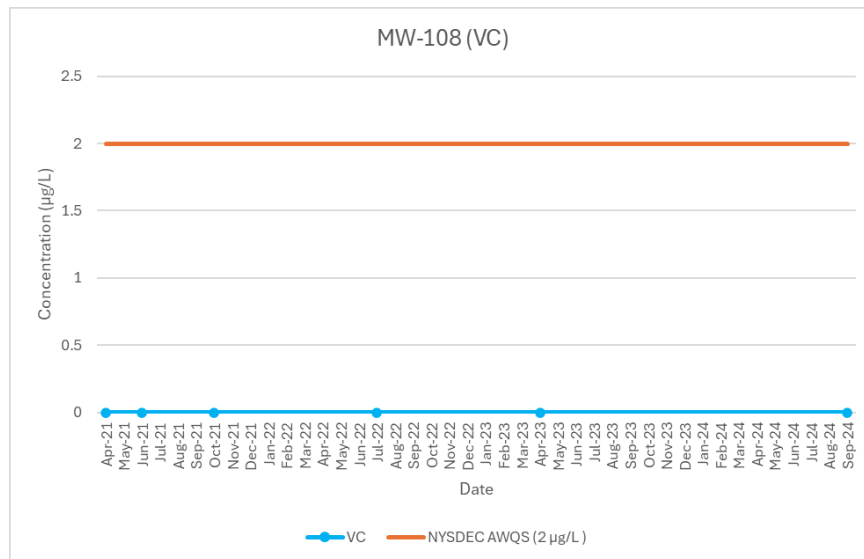
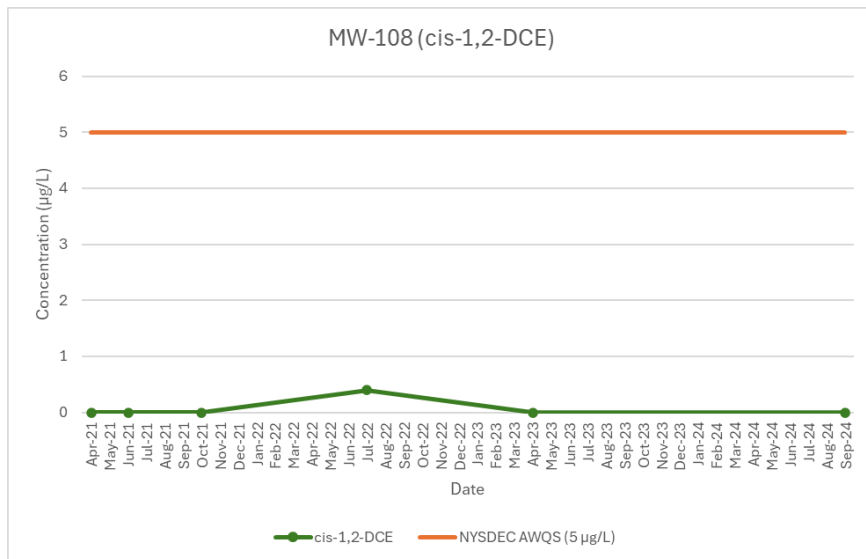
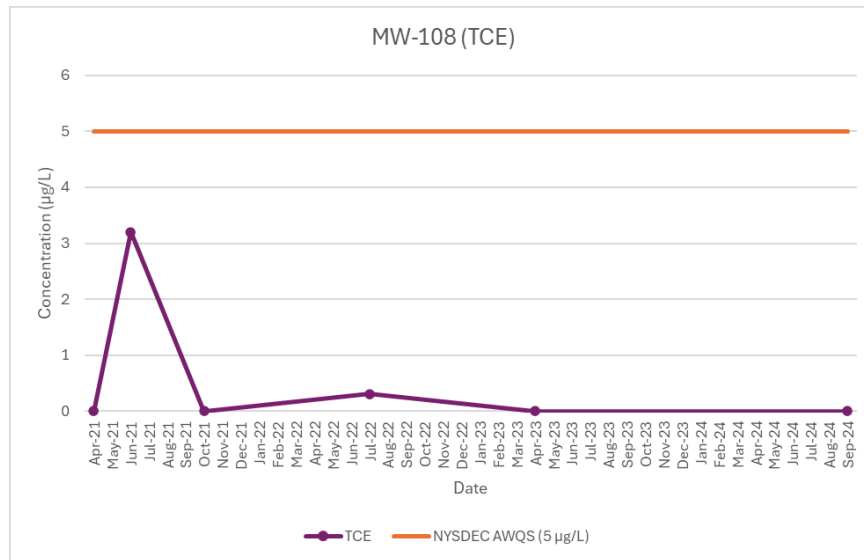
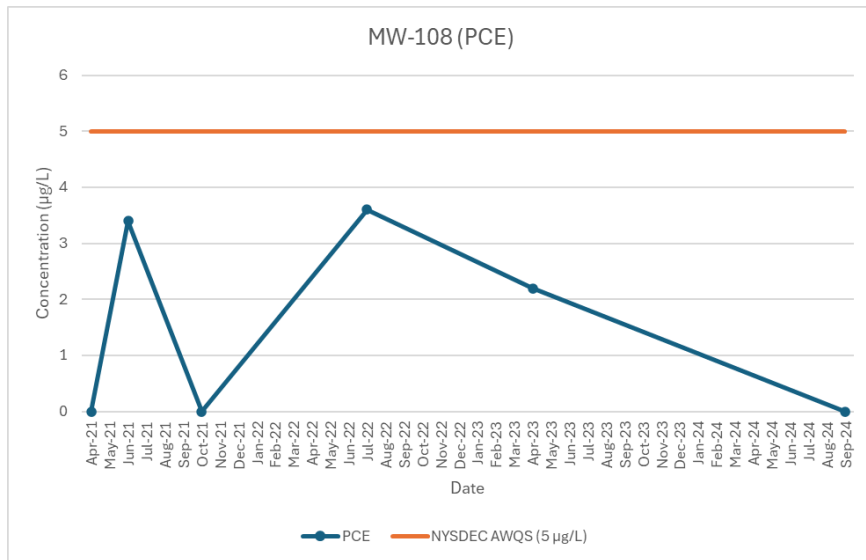


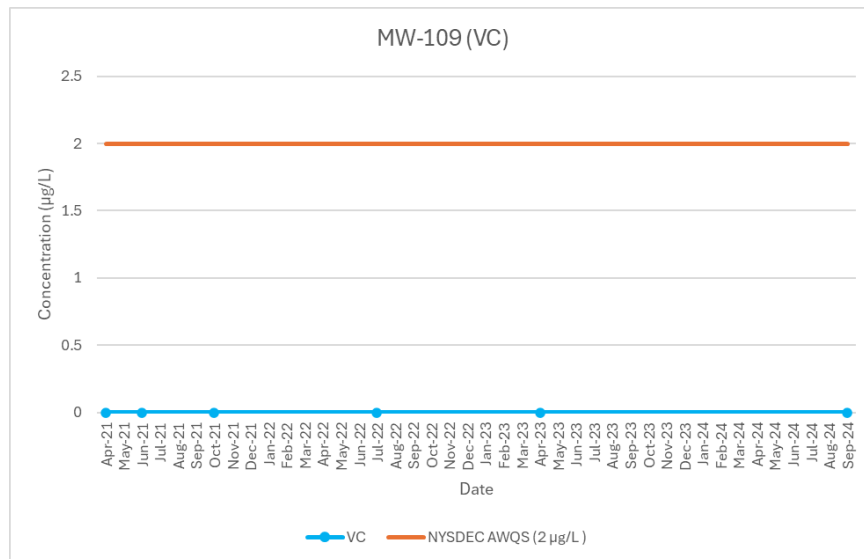
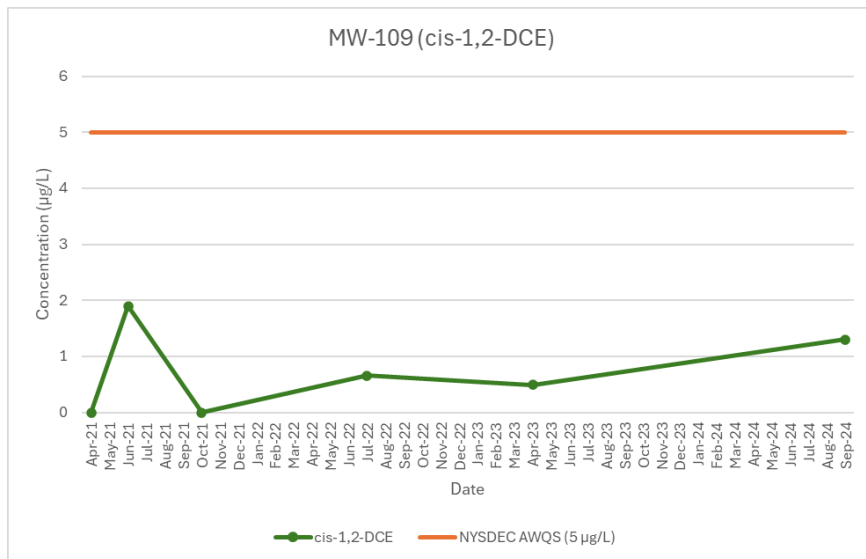
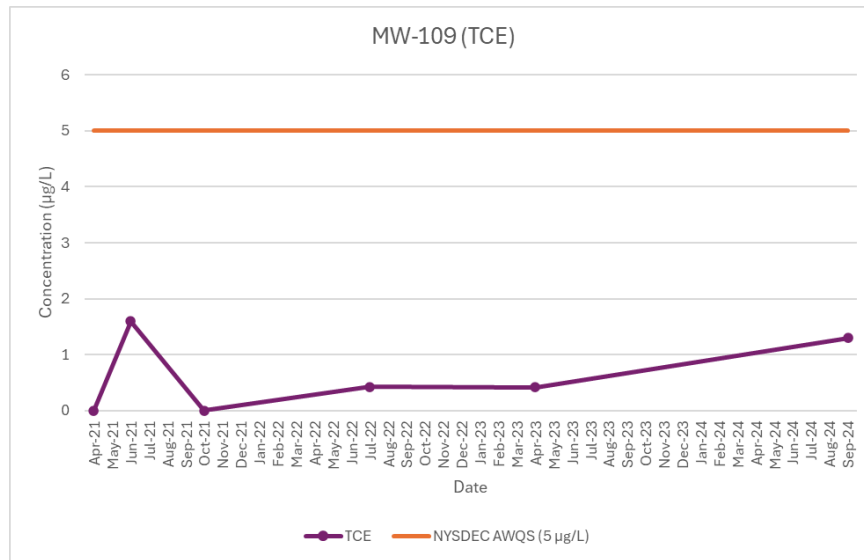
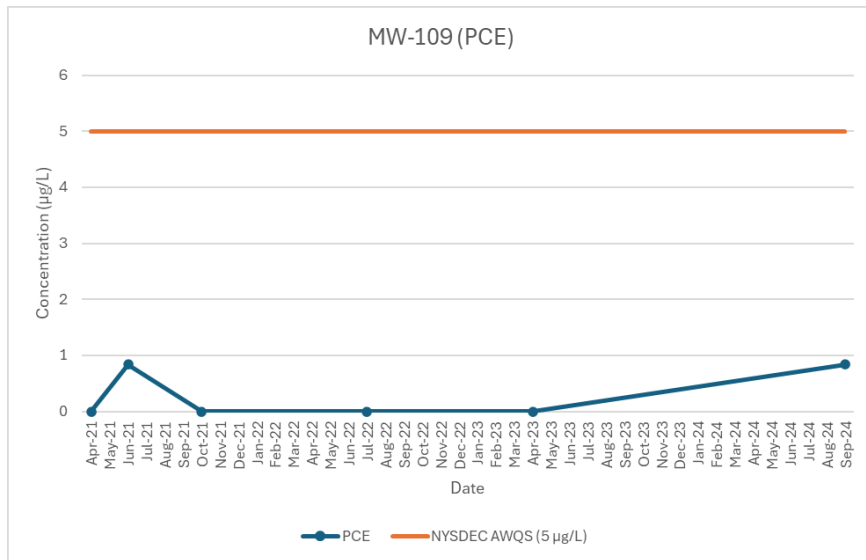


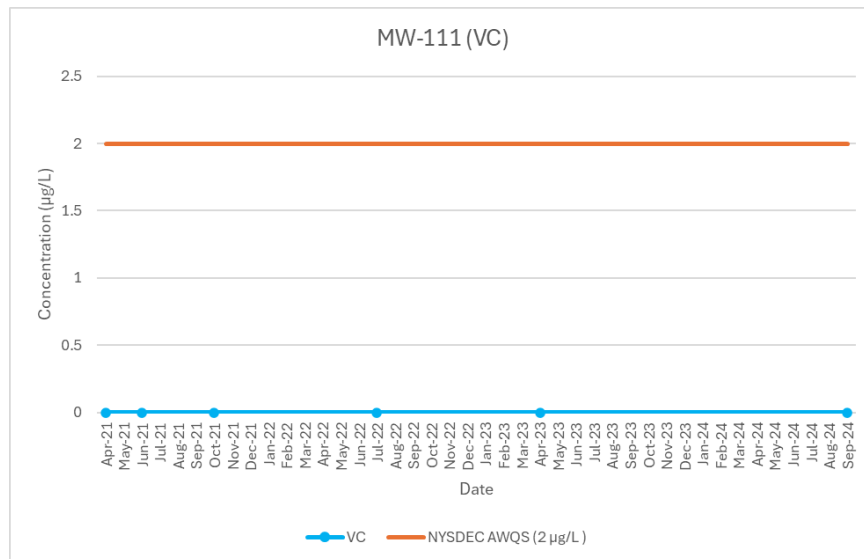
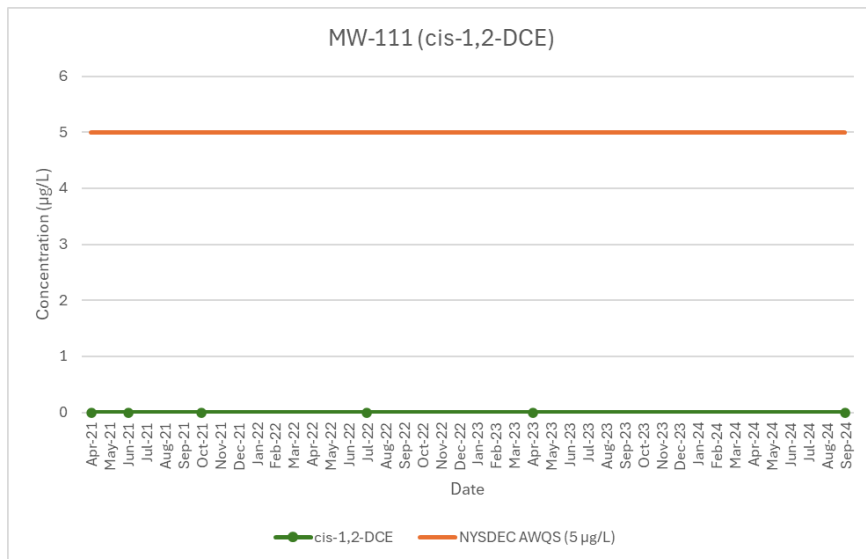
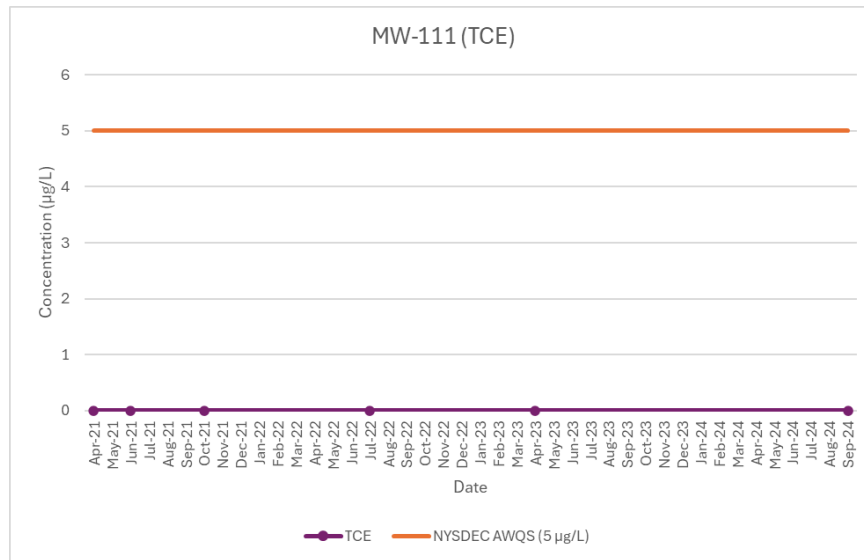
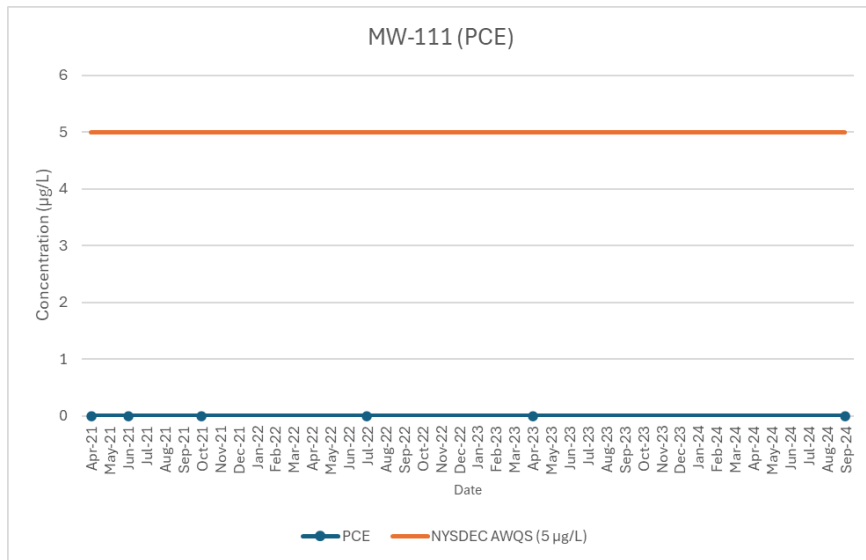


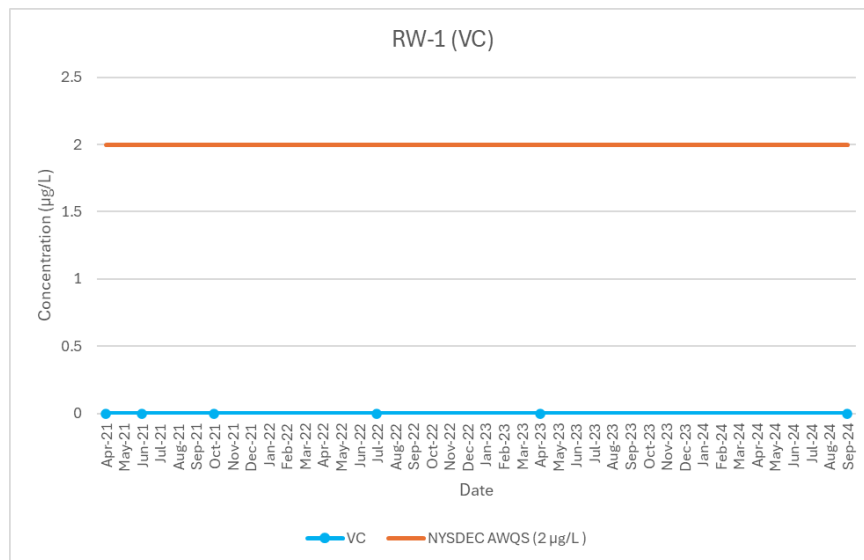
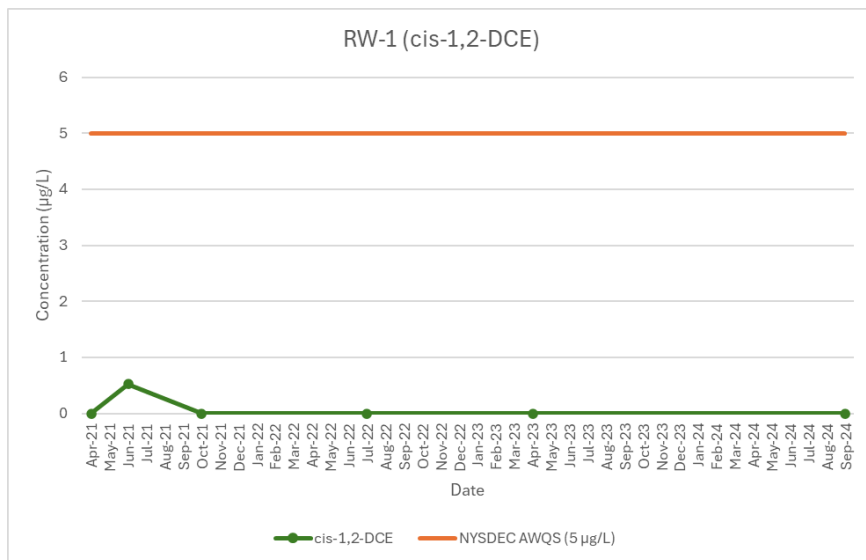
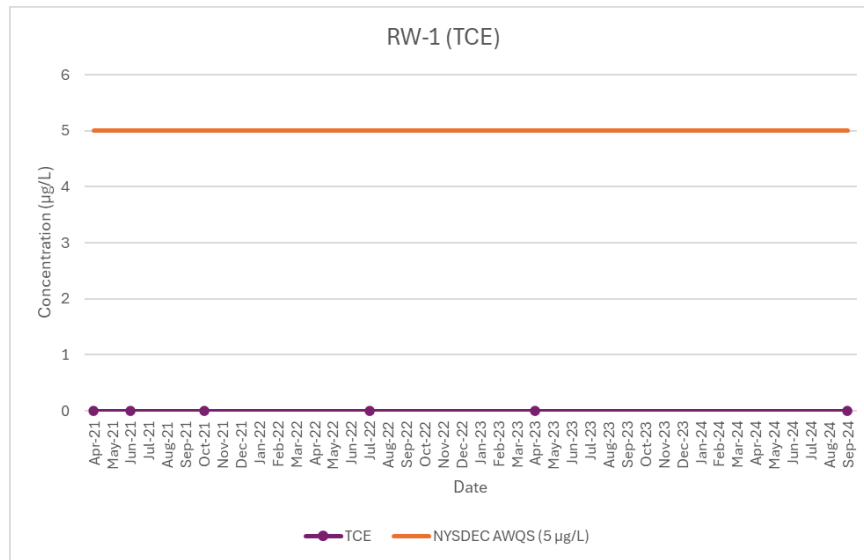
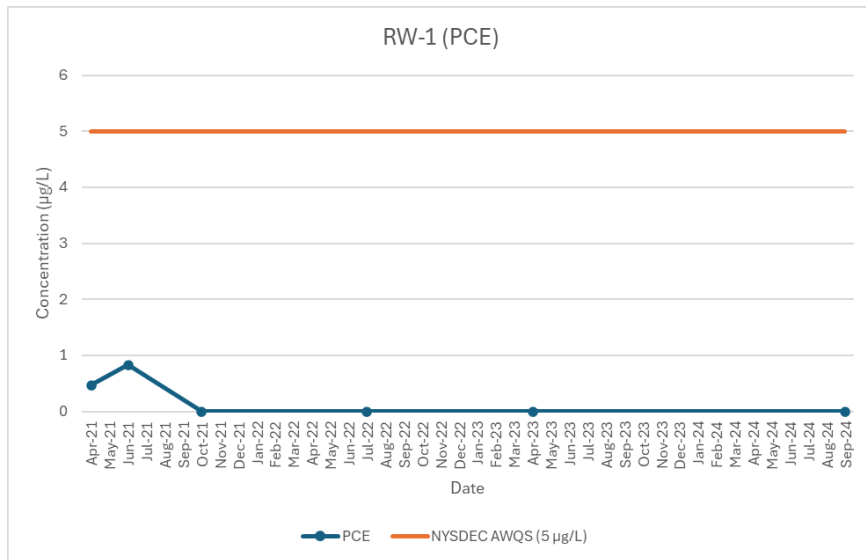




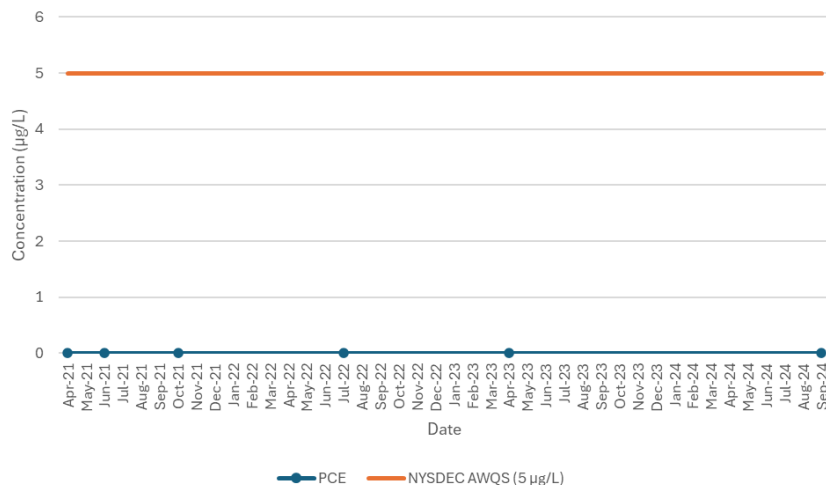




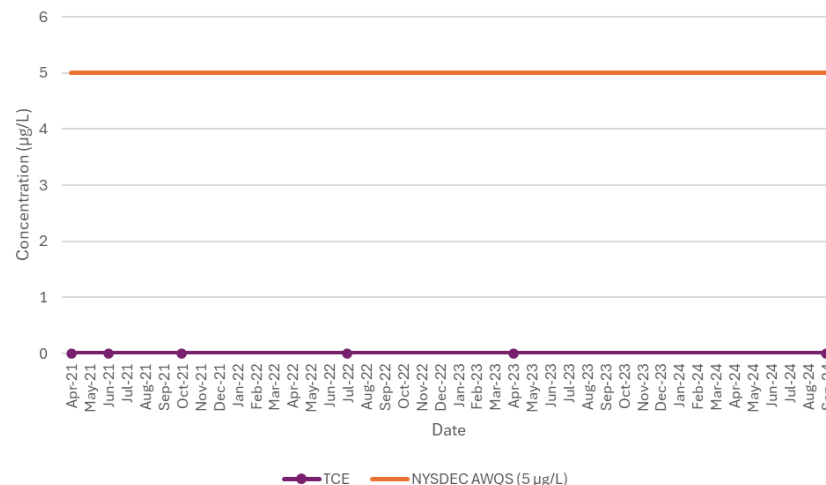




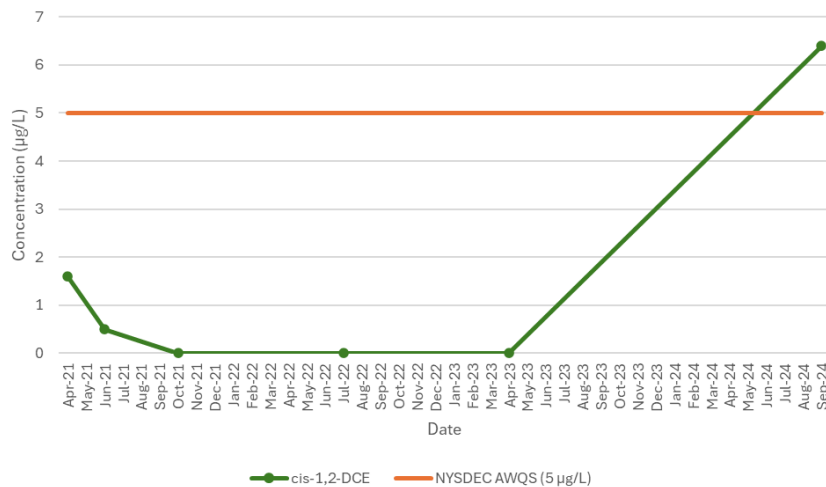
RW-2 (PCE)



RW-2 (TCE)



RW-2 (cis-1,2-DCE)



RW-2 (VC)

