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Date: February 29, 2024
Our Ref: 30208031.00001
Subject: Periodic Review Report
Reporting Period – January 30, 2023 to January 30, 2024
Operable Unit No. 1
Former 3M/Dynacolor Facility, Site # 828066
Brockport (V), Monroe (C)

Dear Ms. Mumbrue,

On behalf of 3M Company, Arcadis of New York, Inc. is submitting this Periodic Review Report for Operable Unit No. 1 for the Former 3M/Dynacolor Facility in Brockport, New York.

If you have any questions about this report, please contact me at 732.661.3816.

Sincerely,
Arcadis of New York, Inc.



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3M Company

Periodic Review Report

Former 3M/Dynacolor Facility

Operable Unit No. 1

Brockport, Monroe County, New York

Site #828066

February 2024

Periodic Review Report
Former 3M/Dynacolor Facility
Brockport, New York

Periodic Review Report

Former 3M/Dynacolor Facility
Operable Unit No. 1
Brockport, Monroe County, New York
Site #828066

February 2024

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Contents

Acronyms and Abbreviations..... v

Executive Summary..... vii

1 Site Overview 1

1.1 Site Summary and Remedial History 1

1.2 Remedial Program 1

1.3 Compliance 2

1.4 Recommendations..... 3

2 Remedial System Performance Evaluation 3

3 Institutional/Engineering Controls Plan Compliance Report..... 4

4 Monitoring Plan Compliance Report 4

4.1 2023 Monitoring Program 4

4.1.1 Site-Wide Groundwater Monitoring 4

4.1.2 Soil Gas/Vapor Monitoring..... 5

4.1.3 Post-EVO Injection Performance Monitoring..... 5

4.2 Evaluation of Monitoring Results 5

4.2.1 Site-Wide Groundwater Monitoring 5

4.2.1.1 Groundwater Elevation 5

4.2.1.2 Volatile Organic Compounds 6

4.2.1.3 Total Organic Carbon 6

4.2.1.4 pH 7

4.2.1.5 Total Cyanide 7

4.2.1.6 1,4-Dioxane.....7

4.2.2 Soil Gas/Vapor Monitoring..... 8

4.2.3 Post-EVO Injection Performance Monitoring..... 8

5 Operation and Maintenance Plan Compliance Report..... 9

6 Overall PRR Conclusions and Recommendations 9

6.1 Conclusions 9

6.2 Recommendations..... 9

6.2.1 Per-and Polyfluoroalkyl Substances Sampling 10

6.2.2 Site-Wide Groundwater Monitoring Program 10

6.2.3 MW98-B and GW-1S 11

6.2.4	PRR Reporting Schedule	11
7	References	11

Tables

Table 1 – 2023 Groundwater Monitoring Schedule

Table 2 – Summary of Groundwater Elevations, March and September 2023

Table 3 – Summary of VOCs in Groundwater, March 2023

Table 4 – Summary of TOC and Field Parameters in Groundwater, March 2023

Table 5 – Summary of VOCs and Total Cyanide in Groundwater, September 2023

Table 6 – Summary of TOC and Field Parameters in Groundwater, September 2023

Table 7 – Summary of Historical Target VOCs and Total Cyanide in Groundwater

Table 8 – Summary of 1,4-Dioxane in Groundwater, September 2023

Table 9 – Summary of Field Air Monitoring at Vapor Monitoring Points

Table 10 – Summary of Dissolved Gases in AGM1-OB

Table 11 – Proposed 2024 Groundwater Monitoring Schedule

Figures

Figure 1 – Property Location Map

Figure 2 – Site Plan

Figure 3 – Groundwater Elevations and General Flow Directions – March 2023

Figure 4 – Groundwater Elevations and General Flow Directions – September 2023

Figure 5 – Summary of VOC Distribution in Groundwater

Figure 6 – Summary of Cyanide Distribution in Groundwater

Figure 7 – Distribution of 1,4-Dioxane in Groundwater

Figure 8 – Proposed VOCs Sampling Plan

Figure 9 – Proposed Cyanide Sampling Plan

Figure 10 – Proposed 1,4-Dioxane Sampling Plan

Appendices

Appendix A – Institutional and Engineering Controls Certification Form

Periodic Review Report
Former 3M/Dynacolor Facility
Brockport, New York

Appendix B – Laboratory Analytical Reports and Electronic Data Deliverables

Appendix C – Data Usability Summary Reports

Appendix D – Trend Analysis

Acronyms and Abbreviations

µg/L	microgram per liter
1,1-DCA	1,1-dichloroethane
1,1,1-TCA	1,1,1-trichloroethane
3M	3M Company
Arcadis	Arcadis of New York, Inc.
btoc	below top of casing
cis-1,2-DCE	cis-1,2-dichloroethene
COC	constituent of concern
ERD	enhanced reductive dechlorination
Eurofins	Eurofins TestAmerica Laboratories, Inc.
EVO	emulsified vegetable oil
GE	General Electric
GWQS	Groundwater Quality Standard
IC/EC	institutional control/environmental control
mg/L	milligram per liter
MNA	monitored natural attenuation
NYSDEC	New York State Department of Environmental Conservation
O&M	operation and maintenance
ORP	oxidation-reduction potential
OU-1	Operable Unit No. 1
PFAS	per- and polyfluoroalkyl substances
PRR	Periodic Review Report
QA/QC	quality assurance/quality control
ROD	Record of Decision
RPR	Remedial Progress Report
Site	former 3M Company/Dynacolor facility located in Brockport, New York
SMP	Site Management Plan
TCE	trichloroethene
TOC	total organic carbon
USEPA	United States Environmental Protection Agency

Periodic Review Report
Former 3M/Dynacolor Facility
Brockport, New York

VOC volatile organic compound

Executive Summary

During the Periodic Review Report reporting period between January 30, 2023 and January 30, 2024, a site inspection and site-wide groundwater monitoring were conducted at the former 3M/Dynacolor facility located in Brockport, New York. The site inspection conducted by a New York State-licensed professional engineer in October 2023 confirmed that the institutional/engineering controls are in compliance. The remedial program for soil and groundwater is performing effectively to achieve remedial objectives outlined in the ROD.

In March and September 2023, groundwater samples were collected and analyzed for volatile organic compounds, total organic carbon, dissolved gases, and total cyanide at select onsite and offsite monitoring wells to monitor the groundwater quality and evaluate the effectiveness of the groundwater remedial action (i.e. emulsified vegetable oil injection) implemented both historically and recently in the vicinity of AGM1-OB. The monitoring results show that remedial actions are effectively reducing the 1,1,1-trichloroethane and trichloroethene concentrations in groundwater to below the New York State Department of Environmental Conservation groundwater quality standards. Both compounds remained at the levels below the groundwater quality standards at the remaining onsite and offsite monitoring wells. Consistent with historical observations, total cyanide was detected above the groundwater quality standards primarily at the shallow bedrock monitoring wells.

Groundwater samples were collected at all onsite and offsite wells to evaluate 1,4-dioxane concentrations during the September 2023 monitoring event. 1,4-Dioxane was detected above the February 2023 New York State Department of Environmental Conservation guidance value for groundwater at 31 of the 37 onsite monitoring wells and 8 of the 12 offsite monitoring wells. 1,4-Dioxane concentrations are generally higher in the groundwater in shallow bedrock wells than in the groundwater in overburden and intermediate bedrock wells.

Activities recommended for the next reporting period (January 30, 2024 and January 30, 2025) include the following:

- Site-wide groundwater sampling, as part of the monitored natural attenuation program for volatile organic compounds and total cyanide, and 1,4-dioxane sampling will continue to evaluate the groundwater quality and the performance and the effectiveness of the 2022 emulsified vegetable oil injection conducted near AGM1-OB. Two groundwater monitoring events and one 1,4-dioxane sampling will be conducted at select onsite and offsite monitoring wells.
- An annual site inspection will be performed to evaluate the institutional/engineering controls at the Site.
- Annual Periodic Review Report will be submitted to summarize the activities conducted during the next reporting period.
- Collection of groundwater samples for analysis of per- and polyfluoroalkyl substances (PFAS) at four onsite monitoring wells (AGM1-OB, AGM1-SB, AGM3-OB, and AGM5-OB) is proposed to be conducted in March 2024.
- No further sampling and well abandonment are recommended for two onsite monitoring wells, MW-98B and GW-1S, respectively. MW98-B could not be located at the Site in September 2022 and was found missing since 2004. GW-1S is an overburden monitoring well located within the center of the Site where other existing downgradient and sidegradient monitoring wells can be used to monitor/delineate the groundwater quality. No groundwater impacts were observed at GW-1S in recent years.

1 Site Overview

On behalf of 3M Company (3M), Arcadis of New York, Inc. (Arcadis) has prepared this Periodic Review Report (PRR) for Operable Unit No. 1 (OU-1) of the former 3M/Dynacolor facility located in Brockport, New York (Site). This PRR summarizes the activities conducted between January 30, 2023 and January 30, 2024 (i.e., reporting period).

1.1 Site Summary and Remedial History

The Site is located in the Village of Brockport, Monroe County, New York. A site location map is shown on **Figure 1**. The Site is bordered on the west by Oxford Street, on the north by State Street, on the east by the JMT facility (formerly General Electric [GE]/Black and Decker), and on the south by the former location of Spring Street. Immediately north of State Street is the Erie Canal (New York State Barge Canal), flowing approximately west to east. The Site boundaries, existing features, former and existing building footprints, and known shallow historic fill are presented on **Figure 2**.

The area in and around the former 3M/Dynacolor facility has been the site of industrial activities for over 155 years. The Site and building were purchased by the Dynacolor Corporation in 1956. From 1956 to 1961, Dynacolor Corporation used the facility to process photographic film. 3M purchased the property in 1961 and continued to use the facility for photo processing until 1978, when 3M ceased operations at the Site. Buildings were demolished by 3M in 1979 and the area was covered, graded, reseeded, and maintained as a lawn. The property was donated to the Town of Sweden by 3M in 1985. In 1986, the Town of Sweden transferred ownership to Brockport Cold Storage, which constructed a frozen-food processing building on the approximate footprint of the former 3M/Dynacolor plant building. The Site is currently owned and operated by the Bonduelle Group with the exception of the former residential properties east of Oxford Street and former Boy Scout Cabin property along State Street, which are owned by 3M.

The site was listed as a Class 2a site in the New York State Department of Environmental Conservation (NYSDEC) Registry of Inactive Hazardous Disposal sites in 1986. NYSDEC and 3M entered into a Consent Order Agreement in 1998 and a Remedial Investigation was completed in 1999. Extensive remedial investigations, including collection of numerous soil and groundwater samples, have been performed to characterize the nature and extent of impacts at the Site. As confirmed in the Record of Decision (ROD) issued by NYSDEC in March 2004, the constituents of concern (COCs) identified in soil include volatile organic compounds (VOCs), semivolatile organic compounds, and cyanide. The COCs in groundwater include VOCs (1,1,1-trichloroethane [1,1,1-TCA], 1,1-dichloroethane [1,1-DCA], 1,1-dichloroethene, cis-1,2-dichloroethene [cis-1,2-DCE], trichloroethene [TCE], and vinyl chloride) and cyanide based on previous groundwater investigations.

1.2 Remedial Program

The NYSDEC issued a ROD for OU-1 in March 2004 and selected the following remedy:

- Carbohydrate injection to address VOCs in groundwater.
- Monitoring of cyanide degradation in groundwater.
- Institutional controls that will restrict the site's use to industrial/commercial to prevent residential/recreational exposure to residual contamination.

- Institutional controls to limit the use of groundwater to minimize the potential for exposure to contaminated groundwater.
- A SMP that addresses excavation and soil handling in a way that minimizes exposure to contaminants present in the soil.

The ROD also outlines the remediation goals for the Site as follows:

- Eliminate or reduce exposures of persons at or around the Site to cyanide, silver, and VOCs in soil and groundwater.
- Eliminate or reduce environmental exposures of flora or fauna to cyanide, silver, and VOCs in soil and groundwater.
- Eliminate or reduce the release of contaminants from soil into groundwater that may create exceedances of groundwater standards.
- Eliminate or reduce the release of contaminants from subsurface soil into groundwater, indoor air, and ambient air through dissolution, soil vapor, wind borne dust, etc.
- Attain ambient groundwater quality standards, to the extent practicable, for cyanide and VOCs.

The remedy is being successfully implemented and remediation goals continue to be met. Removal of impacted soil, excavation of above- and below-grade structures, and building demolition occurred at the Site between 1972 and 2002 (ARCADIS G&M 2002). A Site Management Plan (SMP; ARCADIS G&M) was prepared and submitted to the NYSDEC on October 28, 2004, to comply with requirements of the ROD (NYSDEC 2004).

A monitored natural attenuation (MNA) program is being implemented for cyanide in groundwater and enhanced reductive dechlorination (ERD) via carbohydrate injections was performed to remediate VOCs in groundwater. Carbohydrate injections to address VOCs in groundwater were implemented from August 2004 to August 2008. Supplemental carbohydrate injections were performed in 2011 and 2022 to address fluctuations of VOC concentrations in the vicinity of AGM1-OB and within the overburden aquifer. The mass of VOCs and cyanide reduced significantly during the remediation period and a MNA program for VOCs was implemented at the conclusion of the initial 1-year post-remedial period.

Details of the injection system and well abandonment are provided in the May 2011 Remedial Progress Report (RPR). Details of the July 2011 injection event and the performance monitoring program are provided in the January 2011 Pilot Test Work Plan (Arcadis U.S., Inc. 2011) and April and August 2012 RPRs. The supplemental injection activities are summarized in the January 2023 RPR (Arcadis 2023). The existing groundwater monitoring program serves as the post-emulsified vegetable oil (EVO) injection performance monitoring, and the results are discussed in this PRR.

1.3 Compliance

This PRR includes the SMP for the properties currently owned by 3M (i.e., former residential properties and Boy Scout Cabin) and a summary of groundwater remediation activities at the Site.

There was/is no issues of non-compliance for the groundwater remediation activities and an SMP for the 3M properties. As such, no corrective actions or steps are proposed or necessary.

1.4 Recommendations

No change to the SMP is required. Annual submission of PRR is recommended.

2 Remedial System Performance Evaluation

The remedial program for soil and groundwater is performing effectively to achieve remedial objectives outlined in the ROD. Carbohydrate injection was initiated in August 2004 and terminated in August 2008. A total of 50 injection events were performed at the Site. Based on the data from the annual groundwater monitoring event in July 2010, 1,1,1-TCA mass was reduced by approximately 99% and TCE mass was reduced by approximately 93%. These results indicate that the groundwater remediation system has operated efficiently.

Due to elevated concentrations of VOCs remaining at monitoring well AGM1-OB, a pilot test using EVO as an alternate carbohydrate substrate was performed during July 2011 to further remediate the residual impacts within the area. A 1-year performance monitoring program was conducted as part of the existing site-wide groundwater monitoring program to evaluate the performance and effectiveness of the pilot test. The groundwater monitoring results from January 2013 to September 2019 indicated that no 1,1,1-TCA and TCE were observed in AGM1-OB, as well as the other overburden monitoring wells, except AGM2-OB and AGM3-OB. A trace level of 1,1,1-TCA was observed at AGM2-OB in September 2016 and at AGM3-OB in March 2018. The pilot test using EVO was effectively reducing 1,1,1-TCA and TCE concentrations in overburden groundwater, given that significant reduction of 1,1,1-TCA and TCE was observed in overburden wells.

Analytical results obtained from the May 2020 through September 2022 groundwater sampling events indicated a rebound of 1,1,1-TCA and TCE concentrations in groundwater at AGM1-OB. In addition, a trace level of 1,1,1-TCA was observed at AGM3-OB in May 2020. Trace levels of 1,1,1-TCA and TCE were also observed in shallow bedrock wells AGM7-SB and AGM1-SB, respectively. Due to rebound of 1,1,1-TCA and TCE concentrations in AGM1-OB, EVO injection was conducted near AGM1-OB in November 2022 to further remediate the residual impacts. This supplemental remedy was selected based on effectiveness of the July 2011 EVO injections at reducing concentrations of 1,1,1-TCA and TCE in Site groundwater. The injection activities are summarized in the January 2023 RPR (Arcadis 2023). The September 2022 annual groundwater sampling event analytical results served as baseline data for the EVO injection. The existing groundwater monitoring program will also serve as the EVO injection performance monitoring program.

Historically, cyanide impacts were observed in overburden and shallow bedrock groundwater. The lateral extents of cyanide impacts in both overburden and shallow bedrock units have reduced in size since the August 2004 baseline sampling event. Cyanide impacts were also historically observed in two intermediate monitoring wells. The September 2023 analytical results indicate that cyanide concentrations have stabilized in groundwater throughout much of the Site.

VOCs and total cyanide data obtained from the March and September 2023 groundwater sampling events are discussed in Section 5.2. The remedial system performance evaluation is also discussed in Section 5.2.

3 Institutional/Engineering Controls Plan Compliance Report

Since the submission of the SMP (Arcadis G&M 2004), no soil excavation activities have been conducted at the 3M property. A site inspection conducted on October 11, 2023 by Moh Mohiuddin, a New York State-licensed professional engineer, confirmed that the institutional/engineering controls (IC/EC) are in compliance. The IC/EC certification is attached in **Appendix A**.

4 Monitoring Plan Compliance Report

Site-wide groundwater monitoring has been conducted since initiation of the remedial system operation in 2004. The purpose of the site-wide groundwater monitoring program is to evaluate the performance and the long-term effectiveness of the ERD system and the distribution of VOCs and cyanide impacts in Site groundwater. It is also used to evaluate the performance of the 2011 and 2022 EVO injections conducted near AGM1-OB. Components of the site-wide groundwater monitoring program, as part of the MNA program, performed after the decommission of the remedial system in 2010, have been summarized in site RPRs submitted between May 2011 and January 2023. Continued reporting of the site-wide monitoring program will be included in this and future PRRs.

4.1 2023 Monitoring Program

4.1.1 Site-Wide Groundwater Monitoring

During the PRR reporting period (i.e., January 30, 2023 to January 30, 2024), site-wide groundwater monitoring was conducted in accordance with the January 2023 RPR (Arcadis 2023). Water levels were measured at 40 onsite and offsite monitoring wells during the March 2023 groundwater sampling event and at 49 onsite and offsite monitoring wells during the September 2023 groundwater sampling event. Water level was gauged at each monitoring well before sample collection. Onsite and offsite monitoring wells were sampled for VOCs, total organic carbon (TOC), and total cyanide. Additionally, 1,4-dioxane was monitored at on and offsite wells during the September 2023 sampling event.

Groundwater samples were collected from 12 monitoring wells during the March 2023 semi-annual sampling event and from 48 wells during the September 2023 annual sampling event. Samples were collected in accordance with United States Environmental Protection Agency (USEPA) low-flow methodology. Water quality parameters, including temperature, pH, oxidation-reduction potential (ORP), specific conductivity, turbidity, and dissolved oxygen were measured while purging and immediately before sample collection. All samples and field quality assurance/quality control (QA/QC) samples (field blanks, equipment blanks, and trip blanks) were submitted to Eurofins TestAmerica Laboratories, Inc. (Eurofins), an NYSDEC-certified laboratory located in Buffalo, New York, for laboratory analysis. In accordance with the 2023 RPR monitoring schedule, groundwater samples were analyzed for VOCs by USEPA Method 8260, TOC by USEPA Method 5310C, and total cyanide by USEPA Method 9012B. Five samples from select monitoring wells (AGM1-OB, AGM1-SB, AGM3-OB, AGM7-OB, and AGM8-OB) were submitted for TOC analysis during each event. In addition, nine samples collected from select monitoring wells were analyzed for total cyanide during the September 2023 event. Groundwater samples were also analyzed for 1,4-dioxane by USEPA Method 8270D SIM at 48 wells during the September 2023 event.

A groundwater sample was not collected from MW99-H(S) during the September 2023 event as the well was dry. The 2023 groundwater monitoring program is summarized in **Table 1**.

4.1.2 Soil Gas/Vapor Monitoring

Field vapor monitoring was conducted at seven vapor monitoring points (VMP-3 through VMP-5 and VMP-8 through VMP-11) during the March and September 2023 sampling events. A combination meter was used to monitor the presence of flammable/explosive gases, including hydrogen sulfide, carbon monoxide, oxygen, and methane. The presence of organic vapors was monitored using a photoionization detector. Headspace readings were also collected from monitoring wells during each event.

4.1.3 Post-EVO Injection Performance Monitoring

The existing site-wide groundwater monitoring program also serves as the post-2022 EVO injection monitoring program. In accordance with the existing groundwater monitoring program, groundwater samples were collected from monitoring wells AGM1-OB, AGM1-SB, AGM3-OB, AGM7-OB, AGM8-OB in March and September 2023. Purge water from these monitoring wells was monitored for field parameters (e.g., dissolved oxygen, pH, redox), and collected samples were analyzed for VOCs and TOC. In addition, a dissolved gases (methane, ethane, and ethene) sample was collected from AGM1-OB. The dissolved gases sample was submitted to Pace Analytical Services, LLC., an NYSDEC-certified laboratory located in Melville, New York, for laboratory analysis of dissolved gases using Method RSK-175.

4.2 Evaluation of Monitoring Results

4.2.1 Site-Wide Groundwater Monitoring

Site-wide groundwater monitoring was conducted in March and September 2023. Results of groundwater elevations derived from gauging data are summarized in **Table 2**. Analytical results for VOCs, total cyanide, and TOC are summarized in **Tables 3 through 6**. Historical target VOCs and cyanide results are included in **Table 7**. Laboratory analytical reports and electronic data deliverables are provided in **Appendix B**. All analytical results were reviewed in accordance with the USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999, as appropriate). A copy of Data Usability Summary Reports is provided in **Appendix C**.

4.2.1.1 Groundwater Elevation

In March 2023, depth to groundwater ranged from 0.31 to 11.61 feet below top of casing (btoc) for overburden monitoring wells, 1.41 to 15.05 feet btoc for shallow bedrock monitoring wells, and 3.17 to 20.68 feet btoc for intermediate bedrock monitoring wells. In September 2023, depth to groundwater ranged from 1.58 to 12.68 feet btoc for overburden monitoring wells, 1.39 to 15.40 feet btoc for shallow bedrock monitoring wells, and 3.79 to 18.08 feet btoc for intermediate bedrock monitoring wells.

The groundwater elevations and corresponding groundwater flow maps for overburden, shallow bedrock, and intermediate bedrock hydrogeologic units are presented on **Figures 3 and 4** for the March and September 2023

events, respectively. Groundwater elevations in all three hydrogeologic zones remains consistent. Groundwater at the Site typically flows to the northwest in all three hydrogeologic units and is consistent with historical hydrogeologic data.

4.2.1.2 Volatile Organic Compounds

Findings from the analytical results of the March and September 2023 sampling events are as follows:

- At overburden well AGM1-OB, 1,1,1-TCA concentrations were detected above the associated NYSDEC Groundwater Quality Standard (GWQS; 5 micrograms per liter [$\mu\text{g/L}$]) in March 2023 (67 $\mu\text{g/L}$). 1,1,1-TCA was not detected above the laboratory reporting limit of 50 $\mu\text{g/L}$ (reporting limit elevated due to sample dilution) in September 2023. TCE concentrations were not detected above the laboratory reporting limit of 50 $\mu\text{g/L}$ during the March and September 2023 sampling events.
- At shallow bedrock well AGM1-SB, 1,1,1-TCA was not detected above the laboratory reporting limit in the March and September 2023 sampling events. TCE was detected above the NYSDEC GWQS of 5 $\mu\text{g/L}$ in March 2023 (5.1 $\mu\text{g/L}$), and was detected below the GWQS in September 2023 (3.6 $\mu\text{g/L}$).
- At the remaining wells, 1,1,1-TCA and TCE concentrations were below laboratory reporting limits in both March and September 2023 sampling events.
- As the reductive dechlorination process continues, concentrations of 1,1,1-TCA daughter products (1,1-DCA, chloroethane) and TCE daughter products (cis-1,2-DCE and vinyl chloride) are expected to fluctuate and may increase before decreasing. Following the November 2022 EVO injection event, 1,1-DCA was detected at 930 $\mu\text{g/L}$ in March 2023 and below the reporting limit of 50 $\mu\text{g/L}$ in September 2023. Chloroethane concentrations were detected at 1,600 $\mu\text{g/L}$ in March 2023 and increased to 2,000 $\mu\text{g/L}$ in September 2023, indicating continuous degradation of 1,1,1-TCA and 1,1-DCA in groundwater in AGM1-OB. Concentrations of cis-1,2-DCE and vinyl chloride in AGM1-OB were not detected above the laboratory reporting limit of 50 $\mu\text{g/L}$ during both March and September 2023 sampling events.
- 1,1-DCA and chloroethane were detected above the NYSDEC GWQS at several overburden and shallow bedrock wells downgradient and in the vicinity of EVO injection treatment area during the March 2023 and September 2023 monitoring events. The increased concentrations are attributed to the breakdown of 1,1,1-TCA.
- Cis-1,2-DCE and/or vinyl chloride were detected above the NYSDEC GWQS in one overburden well (AGM3-OB) and six shallow bedrock monitoring wells [AGM1-SB, AGM2-SB, AGM5-SB, AGM6-SB, AGM8-SB, and MW99-F(I)] during both sampling events. The increased concentrations are attributed to the breakdown of TCE.

Analytical results for VOCs from the March and September 2023 sampling events are summarized in **Tables 3 and 5**, respectively. Historical target VOCs results are summarized in **Table 7**. VOCs distribution in groundwater is presented on **Figure 5**. The concentration trends for the COCs are presented in **Appendix D**.

4.2.1.3 Total Organic Carbon

TOC monitoring was conducted in March and September 2023 at select wells to verify that a sufficient concentration of organic carbon is maintained (i.e., greater than 20 milligrams per liter [mg/L] in monitoring wells) within the target treatment area of the Site (i.e. near AGM1-OB).

TOC levels have increased significantly near AGM1-OB following the 2022 EVO injection event. The increased TOC levels indicate that an in-situ reactive zone has been created near AGM1-OB to provide adequate enhancement to the naturally occurring biodegradation processes. TOC levels were observed above 20 mg/L at AGM1-OB in March and September 2023. TOC levels at AGM3-OB were below 20 mg/L in March 2023 and above 20 mg/L in September 2023. TOC data are summarized in **Tables 4 and 6**.

4.2.1.4 pH

Data from the March and September 2023 groundwater sampling events indicate that pH values are neutral in monitoring wells within the target remedial treatment area. Neutral pH values indicate that conditions are conducive to reductive dechlorination processes. The pH values from March and September 2023 sampling events are summarized in **Tables 4 and 6**, respectively.

4.2.1.5 Total Cyanide

The September 2023 data indicated that total cyanide concentrations ranged between non-detect at MW99-J(I) and 3,800 µg/L at AGM7-SB. Cyanide was detected above the NYSDEC GWQS of 200 µg/L at five shallow bedrock monitoring wells (AGM3-SB, AGM4-SB, AGM6-SB, AGM7-SB, and MW99-D(I)). Total cyanide was not detected above the NYSDEC GWQS at the overburden and intermediate bedrock monitoring wells. Total cyanide results from the September 2023 sampling event are summarized in **Table 5**. Distribution of cyanide in groundwater is shown on **Figure 6**. Historical total cyanide analytical results are summarized in **Table 7**.

4.2.1.6 1,4-Dioxane

The results of 1,4-dioxane are summarized in **Table 8**. Laboratory analytical reports and electronic data deliverables are provided in **Appendix B**. A copy of Data Usability Summary Reports is provided in **Appendix C**. The results were compared to the February 2023 NYSDEC guidance value for groundwater (0.35 µg/L).

During the September 2023 event, 1,4-dioxane was detected above the NYSDEC guidance value of 0.35 µg/L at 38 of the 48 sampled onsite and offsite monitoring wells. Concentrations ranged between non-detect at monitoring wells AGM1-IB, MW99-E(D), MW99-I(D), MW99-J(S), GEB-29BS, GEB-29BI, GEB-30BD, and GW-1S and 840 µg/L at monitoring well (AGM3-SB). 1,4-Dioxane groundwater sampling events were previously implemented in August 2004, September 2021 and September 2022. Historical site data is included on **Figure 7**.

Onsite Monitoring Wells

- 1,4-Dioxane was detected above the NYSDEC guidance value for groundwater of 0.35 µg/L at 31 of 37 onsite monitoring wells.
- Concentrations of 1,4-dioxane in groundwater from shallow bedrock wells are greater than concentrations in groundwater from overburden and intermediate bedrock wells.
- The September 2023 analytical results are either similar to or below the concentrations reported in August 2004, September 2021, and September 2022 at most of the onsite monitoring wells.

Offsite Monitoring Wells

- Groundwater sampled from MW99-J(I) and MW99-J(D) (located north and downgradient of the Site) contained 1,4-dioxane concentrations greater than the NYSDEC guidance value. 1,4-Dioxane at overburden monitoring well MW99-J(S) was not detected above the laboratory reporting limit of 0.44 µg/L. 1,4-Dioxane

concentrations are consistent with the data collected during the August 2004, September 2021, and September 2022 sampling events.

- Groundwater sampled from MW99-H(I), MW99-H(D), MW99-I(S), and MW99-I(I), located west of Oxford Street and side-gradient of the Site, contained 1,4-dioxane concentrations greater than the NYSDEC guidance value of 0.35 µg/L. Historical 1,4-Dioxane concentrations ranged between 3.5 µg/L in September 2021 at MW99-H(D) and 39 µg/L during September 2022 event at MW99-I(I). 1,4-Dioxane at intermediate well MW99-I(D) was detected below the laboratory reporting limit of 0.23 µg/L as well as below the NYSDEC guidance value. Historical 1,4-Dioxane concentrations ranged between 0.15 µg/L in September 2022 and 10 µg/L in September 2021 at this well.
- Groundwater sampled from GEB-30BS (shallow bedrock well) and GEB-30BI (intermediate well), located east and sidegradient of the Site contained 1,4-dioxane concentrations greater than the NYSDEC guidance value for groundwater of 0.35 µg/L. Historical 1,4-Dioxane concentrations ranged between below the laboratory reporting limit of 0.21 µg/L in September 2022 and 0.76 µg/L in September 2021 at GEB-30BS, and between below the laboratory reporting limit of 0.23 µg/L in September 2022 and 0.14 µg/L in September 2021 at GEB-30BI.

The September 2023 data were used to generate 1,4-dioxane isoconcentration contours for each hydrogeologic zone. The isoconcentration contours are presented on **Figure 7**. Delineation of 1,4-dioxane to the February 2023 NYSDEC guidance value for groundwater is not complete north (downgradient) and east (sidegradient) of the Site. Delineation towards the west of the Site (side-gradient, west of Oxford Street) was conducted by extrapolation as shown on **Figure 7**. The risk related to concentrations greater than the NYSDEC guidance value for groundwater remains low as groundwater in this area is not used for drinking purposes, and vapor intrusion of 1,4-dioxane is not an issue due to the limited potential for volatilization.

4.2.2 Soil Gas/Vapor Monitoring

The vapor monitoring network includes a total of seven vapor monitoring points VMP-3, VMP-4, VMP-5, and VMP-8 through VMP-11. The vapor monitoring results for the March and September 2023 sampling events are summarized in **Table 9**. Based on the field readings, no analytical samples for VOC analysis were collected during the sampling events.

Elevated methane concentrations were not detected at any vapor monitoring point in March or September 2023. To prevent the accumulation of excessive methane within the target treatment area, the vapor monitoring points were vented to a passive venting system. The passive venting system is still in operation.

4.2.3 Post-EVO Injection Performance Monitoring

To evaluate the effectiveness of the November 2022 EVO injection, groundwater samples were collected from monitoring wells AGM1-OB, AGM1-SB, AGM3-OB, AGM7-OB, and AGM8-OB in March and September 2023. The VOC results indicated that the EVO injection has been effectively reducing the concentrations of 1,1,1-TCA and TCE at AGM1-OB and AGM1-SB. In addition, both 1,1,1-TCA and TCE concentrations remained below the NYSDEC GWQS at the remaining three monitoring wells following the EVO injection.

TOC levels (above 20 mg/L) indicated that an in-situ reactive zone has been created near AGM1-OB and AGM3-OB to provide adequate enhancement to the naturally occurring biodegradation processes.

The dissolved gases results showed an increase in ethane and ethene concentrations at AGM1-OB following the November 2022 EVO injection. This indicates that complete dechlorination occurred in this area. In addition, methane concentrations increased since baseline sampling in September 2022 at AGM1-OB. A strong reducing condition was established at this area, as indicated by production of methane by methanogenesis. The dissolved gases results are summarized in **Table 10**.

5 Operation and Maintenance Plan Compliance Report

An Operation and Maintenance (O&M) Plan for the groundwater remediation system was submitted to the NYSDEC in September 2006. Since the termination of the carbohydrate injection in August 2008, the O&M Plan is no longer applicable. No corrective action is recommended.

6 Overall PRR Conclusions and Recommendations

6.1 Conclusions

The activities conducted between January 30, 2023 and January 30, 2024 indicate the following conclusions:

- All components of the SMP are in compliance. No corrective recommendations are needed.
- The primary COCs, 1,1,1-TCA and TCE, were detected below the NYSDEC GWQS in all sampled overburden, shallow bedrock, and intermediate bedrock wells during the September 2023 monitoring event.
- Total cyanide was detected above the NYSDEC GWQS in the onsite shallow bedrock wells only.
- The November 2022 EVO injection was effectively reducing the 1,1,1-TCA and TCE concentrations in AGM1-OB area to below the NYSDEC GWQS. In addition, 1,1,1-TCA and TCE remained at the levels below the NYSDEC GWQS at the remaining monitoring wells.
- The remedial program for groundwater is performing effectively to achieve remedial objectives identified in the ROD.
- 1,4-Dioxane was detected above the February 2023 NYSDEC guidance value for groundwater of 0.35 µg/L at 31 of the 37 onsite monitoring wells. 1,4-Dioxane concentrations are generally higher in the groundwater in shallow bedrock wells than in the groundwater in overburden and intermediate bedrock wells. Offsite and side-gradient well clusters (MW99-H, MW99-I, MW99-J, and GEB-30) contained 1,4-dioxane concentrations above the NYSDEC guidance value.
- Except for 1,4-dioxane, there are no additional groundwater impacts in offsite wells.

6.2 Recommendations

Recommendations for the next reporting period (i.e. January 30, 2024 to January 30, 2025) include the following activities.

6.2.1 Per-and Polyfluoroalkyl Substances Sampling

Per- and polyfluoroalkyl substances (PFAS) sampling was conducted at four onsite monitoring wells (AGM1-OB, AGM1-SB, AGM3-OB, and AGM5-OB) in 2020 and 2021. PFAS samples were analyzed using modified USEPA Method 537. 10 of 21 PFAS compounds were detected above laboratory reporting limit in four wells however no detections were present above previously established guidance values. The data indicated that PFAS compounds are not considered as potential COCs in Site groundwater. No further assessment of PFAS in site groundwater was recommended.

The NYSDEC reduced guidance values in February 2023. 3M proposes resampling for PFAS at the same four monitoring wells in March 2024. Groundwater samples will be collected using the low-flow sampling method. Field parameters (specific conductance, pH, ORP, dissolved oxygen, turbidity, and temperature) and water levels will be measured at each monitoring well during the sampling. In accordance with the NYSDEC's document, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs, dated April 2023, each groundwater sample will be analyzed for 40 PFAS compounds listed in the document using USEPA Draft Method 1633. The PFAS samples will be analyzed at Eurofins laboratory located in Lancaster, Pennsylvania (NY Lab ID No: 10670). Eurofins Lancaster laboratory is certified to analyze for/report all PFAS compounds currently certifiable (i.e., 26 PFAS compounds) in accordance with the New York State Department of Health.

The field QA/QC samples will include equipment blank, field blank, trip blank, field duplicate sample, and matrix spike and matrix spike duplicate sample. Blank water to be provided by the laboratory will be certified as PFAS-free. All QA/QC samples will be analyzed for PFAS.

It is known that many items and materials used for environmental investigation can potentially contain PFAS. These items and materials, such as field sampling equipment, field clothing, personal protective equipment, personal care products, and food packaging, are the potential sources for PFAS cross-contamination. Therefore, field sampling personnel will take practical and appropriate precautions to avoid items that are likely to contain PFAS during sampling at the Site. The NYSDEC's document, Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs, dated April 2023, will be followed for PFAS sampling. Given that VOCs and PFAS samples will be taken during the event, PFAS samples will be taken first, followed by VOCs and TOC samples to avoid potential PFAS cross-contamination.

6.2.2 Site-Wide Groundwater Monitoring Program

As part of the MNA program for VOCs and total cyanide, site-wide groundwater sampling will be conducted twice in 2024 (i.e., semi-annual groundwater monitoring in March and annual groundwater monitoring in September) to evaluate the groundwater quality. The site-wide groundwater monitoring program will be used as the post-injection performance monitoring to evaluate the performance and the effectiveness of the November 2022 EVO injection conducted near AGM1-OB. Samples of dissolved gases including ethene, ethane, and methane, will be collected at AGM1-OB during the March and September 2024 monitoring events. In addition, TOC samples will be collected at select monitoring wells. The proposed groundwater monitoring program for 2024 is summarized in **Table 11** and on **Figure 8** (Proposed VOCs Sampling Plan) and **Figure 9** (Proposed Cyanide Sampling Plan).

The 1,4-dioxane sampling will continue on an annual basis and will be conducted in September 2024. The 1,4-dioxane samples will be collected at select onsite and offsite monitoring wells. The proposed sampling locations are provided in **Table 11** and on **Figure 10** (Proposed 1,4-Dioxane Sampling Plan).

Field vapor monitoring will be performed from the existing vapor monitoring points (VMP-3 through VMP-5, and VMP-8 to VMP-11) during each groundwater sampling event in 2024. These data will be used to evaluate the generation of the gaseous byproducts (e.g., methane and hydrogen sulfide) during anaerobic biodegradation following the EVO injections in November 2022.

6.2.3 MW98-B and GW-1S

As indicated in the RPR submitted to the NYSDEC in January 2023, MW98-B was found missing at the Site since 2004. On September 1, 2022, Arcadis and a New York State-licensed land surveyor tried to locate MW98-B based on the coordinates Arcadis has on file. An approximate 15-foot by 15-foot area from the possible MW98-B location was screened using a metal detector. This well could not be located at the Site. Therefore, no further sampling is recommended for MW98-B.

Well abandonment is recommended for onsite monitoring well GW-1S based on the following:

- No VOCs, total cyanide, and 1,4-dioxane impacts were observed in September 2022.
- An overburden monitoring well, located within the center of the Site where other existing downgradient and sidegradient monitoring wells [MW99-D(S) and GEB-29BS], can be used to monitor/delineate the groundwater quality at the Site.
- The monitoring well is used exclusively by 3M; GE does not collect groundwater samples from this location.

6.2.4 PRR Reporting Schedule

Per the NYSDEC's approval in the letter dated February 13, 2024, the combination of the annual RPR and PRR as one submission, starting with the February 2024 report submittal, will continue. The PRR for the reporting period of January 30, 2024 and January 30, 2025 will be submitted to the NYSDEC by March 1, 2025.

7 References

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Tables

Table 1
2023 Groundwater Monitoring Schedule
Former 3M/Dynacolor Facility
Brockport, New York



Semi-annual Groundwater Monitoring			Annual Groundwater Monitoring					
Groundwater Monitoring Schedule March 2023			Annual Groundwater Monitoring Schedule September 2023					
VOCs Field Parameters	TOC	Dissolved Gases	VOCs Field Parameters	Total Cyanide	TOC	Dissolved Gases	1,4-Dioxane	
AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	MW99-H(S)
AGM1-SB	AGM1-SB		AGM1-SB	AGM3-SB	AGM1-SB		AGM1-SB	MW99-H(I)
AGM3-OB	AGM3-OB		AGM2-OB	AGM4-SB	AGM3-OB		AGM1-IB	MW99-H(D)
AGM3-SB	AGM7-OB		AGM2-SB	AGM5-SB	AGM7-OB		AGM2-OB	MW99-J(S)
AGM5-SB	AGM8-OB		AGM3-OB	AGM6-SB	AGM8-OB		AGM2-SB	MW99-J(I)
AGM6-SB			AGM3-SB	AGM7-OB			AGM2-IB	MW99-J(D)
AGM7-OB			AGM3-IB	AGM7-SB			AGM3-OB	MW99-I(S)
AGM7-SB			AGM4-OB	MW99-D(I)			AGM3-SB	MW99-I(I)
AGM8-OB			AGM4-SB	MW99-J(I)			AGM3-IB	MW99-I(D)
AGM8-SB			AGM5-OB				AGM4-OB	GW-1S
MW99-G(S)			AGM5-SB				AGM4-SB	GEB-28BS
MW99-H(I)			AGM6-SB				AGM4-IB	GEB-28BI
			AGM7-OB				AGM5-OB	GEB-28BD
			AGM7-SB				AGM5-SB	GEB-29BS
			AGM8-OB				AGM6-SB	GEB-29BI
			AGM8-SB				AGM7-OB	GEB-29BD
			MW99-C(S)				AGM7-SB	GEB-30BS
			MW99-C(I)				AGM8-OB	GEB-30BI
			MW99-D(I)				AGM8-SB	GEB-30BD
			MW99-F(I)				MW99-C(S)	
			MW99-F(D)				MW99-C(I)	
			MW99-G(S)				MW99-D(S)	
			MW99-G(I)				MW99-D(I)	
			MW99-G(D)				MW99-E(D)	
			MW99-H(S)				MW99-F(S)	
			MW99-H(I)				MW99-F(I)	
			MW99-H(D)				MW99-F(D)	
			MW99-I(S)				MW99-G(S)	
			MW99-I(I)				MW99-G(I)	
			MW99-J(S)				MW99-G(D)	
			MW99-J(I)					

Notes:

TOC = Total Organic Carbon

VOCs = Volatile Organic Compounds

Field parameters for groundwater include pH, specific conductivity, temperature, turbidity, dissolved oxygen, and redox potential.

Dissolved gases include methane, ethane, and ethene.

Table 2
Summary of Groundwater Elevations, March and September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Well I.D.	Top of Casing Elevation (ft above MSL)	Well Diameter	Well Material	March 2023		September 2023	
				Groundwater Level Measurement (ft below TOC)	Groundwater Elevation (ft above MSL)	Groundwater Level Measurement (ft below TOC)	Groundwater Elevation (ft above MSL)
AGM1-OB ¹	525.95	2-inch	PVC	3.47	522.48	4.11	521.84
AGM1-SB	525.15	2-inch	PVC	13.68	511.47	12.71	512.44
AGM1-IB	525.33	2-inch	PVC	17.78	507.55	18.08	507.25
AGM2-OB	524.38	2-inch	PVC	3.07	521.31	3.73	520.65
AGM2-SB	524.25	2-inch	PVC	15.05	509.20	15.40	508.85
AGM2-IB	524.03	2-inch	PVC	17.28	506.75	17.19	506.84
AGM3-OB	522.01	2-inch	PVC	3.21	518.80	6.48	515.53
AGM3-SB	522.10	2-inch	PVC	8.12	513.98	9.98	512.12
AGM3-IB	522.13	2-inch	PVC	15.27	506.86	15.93	506.20
AGM4-OB	522.06	2-inch	PVC	1.32	520.74	1.78	520.28
AGM4-SB	521.79	2-inch	PVC	1.78	520.01	1.83	519.96
AGM4-IB	521.89	2-inch	PVC	14.55	507.34	14.77	507.12
AGM5-OB	512.04	2-inch	PVC	3.45	508.59	5.94	506.10
AGM5-SB	511.82	2-inch	PVC	3.92	507.90	5.46	506.36
AGM6-SB ²	518.89	2-inch	PVC	7.25	511.64	8.73	510.16
AGM7-OB	524.73	2-inch	PVC	2.91	521.82	3.39	521.34
AGM7-SB	524.48	2-inch	PVC	3.20	521.28	3.43	521.05
AGM8-OB	523.73	2-inch	PVC	2.17	521.56	2.87	520.86
AGM8-SB	523.38	2-inch	PVC	12.04	511.34	12.48	510.90
MW99-C(S)	518.24	2-inch	S.S.	4.43	513.81	6.99	511.25
MW99-C(I)	516.34	2-inch	S.S.	4.92	511.42	7.24	509.10
MW99-D(S)	511.05	2-inch	S.S.	2.51	508.54	4.41	506.64
MW99-D(I)	510.09	2-inch	S.S.	1.41	508.68	3.06	507.03
MW99-E(D)	515.23	2-inch	S.S.	20.68	494.55	10.31	504.92
MW99-F(S) ²	523.76	2-inch	S.S.	0.31	523.45	1.58	522.18
MW99-F(I)	522.81	2-inch	S.S.	1.43	521.38	1.39	521.42
MW99-F(D)	523.56	2-inch	S.S.	3.17	520.39	3.79	519.77
MW99-G(S) ²	522.23	2-inch	S.S.	3.88	518.35	7.84	514.39
MW99-G(I) ²	522.48	2-inch	S.S.	6.68	515.80	9.36	513.12
MW99-G(D) ²	522.44	2-inch	S.S.	16.61	505.83	16.68	505.76
MW99-H(S)	512.78	2-inch	S.S.	3.83	508.95	6.31	506.47
MW99-H(I)	513.15	2-inch	S.S.	4.90	508.25	7.42	505.73
MW99-H(D)	514.09	2-inch	S.S.	9.04	505.05	9.49	504.60
MW99-I(S)	504.94	2-inch	S.S.	2.93	502.01	4.24	500.70
MW99-I(I)	505.16	2-inch	S.S.	2.37	502.79	3.58	501.58
MW99-I(D) ²	505.01	2-inch	S.S.	15.48	489.53	16.81	488.20
MW99-J(S)	504.92	2-inch	S.S.	3.24	501.68	3.73	501.19
MW99-J(I)	504.54	2-inch	S.S.	2.16	502.38	2.11	502.43
MW99-J(D)	504.72	2-inch	S.S.	9.05	495.67	11.16	493.56
GW-1S	520.11	2-inch	PVC	11.61	508.50	12.68	507.43
GEB-28BS	NA	2-inch	PVC	2.77	NA	3.74	NA
GEB-28BI	NA	2-inch	PVC	9.62	NA	9.72	NA
GEB-28BD	NA	2-inch	PVC	8.82	NA	8.94	NA
GEB-29BS	NA	2-inch	PVC	2.13	NA	4.63	NA
GEB-29BI	NA	2-inch	PVC	1.81	NA	4.10	NA
GEB-29BD	NA	2-inch	PVC	7.18	NA	6.55	NA
GEB-30S	NA	2-inch	PVC	6.79	NA	7.49	NA
GEB-30BS	NA	2-inch	PVC	6.20	NA	6.76	NA
GEB-30BI	NA	2-inch	PVC	6.64	NA	6.54	NA
GEB-30BD	NA	2-inch	PVC	9.33	NA	7.97	NA

Notes:

ft = Feet

MSL = Mean Sea Level

PVC = Polyvinyl Chloride

S.S. = Stainless Steel

TOC = Top of Casing

NA = Not Available

1 = AGM1-OB was repaired in June 2022 and the top of well casing elevation was surveyed in September 2022.

2 = Top of well casing elevation was surveyed in May 2020.

Table 3
Summary of VOCs in Groundwater, March 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	AGM-1-OB	AGM-1-SB	AGM-3-OB	AGM-3-SB	AGM-5-SB	AGM-6-SB	AGM-7-OB	AGM-7-SB								
		Sample Date:	3/9/2023	3/9/2023	3/9/2023	3/8/2023	3/9/2023	3/8/2023	3/8/2023	3/8/2023								
		Dilution Factor:	50	5	5	40	5	1	4	1								
			Q	Q	Q	Q	Q	Q	Q	Q								
Volatile Organic Compounds																		
1,1,1-Trichloroethane	5		<u>67</u>	5	U	5	U	40	U	5	U	1	U	4	UJ	<u>3.1</u>		
1,1,2,2-Tetrachloroethane	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
1,1,2-Trichloroethane	1		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
1,1-Dichloroethane	5		<u>930</u>		<u>200</u>		<u>7.6</u>		<u>700</u>		<u>3.5</u>	J	<u>18</u>		4	U	<u>66</u>	
1,1-Dichloroethene	5		<u>47</u>	J	<u>15</u>		5	U	40	U	5	U	<u>1.0</u>		4	U	<u>0.73</u>	J
1,2-Dichloroethane	0.6		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
1,2-Dichloropropane	1		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Acrolein	5		1000	U	100	U	100	U	800	U	100	U	20	U	80	U	20	U
Acrylonitrile	5		1000	U	100	U	100	U	800	U	100	U	20	U	80	U	20	U
Benzene	1		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Bromodichloromethane	~		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Bromoform	~		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Bromomethane	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Carbon tetrachloride	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Chlorobenzene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Chloroethane	5		<u>1600</u>		<u>57</u>		<u>5.9</u>		<u>180</u>		5	U	1	U	4	U	<u>53</u>	
Chloroform	7		50	U	5	U	5	U	40	U	5	U	1	U	<u>13</u>		1	U
Chloromethane	~		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
cis-1,2-Dichloroethene	5		50	U	<u>9.1</u>		5	U	40	U	5	U	<u>9.9</u>		4	U	<u>0.88</u>	J
cis-1,3-Dichloropropene	0.4*		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Dibromochloromethane	~		100	U	10	U	10	U	80	U	10	U	2	U	8	U	2	U
Ethylbenzene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Methylene Chloride	5		100	U	10	U	10	U	80	U	10	U	2	U	4	U	2	U
m-Xylene & p-Xylene	5		100	U	10	U	10	U	80	U	10	U	2	U	8	U	2	U
o-Xylene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Tetrachloroethene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Toluene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
trans-1,2-Dichloroethene	5		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
trans-1,3-Dichloropropene	0.4*		50	U	5	U	5	U	40	U	5	U	1	U	4	U	1	U
Trichloroethene	5		50	U	<u>5.1</u>		5	U	40	U	5	U	1	U	4	U	1	U
Vinyl chloride	2		50	U	<u>8.6</u>		5	U	40	U	5	U	<u>14</u>		4	U	<u>1.8</u>	

Table 3
Summary of VOCs in Groundwater, March 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	AGM-8-OB	AGM-8-SB	MW99-G(S)	MW99-G(S)	MW99-H(I)	Trip Blank	Field Blank	Field Blank								
		Sample Date:	3/9/2023	3/9/2023	3/8/2023	3/8/2023	3/8/2023	3/7/2023	3/8/2023	3/9/2023								
		Dilution Factor:	2	10	4	4	2	1	1	1								
		DUP																
		Q	Q	Q	Q	Q	Q	Q	Q									
Volatile Organic Compounds																		
1,1,1-Trichloroethane	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
1,1-Dichloroethane	5		23		110		3.0	J	3.2	J	2.1		1	U	1	U	1	U
1,1-Dichloroethene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
1,2-Dichloropropane	1		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Acrolein	5		40	U	200	U	80	U	80	U	40	U	20	U	20	U	20	U
Acrylonitrile	5		40	U	200	U	80	U	80	U	40	U	20	U	20	U	20	U
Benzene	1		2	U	10	U	4	U	4	U	1.2	J	1	U	1	U	1	U
Bromodichloromethane	~		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Bromoform	~		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Bromomethane	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Carbon tetrachloride	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Chlorobenzene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Chloroethane	5		1.9	J	40		4	U	4	U	2	U	1	U	1	U	1	U
Chloroform	7		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Chloromethane	~		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5		2	U	18		4	U	4	U	2	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	0.4*		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Dibromochloromethane	~		2	U	20	U	8	U	8	U	4	U	1	U	1	U	1	U
Ethylbenzene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Methylene Chloride	5		4	U	20	U	8	U	8	U	4	U	2	U	2	U	2	U
m-Xylene & p-Xylene	5		4	U	20	U	8	U	8	U	4	U	2	U	2	U	2	U
o-Xylene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Tetrachloroethene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Toluene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	0.4*		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Trichloroethene	5		2	U	10	U	4	U	4	U	2	U	1	U	1	U	1	U
Vinyl chloride	2		2	U	24		4	U	4	U	2	U	1	U	1	U	1	U

Table 3
Summary of VOCs in Groundwater, March 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Equipment Blank Equipment Blank			
		Sample Date:	3/8/2023	3/9/2023	
		Dilution Factor:	1	1	
			Q	Q	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U
1,2-Dichloroethane	0.6	1	U	1	U
1,2-Dichloropropane	1	1	U	1	U
Acrolein	5	20	U	20	U
Acrylonitrile	5	20	U	20	U
Benzene	1	1	U	1	U
Bromodichloromethane	~	1	U	1	U
Bromoform	~	1	U	1	U
Bromomethane	5	1	U	1	U
Carbon tetrachloride	5	1	U	1	U
Chlorobenzene	5	1	U	1	U
Chloroethane	5	1	U	1	U
Chloroform	7	1	U	1	U
Chloromethane	~	1	U	1	U
cis-1,2-Dichloroethene	5	1	U	1	U
cis-1,3-Dichloropropene	0.4*	1	U	1	U
Dibromochloromethane	~	1	U	1	U
Ethylbenzene	5	1	U	1	U
Methylene Chloride	5	2	U	2	U
m-Xylene & p-Xylene	5	2	U	2	U
o-Xylene	5	1	U	1	U
Tetrachloroethene	5	1	U	1	U
Toluene	5	1	U	1	U
trans-1,2-Dichloroethene	5	1	U	1	U
trans-1,3-Dichloropropene	0.4*	1	U	1	U
Trichloroethene	5	1	U	1	U
Vinyl chloride	2	1	U	1	U

Table 3
Summary of VOCs in Groundwater, March 2023
Former 3M/Dynacolor Facility
Brockport, New York



Notes:

µg/L = Micrograms per liter

* = Applies to the total for 1,3-Dichloro-1-propene

~ = No NYSDEC Groundwater Quality Standard designated

NYSDEC = New York State Department of Environmental Conservation

Q = Qualifier

DUP = Duplicate sample

J = Associated value is an estimate

U = Constituent was not detected at or above the reporting limit

190 = Bold and underline indicates that concentration exceeded NYSDEC Groundwater Quality Standards

2.8 = Bold indicates a detection

Table 4
Summary of TOC and Field Parameters in Groundwater, March 2023
Former 3M/Dynacolor Facility
Brockport, New York



Sample ID:	AGM-1-OB	AGM-1-SB	AGM-3-OB	AGM-3-SB	AGM-5-SB	AGM-6-SB	AGM-7-OB	AGM-7-SB
Parameter	Date Sampled:	3/9/2023	3/9/2023	3/9/2023	3/8/2023	3/9/2023	3/8/2023	3/8/2023
Redox (mV)		-155.8	-317.6	-135.6	-167.1	-290.3	-79	-115.6
pH		5.66	8.55	7.28	7.03	6.35	6.97	7.5
Specific Conductivity (mS/cm)		0.920	1.929	4.164	9.193	5.819	3.797	2.801
Temp (°C)		7.10	9.4	6.70	10.6	7.9	10.10	8.3
Dissolved Oxygen (mg/L)		0.14	0.12	0.18	0.13	0.96	0.2	0.15
Turbidity (NTU)		OR	19.3	3.74	6.12	5.21	13.6	5.27
Total Organic Carbon (mg/L)		483	17.2	19.3	NA	NA	NA	9.0

Sample ID:	AGM-8-OB	AGM-8-SB	MW-99-G(S)	MW-99-H(I)
Parameter	Date Sampled:	3/9/2023	3/9/2023	3/8/2023
Redox (mV)		-403.6	-279.6	-325.2
pH		6.93	6.69	6.39
Specific Conductivity (mS/cm)		0.666	2.140	11.824
Temp (°C)		4.70	9.90	7.50
Dissolved Oxygen (mg/L)		0.94	0.89	0.79
Turbidity (NTU)		8.76	12.0	4
Total Organic Carbon (mg/L)		37.2	NA	NA

Notes:

°C = degree Celsius

mg/L = milligrams per liter

mS/cm = millisiemens per centimeter

mV = millivolts

NA = not analyzed

NTU = Nephelometric Turbidity Units

OR = Turbidity value exceeded measurement capability of field turbidity meter

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: AGM-1-OB		AGM-1-SB		AGM-2-OB		AGM-2-SB		AGM-3-IB		AGM-3-OB		AGM-3-SB		AGM-4-OB	
		Sample Date: 9/27/2023		9/27/2023		9/26/2023		9/26/2023		9/26/2023		9/25/2023		9/26/2023		9/25/2023	
		Dilution Factor: 50		5		4		1		2		2		40		1	
		Q		Q		Q		Q		Q		Q		Q		Q	
Volatile Organic Compounds																	
1,1,1-Trichloroethane	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
1,1,2,2-Tetrachloroethane	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
1,1,2-Trichloroethane	1	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
1,1-Dichloroethane	5	50	U	<u>250</u>		<u>20</u>		<u>3.7</u>		<u>2.6</u>	J	<u>28</u>		<u>710</u>	J	1	U
1,1-Dichloroethene	5	50	U	<u>6.3</u>		4	U	1	U	2	U	<u>1.3</u>	J	40	U	1	U
1,2-Dichloroethane	0.6	50	U	5	U	4	U	1	U	2	U	<u>0.47</u>	J	40	U	1	U
1,2-Dichloropropane	1	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Acrolein	5	1000	U	100	U	80	U	20	U	40	U	40	U	800	U	20	U
Acrylonitrile	5	1000	U	100	U	80	U	20	U	40	U	40	U	800	U	20	U
Benzene	1	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Bromodichloromethane	~	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Bromoform	~	50	U	5	U	4	UJ	1	U	2	UJ	2	U	40	UJ	1	U
Bromomethane	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Carbon tetrachloride	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Chlorobenzene	5	50	U	5	U	4	U	1	U	2	U	<u>2.2</u>		40	U	1	U
Chloroethane	5	<u>2000</u>		<u>65</u>		4	U	<u>4.4</u>		2	U	<u>12</u>		<u>170</u>		1	U
Chloroform	7	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Chloromethane	~	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
cis-1,2-Dichloroethene	5	50	U	<u>5.4</u>		4	U	<u>1.1</u>		2	U	<u>2.4</u>		40	U	1	U
cis-1,3-Dichloropropene	0.4*	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Dibromochloromethane	50	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Ethylbenzene	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Methylene Chloride	5	100	U	10	U	8	U	2	U	4	U	4	U	80	U	2	U
m-Xylene & p-Xylene	5	100	U	10	U	8	U	2	U	4	U	4	U	80	U	2	U
o-Xylene	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Tetrachloroethene	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Toluene	5	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
trans-1,2-Dichloroethene	5	50	U	5	U	4	U	<u>2.3</u>		2	U	2	U	40	U	1	U
trans-1,3-Dichloropropene	0.4*	50	U	5	U	4	U	1	U	2	U	2	U	40	U	1	U
Trichloroethene	5	50	U	<u>3.6</u>	J	4	U	1	U	2	U	2	U	40	U	1	U
Vinyl chloride	2	50	U	<u>6.2</u>		4	U	<u>2.1</u>		2	U	<u>5.2</u>		40	U	1	U
Cyanide - Total	200	<u>79</u>		NA		NA		NA		NA		NA		<u>560</u>		NA	

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-4-SB 9/26/2023 2	AGM-5-OB 9/22/2023 4	AGM-5-SB 9/22/2023 5	AGM-6-SB 9/26/2023 2	AGM-7-OB 9/27/2023 4	AGM-7-SB 9/27/2023 1	AGM-8-OB 9/26/2023 2	AGM-8-SB 9/26/2023 4
Constituent (µg/L)	(µg/L)		Q	Q	Q	Q	Q	Q	Q	Q
Volatile Organic Compounds										
1,1,1-Trichloroethane	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
1,1,2,2-Tetrachloroethane	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
1,1,2-Trichloroethane	1		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
1,1-Dichloroethane	5		<u>12</u>	<u>2.3</u> J	<u>20</u>	<u>7.7</u>	<u>4.3</u>	<u>16</u>	<u>22</u>	<u>140</u>
1,1-Dichloroethene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	<u>3.9</u> J
1,2-Dichloroethane	0.6		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
1,2-Dichloropropane	1		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Acrolein	5		40 U	80 U	100 U	40 U	80 U	20 U	40 U	80 U
Acrylonitrile	5		40 U	80 U	100 U	40 U	80 U	20 U	40 U	80 U
Benzene	1		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Bromodichloromethane	~		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Bromoform	~		2 UJ	4 U	5 U	2 UJ	4 U	1 U	2 U	4 U
Bromomethane	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Carbon tetrachloride	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Chlorobenzene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Chloroethane	5		2 U	4 U	<u>15</u>	2 U	4 U	<u>47</u>	2 U	<u>21</u>
Chloroform	7		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Chloromethane	~		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
cis-1,2-Dichloroethene	5		2 U	4 U	5 U	<u>6.1</u>	4 U	1 U	2 U	<u>21</u>
cis-1,3-Dichloropropene	0.4*		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Dibromochloromethane	50		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Ethylbenzene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Methylene Chloride	5		4 U	8 U	10 U	4 U	8 U	2 U	4 U	8 U
m-Xylene & p-Xylene	5		4 U	8 U	10 U	4 U	8 U	2 U	4 U	8 U
o-Xylene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Tetrachloroethene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Toluene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
trans-1,2-Dichloroethene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
trans-1,3-Dichloropropene	0.4*		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Trichloroethene	5		2 U	4 U	5 U	2 U	4 U	1 U	2 U	4 U
Vinyl chloride	2		2 U	4 U	<u>6.7</u>	<u>6.7</u>	4 U	<u>1.1</u>	2 U	<u>41</u>
Cyanide - Total	200		<u>630</u>	NA	<u>110</u>	<u>320</u>	<u>130</u>	<u>3800</u>	NA	NA

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	MW99-C(I)	MW99-C(S)	MW99-D(I)	MW99-F(D)	MW99-F(I)	MW99-G(D)	MW99-G(I)	MW99-G(S)								
		Sample Date:	9/22/2023	9/22/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023								
		Dilution Factor:	2	2	2	1	1	2	2	4								
Volatile Organic Compounds																		
1,1,1-Trichloroethane	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
1,1,2,2-Tetrachloroethane	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
1,1,2-Trichloroethane	1		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
1,1-Dichloroethane	5		3.8		13		1.1	J	1	U	3.9		3.1		3.7		4	U
1,1-Dichloroethene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
1,2-Dichloroethane	0.6		1.7	J	2	U	2	U	1	U	1	U	2	U	2	U	4	U
1,2-Dichloropropane	1		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Acrolein	5		40	U	40	U	40	U	20	U	20	U	40	U	40	U	80	U
Acrylonitrile	5		10	U	10	U	40	U	20	U	20	U	40	U	40	U	80	U
Benzene	1		2	U	2	U	2	U	1	U	1	U	5.6		2	U	4	U
Bromodichloromethane	~		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Bromoform	~		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Bromomethane	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Carbon tetrachloride	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Chlorobenzene	5		1.9	J	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Chloroethane	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Chloroform	7		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Chloromethane	~		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
cis-1,2-Dichloroethene	5		2	U	2	U	2	U	1	U	2.4		2	U	2	U	4	U
cis-1,3-Dichloropropene	0.4*		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Dibromochloromethane	50		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Ethylbenzene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Methylene Chloride	5		2	U	2	U	4	U	2	U	2	U	4	U	4	U	8	U
m-Xylene & p-Xylene	5		4	U	4	U	4	U	2	U	2	U	4	U	2.8	J	8	U
o-Xylene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Tetrachloroethene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Toluene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
trans-1,2-Dichloroethene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
trans-1,3-Dichloropropene	0.4*		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Trichloroethene	5		2	U	2	U	2	U	1	U	1	U	2	U	2	U	4	U
Vinyl chloride	2		2	U	2	U	2	U	1	U	14		2	U	2	U	4	U
Cyanide - Total	200		NA		NA		300		NA		NA		NA		NA		NA	

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	MW99-H(D)	MW99-H(I)	MW99-I(I)	MW99-I(S)	MW99-J(I)	MW99-J(S)	Trip Blank	Trip Blank
			9/22/2023	9/22/2023	9/27/2023	9/27/2023	9/21/2023	9/22/2023	9/25/2023	9/27/2023
			1	2	2	1	1	1	1	1
			Q	Q	Q	Q	Q	Q	Q	Q
Volatile Organic Compounds										
1,1,1-Trichloroethane	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		0.61 J	2.2	2 U	0.45 J	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		0.38 J	2 U	2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Acrolein	5		20 U	40 U	40 U	20 U	20 U	20 U	20 U	20 U
Acrylonitrile	5		5 U	10 U	40 U	20 U	5 U	5 U	20 U	20 U
Benzene	1		0.48 J	0.99 J	2 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	~		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Bromoform	~		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 UJ
Carbon tetrachloride	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	~		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4*		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5		1 U	2 U	4 U	2 U	1 U	1 U	2 U	2 U
m-Xylene & p-Xylene	5		2 U	4 U	4 U	2 U	2 U	2 U	2 U	2 U
o-Xylene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4*		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U
Cyanide - Total	200		NA	NA	NA	NA	100 U	NA	NA	NA

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	Field Blank		Field Blank		Equipment Blank		Equipment Blank		Equipment Blank	
			9/27/2023		9/28/2023		9/22/2023		9/22/2023		9/26/2023	
			1		1		1		1		1	
Volatile Organic Compounds												
1,1,1-Trichloroethane	5		1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5		1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1		1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5		1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5		1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6		1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	1		1	U	1	U	1	U	1	U	1	U
Acrolein	5		20	U	20	U	20	U	20	U	20	U
Acrylonitrile	5		20	U	20	U	5	U	5	U	20	U
Benzene	1		1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	~		1	U	1	U	1	U	1	U	1	U
Bromoform	~		1	U	1	U	1	U	1	U	1	U
Bromomethane	5		1	U	1	U	1	U	1	U	1	U
Carbon tetrachloride	5		1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5		1	U	1	U	1	U	1	U	1	U
Chloroethane	5		1	U	1	U	1	U	1	U	1	U
Chloroform	7		1	U	1	U	1	U	1	U	1	U
Chloromethane	~		1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5		1	U	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	0.4*		1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	50		1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5		1	U	1	U	1	U	1	U	1	U
Methylene Chloride	5		2	U	2	U	1	U	1	U	2	U
m-Xylene & p-Xylene	5		2	U	2	U	2	U	2	U	2	U
o-Xylene	5		1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	5		1	U	1	U	1	U	1	U	1	U
Toluene	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
trans-1,3-Dichloropropene	0.4*		1	U	1	U	1	U	1	U	1	U
Trichloroethene	5		1	U	1	U	1	U	1	U	1	U
Vinyl chloride	2		1	U	1	U	1	U	1	U	1	U
Cyanide - Total	200		18	U	4.5	J	NA		100	U	NA	

Table 5
Summary of VOCs and Total Cyanide in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Notes:

µg/L = Micrograms per liter

* = Applies to the total for 1,3-Dichloro-1-propene

~ = No NYSDEC Groundwater Quality Standard designated

NYSDEC = New York State Department of Environmental Conservation

Q = Qualifier

DUP = Duplicate sample

FB = Field blank

NA = Not analyzed

J = Associated value is an estimate

U = Element was not detected at or above the reporting limit

UB = Compound is considered non-detect at the listed value due to associated blank contamination

UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation

250 = Bold and underline represents that concentration exceeded NYSDEC Groundwater Quality Standards

0.35 = Bold indicates a detection

Table 6
Summary of TOC and Field Parameters in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



	Sample ID:	AGM-1-OB	AGM-1-SB	AGM-1-IB	AGM-2-OB	AGM-2-SB	AGM-2-IB	AGM-3-OB	AGM-3-SB	AGM-3-IB
Parameter	Date Sampled:	9/27/2023	9/27/2023	9/27/2023	9/26/2023	9/26/2023	9/26/2023	9/25/2023	9/26/2023	9/26/2023
Redox (mV)		-113.1	-326	-84.7	-26.1	-35.3	-64.4	-100.3	-130.5	-69.9
pH		6.01	6.57	6.21	6.19	6.22	6.29	7.33	7.17	6.95
Specific Conductivity (mS/cm)		1.49	2.42	8.78	3.24	0.909	13.775	4.04	10.2	3.52
Temp (°C)		16.13	14.3	13.47	14.8	13.17	12.91	19.9	15.7	14.9
Dissolved Oxygen (mg/L)		0.32	0.19	0.42	0.25	0.14	0.35	0.28	0.29	0.4
Turbidity (NTU)		0	4.59	16.7	8.0	9.3	6.3	11.62	20.21	12.06
Total Organic Carbon (mg/L)		172	15.3	NA	NA	NA	NA	21.6	NA	NA

	Sample ID:	AGM-4-OB	AGM-4-SB	AGM-4-IB	AGM-5-OB	AGM-5-SB	AGM-6-SB	AGM-7-OB	AGM-7-SB	AGM-8-OB	AGM-8-SB
Parameter	Date Sampled:	9/25/2023	9/26/2023	9/25/2023	9/22/2023	9/22/2023	9/26/2023	9/27/2023	9/27/2023	9/26/2023	9/26/2023
Redox (mV)		-133.1	-119.4	-179.7	-34.2	2.7	-61.5	-130.7	-155.2	-72.4	-95.4
pH		8.22	7.76	8.74	6.4	6.29	7.59	7.3	7.63	6.26	6.14
Specific Conductivity (mS/cm)		1.56	13.2	1.46	9.29	7.144	4.29	1.287	3.17	1.188	0.684
Temp (°C)		21.3	20.2	15.2	16.09	14.65	16.8	17.3	18.1	16.79	14.8
Dissolved Oxygen (mg/L)		0.29	0.26	0.29	0.24	0.3	0.33	0.48	1.09	0.12	0.06
Turbidity (NTU)		41.3	4.15	25.3	3.47	5.97	6.25	23.64	10.92	22.5	8.01
Total Organic Carbon (mg/L)		NA	NA	NA	NA	NA	NA	12.1	NA	15.1	NA

	Sample ID:	GW-1S	MW-99-C(S)	MW-99-C(I)	MW-99-D(I)	MW-99-F(I)	MW-99-F(D)	MW-99-G(S)	MW-99-G(I)
Parameter	Date Sampled:	9/27/2023	9/22/2023	9/22/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023
Redox (mV)		73.8	-47.5	-143.8	-93.6	-90.4	47.2	-78.7	-320.5
pH		6.28	8.06	7.52	7.38	6.1	6.88	6.98	8.77
Specific Conductivity (mS/cm)		1.234	5.873	10.835	4.323	1.098	0.842	17.407	5.378
Temp (°C)		18.12	19	16.5	15.7	16.85	16.85	16.7	16.3
Dissolved Oxygen (mg/L)		5.03	1.25	0.61	0.32	0.38	0.75	0.5	0.18
Turbidity (NTU)		20.2	30.5	14.05	2.76	12.9	7.07	6.19	9.04
Total Organic Carbon (mg/L)		NA	NA	NA	NA	NA	NA	13.8	NA

Table 6

Summary of TOC and Field Parameters in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Parameter	Sample ID: MW-99-G(D)	MW-99-H(I)	MW-99-H(D)	MW-99-I(S)	MW-99-I(I)	MW-99-I(D)	MW-99-J(S)	MW-99-J(I)	MW-99-J(D)
Date Sampled:	9/28/2023	9/22/2023	9/22/2023	9/27/2023	9/27/2023	9/27/2023	9/22/2023	9/21/2023	9/21/2023
Redox (mV)	-246	-4.4	53.6	-20.6	-280.3	-255.4	-37.9	-82.8	76.7
pH	13.00	6.72	10.22	6.15	7.39	9.11	7.42	8.93	12.33
Specific Conductivity (mS/cm)	13.381	4.725	10.801	4.567	5.201	8.16	1.407	0.804	2.849
Temp (°C)	14.9	16.28	15.32	16.44	16.9	13.8	16.5	16.3	16.05
Dissolved Oxygen (mg/L)	0.29	0.19	0.18	0.36	0.25	0.26	0.29	0.35	11.23
Turbidity (NTU)	9.74	2.56	6.67	50.7	3.36	49.22	4.11	20.62	15.1
Total Organic Carbon (mg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA

Parameter	Sample ID: GEB-28BS	GEB-28BI	GEB-28BD	GEB-29BS	GEB-29BI	GEB-29BD	GEB-30BS	GEB-30BI	GEB-30BD
Date Sampled:	9/28/2023	9/25/2023	9/28/2023	9/29/2023	9/29/2023	9/29/2023	9/29/2023	9/29/2023	9/29/2023
Redox (mV)	17.5	-75.3	85.3	-5.3	6.1	11.7	95.2	110.9	99.1
pH	5.93	7.47	5.94	7.07	7.1	7.46	5.83	5.95	6.17
Specific Conductivity (mS/cm)	2.156	2.821	3.52	2.081	1.979	2.362	2.036	2.022	2.089
Temp (°C)	17.36	14.5	16.58	17.9	16.6	14.2	15.5	15.54	14.08
Dissolved Oxygen (mg/L)	0.24	0.35	0.59	0.32	0.46	0.38	0.28	0.37	4.29
Turbidity (NTU)	4.2	4.06	9.7	5.21	7.41	4.19	4.23	4.35	3.76
Total Organic Carbon (mg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

°C = degree Celsius

mg/L = milligrams per liter

mS/cm = millisiemens per centimeter

mV = millivolts

NA = not analyzed

NTU = Nephelometric Turbidity Units

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID:	AGM-1-OB	AGM-1-OB	AGM-1-OB	AGM-1-OB	AGM-1-OB	AGM-1-OB	AGM-1-OB	AGM1-OB	AGM1-OB						
		Sample Date:	7/29/2010	7/8/2011	7/24/2012	7/8/2013	7/10/2014	7/30/2015	9/30/2016	9/21/2017							
		Dilution Factor:	100	5	40	10	10	20	20	20							
Constituent (µg/L)	(µg/L)																
Volatile Organic Compounds (VOCs)																	
1,1,1-Trichloroethane	5		<u>18000</u>	<u>29000</u>	D	<u>94</u>	10	U	10	U	20	U	20	U	20	U	
1,1-Dichloroethane	5		<u>10000</u>	<u>2300</u>	D	<u>1500</u>	<u>19</u>		10	U	20	U	20	U	20	U	
1,1-Dichloroethene	5		<u>2400</u>	<u>4600</u>	D	<u>140</u>	3.8	J	10	U	20	U	20	U	20	U	
Benzene	1		100	5	U	40	U	10	U	10	U	20	U	20	U	20	U
Chloroethane	5		<u>2900</u>	<u>800</u>	D	<u>2800</u>	<u>850</u>		<u>1100</u>	D	<u>1000</u>		<u>1500</u>	J	<u>2100</u>	D	
cis-1,2-Dichloroethene	5		100	<u>66</u>	U	40	U	10	U	10	U	20	U	20	U	20	U
Ethylbenzene	5		100	5	U	40	U	10	U	10	U	20	U	20	U	20	U
Tetrachloroethene	5		100	<u>52</u>	U	40	U	10	U	10	U	20	U	20	U	20	U
Toluene	5		100	<u>12</u>	U	<u>53</u>	<u>230</u>		<u>19</u>		20	U	20	U	20	U	
Trichloroethene	5		<u>360</u>	<u>510</u>	D	40	U	10	U	10	U	20	U	20	U	20	U
Vinyl chloride	2		<u>420</u>	<u>120</u>		<u>62</u>	10	U	10	U	20	U	20	U	20	U	
Cyanide - Total	200		<u>232</u>	190		26	6.3	J	39		53		63		90		

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-1-OB		AGM-1-OB		AGM-1-OB		AGM-1-OB		AGM-1-OB		AGM-1-OB		AGM-1-OB	
	(µg/L)		9/12/2018		9/11/2019		5/21/2020		10/28/2020		3/25/2021		9/23/2021		3/29/2022	
			40		40		40		40		20		50		50	
Volatile Organic Compounds (VOCs)																
1,1,1-Trichloroethane	5		40	U	40	U		<u>470</u>	40	U		<u>450</u>		<u>280</u>		<u>3800</u>
1,1-Dichloroethane	5		40	U	40	U		<u>1600</u>	40	U		<u>1200</u>		<u>690</u>		<u>2800</u>
1,1-Dichloroethene	5		40	U	40	U		<u>190</u>	40	U		<u>150</u>		<u>55</u>		<u>1200</u>
Benzene	1		40	U	40	U		40	U		20	U		50	U	50
Chloroethane	5		<u>2500</u>	J	<u>3300</u>		<u>3200</u>	D	<u>3500</u>	D		<u>3700</u>	D	<u>2300</u>		<u>3700</u>
cis-1,2-Dichloroethene	5		40	U	40	U		40	U		<u>26</u>		50	U		<u>71</u>
Ethylbenzene	5		40	U	40	U		40	U		20	U		50	U	50
Tetrachloroethene	5		40	U	40	U		40	U		20	U		50	U	50
Toluene	5		40	U	40	U		40	U		20	U		50	U	50
Trichloroethene	5		40	U	40	U		<u>22</u>	J		40	U		<u>14</u>	J	50
Vinyl chloride	2		40	U	40	U		<u>94</u>			40	U		<u>54</u>		50
																<u>170</u>
																<u>73</u>
Cyanide - Total	200		99		54	J		NA		86	J		NA		140	J
																NA
																<u>240</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-1-OB 3/9/2023 50	AGM-1-OB 9/27/2023 50	
Constituent (µg/L)	(µg/L)				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	5		<u>67</u>	50	U
1,1-Dichloroethane	5		<u>930</u>	50	U
1,1-Dichloroethene	5		<u>47</u>	J 50	U
Benzene	1		50	U 50	U
Chloroethane	5		<u>1600</u>	<u>2000</u>	
cis-1,2-Dichloroethene	5		50	U 50	U
Ethylbenzene	5		50	U 50	U
Tetrachloroethene	5		50	U 50	U
Toluene	5		50	U 50	U
Trichloroethene	5		50	U 50	U
Vinyl chloride	2		50	U 50	U
Cyanide - Total	200		NA	79	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	AGM-1-SB		AGM-1-SB		AGM-1-SB		AGM-1-SB		AGM-1-SB		AGM1-SB		AGM1-SB			
		Sample Date:	7/29/2010		7/29/2010		7/8/2011		7/24/2012		7/8/2013		7/10/2014		7/30/2015		9/30/2016	
		Dilution Factor:	4		4		5		8		4		4		4		5	
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		4.0	U	4.0	U	5.0	U	8.0	U	4.0	U	4.0	U	4.0	U	5.0	U
1,1-Dichloroethane	5		<u>330</u>		<u>340</u>		<u>310</u>		<u>630</u>		<u>250</u>		<u>210</u>		<u>280</u>		<u>180</u>	
1,1-Dichloroethene	5		<u>47</u>		<u>46</u>		<u>29</u>		<u>94</u>		<u>40</u>		<u>31</u>		<u>29</u>		<u>18</u>	
Benzene	1		4.0	U	4.0	U	5.0	U	8.0	U	4.0	U	4.0	U	4.0	U	5.0	U
Chloroethane	5		<u>95</u>		<u>130</u>		<u>130</u>		<u>98</u>		<u>33</u>		<u>20</u>		<u>41</u>		<u>27</u>	
cis-1,2-Dichloroethene	5		<u>21</u>		<u>22</u>		<u>16</u>		<u>32</u>		<u>19</u>		<u>15</u>		<u>18</u>		<u>12</u>	
Ethylbenzene	5		4.0	U	4.0	U	5.0	U	8.0	U	4.0	U	4.0	U	4.0	U	5.0	U
Tetrachloroethene	5		4.0	U	4.0	U	5.0	U	8.0	U	4.0	U	4.0	U	4.0	U	5.0	U
Toluene	5		4.0	U	4.0	U	5.0	U	4.9	J	4.0	U	4.0	U	4.0	U	5.0	U
Trichloroethene	5		<u>58</u>		<u>59</u>		<u>41</u>		<u>64</u>		<u>28</u>		<u>16</u>		<u>18</u>		<u>11</u>	
Vinyl chloride	2		<u>24</u>		4.0	U	<u>27</u>		<u>49</u>		<u>22</u>		<u>13</u>		<u>16</u>		<u>8.2</u>	
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-1-SB 9/21/2017 2	AGM-1-SB 9/12/2018 5	AGM-1-SB 9/11/2019 4	AGM-1-SB 5/21/2020 5	AGM-1-SB 10/28/2020 5	AGM-1-SB 3/25/2021 5	AGM-1-SB 9/23/2021 5	AGM-1-SB 3/29/2022 5
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		2.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5		<u>200</u> D	<u>260</u>	<u>240</u>	<u>280</u>	<u>250</u>	<u>220</u>	<u>270</u>	<u>270</u>
1,1-Dichloroethene	5		<u>36</u>	<u>28</u>	<u>18</u>	<u>17</u>	<u>14</u>	<u>10</u>	<u>28</u>	<u>13.0</u>
Benzene	1		2.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5		<u>110</u>	<u>35</u>	<u>61</u>	<u>58</u>	<u>44</u>	<u>64</u>	<u>63</u>	<u>110</u>
cis-1,2-Dichloroethene	5		<u>17</u>	<u>17</u>	<u>12</u>	<u>8.8</u>	<u>8.4</u>	<u>12</u>	<u>24</u>	<u>7.7</u>
Ethylbenzene	5		2.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5		2.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5		2.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5		<u>15</u>	<u>13</u>	<u>7</u>	<u>8.1</u>	<u>7.9</u>	3 J	<u>5.9</u>	<u>7.0</u> J
Vinyl chloride	2		<u>17</u>	<u>12</u>	<u>11</u>	<u>10</u>	<u>10</u>	<u>12</u>	<u>20</u>	<u>13.0</u>
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-1-SB 9/6/2022 5	AGM-1-SB 3/9/2023 5	AGM-1-SB 9/27/2023 5
Constituent (µg/L)	(µg/L)				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	5		5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5		<u>230</u>	<u>200</u>	<u>250</u>
1,1-Dichloroethene	5		<u>15</u>	<u>15</u>	<u>6.3</u>
Benzene	1		5.0 U	5.0 U	5.0 U
Chloroethane	5		<u>68</u>	<u>57</u>	<u>65</u>
cis-1,2-Dichloroethene	5		<u>8.6</u>	<u>9.1</u>	<u>5.4</u>
Ethylbenzene	5		5.0 U	5.0 U	5.0 U
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U
Toluene	5		5.0 U	5.0 U	5.0 U
Trichloroethene	5		<u>8.4</u>	<u>5.1</u>	3.6 J
Vinyl chloride	2		5.0	<u>8.6</u>	<u>6.2</u>
Cyanide - Total	200		NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-2-OB 7/29/2010 10	AGM-2-OB 7/6/2011 5	AGM-2-OB 7/25/2012 5	AGM-2-OB 7/10/2013 5	AGM-2-OB 7/10/2014 1	AGM-2-OB 7/28/2015 1	AGM-2-OB 9/29/2016 4	AGM-2-OB 9/18/2017 4
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	<u>13</u>	<u>5</u>	5.0 U	1.0 U	1.0 U	<u>7.7</u>	3.5 J
1,1-Dichloroethane	5		<u>25</u>	<u>35</u>	<u>20</u>	5.0 U	3.6	2.7	<u>30</u>	<u>12</u>
1,1-Dichloroethene	5		10 U	<u>16</u>	3.1 J	5.0 U	0.73 J	0.59 J	2.5 J	4.0 U
Benzene	1		10 U	5.0 U	5.0 U	5.0 U	<u>1.4</u>	0.96 J	4.0 U	4.0 U
Chloroethane	5		10 U	<u>8</u>	5.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U
cis-1,2-Dichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U
Ethylbenzene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U
Tetrachloroethene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U
Toluene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	4.0 U	4.0 U
Trichloroethene	5		10 U	<u>7.9</u>	2.9 J	5.0 U	0.52 J	0.47 J	4	4.0 U
Vinyl chloride	2		10 U	<u>5.4</u>	5.0 U	5.0 U	1 U	1 U	<u>5.9</u>	4.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-2-OB		AGM-2-OB		AGM-2-OB		AGM-2-OB		AGM-2-OB			
	Groundwater	Sample Date:	9/12/2018		9/11/2019		10/27/2020		9/23/2021		9/1/2022		9/26/2023	
	Quality		4		4		4		4		4		4	
Standards	Dilution Factor:													
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		3.9	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	5		<u>11</u>		<u>7.7</u>		<u>13</u>		3.6	J	<u>5</u>		<u>20</u>	
1,1-Dichloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Benzene	1		4.0	U	4.0	U	<u>1.7</u>	J	4.0	U	4.0	U	4.0	U
Chloroethane	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Toluene	5		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5		2.0	J	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Vinyl chloride	2		4.0	U	4.0	U	4.0	U	4.0	U	4.0	U	4.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-2-SB 7/29/2010 5	AGM-2-SB 7/6/2011 5	AGM-2-SB 7/25/2012 5	AGM-2-SB 7/10/2013 1	AGM-2-SB 7/10/2014 1	AGM-2-SB 7/28/2015 1	AGM-2-SB 9/29/2016 1	AGM-2-SB 9/18/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		4.5	4.7	3 J	2.9	6.9	12	5.9	11
1,1-Dichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		0.71 J	5.0 U	5.0 U	2.9	6.5	1.0 U	1.0 U	0.42 J
Chloroethane	5		25	30	15	21	18	14	15	9.8
cis-1,2-Dichloroethene	5		0.91 J	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.2	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	0.96 J	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-2-SB 9/12/2018 1	AGM-2-SB 9/12/2019 1	AGM-2-SB 10/27/2020 1	AGM-2-SB 9/23/2021 1	AGM-2-SB 9/2/2022 1	AGM-2-SB 9/26/2023 1
Constituent (µg/L)	(µg/L)							
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		<u>6.8</u>	<u>6.3</u>	<u>6.2</u>	4.0	3.9	3.7
1,1-Dichloroethene	5		1.0 U	1.0 U	0.35 J	1.0 U	1.0 U	1.0 U
Benzene	1		0.52 J	1.0 U	0.51 J	1.0 U	1.0 U	1.0 U
Chloroethane	5		<u>6.6</u> J	<u>6.5</u>	4.5	4.2	<u>5.2</u>	4.4
cis-1,2-Dichloroethene	5		0.81 J	1.0 U	1.5	1.3	1.6	1.1
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.3	1.1	<u>2.2</u>	<u>2.1</u>
Cyanide - Total	200		NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-3-OB 7/28/2010 20	AGM-3-OB 7/7/2011 5	AGM-3-OB 7/24/2012 5	AGM-3-OB 7/10/2013 5	AGM-3-OB 7/10/2013 20	AGM-3-OB 7/8/2014 5	AGM-3-OB 7/28/2015 10	AGM-3-OB 9/29/2016 2
Constituent (µg/L)	(µg/L)						DUP			
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		20 U	<u>5.5</u>	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
1,1-Dichloroethane	5		<u>6.7</u> J	<u>67</u>	<u>30</u>	<u>1500</u> D	<u>1700</u>	<u>1100</u> D	<u>650</u>	<u>120</u>
1,1-Dichloroethene	5		20 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
Benzene	1		20 U	5.0 U	5.0 U	<u>2.2</u> J	20 U	5.0 U	10 U	2.0 U
Chloroethane	5		<u>120</u>	<u>220</u>	<u>76</u>	<u>110</u>	<u>110</u>	<u>46</u>	<u>37</u>	<u>47</u>
cis-1,2-Dichloroethene	5		20 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
Ethylbenzene	5		20 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
Tetrachloroethene	5		20 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
Toluene	5		20 U	5.0 U	5.0 U	<u>12</u>	<u>12</u> J	4.1 J	10 U	2.0 U
Trichloroethene	5		20 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	10 U	2.0 U
Vinyl chloride	2		20 U	5.0 U	5.0 U	<u>68</u>	<u>69</u>	<u>41</u>	<u>27</u>	2.0 U
Cyanide - Total	200		36.8	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-3-OB		AGM-3-OB		AGM-3-OB		AGM-3-OB		AGM-3-OB		AGM-3-OB		AGM-3-OB		
	Groundwater	Sample Date:	9/19/2017		9/19/2017		9/12/2018		9/9/2019		5/21/2020		10/28/2020		3/25/2021		
	Quality Standards	Dilution Factor:	10		4		5		5		5		4		5		
	(µg/L)		DUP														
Volatile Organic Compounds (VOCs)																	
1,1,1-Trichloroethane	5		10	U	4.0	U	5.0	U	5.0	U	<u>21</u>		4.0	U	5.0	U	2.0
1,1-Dichloroethane	5		<u>280</u>		<u>300</u>		<u>270</u>		<u>130</u>		<u>48</u>		<u>62</u>		3.7	J	<u>20</u>
1,1-Dichloroethene	5		10	U	4.0	U	5.0	U	5.0	U	2.8	J	4.0	U	5.0	U	2.0
Benzene	1		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4	U	5.0	U	2.0
Chloroethane	5		10	U	<u>8.2</u>		<u>8.9</u>	J	<u>11</u>		<u>5.2</u>		2.1	J	2.9	J	2.0
cis-1,2-Dichloroethene	5		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	1.6
Ethylbenzene	5		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	2.0
Tetrachloroethene	5		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	2.0
Toluene	5		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	2.0
Trichloroethene	5		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	2.0
Vinyl chloride	2		10	U	4.0	U	5.0	U	5.0	U	5.0	U	4.0	U	5.0	U	<u>2.6</u>
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-3-OB 3/29/2022 2	AGM-3-OB 9/1/2022 2	AGM-3-OB 3/9/2023 5	AGM-3-OB 9/25/2023 2
Constituent (µg/L)	(µg/L)					
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	5		2.0 U	2.0 U	5.0 U	2.0 U
1,1-Dichloroethane	5		<u>5.0</u>	<u>25</u>	<u>7.6</u>	<u>28</u>
1,1-Dichloroethene	5		2.0 U	1.3 J	5.0 U	1.3 J
Benzene	1		2.0 U	2.0 U	5.0 U	2.0 U
Chloroethane	5		<u>9.2</u>	<u>11</u>	<u>5.9</u>	<u>12</u>
cis-1,2-Dichloroethene	5		2.0 U	1.7 J	5.0 U	2.4
Ethylbenzene	5		2.0 U	2.0 U	5.0 U	2.0 U
Tetrachloroethene	5		2.0 U	2.0 U	5.0 U	2.0 U
Toluene	5		2.0 U	2.0 U	5.0 U	2.0 U
Trichloroethene	5		2.0 U	2.0 U	5.0 U	2.0 U
Vinyl chloride	2		2.0 U	<u>5.2</u>	5.0 U	<u>5.2</u>
Cyanide - Total	200		NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID:	AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB			
		Sample Date:	7/28/2010		7/7/2011		7/24/2012		7/24/2012		7/12/2013		7/8/2014		7/28/2015		9/27/2016	
		Dilution Factor:	20		10		40		40		20		4		40		40	
Constituent (µg/L)		(µg/L)	DUP															
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		20	U	10	U	40	U	40	U	20	U	4.0	U	40	U	40	U
1,1-Dichloroethane	5		<u>230</u>		<u>2500</u>	D	<u>2700</u>		<u>2300</u>		<u>1900</u>		<u>2300</u>	D	<u>2,700</u>		<u>1700</u>	
1,1-Dichloroethene	5		20	U	<u>31</u>		<u>45</u>	J	<u>37</u>		<u>21</u>		<u>24</u>		<u>19</u>	J	40	U
Benzene	1		20	U	10	U	40	U	40	U	20	U	<u>1.8</u>	J	40	U	40	U
Chloroethane	5		<u>410</u>		<u>220</u>		<u>32</u>	J	40	U	<u>61</u>		<u>61</u>		<u>46</u>		<u>81</u>	
cis-1,2-Dichloroethene	5		20	U	<u>78</u>		<u>84</u>		<u>79</u>		<u>60</u>		<u>69</u>		<u>72</u>		40	U
Ethylbenzene	5		20	U	10	U	40	U	40	U	20	U	4.0	U	40	U	40	U
Tetrachloroethene	5		20	U	10	U	40	U	40	U	20	U	4.0	U	40	U	40	U
Toluene	5		<u>92</u>		<u>27</u>		40	U	40	U	20	U	2.8	J	40	U	40	U
Trichloroethene	5		20	U	<u>210</u>		<u>300</u>		<u>310</u>		<u>150</u>		<u>100</u>		<u>41</u>		40	U
Vinyl chloride	2		20	U	<u>200</u>		<u>290</u>		<u>220</u>		<u>190</u>		<u>130</u>		<u>140</u>		40	U
Cyanide - Total	200		<u>551</u>	D	<u>1300</u>		<u>610</u>		<u>580</u>		<u>630</u>		<u>750</u>		<u>580</u>		<u>980</u>	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB		AGM-3-SB	
			9/27/2016		9/19/2017		9/12/2018		9/9/2019		5/21/2020		10/27/2020		3/24/2021		9/24/2021	
			25		40		40		40		40		40		40		40	
			DUP															
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
1,1-Dichloroethane	5		1700		1800		1700		1600	J	1600		1700		1400		1000	
1,1-Dichloroethene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Benzene	1		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Chloroethane	5		89		40		40	U	74	J	100		290		150		180	
cis-1,2-Dichloroethene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Ethylbenzene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Tetrachloroethene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Toluene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Trichloroethene	5		25	U	40	U	40	U	40	UJ	40	U	40	U	40	U	40	U
Vinyl chloride	2		25	U	40	U	40	U	40	UJ	57		40	U	40	U	40	U
Cyanide - Total	200		NA		580		640		1100	J	NA		700		NA		820	J

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-3-SB 3/30/2022 40	AGM-3-SB 8/31/2022 40	AGM-3-SB 3/8/2023 40	AGM-3-SB 9/26/2023 40
Constituent (µg/L)	(µg/L)					
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	5		40 U	40 U	40 U	40 U
1,1-Dichloroethane	5		<u>1000</u>	<u>1100</u>	<u>700</u>	<u>710</u>
1,1-Dichloroethene	5		40 U	40 U	40 U	40 U
Benzene	1		40 U	40 U	40 U	40 U
Chloroethane	5		<u>210</u>	<u>200</u>	<u>180</u>	<u>170</u>
cis-1,2-Dichloroethene	5		40 U	40 U	40 U	40 U
Ethylbenzene	5		40 U	40 U	40 U	40 U
Tetrachloroethene	5		40 U	40 U	40 U	40 U
Toluene	5		40 U	40 U	40 U	40 U
Trichloroethene	5		40 U	40 U	40 U	40 U
Vinyl chloride	2		40 U	40 U	40 U	40 U
Cyanide - Total	200		NA	180	NA	<u>560</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-3-IB 7/28/2010 5	AGM-3-IB 7/7/2011 5	AGM-3-IB 7/24/2012 5	AGM-3-IB 7/10/2013 1	AGM-3-IB 7/8/2014 1	AGM-3-IB 7/28/2015 1	AGM-3-IB 9/28/2016 1	AGM-3-IB 9/19/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		5.0 U	4.4 J	5.0 U	1.0	1.0	0.96 J	0.54 J	1.0 U
1,1-Dichloroethene	5		2.6 J	5.0 U	5.0 U	0.33 J	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		<u>16</u>	<u>13</u>	5.0 U	2.9	1.3	1.2	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-3-IB		AGM-3-IB		AGM-3-IB		AGM-3-IB		AGM-3-IB			
	Groundwater	Sample Date:	9/12/2018		9/9/2019		10/27/2020		9/24/2021		9/1/2022		9/26/2023	
	Quality	Dilution Factor:	1		1		1		2		2		2	
Standards	(µg/L)													
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		2.8		2.4		3.1		1.7	J	1.9	J	2.6	
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-4-OB 7/28/2010 5	AGM-4-OB 7/7/2011 5	AGM-4-OB 7/23/2012 5	AGM-4-OB 7/11/2013 1	AGM-4-OB 7/9/2014 1	AGM4-OB 7/30/2015 1	AGM4-OB 9/27/2016 1	AGM-4-OB 9/20/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.2	5.0 U	5.0 U	1.0 U	0.5 J	1.0 U	0.71 J	1.0 U
1,1-Dichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		146	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-4-OB 9/11/2018 1	AGM-4-OB 9/10/2019 1	AGM-4-OB 10/27/2020 1	AGM-4-OB 9/23/2021 1	AGM-4-OB 9/2/2022 1	AGM-4-OB 9/25/2023 1	AGM-4-OB 9/25/2023 1
Constituent (µg/L)	(µg/L)								DUP
Volatile Organic Compounds (VOCs)									
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.69 J	0.89 J	0.61 J	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-4-SB 7/28/2010 10	AGM-4-SB 7/7/2011 5	AGM-4-SB 7/23/2012 5	AGM-4-SB 7/11/2013 5	AGM-4-SB 7/9/2014 5	AGM4-SB 7/30/2015 5	AGM4-SB 9/27/2016 1	AGM-4-SB 9/20/2017 4
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
1,1-Dichloroethane	5		10 U	<u>5.6</u>	5.0 U	5.0 U	3.2 J	<u>6</u>	<u>8.8</u>	<u>5.4</u>
1,1-Dichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Benzene	1		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Chloroethane	5		<u>15</u>	<u>19</u>	5.0 U	5.0 U	5.0 U	5.0 U	2.4	4.0 U
cis-1,2-Dichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Ethylbenzene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Tetrachloroethene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Toluene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Trichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U
Vinyl chloride	2		10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.3	4.0 U
Cyanide - Total	200		<u>247</u>	<u>370</u>	80	80	140	<u>290</u>	<u>410</u>	<u>540</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-4-SB		AGM-4-SB		AGM-4-SB		AGM-4-SB		AGM-4-SB		AGM-4-SB		AGM-4-SB	
	Groundwater	Sample Date:	9/11/2018	9/10/2019	9/10/2019	10/27/2020	9/23/2021	9/1/2022	9/26/2023							
	Quality Standards	Dilution Factor:	4	4	4	4	1	2	2							
			DUP													
Volatile Organic Compounds (VOCs)																
1,1,1-Trichloroethane	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>11</u>		<u>15</u>		<u>15</u>		<u>11</u>		<u>36</u>	J	<u>25</u>	J	<u>12</u>	
1,1-Dichloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Benzene	1		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Chloroethane	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	J	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.1	U	2.0	U	2.0	U
Ethylbenzene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Tetrachloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Toluene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Trichloroethene	5		4.0	U	4.0	U	4.0	U	4.0	U	1.0	U	2.0	U	2.0	U
Vinyl chloride	2		4.0	U	4.0	U	4.0	U	4.0	U	<u>4.8</u>	J	<u>3.9</u>		2.0	U
Cyanide - Total	200		<u>410</u>		<u>360</u>		<u>380</u>		<u>520</u>	J	<u>2000</u>	J	<u>1100</u>		<u>630</u>	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-5-OB 7/27/2010 10	AGM-5-OB 7/6/2011 5	AGM-5-OB 7/25/2012 5	AGM-5-OB 7/9/2013 5	AGM-5-OB 7/8/2014 1	AGM-5-OB 7/29/2015 4	AGM-5-OB 9/30/2016 5	AGM-5-OB 9/21/2017 4
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
1,1-Dichloroethane	5		<u>31</u>	<u>36</u>	<u>5.1</u>	<u>22</u>	<u>11</u>	<u>5.4</u>	2 J	<u>7.5</u>
1,1-Dichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Benzene	1		10 U	5.0 U	5.0 U	5.0 U	<u>2.6</u>	4.0 U	5.0 U	4.0 U
Chloroethane	5		<u>79</u>	<u>83</u>	<u>50</u>	<u>34</u>	<u>10</u>	4.0 U	5.0 U	4.0 U
cis-1,2-Dichloroethene	5		10 U	<u>16</u>	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Ethylbenzene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Tetrachloroethene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Toluene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Trichloroethene	5		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Vinyl chloride	2		10 U	5.0 U	5.0 U	5.0 U	1.0 U	4.0 U	5.0 U	4.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-5-OB		AGM-5-OB		AGM-5-OB		AGM-5-OB		AGM-5-OB		AGM-5-OB	
	Groundwater	Sample Date:	9/14/2018		9/12/2019		10/28/2020		9/21/2021		8/31/2022		9/22/2023	
	Quality		5		5		2		4		4		4	
Standards		Dilution Factor:												
(µg/L)														
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	5		<u>11</u>		<u>11</u>		2.9		<u>5.9</u>		3.6	J	2.3	J
1,1-Dichloroethene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Benzene	1		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Chloroethane	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Ethylbenzene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Toluene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Vinyl chloride	2		5.0	U	5.0	U	2.0	U	4.0	U	4.0	U	4.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-5-SB 7/27/2010 5	AGM-5-SB 7/6/2011 5	AGM-5-SB 7/25/2012 5	AGM-5-SB 7/9/2013 5	AGM-5-SB 7/8/2014 4	AGM-5-SB 7/8/2014 1 DUP	AGM5-SB 7/29/2015 2	AGM5-SB 9/30/2016 5	
Constituent (µg/L)	(µg/L)										
Volatile Organic Compounds (VOCs)											
1,1,1-Trichloroethane	5		<u>73</u>	<u>67</u>	<u>29</u>	<u>41</u>	<u>27</u>	<u>27</u>	<u>14</u>	5.0	U
1,1-Dichloroethane	5		<u>200</u>	<u>230</u>	<u>170</u>	<u>160</u>	<u>160</u>	<u>160</u> D	<u>110</u>	<u>95</u>	
1,1-Dichloroethene	5		<u>40</u>	<u>69</u>	<u>11</u>	<u>48</u>	<u>26</u>	<u>26</u>	<u>9.3</u>	5.0	U
Benzene	1		<u>5.8</u>	5.0 U	5.0 U	5.0 U	4.0 U	<u>1.2</u>	2.0 U	5.0 U	
Chloroethane	5		<u>17</u>	<u>28</u>	<u>31</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>8.2</u>	5.0 U	
cis-1,2-Dichloroethene	5		<u>14</u>	<u>9</u>	<u>6.4</u>	<u>11</u>	<u>9.2</u>	<u>9.1</u>	4.8	4.1 J	
Ethylbenzene	5		5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	1.0 U	2.0 U	5.0 U	
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	1.0 U	2.0 U	5.0 U	
Toluene	5		5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	1.0 U	2.0 U	5.0 U	
Trichloroethene	5		<u>32</u>	<u>32</u>	<u>6.1</u>	<u>22</u>	<u>12</u>	<u>12</u>	3.5	5.0 U	
Vinyl chloride	2		<u>57</u>	<u>57</u>	<u>22</u>	<u>30</u>	<u>23</u>	<u>21</u>	<u>15</u>	<u>16</u>	
Cyanide - Total	200		NA	NA	NA	70	58	63	65	110	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	AGM-5-SB		AGM-5-SB		AGM-5-SB		AGM-5-SB		AGM-5-SB		AGM-5-SB		AGM-5-SB		AGM-5-SB	
			9/21/2017		9/14/2018		9/12/2019		5/20/2020		10/29/2020		3/25/2021		9/22/2021		3/30/2022	
			5		2		2		5		2		5		2		2	
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		4.5	J	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>110</u>		<u>100</u>		<u>75</u>		<u>59</u>		<u>64</u>		<u>27</u>		<u>16</u>		<u>27</u>	
1,1-Dichloroethene	5		5.0	U	1.7	J	1.6	J	5.0	U	2.0	U	5.0	U	2.0	U	1.4	J
Benzene	1		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
Chloroethane	5		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	4.9		2.0	U
cis-1,2-Dichloroethene	5		5.0	U	4.7		3.9		5.0	U	3.0		5.0	U	2.0	U	2.0	U
Ethylbenzene	5		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
Tetrachloroethene	5		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
Toluene	5		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
Trichloroethene	5		5.0	U	2.0	U	2.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U
Vinyl chloride	2		<u>10</u>		<u>17</u>		<u>8.6</u>		5.0	U	<u>5.9</u>		5.0	U	<u>3.0</u>		1.9	J
Cyanide - Total	200		92		89		130	J	NA		94	J	NA		75		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-5-SB 8/31/2022 2	AGM-5-SB 3/9/2023 5	AGM-5-SB 9/22/2023 5
Constituent (µg/L)	(µg/L)				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	5		2.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5		<u>30</u>	<u>3.5</u> J	<u>20</u>
1,1-Dichloroethene	5		2.0 U	5.0 U	5.0 U
Benzene	1		2.0 U	5.0 U	5.0 U
Chloroethane	5		<u>10</u>	5.0 U	<u>15</u>
cis-1,2-Dichloroethene	5		2.3	5.0 U	5.0 U
Ethylbenzene	5		2.0 U	5.0 U	5.0 U
Tetrachloroethene	5		2.0 U	5.0 U	5.0 U
Toluene	5		2.0 U	5.0 U	5.0 U
Trichloroethene	5		2.0 U	5.0 U	5.0 U
Vinyl chloride	2		<u>7.9</u>	5.0 U	<u>6.7</u>
Cyanide - Total	200		71	71	110

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-6-IB 7/28/2010 1	AGM-6-SB 7/28/2010 5	AGM-6-SB 7/7/2011 5	AGM-6-SB 7/24/2012 5	AGM-6-SB 7/10/2013 5	AGM-6-SB 7/9/2014 5	AGM-6-SB 7/9/2014 5	AGM-6-SB 7/27/2015 2
Constituent (µg/L)	(µg/L)								DUP	
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
1,1-Dichloroethane	5		<u>22</u>	<u>16</u>	<u>9.7</u>	<u>15</u>	<u>31</u>	<u>36</u>	<u>35</u>	<u>75</u>
1,1-Dichloroethene	5		1.0 U	4.4 J	2.3 J	4 J	<u>12</u>	<u>12</u>	<u>12</u>	<u>16</u>
Benzene	1		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
Chloroethane	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
cis-1,2-Dichloroethene	5		1.0 U	<u>13</u>	<u>9</u>	<u>15</u>	<u>27</u>	<u>25</u>	<u>25</u>	<u>39</u>
Ethylbenzene	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
Tetrachloroethene	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
Toluene	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U
Trichloroethene	5		1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.1
Vinyl chloride	2		<u>15</u>	<u>14</u>	<u>7.5</u>	<u>14</u>	<u>19</u>	<u>17</u>	<u>17</u>	<u>27</u>
Cyanide - Total	200		NA	<u>322</u>	<u>220</u>	<u>300</u>	<u>290</u>	<u>270</u>	NA	<u>390</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	AGM-6-SB		AGM-6-SB		AGM-6-SB		AGM-6-SB		AGM-6-SB		AGM-6-SB		AGM-6-SB		AGM-6-SB	
			9/28/2016		9/19/2017		9/19/2017		9/11/2018		9/9/2019		5/20/2020		10/27/2020		3/24/2021	
			1		2		1		2		2		2		2		2	
DUP																		
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>28</u>		<u>38</u>		<u>40</u>		<u>20</u>		<u>15</u>		<u>16</u>		<u>16</u>		<u>27</u>	
1,1-Dichloroethene	5		<u>6.3</u>		<u>5.4</u>		<u>5.1</u>		3.3		2.1		2.2		1.1	J	2.2	
Benzene	1		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		<u>29</u>		<u>17</u>		<u>18</u>		<u>17</u>		<u>13</u>		<u>7.7</u>		<u>8.1</u>		<u>10</u>	
Ethylbenzene	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	2.0	U	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		<u>23</u>		<u>18</u>		<u>20</u>		<u>20</u>		<u>16</u>		<u>9</u>		<u>9.7</u>		<u>14</u>	
Cyanide - Total	200		<u>420</u>		<u>260</u>		NA		<u>280</u>		<u>230</u>	J	NA		<u>200</u>	J	NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-6-SB 9/22/2021 2	AGM-6-SB 3/30/2022 2	AGM-6-SB 8/30/2022 2	AGM-6-SB 3/8/2023 1	AGM-6-SB 9/26/2023 2
Constituent (µg/L)	(µg/L)						
Volatile Organic Compounds (VOCs)							
1,1,1-Trichloroethane	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
1,1-Dichloroethane	5		<u>12</u>	<u>8.5</u>	<u>9</u>	<u>18</u>	<u>7.7</u>
1,1-Dichloroethene	5		2.0	2.0 U	2.0 U	<u>1.0</u>	2.0 U
Benzene	1		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
Chloroethane	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	5		<u>8.4</u>	<u>6.7</u>	<u>5.6</u>	<u>9.9</u>	<u>6.1</u>
Ethylbenzene	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
Tetrachloroethene	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
Toluene	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
Trichloroethene	5		2.0 U	2.0 U	2.0 U	1.0 U	2.0 U
Vinyl chloride	2		<u>11</u>	<u>8.3</u>	<u>7.2</u>	<u>14</u>	<u>6.7</u>
Cyanide - Total	200		<u>240</u>	NA	<u>280</u>	NA	<u>320</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-7-OB 7/29/2010 1	AGM-7-OB 7/8/2011 1	AGM-7-OB 7/25/2012 1	AGM-7-OB 7/8/2013 1	AGM-7-OB 7/7/2014 1	AGM-7-OB 7/27/2015 1	AGM-7-OB 9/29/2016 1	AGM-7-OB 9/19/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		2.7	5.6	12	13	3.5	22	8.1	12
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		9.7	19	39	4.1	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		164	210	990	140	93	150	370	170 J

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-7-OB		AGM-7-OB		AGM-7-OB		AGM-7-OB		AGM-7-OB		AGM-7-OB		AGM-7-OB		AGM-7-OB	
	Groundwater	Sample Date:	9/13/2018		9/11/2019		5/20/2020		10/29/2020		10/29/2020		3/25/2021		9/24/2021		3/29/2022	
	Quality																	
	Standards	Dilution Factor:	1		1		1		1		1		4		1		1	
(µg/L)		DUP																
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
1,1-Dichloroethane	5	2		2.3		2.6		2.3		2		15		1.5		3.3	J	
1,1-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Benzene	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Chloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	U	
cis-1,2-Dichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Ethylbenzene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Tetrachloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Toluene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Trichloroethene	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Vinyl chloride	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	4.0	U	1.0	U	1.0	UJ	
Cyanide - Total	200	120		93	J	NA		100	J	95	J	NA		74	J	NA		

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-7-OB 9/2/2022 1	AGM-7-OB 3/8/2023 4	AGM-7-OB 9/27/2023 4
Constituent (µg/L)	(µg/L)				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	5		1.0 U	4.0 U	4.0 U
1,1-Dichloroethane	5		0.54 J	4.0 U	4.3 U
1,1-Dichloroethene	5		1.0 U	4.0 U	4.0 U
Benzene	1		1.0 U	4.0 U	4.0 U
Chloroethane	5		1.0 U	4.0 U	4.0 U
cis-1,2-Dichloroethene	5		1.0 U	4.0 U	4.0 U
Ethylbenzene	5		1.0 U	4.0 U	4.0 U
Tetrachloroethene	5		1.0 U	4.0 U	4.0 U
Toluene	5		1.0 U	4.0 U	4.0 U
Trichloroethene	5		1.0 U	4.0 U	4.0 U
Vinyl chloride	2		1.0 U	4.0 U	4.0 U
Cyanide - Total	200		76	NA	130

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-7-SB 7/29/2010 10	AGM-7-SB 7/8/2011 20	AGM-7-SB 7/25/2012 10	AGM-7-SB 7/8/2013 5	AGM-7-SB 7/8/2014 4	AGM-7-SB 7/27/2015 4	AGM-7-SB 9/29/2016 5	AGM-7-SB 9/29/2016 5 DUP
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		<u>360</u>	<u>730</u>	D	<u>230</u>	<u>71</u>	<u>58</u>	<u>70</u>	<u>69</u>
1,1-Dichloroethane	5		<u>290</u>	<u>260</u>		<u>320</u>	<u>140</u>	<u>150</u>	<u>130</u>	<u>250</u>
1,1-Dichloroethene	5		<u>48</u>	<u>120</u>		<u>48</u>	<u>9.1</u>	<u>8.2</u>	<u>6.9</u>	<u>11</u>
Benzene	1	U	10	20	U	10	U	4.0	U	5.0
Chloroethane	5		<u>23</u>	<u>20</u>		<u>22</u>	<u>21</u>	<u>33</u>	<u>37</u>	<u>89</u>
cis-1,2-Dichloroethene	5		<u>7.4</u>	<u>13</u>	10	U	5.0	U	4.0	U
Ethylbenzene	5	U	10	20	U	10	U	4.0	U	5.0
Tetrachloroethene	5		3.4	20	U	10	U	4.0	U	5.0
Toluene	5	U	10	20	U	10	U	4.0	U	5.0
Trichloroethene	5		<u>18</u>	<u>23</u>		<u>11</u>	2.8	J	3.0	J
Vinyl chloride	2		<u>17</u>	<u>21</u>		<u>17</u>	<u>8</u>	<u>7.4</u>	<u>6.4</u>	<u>10</u>
Cyanide - Total	200		<u>15100</u>	D	<u>8100</u>	<u>6400</u>	<u>4500</u>	<u>4200</u>	<u>3300</u>	<u>7900</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB	AGM-7-SB
	Groundwater	Sample Date:	9/18/2017	9/18/2017	9/13/2018	9/11/2019	5/20/2020	10/29/2020	3/24/2021	9/27/2021			
	Quality												
	Standards	Dilution Factor:	5	20	5	5	5	5	5	5	5		
(µg/L)			DUP										
Volatile Organic Compounds (VOCs)													
1,1,1-Trichloroethane	5		48	NA	54	34	84	21	37	13			
1,1-Dichloroethane	5		120	NA	190	150	140	120	120	110			
1,1-Dichloroethene	5		1.5	J	NA	4.2	J	5.0	U	5.0	U	5.0	U
Benzene	1		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5		46	NA	71	71	82	55	68	99			
cis-1,2-Dichloroethene	5		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Toluene	5		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Trichloroethene	5		5.0	U	NA	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	2		6.9	NA	7.3	U	5.0	U	5.2	5.0	U	5.0	U
Cyanide - Total	200		2900	4300	8000	5900	J	NA	3600	J	NA	100	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-7-SB 3/29/2022 5	AGM-7-SB 9/2/2022 5	AGM-7-SB 3/8/2023 1	AGM-7-SB 9/27/2023 1
Constituent (µg/L)	(µg/L)					
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	5		<u>31</u>	5.0 U	3.1	1.0 U
1,1-Dichloroethane	5		<u>120</u>	<u>71</u>	<u>66</u>	<u>16</u>
1,1-Dichloroethene	5		<u>3.1</u> J	5.0 U	0.73 J	1.0 U
Benzene	1		5.0 U	5.0 U	1.0 U	1.0 U
Chloroethane	5		<u>98</u>	<u>80</u>	<u>53</u>	<u>47</u>
cis-1,2-Dichloroethene	5		5.0 U	5.0 U	0.88 J	1.0 U
Ethylbenzene	5		5.0 U	5.0 U	1.0 U	1.0 U
Tetrachloroethene	5		5.0 U	5.0 U	1.0 U	1.0 U
Toluene	5		5.0 U	5.0 U	1.0 U	1.0 U
Trichloroethene	5		5.0 U	5.0 U	1.0 U	1.0 U
Vinyl chloride	2		4.5 J	5.0 U	1.8	1.1
Cyanide - Total	200		NA	<u>6700</u>	NA	<u>380</u>

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-8-OB 7/29/2010 10	AGM-8-OB 7/8/2011 5	AGM-8-OB 7/24/2012 10	AGM-8-OB 7/10/2013 2	AGM-8-OB 7/11/2014 2	AGM-8-OB 7/29/2015 1	AGM-8-OB 9/29/2016 1	AGM-8-OB 9/21/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		<u>18</u>	<u>60</u>	<u>57</u>	2.4	<u>12</u>	<u>7.9</u>	<u>63</u>	1.0 U
1,1-Dichloroethene	5		10 U	4.7 J	10 U	2.0 U	2.2	0.5 J	<u>14</u>	1.0 U
Benzene	1		10 U	5.0 U	10 U	2.0 U	<u>1.5</u> J	1.0 U	0.58 J	1.0 U
Chloroethane	5		<u>13</u>	<u>19</u>	<u>16</u>	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	4.4	1.0 U
Ethylbenzene	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		10 U	5.0 U	10 U	2.0 U	2.0 U	1.0 U	4.6	1.0 U
Vinyl chloride	2		<u>8</u>	<u>9.5</u>	10 U	2.0 U	2.0 U	1.9	<u>16</u>	1.0 U
Cyanide - Total	200		85.5	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	AGM-8-OB		AGM-8-OB		AGM-8-OB		AGM-8-OB		AGM-8-OB		AGM-8-OB		AGM-8-OB		AGM-8-OB	
			9/12/2018		9/11/2019		5/20/2020		10/28/2020		3/24/2021		9/23/2021		3/30/2022		9/2/2022	
			2		2		1		1		1		1		1		1	
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5		<u>12</u>		<u>27</u>		1.8		<u>5.6</u>		<u>24</u>		<u>34</u>		4.8		<u>25</u>	
1,1-Dichloroethene	5		2.0	U	4.8		1.0	U	0.9	J	3.1		1.7		1.0	U	1.7	
Benzene	1		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	0.64	J	1.0	U	0.64	J
Chloroethane	5		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5		2.0	U	1.6	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5		2.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5		2.0	U	2.0	U	1.0	U	1.0	U	1.5		1.3		1.0	U	0.91	J
Vinyl chloride	2		2.0	U	<u>6.6</u>		1.0	U	1.9		<u>2.1</u>		<u>3.1</u>		1.1		<u>6</u>	
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-8-OB 3/9/2023 2	AGM-8-OB 9/26/2023 2
Constituent (µg/L)	(µg/L)			
Volatile Organic Compounds (VOCs)				
1,1,1-Trichloroethane	5		2.0 U	2.0 U
1,1-Dichloroethane	5		<u>23</u>	<u>22</u>
1,1-Dichloroethene	5		2.0 U	2.0 U
Benzene	1		2.0 U	2.0 U
Chloroethane	5		1.9 J	2.0 U
cis-1,2-Dichloroethene	5		2.0 U	2.0 U
Ethylbenzene	5		2.0 U	2.0 U
Tetrachloroethene	5		2.0 U	2.0 U
Toluene	5		2.0 U	2.0 U
Trichloroethene	5		2.0 U	2.0 U
Vinyl chloride	2		2.0 U	2.0 U
Cyanide - Total	200		NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-8-SB 7/28/2010 4	AGM-8-SB 7/6/2011 5	AGM-8-SB 7/24/2012 4	AGM-8-SB 7/10/2013 1	AGM-8-SB 7/11/2014 2	AGM-8-SB 7/29/2015 1	AGM-8-SB 9/29/2016 10	AGM-8-SB 9/21/2017 10
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		4.0 U	5.0 U	4.0 U	1.0 U	2.0 U	1.0 U	10 U	10 UJ
1,1-Dichloroethane	5		<u>310</u>	<u>150</u>	4.0 U	1.0 U	2.0 U	<u>430</u> D	<u>320</u>	<u>350</u> J
1,1-Dichloroethene	5		<u>93</u>	<u>24</u>	4.0 U	1.0 U	2.0 U	<u>92</u>	<u>12</u>	<u>6.6</u> J
Benzene	1		4.0 U	5.0 U	4.0 U	1.0 U	2.0 U	0.7 J	10 U	10 UJ
Chloroethane	5		<u>16</u>	4.1 J	4.0 U	1.0 U	2.0 U	<u>8.7</u>	<u>29</u>	<u>34</u> J
cis-1,2-Dichloroethene	5		<u>100</u>	<u>27</u>	4.0 U	1.0 U	2.0 U	<u>180</u> D	<u>81</u>	<u>81</u> J
Ethylbenzene	5		4.0 U	5.0 U	4.0 U	1.0 U	2.0 U	1.0 U	10 U	10 UJ
Tetrachloroethene	5		4.0 U	5.0 U	4.0 U	1.0 U	2.0 U	1.0 U	10 U	10 UJ
Toluene	5		4.0 U	5.0 U	4.0 U	1.0 U	2.0 U	1.0 U	10 U	10 UJ
Trichloroethene	5		<u>76</u>	<u>43</u>	4.0 U	1.0 U	2.0 U	<u>39</u>	10 U	10 UJ
Vinyl chloride	2		<u>31</u>	<u>31</u>	4.0 U	1.0 U	2.0 U	<u>51</u>	<u>93</u>	<u>180</u> J
Cyanide - Total	200		42.2	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	AGM-8-SB		AGM-8-SB		AGM-8-SB		AGM-8-SB		AGM-8-SB		AGM-8-SB		AGM-8-SB		AGM-8-SB	
	Groundwater	Sample Date:	9/12/2018		9/11/2019		5/20/2020		10/28/2020		3/24/2021		9/23/2021		3/30/2022		9/6/2022	
	Quality Standards		Dilution Factor:	10	10	10	10	10	10	4	4	4	4	4	4	4		
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		10	U	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	5		430		260		340		320		200		160		250		240	
1,1-Dichloroethene	5		29		6.9	J	5.3	J	8.1	J	5.1	J	4.0	U	8.7		4.0	U
Benzene	1		10	U	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
Chloroethane	5		8.3	J	19		18		25		13		74		74		77	
cis-1,2-Dichloroethene	5		93		55		41		59		27		4.0	U	71		62	
Ethylbenzene	5		10	U	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
Tetrachloroethene	5		10	U	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
Toluene	5		10	U	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
Trichloroethene	5		6.8	J	10	U	10	U	10	U	10	U	4.0	U	4.0	U	4.0	U
Vinyl chloride	2		100		110		69		72		32		5.1		100		130	
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	AGM-8-SB 3/9/2023 10	AGM-8-SB 9/26/2023 4
Constituent (µg/L)	(µg/L)			
Volatile Organic Compounds (VOCs)				
1,1,1-Trichloroethane	5		10 U	4.0 U
1,1-Dichloroethane	5		<u>110</u>	<u>140</u>
1,1-Dichloroethene	5		10 U	3.9 J
Benzene	1		10 U	4.0 U
Chloroethane	5		<u>40</u>	<u>21</u>
cis-1,2-Dichloroethene	5		<u>18</u>	<u>21</u>
Ethylbenzene	5		10 U	4.0 U
Tetrachloroethene	5		10 U	4.0 U
Toluene	5		10 U	4.0 U
Trichloroethene	5		10 U	4.0 U
Vinyl chloride	2		<u>24</u>	<u>41</u>
Cyanide - Total	200		NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW-99C(S) 07/27/2010 5	MW-99C(S) 7/8/2011 5	MW99-C(S) 7/25/2012 5	MW99-C(S) 7/9/2013 4	MW99-C(S) 7/8/2014 5	MW99-C(S) 7/28/2015 2	MW99-C(S) 7/28/2015 1 DUP	MW99-C(S) 9/29/2016 2
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
1,1-Dichloroethane	5		<u>12</u>	<u>12</u>	<u>19</u>	<u>22</u>	3.6 J	<u>6.8</u>	<u>8.3</u>	<u>36</u>
1,1-Dichloroethene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Benzene	1		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Chloroethane	5		<u>34</u>	<u>25</u>	<u>22</u>	<u>7.4</u>	5.0 U	2.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Ethylbenzene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Tetrachloroethene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Toluene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Trichloroethene	5		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Vinyl chloride	2		5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	1.0 U	2.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	MW99-C(S)		MW-99C(S)		MW99-C(S)		MW99-C(S)		MW99-C(S)		MW99-C(S)		MW99-C(S)	
		Sample Date:	9/21/2017		9/13/2018		9/12/2019		10/29/2020		9/23/2021		8/31/2022		9/22/2023	
		Dilution Factor:	1		4		2		2		2		2		2	
Volatile Organic Compounds (VOCs)																
1,1,1-Trichloroethane	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>32</u>		<u>46</u>		<u>48</u>		<u>40</u>		<u>32</u>		<u>28</u>		<u>13</u>	
1,1-Dichloroethene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzene	1		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		0.98	J	4.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW-99C(I) 07/27/2010 10	MW99-C(I) 7/8/2011 5	MW99-C(I) 7/25/2012 5	MW99-C(I) 7/9/2013 4	MW99-C(I) 7/8/2014 5	MW99-C(I) 7/28/2015 2	MW99-C(I) 9/29/2016 5	MW99-C(I) 9/21/2017 2
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
1,1-Dichloroethane	5		<u>17</u>	<u>41</u>	<u>7.6</u>	<u>36</u>	<u>22</u>	<u>6</u>	<u>11</u>	<u>5.9</u>
1,1-Dichloroethene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Benzene	1		10 U	5.0 U	5.0 U	<u>4.1</u>	5.0 U	2.0 U	5.0 U	2.0 U
Chloroethane	5		<u>230</u>	<u>260</u>	<u>180</u>	<u>210</u>	<u>74</u>	<u>81</u>	<u>110</u>	<u>77</u>
cis-1,2-Dichloroethene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Ethylbenzene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Tetrachloroethene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Toluene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Trichloroethene	5		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Vinyl chloride	2		10 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Cyanide - Total	200		<u>350</u>	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	MW99-C(I)		MW99-C(I)		MW99-C(I)		MW99-C(I)		MW99-C(I)		MW99-C(I)	
			9/14/2018		9/12/2019		10/29/2020		9/23/2021		8/31/2022		9/22/2023	
			1	4	1	2	2	2	2					
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>6.6</u>		<u>5.3</u>		3.2		4.3		4.9		3.8	
1,1-Dichloroethene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Benzene	1		0.89	J	4.0	U	0.8	J	2.0	U	2.0	U	2.0	U
Chloroethane	5		<u>54</u>		<u>7.4</u>		1.3		2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		1.0	U	4.0	U	1.0	U	2.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID:	MW-99D(I)		MW-99D(I)		MW99-D(I)		MW99-D(I)		MW99-D(I)		MW99-D(I)		MW99-D(I)	
		Sample Date:	7/27/2010		7/27/2010		7/12/2011		7/26/2012		7/12/2013		7/7/2014		7/27/2015	
		Dilution Factor:	5	1	5	5	1	1	1	1	1					
Constituent (µg/L)	(µg/L)	DUP														
Volatile Organic Compounds (VOCs)																
1,1,1-Trichloroethane	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
1,1-Dichloroethane	5	5.0	U	2.4		5.0	U	5.0	U	2.2		1.6		1.6		1.5
1,1-Dichloroethene	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Benzene	1	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Chloroethane	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
cis-1,2-Dichloroethene	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Ethylbenzene	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Tetrachloroethene	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Toluene	5	5.0	U	1.0	U	5.0	U	3.5	BJ	1.0	U	1.0	U	1.0	U	1.0
Trichloroethene	5	5.0	U	1.0	U	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Vinyl chloride	2	5.0	U	0.93	J	5.0	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0
Cyanide - Total	200	170		307		260		320		260		220		240		240

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-D(I) 9/28/2016 1	MW99-D(I) 9/20/2017 1	MW99-D(I) 9/13/2018 1	MW99-D(I) 9/12/2019 1	MW99-D(I) 10/29/2020 1	MW99-D(I) 9/21/2021 2	MW99-D(I) 8/31/2022 2	MW99-D(I) 9/28/2023 2
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5		1.5	1.0 U	0.58 J	0.55 J	1.2	0.96 J	0.93 J	1.1 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U
Cyanide - Total	200		320	210	190	280 J	220 J	310	290	300

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-F(I) 7/28/2010 1	MW99-F(I) 7/12/2011 5	MW99-F(I) 7/23/2012 5	MW99-F(I) 7/11/2013 1	MW99-F(I) 7/9/2014 4	MW99-F(I) 7/29/2015 1	MW99-F(I) 9/30/2016 4	MW99-F(I) 9/20/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.8	2.4 J	3.8
1,1-Dichloroethene	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Benzene	1		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Chloroethane	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.1	4.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	<u>5.6</u>	<u>11</u>	2.7	4.0 U	4.7	4.8	<u>5.5</u>
Ethylbenzene	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Tetrachloroethene	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Toluene	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Trichloroethene	5		1.0 U	5.0 U	5.0 U	1.0 U	4.0 U	1.0 U	4.0 U	1.0 U
Vinyl chloride	2		1.0 U	<u>11</u>	<u>42</u>	<u>3.3</u>	4 U	<u>27</u>	<u>17</u>	<u>27</u>
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	MW99-F(I)		MW99-F(I)		MW-99-F(I)		MW-99-F(I)		MW-99-F(I)		MW-99-F(I)	
			9/13/2018		9/12/2019		10/28/2020		9/24/2021		9/1/2022		9/28/2023	
			1		1		1		1		1		1	
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5		3.6		2.5		<u>5.9</u>		<u>8.9</u>		<u>6.9</u>		3.9	
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5		<u>7.1</u>		<u>5.7</u>		<u>7.1</u>		<u>18</u>		<u>9.3</u>		2.4	
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	3.3		0.61	J	1.0	U
Vinyl chloride	2		<u>27</u>	J	<u>22</u>		<u>35</u>		<u>49</u>		<u>32</u>		<u>14</u>	
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW-99E(D) 7/28/2010 1	MW99-F(D) 7/28/2010 5	MW99-F(D) 7/12/2011 5	MW99-F(D) 7/23/2012 5	MW99-F(D) 7/11/2013 1	MW99-F(D) 7/9/2014 1	MW99-F(D) 7/29/2015 1	MW99-F(D) 7/29/2015 1 DUP
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		0.96 J	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	3.8 J	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-F(D) 9/30/2016 1	MW99-F(D) 9/20/2017 1	MW99-F(D) 9/13/2018 4	MW99-F(D) 9/12/2019 1	MW99-F(D) 10/27/2020 1	MW99-F(D) 9/23/2021 1	MW99-F(D) 9/1/2022 1	MW99-F(D) 9/28/2023 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	4.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-G(S) 7/29/2010 10	MW99-G(S) 7/12/2011 10	MW99-G(S) 7/26/2012 10	MW99-G(S) 7/26/2012 10	MW99-G(S) 7/9/2013 2	MW99-G(S) 7/9/2014 2	MW99-G(S) 7/29/2015 2	MW99-G(S) 9/28/2016 10
Constituent (µg/L)	(µg/L)					DUP				
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
1,1-Dichloroethane	5		10 U	<u>7.2</u> J	10 U	4.3 J	<u>18</u>	<u>18</u>	<u>15</u>	<u>31</u>
1,1-Dichloroethene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
Benzene	1		10 U	10 U	10 U	10 U	<u>1.4</u> J	2.0 U	<u>5.2</u>	10 U
Chloroethane	5		<u>58</u>	<u>28</u>	<u>10</u>	<u>8.6</u> J	<u>9.9</u>	<u>11</u>	2.7	10 U
cis-1,2-Dichloroethene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
Ethylbenzene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
Tetrachloroethene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
Toluene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	<u>270</u> D	10 U
Trichloroethene	5		10 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U
Vinyl chloride	2		10 U	10 U	10 U	10 U	<u>2.3</u>	2.0 U	2.0 U	10 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID:	MW99-G(S)		MW99-G(S)		MW99-G(S)		MW99-G(S)		MW99-G(S)		MW99-G(S)		MW99-G(S)			
		Sample Date:	9/18/2017		9/11/2018		9/10/2019		5/20/2020		10/30/2020		3/24/2021		9/22/2021		3/30/2022	
		Dilution Factor:	10		4		4		5		4		10		4		4	
Constituent (µg/L)			(µg/L)															
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
1,1-Dichloroethane	5		14		13	J	5.2		4.6	J	10		7.6	J	9.9		2.8	J
1,1-Dichloroethene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Benzene	1		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Chloroethane	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Ethylbenzene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Tetrachloroethene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Toluene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Trichloroethene	5		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Vinyl chloride	2		10	U	4.0	U	4.0	U	5.0	U	4.0	U	10	U	4.0	U	4.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	MW99-G(S)		MW99-G(S)		MW99-G(S)	
			8/31/2022		3/8/2023		9/28/2023	
			4		4		4	
Volatile Organic Compounds (VOCs)								
1,1,1-Trichloroethane	5		4.0	U	4.0	U	4.0	U
1,1-Dichloroethane	5		3.7		3.0	J	4.0	U
1,1-Dichloroethene	5		4.0	U	4.0	U	4.0	U
Benzene	1		4.0	U	4.0	U	4.0	U
Chloroethane	5		4.0	U	4.0	U	4.0	U
cis-1,2-Dichloroethene	5		4.0	U	4.0	U	4.0	U
Ethylbenzene	5		4.0	U	4.0	U	4.0	U
Tetrachloroethene	5		4.0	U	4.0	U	4.0	U
Toluene	5		4.0	U	4.0	U	4.0	U
Trichloroethene	5		4.0	U	4.0	U	4.0	U
Vinyl chloride	2		4.0	U	4.0	U	4.0	U
Cyanide - Total	200		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-G(I) 7/29/2010 20	MW99-G(I) 7/12/2011 10	MW99-G(I) 7/26/2012 10	MW99-G(I) 7/9/2013 5	MW99-G(I) 7/9/2014 5	MW99-G(I) 7/29/2015 5	MW99-G(I) 9/28/2016 10	MW99-G(I) 9/18/2017 5
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
1,1-Dichloroethane	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
1,1-Dichloroethene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Benzene	1		20 U	10 U	10 U	<u>2.3</u> J	<u>4.4</u> J	5.0 U	10 U	5.0 U
Chloroethane	5		<u>120</u>	<u>120</u>	<u>53</u>	<u>52</u>	<u>110</u>	<u>39</u>	<u>28</u>	<u>15</u>
cis-1,2-Dichloroethene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Ethylbenzene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Tetrachloroethene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Toluene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Trichloroethene	5		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Vinyl chloride	2		20 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID: Sample Date: Dilution Factor:	MW99-G(I)		MW99-G(I)		MW99-G(I)		MW99-G(I)		MW99-G(I)		MW99-G(I)	
			9/11/2018		9/10/2019		10/30/2020		9/22/2021		8/30/2022		9/28/2023	
			5		5		4		2		2		2	
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		5.0	U	5.0	U	2.7	J	4.9		4.8		3.7	
1,1-Dichloroethene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Benzene	1		5.0	U	5.0	U	<u>2.5</u>	J	<u>2.5</u>		2.0	U	2.0	U
Chloroethane	5		4.5	J	5.0	U	<u>7.2</u>		2.6		2.6		2.0	U
cis-1,2-Dichloroethene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		5.0	U	5.0	U	4.0	U	2.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-G(D) 7/29/2010 10	MW99-G(D) 7/12/2011 5	MW99-G(D) 7/26/2012 5	MW99-G(D) 7/9/2013 2	MW99-G(D) 7/9/2014 2	MW99-G(D) 7/29/2015 2	MW99-G(D) 9/28/2016 1	MW99-G(D) 9/18/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		10 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		<u>15</u>	<u>7.1</u>	<u>6.1</u>	<u>6.3</u>	<u>6.6</u>	<u>6.8</u>	<u>5.6</u>	<u>5.4</u>
1,1-Dichloroethene	5		10 U	2.2 J	2.4 J	1.9 J	1.4 J	1.4 J	0.62 J	0.45 J
Benzene	1		<u>6.6</u> J	<u>7</u>	<u>10</u>	<u>8.6</u>	<u>9.6</u>	<u>8.3</u>	<u>5.9</u>	<u>5</u>
Chloroethane	5		<u>15</u>	<u>12</u>	<u>17</u>	<u>9</u>	<u>11</u>	<u>5.8</u>	2.5	1
cis-1,2-Dichloroethene	5		10 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U
Ethylbenzene	5		10 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U
Tetrachloroethene	5		10 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U
Toluene	5		<u>100</u>	<u>74</u>	<u>64</u> B	<u>25</u>	<u>12</u>	<u>6.3</u>	2.3 UB	1.4
Trichloroethene	5		<u>5.5</u> J	4.1 J	3.2 J	2.2	1.9 J	1.4 J	0.68 J	0.54 J
Vinyl chloride	2		10 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	MW99-G(D)		MW99-G(D)		MW99-G(D)		MW99-G(D)		MW99-G(D)		MW99-G(D)	
		Sample Date:	9/11/2018		9/10/2019		10/30/2020		9/22/2021		8/31/2022		9/28/2023	
		Dilution Factor:	1		1		2		2		2		2	
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		1.0	U	1.0	UJ	2.0	U	2.0	UJ	2.0	U	2.0	U
1,1-Dichloroethane	5		<u>5.5</u>		<u>5.6</u>	J	3.6		4.4	J	3.0		3.1	
1,1-Dichloroethene	5		1.0	U	0.58	J	2.0	U	2.0	UJ	2.0	U	2.0	U
Benzene	1		<u>3.4</u>		<u>3.6</u>		<u>3.8</u>		<u>5.3</u>	J	<u>4.8</u>		<u>5.6</u>	
Chloroethane	5		1.0	U	0.8	J	2.0	U	2.0	UJ	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	UJ	2.0	U	2.0	UJ	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	1.0	UJ	2.0	U	2.0	UJ	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	1.0	UJ	2.0	U	2.0	UJ	2.0	U	2.0	U
Toluene	5		0.87	J	0.74	J	2.0	U	2.0	UJ	2.0	U	2.0	U
Trichloroethene	5		1.0	U	0.55	J	2.0	U	2.0	UJ	2.0	U	2.0	U
Vinyl chloride	2		1.0	U	1.0	UJ	2.0	U	2.0	UJ	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-H(I) 7/27/2010 5	MW99-H(I) 9/12/2018 1	MW99-H(I) 7/26/2012 1	MW99-H(I) 7/11/2013 1	MW99-H(I) 7/10/2014 1	MW99-H(I) 7/28/2015 2	MW99-H(I) 9/27/2016 1	MW99-H(I) 9/19/2017 2
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
1,1-Dichloroethane	5		<u>37</u>	<u>17</u>	<u>15</u>	<u>16</u>	<u>18</u>	<u>12</u>	4.5	<u>6</u>
1,1-Dichloroethene	5		<u>6.3</u>	2.6	1.8	2	1.5	0.8 J	1.0 U	2.0 U
Benzene	1		5.0 U	1.0 U	0.79 J	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
Chloroethane	5		5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	5		5.0 U	2.7	1.4	1.6	1.8	2.0 U	0.89 J	2.0 U
Ethylbenzene	5		5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
Tetrachloroethene	5		5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
Toluene	5		5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	2.0 U
Trichloroethene	5		<u>8.6</u>	1.0 U	2.9	2.9	2.2	1.1 J	1.0 U	2.0 U
Vinyl chloride	2		<u>7.8</u>	1.0 U	<u>3.1</u>	<u>3.3</u>	<u>3.1</u>	<u>2.4</u>	1.0 U	2.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC Groundwater Quality Standards (µg/L)	Well ID:	MW99-H(I)		MW99-H(I)		MW99-H(I)		MW99-H(I)		MW99-H(I)		MW99-H(I)		MW99-H(I)			
		Sample Date:	9/12/2018		9/12/2019		5/20/2020		5/20/2020		10/29/2020		3/24/2021		9/24/2021		3/30/2022	
		Dilution Factor:	1		5		2		5		2		2		2		2	
		DUP																
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		2.4		2	J	3.2		3.2	J	2.2		2.2		2.1		1.7	J
1,1-Dichloroethene	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Benzene	1		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chloroethane	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.1		5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Vinyl chloride	2		1.0	U	5.0	U	2.0	U	5.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-H(I) 8/30/2022 2	MW99-H(I) 3/8/2023 2	MW99-H(I) 9/22/2023 2
Constituent (µg/L)	(µg/L)				
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	5		2.0 U	2.0 U	2.0 U
1,1-Dichloroethane	5		1.9 J	2.1	2.2
1,1-Dichloroethene	5		2.0 U	2.0 U	2.0 U
Benzene	1		2.0 U	<u>1.2</u> J	0.99 J
Chloroethane	5		2.0 U	2.0 U	2.0 U
cis-1,2-Dichloroethene	5		2.0 U	2.0 U	2.0 U
Ethylbenzene	5		2.0 U	2.0 U	2.0 U
Tetrachloroethene	5		2.0 U	2.0 U	2.0 U
Toluene	5		2.0 U	2.0 U	2.0 U
Trichloroethene	5		2.0 U	2.0 U	2.0 U
Vinyl chloride	2		2.0 U	2.0 U	2.0 U
Cyanide - Total	200		NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-H(S) 7/27/2010 1	MW99-H(S) 7/12/2011 5	MW99-H(S) 7/11/2013 1	MW99-H(S) 7/10/2014 1	MW99-H(S) 7/28/2015 1	MW99-H(S) 9/27/2016 --	MW99-H(S) 9/22/2017 2	MW99-H(S) 9/12/2018 --
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
1,1-Dichloroethane	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
1,1-Dichloroethene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Benzene	1		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Chloroethane	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
cis-1,2-Dichloroethene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Ethylbenzene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Tetrachloroethene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Toluene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Trichloroethene	5		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Vinyl chloride	2		1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	NS	2.0 U	NS
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: MW99-H(S)	MW99-H(S)	MW99-H(S)	MW99-H(S)	MW99-H(S)
		Sample Date:	9/12/2019	10/29/2020	9/24/2021	8/29/2022
		Dilution Factor:	--	--	--	--
Constituent (µg/L)	(µg/L)					
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	5		NS	NS	NS	NS
1,1-Dichloroethane	5		NS	NS	NS	NS
1,1-Dichloroethene	5		NS	NS	NS	NS
Benzene	1		NS	NS	NS	NS
Chloroethane	5		NS	NS	NS	NS
cis-1,2-Dichloroethene	5		NS	NS	NS	NS
Ethylbenzene	5		NS	NS	NS	NS
Tetrachloroethene	5		NS	NS	NS	NS
Toluene	5		NS	NS	NS	NS
Trichloroethene	5		NS	NS	NS	NS
Vinyl chloride	2		NS	NS	NS	NS
Cyanide - Total	200		NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-H(D) 7/27/2010 1	MW99-H(D) 7/11/2011 1	MW99-H(D) 7/26/2012 1	MW99-H(D) 7/11/2013 1	MW99-H(D) 7/11/2013 1	MW99-H(D) 7/10/2014 1	MW99-H(D) 7/28/2015 1	MW99-H(D) 9/27/2016 8
Constituent (µg/L)	(µg/L)						DUP			
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
1,1-Dichloroethane	5		<u>7.2</u>	<u>6.2</u>	1.4	4.8	4.9	4.4	3.8	8.0 U
1,1-Dichloroethene	5		3.1	2.5	0.52 J	1.5	1.5	1.1	1.0	8.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	8.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Trichloroethene	5		1.3	0.96 J	1.0 U	0.76 J	0.73 J	0.56 J	0.53 J	8.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID:	MW99-H(D)		MW99-H(D)		MW99-H(D)		MW99-H(D)		MW99-H(D)		MW99-H(D)		MW99-H(D)			
		Sample Date:	9/19/2017		9/12/2018		9/12/2019		9/12/2019		10/29/2020		9/24/2021		8/30/2022		9/22/2023	
		Dilution Factor:	8		2		1		1		1		1		1		1	
		Constituent (µg/L)	(µg/L)	DUP														
Volatile Organic Compounds (VOCs)																		
1,1,1-Trichloroethane	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
1,1-Dichloroethane	5		8.0	U	2.0	U	0.73	J	0.76	J	0.9	J	0.79	J	0.47	J		
1,1-Dichloroethene	5		8.0	U	2.0	U	1.0	U	0.3	J	0.4	J	1.0	U	1.0	U		
Benzene	1		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	0.49	J	0.78	J		
Chloroethane	5		8.0	U	0.91	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
cis-1,2-Dichloroethene	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Ethylbenzene	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Tetrachloroethene	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Toluene	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Trichloroethene	5		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Vinyl chloride	2		8.0	U	2.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
Cyanide - Total	200		NA		NA		NA		NA		NA		NA		NA			

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-I(I) 7/11/2011 1	MW99-I(I) 7/25/2012 1	MW99-I(I) 7/9/2013 1	MW99-I(I) 7/10/2014 1	MW99-I(I) 7/29/2015 1	MW99-I(I) 9/28/2016 1	MW99-I(I) 9/20/2017 1	MW99-I(I) 9/13/2018 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.6	0.72 J	1.0 U	1.0 U	0.5 J	0.46 J	0.53 J	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

Constituent (µg/L)	NYSDEC	Well ID:	MW99-I(I)		MW99-I(I)		MW99-I(I)		MW99-I(I)		MW99-I(I)	
	Groundwater	Sample Date:	9/11/2019		10/30/2020		9/22/2021		8/30/2022		9/27/2023	
	Quality	Dilution Factor:	1		1		1		2		2	
Standards	(µg/L)											
Volatile Organic Compounds (VOCs)												
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
1,1-Dichloroethane	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Vinyl chloride	2		1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-I(S) 7/11/2011 1	MW99-I(S) 7/25/2012 1	MW99-I(S) 7/9/2013 1	MW99-I(S) 7/10/2014 1	MW99-I(S) 7/29/2015 1	MW99-I(S) 9/28/2016 1	MW99-I(S) 9/20/2017 1	MW99-I(S) 9/13/2018 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5		3.5		1.9		1.0	U	1.0	U
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2		1.0	U	1.0	U	1.0	U	1.0	U
Cyanide - Total	200		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-I(S) 9/11/2019 1	MW99-I(S) 9/22/2021 1	MW99-I(S) 8/30/2022 1	MW99-I(S) 9/27/2023 1
Constituent (µg/L)	(µg/L)					
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		0.58 J	0.4 J	1.0 U	0.45 J
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-J(I) 07/27/2010 1	MW99-J(I) 7/11/2011 1	MW99-J(I) 7/27/2012 1	MW99-J(I) 7/11/2013 1	MW99-J(I) 7/11/2014 1	MW99-J(I) 7/31/2015 1	MW99-J(I) 9/27/2016 1	MW99-J(I) 9/20/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	5.8 J	11	10 UJ	21	10 U

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-J(I)		MW99-J(I)		MW99-J(I)		MW99-J(I)		MW99-J(I)		MW99-J(I)		MW99-J(I)	
			9/13/2018		9/11/2019		10/30/2020		9/22/2021		8/29/2022		9/21/2023		9/21/2023	
Constituent (µg/L)	(µg/L)		1		1		1		1		1		1		1	DUP
Volatile Organic Compounds (VOCs)																
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyanide - Total	200		10	U	6.2	J	10	UJ	10	U	10	U	10.0	U	22	UB

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



	NYSDEC Groundwater Quality Standards	Well ID: Sample Date: Dilution Factor:	MW99-J(S) 07/27/2010 1	MW99-J(S) 7/11/2011 1	MW99-J(S) 7/27/2012 1	MW99-J(S) 7/12/2013 1	MW99-J(S) 7/11/2014 1	MW99-J(S) 7/31/2015 1	MW99-J(S) 9/28/2016 1	MW99-J(S) 9/19/2017 1
Constituent (µg/L)	(µg/L)									
Volatile Organic Compounds (VOCs)										
1,1,1-Trichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	1		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyanide - Total	200		NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York



Constituent (µg/L)	NYSDEC	Well ID:	MW99-J(S)		MW99-J(S)		MW99-J(S)		MW99-J(S)		MW99-J(S)		MW99-J(S)	
	Groundwater	Sample Date:	9/13/2018		9/11/2019		10/28/2020		9/22/2021		8/30/2022		9/22/2023	
	Quality													
	Standards		Dilution Factor:	1	1	1	1	1	1	1	1			
Volatile Organic Compounds (VOCs)														
1,1,1-Trichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Benzene	1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Tetrachloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene	5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride	2		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyanide - Total	200		NA		NA		NA		NA		NA		NA	

Table 7
Summary of Historical Target VOCs and Total Cyanide in Groundwater
Former 3M/Dyanacolor Facility
Brockport, New York

Notes:

This table summarizes the groundwater data from the annual monitoring events conducted between 2010 and 2021.

Groundwater data from quarterly or semi-annual monitoring events are not included except May 2020, March 2021, March 2022, and March 2023 semi-annual monitoring events.

µg/L = micrograms per liter

DUP = duplicate sample

NA = not analyzed

NS = not sampled

NYSDEC = New York State Department of Environmental Conservation

B = Compound was found in the blank and in the sample.

D = Compound detected in a secondary dilution.

J = Associated value is an estimate.

U = Element was not detected at or above the reporting limit.

UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

14 = Bold and underline represents that concentration exceeded NYSDEC Groundwater Quality Standards.

Table 8
Summary of 1,4-Dioxane in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Sample Location		AGM-1-OB		AGM-1-SB		AGM-1-IB		AGM-2-OB		AGM-2-SB		AGM-2-IB		AGM-3-OB		AGM-3-SB		AGM-3-IB	
Sampling Date		9/27/2023		9/27/2023		9/27/2023		9/26/2023		9/26/2023		9/26/2023		9/25/2023		9/26/2023		9/26/2023	
Dilution Factor		1		20		1		1		1		1		1		100		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	38		230		0.25	UB	6.1		20		0.7		78		840		150	

Sample Location		AGM-4-OB		AGM-4-SB		AGM-4-IB		AGM-5-OB		AGM-5-SB		AGM-6-SB		AGM-7-OB		AGM-7-SB	
Sampling Date		9/25/2023		9/26/2023		9/25/2023		9/22/2023		9/22/2023		9/26/2023		9/27/2023		9/27/2023	
Dilution Factor		1		1		1		1		10		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	1.6		150		1.6		130		93		9.1		1.9		12	

Sample Location		AGM-8-OB		AGM-8-SB		MW99-C(S)		MW99-C(I)		MW99-D(S)		MW99-D(I)		MW99-E(D)		MW99-F(S)		MW99-F(I)	
Sampling Date		9/26/2023		9/26/2023		9/22/2023		9/22/2023		9/28/2023		9/28/2023		9/29/2023		9/28/2023		9/28/2023	
Dilution Factor		1		1		1		50		1		1		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	30		94		14		470		2		1.4		0.41	UB	0.19	J	2.6	

Sample Location		MW99-F(D)		MW99-G(S)		MW99-G(I)		MW99-G(D)		MW99-H(I)		MW99-H(D)		MW99-I(S)		MW99-I(I)		MW99-I(D)	
Sampling Date		9/28/2023		9/28/2023		9/28/2023		9/28/2023		9/22/2023		9/22/2023		9/27/2023		9/27/2023		9/27/2023	
Dilution Factor		1		1		1		1		1		1		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	0.35		15		140		57		13		5.5		31		50		0.23	UL

Sample Location		MW99-J(S)		MW99-J(I)		MW99-J(I)		MW99-J(D)		MW99-J(D)		GEB-28BS		GEB-28BI		GEB-28BI		GEB-28BD	
Sampling Date		9/22/2023		9/21/2023		9/21/2023		9/21/2023		9/21/2023		9/28/2023		9/25/2023		9/25/2023		9/28/2023	
Dilution Factor		1		1		1		1		1		1		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q	DUP	Q		Q	DUP	Q		Q		Q	DUP	Q		Q
1,4-Dioxane	0.35	0.44	UB	0.61	UB	0.51		0.70		0.80		0.34		3.2		3.2		4.5	

Table 8
Summary of 1,4-Dioxane in Groundwater, September 2023
Former 3M/Dynacolor Facility
Brockport, New York



Sample Location		GEB-29BS		GEB-29BI		GEB-29BD		GEB-30BS		GEB-30BI		GEB-30BD		GW-1S		MW-98B	
Sampling Date		9/29/2023		9/29/2023		9/29/2023		9/29/2023		9/29/2023		9/29/2023		9/27/2023		9/25/2023	
Dilution Factor		1		1		1		1		1		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	0.20	UB	0.20	UB	0.92		1.7		0.89		0.53	UB	0.22	UB	NS	

Sample Location		Field Blank						Equipment Blank					
Sampling Date		9/27/2023		9/28/2023		9/29/2023		9/22/2023		9/26/2023		9/27/2023	
Dilution Factor		1		1		1		1		1		1	
Concentration (µg/L)	NYSDEC GWQS ¹		Q		Q		Q		Q		Q		Q
1,4-Dioxane	0.35	0.14	J	0.21	U	0.13	J	0.60		0.21		0.20	UB

Notes:

1 = New York State established a groundwater standard for 1,4-Dioxane at 0.35 µg/L in February 2023.

GWQS = Groundwater Quality Standards

NYSDEC = New York State Department of Environmental Conservation

µg/L = microgram per liter

DUP = Duplicate sample

J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit and the concentration is an approximate value.

NS = Not Sampled. MW-98B could not be located with survey and metal detector.

Q = Qualifier

UB = Compound is considered non-detect at the listed value due to associated blank contamination.

Bold = Detected above Class GA Standard of 0.35 µg/L

Table 9
Summary of Field Air Monitoring at Vapor Monitoring Points
Former 3M/Dynacolor Facility
Brockport, New York



Parameter	Sample I.D. Date Sampled:	VMP-3 12/6/2023	VMP-3 1/11/2023	VMP-3 2/17/2023	VMP-3 3/7/2023	VMP-3 9/21/2023	VMP-4 12/6/2022	VMP-4 1/11/2023	VMP-4 2/17/2023	VMP-4 3/7/2023	VMP-4 9/21/2023
PID (ppm)		0.1	0.0	0.0	0.0	0.4	0.7	0.4	0.3	0.0	0.7
Carbon Monoxide (ppm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
LEL (%)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oxygen (%)		18.0	19.3	19.0	19.0	17.7	17.9	17.6	18.5	17.1	12.0
Hydrogen Sulfide (ppm)		0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0

Parameter	Sample I.D. Date Sampled:	VMP-5 12/6/2022	VMP-5 1/11/2023	VMP-5 2/17/2023	VMP-5 3/7/2023	VMP-5 9/21/2023	VMP-8 12/6/2022	VMP-8 1/11/2023	VMP-8 2/17/2023	VMP-8 3/7/2023	VMP-8 9/21/2023
PID (ppm)		0.1	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.7
Carbon Monoxide (ppm)		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
LEL (%)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oxygen (%)		20.3	20.9	20.9	20.3	16.6	19.5	20.1	20.4	20.5	13.9
Hydrogen Sulfide (ppm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Parameter	Sample I.D. Date Sampled:	VMP-9 12/6/2022	VMP-9 1/11/2023	VMP-9 2/17/2023	VMP-9 3/7/2023	VMP-9 9/21/2023	VMP-10 12/6/2022	VMP-10 1/11/2023	VMP-10 2/17/2023	VMP-10 3/7/2023	VMP-10 9/21/2023
PID (ppm)		0.9	0.4	0.0	0.0	0.7	0.4	0.2	0.0	0.0	0.0
Carbon Monoxide (ppm)		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0
LEL (%)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
Oxygen (%)		16.4	17.8	20.9	17.5	16.7	18.4	18.7	17.9	18.1	11.4
Hydrogen Sulfide (ppm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 9
Summary of Field Air Monitoring at Vapor Monitoring Points
Former 3M/Dynacolor Facility
Brockport, New York



Parameter	Sample I.D. Date Sampled:	VMP-11 12/6/2022	VMP-11 1/11/2023	VMP-11 2/17/2023	VMP-11 3/7/2023	VMP-11 9/21/2023
PID (ppm)		0.4	0.8	0.0	0.0	0.6
Carbon Monoxide (ppm)		0.0	0.0	0.0	0.0	0.0
LEL (%)		0.0	0.0	0.0	0.0	0.0
Oxygen (%)		19.2	16.5	20.0	17.8	15.6
Hydrogen Sulfide (ppm)		0.0	0.0	0.0	0.0	0.0

Notes:

LEL = lower exposure limit

ppm = parts per million

PID = photo ionization detector

Table 10
Summary of Dissolved Gases in AGM1-OB
Former 3M/Dynacolor Facility
Brockport, New York



Sample Location:		AGM1-OB	AGM1-OB	AGM1-OB	Field Blank	Field Blank	Field Blank
Concentration (µg/L)	Date Sampled:	9/6/2022	3/9/2023	9/27/2023	9/6/2022	3/9/2023	9/27/2023
Methane		7,670	21,000	14,000	ND	ND	ND
Ethane		ND	115	24.8	ND	ND	ND
Ethene		ND	37.2	ND	ND	ND	ND

Notes:

ND = non-detect

µg/L = micrograms per liter

Table 11
Proposed 2024 Groundwater Monitoring Schedule
Former 3M/Dynacolor Facility
Brockport, New York



Semi-annual Groundwater Monitoring			
Groundwater Monitoring Schedule March 2024			
VOCs Field Parameters	TOC	Dissolved Gases	PFAS
AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB
AGM1-SB	AGM1-SB		AGM1-SB
AGM3-OB	AGM3-OB		AGM3-OB
AGM3-SB	AGM7-OB		AGM5-OB
AGM5-SB	AGM8-OB		
AGM6-SB			
AGM7-OB			
AGM7-SB			
AGM8-OB			
AGM8-SB			
MW99-G(S)			
MW99-H(I)			

Annual Groundwater Monitoring				
Annual Groundwater Monitoring Schedule September 2024				
VOCs Field Parameters	Total Cyanide	TOC	Dissolved Gases	1,4-Dioxane
AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB	AGM1-OB
AGM1-SB	AGM3-SB	AGM1-SB		AGM1-SB
AGM2-OB	AGM4-SB	AGM3-OB		AGM1-IB
AGM2-SB	AGM5-SB	AGM7-OB		AGM2-OB
AGM3-OB	AGM6-SB	AGM8-OB		AGM2-SB
AGM3-SB	AGM7-OB			AGM2-IB
AGM3-IB	AGM7-SB			AGM3-OB
AGM4-OB	MW99-D(I)			AGM3-SB
AGM4-SB	MW99-J(I)			AGM3-IB
AGM5-OB				AGM4-OB
AGM5-SB				AGM4-IB
AGM6-SB				AGM5-OB
AGM7-OB				AGM5-SB
AGM7-SB				MW99-C(S)
AGM8-OB				MW99-C(I)
AGM8-SB				MW99-F(S)
MW99-C(S)				MW99-F(I)
MW99-C(I)				MW99-F(D)
MW99-D(I)				MW99-H(S)
MW99-F(I)				MW99-H(I)
MW99-F(D)				MW99-H(D)
MW99-G(S)				MW99-I(S)
MW99-G(I)				MW99-I(I)
MW99-G(D)				MW99-I(D)
MW99-H(S)				MW99-J(S)
MW99-H(I)				MW99-J(I)
MW99-H(D)				MW99-J(D)
MW99-I(S)				GEB-28BS
MW99-I(I)				GEB-28BI
MW99-J(S)				GEB-28BD
MW99-J(I)				GEB-30BS
				GEB-30BI

Notes:

PFAS = Per- and Polyfluoroalkyl Substances

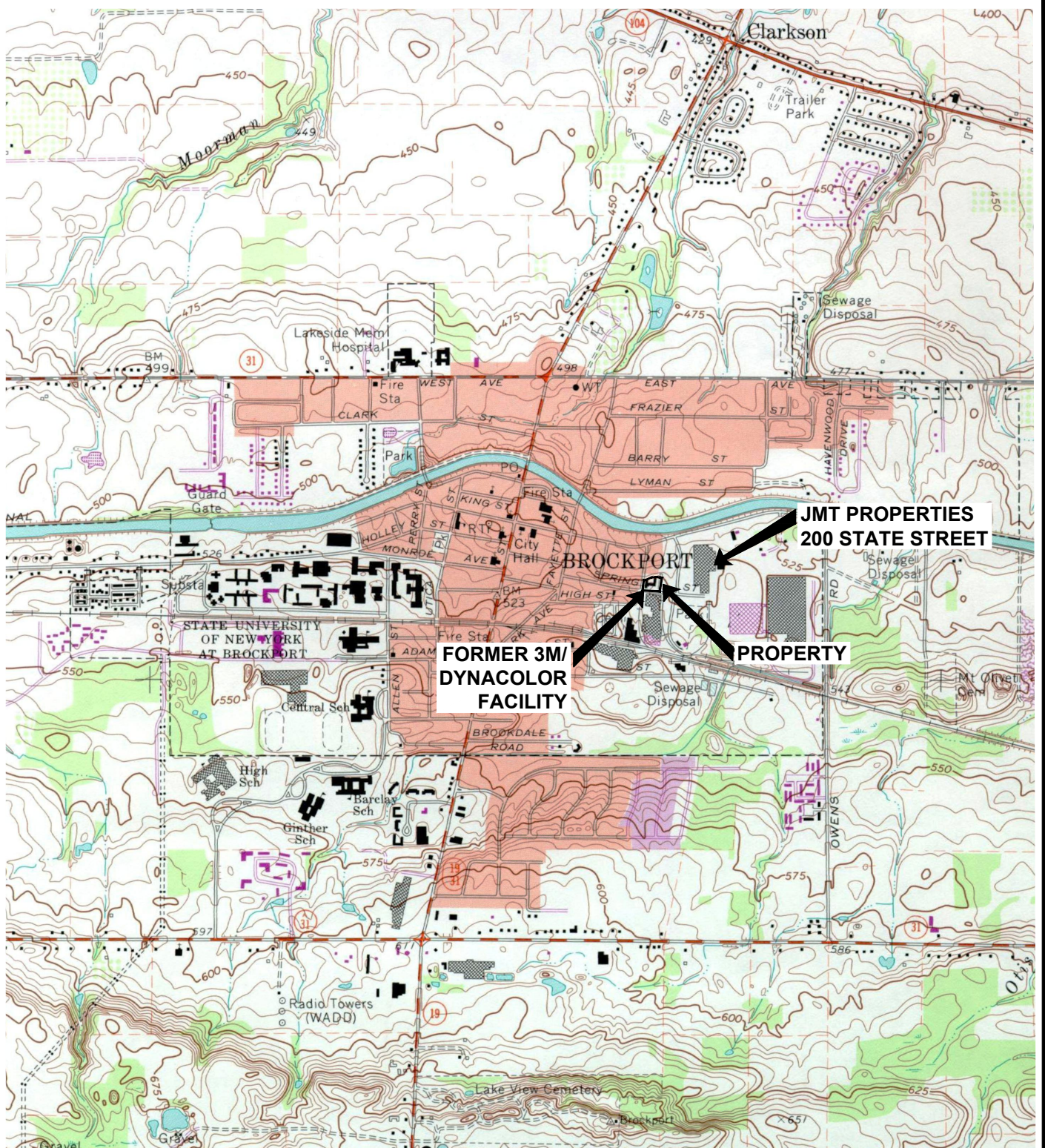
TOC = Total Organic Carbon

VOCs = Volatile Organic Compounds

Field parameters for groundwater include pH, specific conductivity, temperature, turbidity, dissolved oxygen, and redox potential.

Dissolved gases include methane, ethane, and ethene.

Figures



REFERENCE: BROCKPORT, NY, USGS QUADRANGLE, 7.5 MINUTE SERIES, 1971, PHOTOREVISED, 1978.

0 2000' 4000'
 SCALE IN FEET

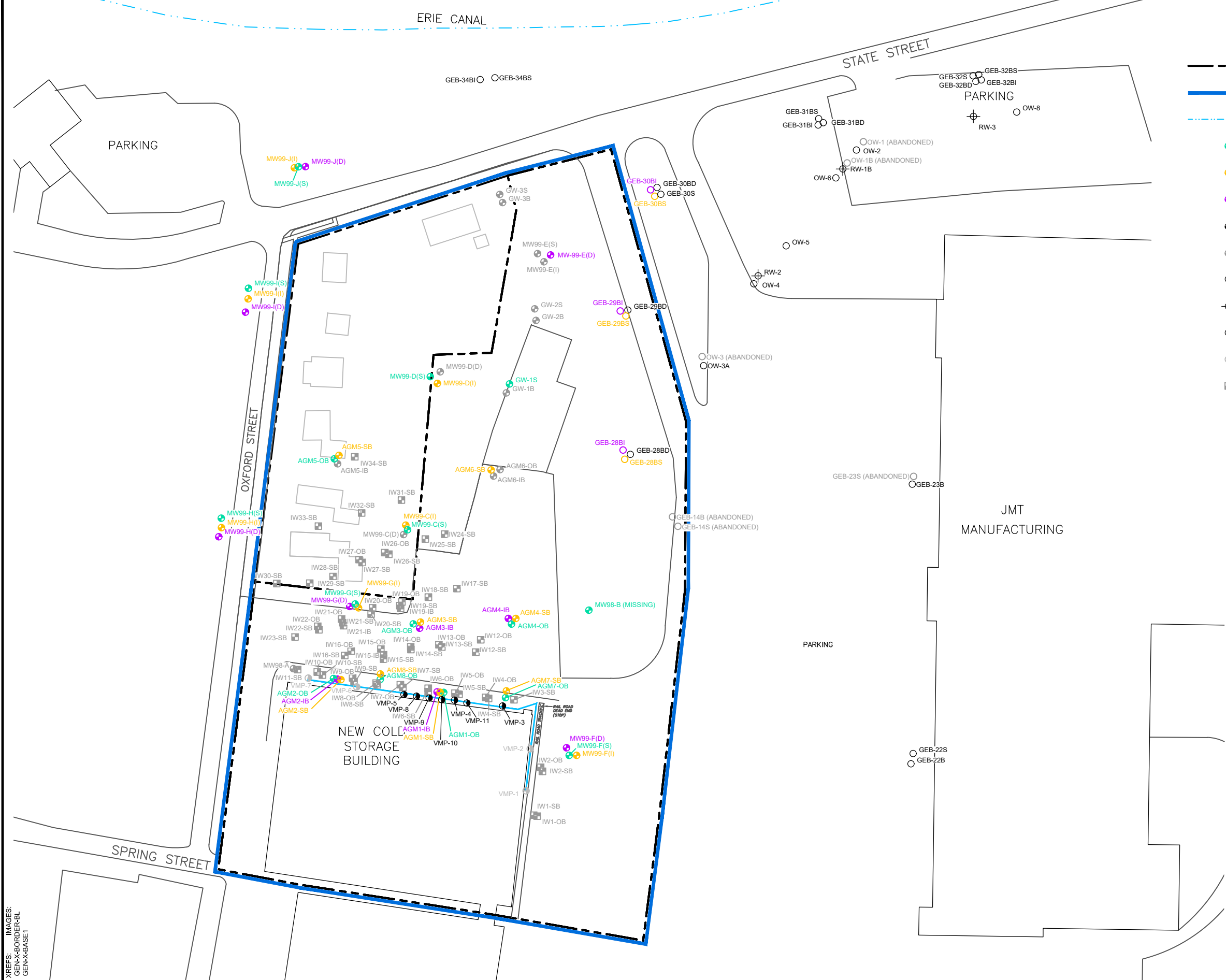


FORMER 3M/DYANCOLOR FACILITY, SITE #828086
 BROCKPORT, NEW YORK

PROPERTY LOCATION MAP



FIGURE
 1

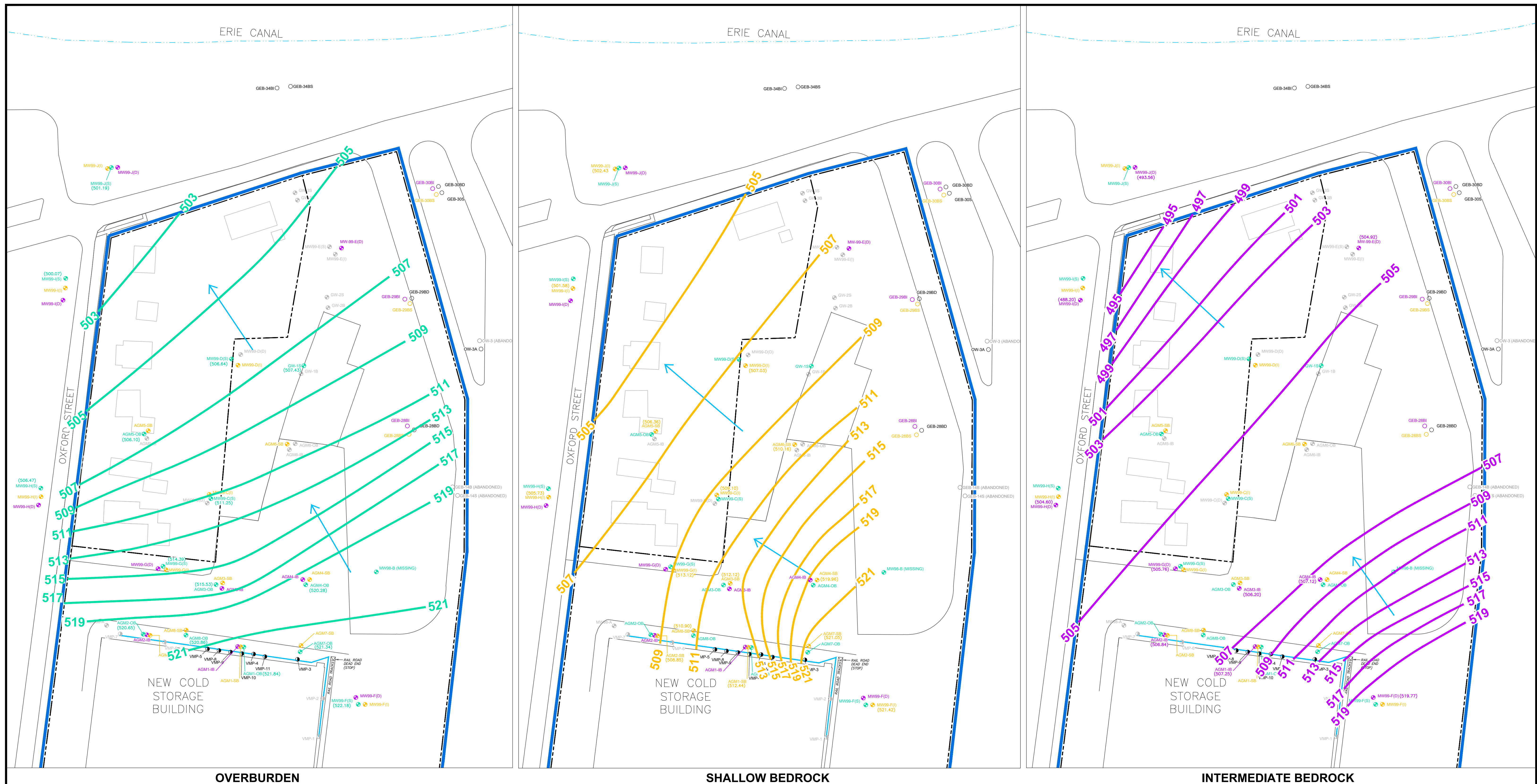


INTERMEDIATE BEDROCK

- | | |
|--|--|
|  | SITE BOUNDARY |
|  | APPROXIMATE PROPERTY LINE |
|  | ERIE CANAL |
|  | GENERAL GROUNDWATER FLOW DIRECTION |
| 511  | GROUNDWATER ELEVATION CONTOUR (ft. msl.) |
| (521.09) | WATER LEVEL ELEVATION (ft. msl.) |
| (ft. msl.) | FEET ABOVE MEAN SEA LEVEL |
|  | WATER ELEVATION NOT INCLUDED IN GROUNDWATER SURFACE CONTOURS |

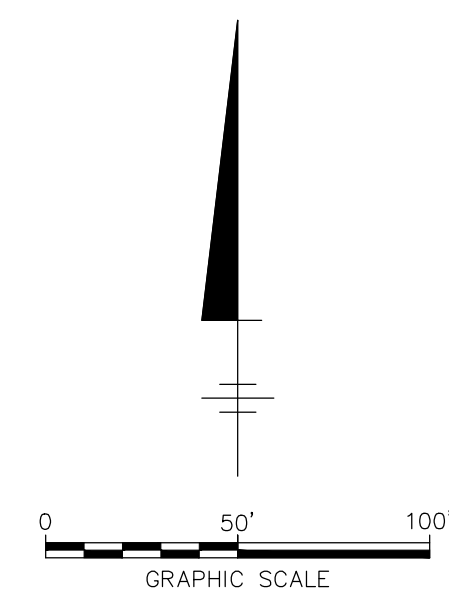
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FIGURE
3



NOTES:

1. REFERENCED COORDINATE SYSTEM: NAD83 NEW YORK STATE PLANE WEST, US SURVEY FOOT.
2. VMP-1, VMP-2, VMP-6 AND VMP-7 WERE ABANDONED.



FORMER 3M/DYNACOLOR FACILITY, SITE #828086
BROCKPORT, NEW YORK

GROUNDWATER ELEVATIONS AND GENERAL FLOW DIRECTIONS - SEPTEMBER 2023



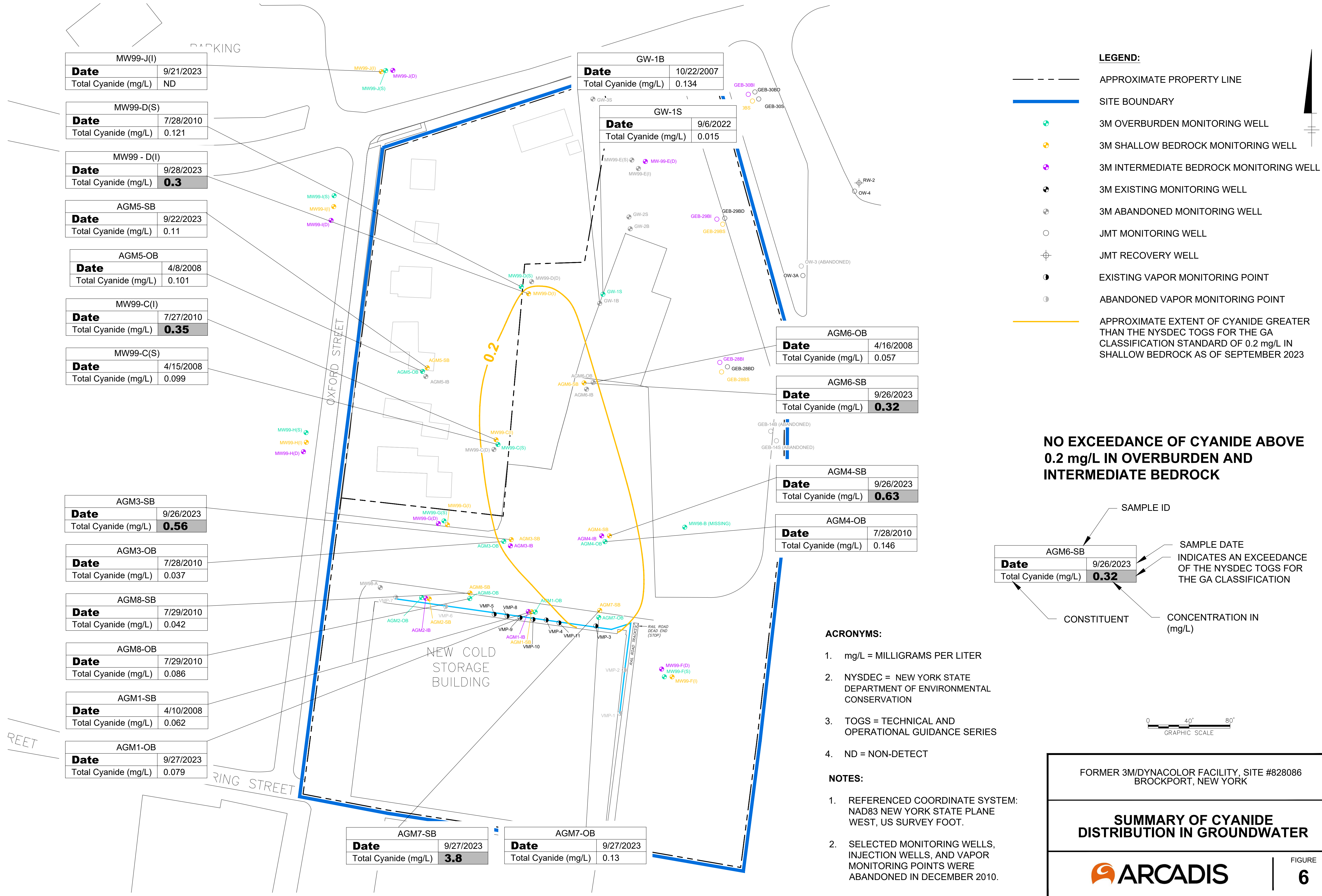
FIGURE

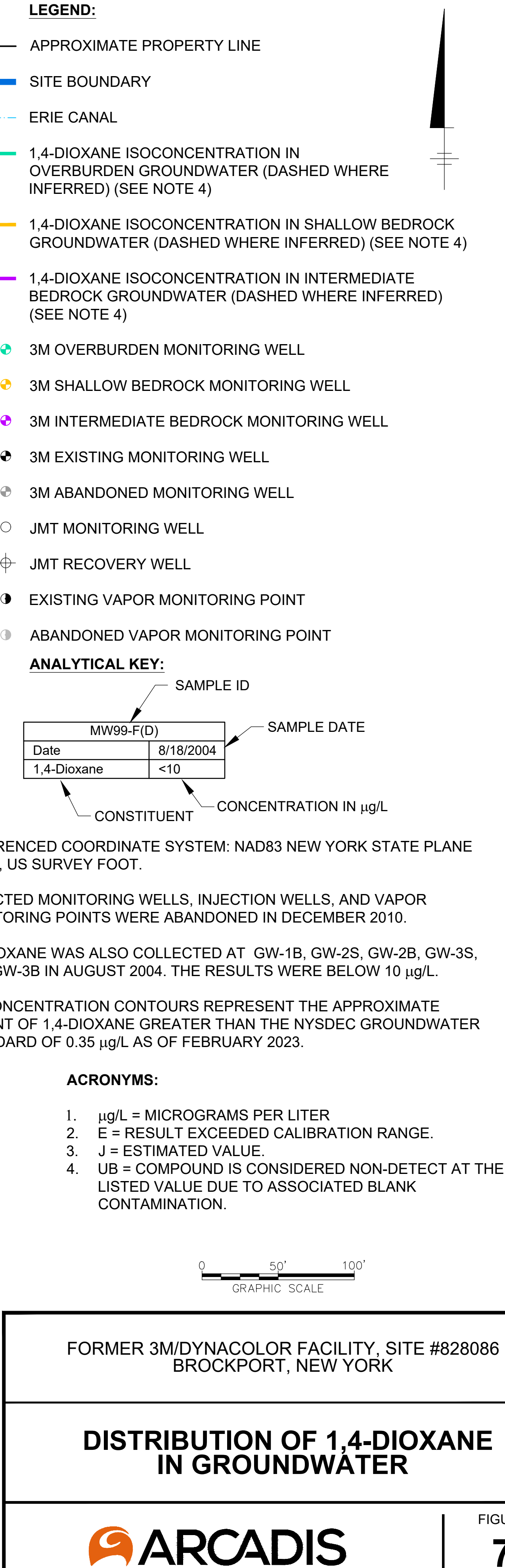
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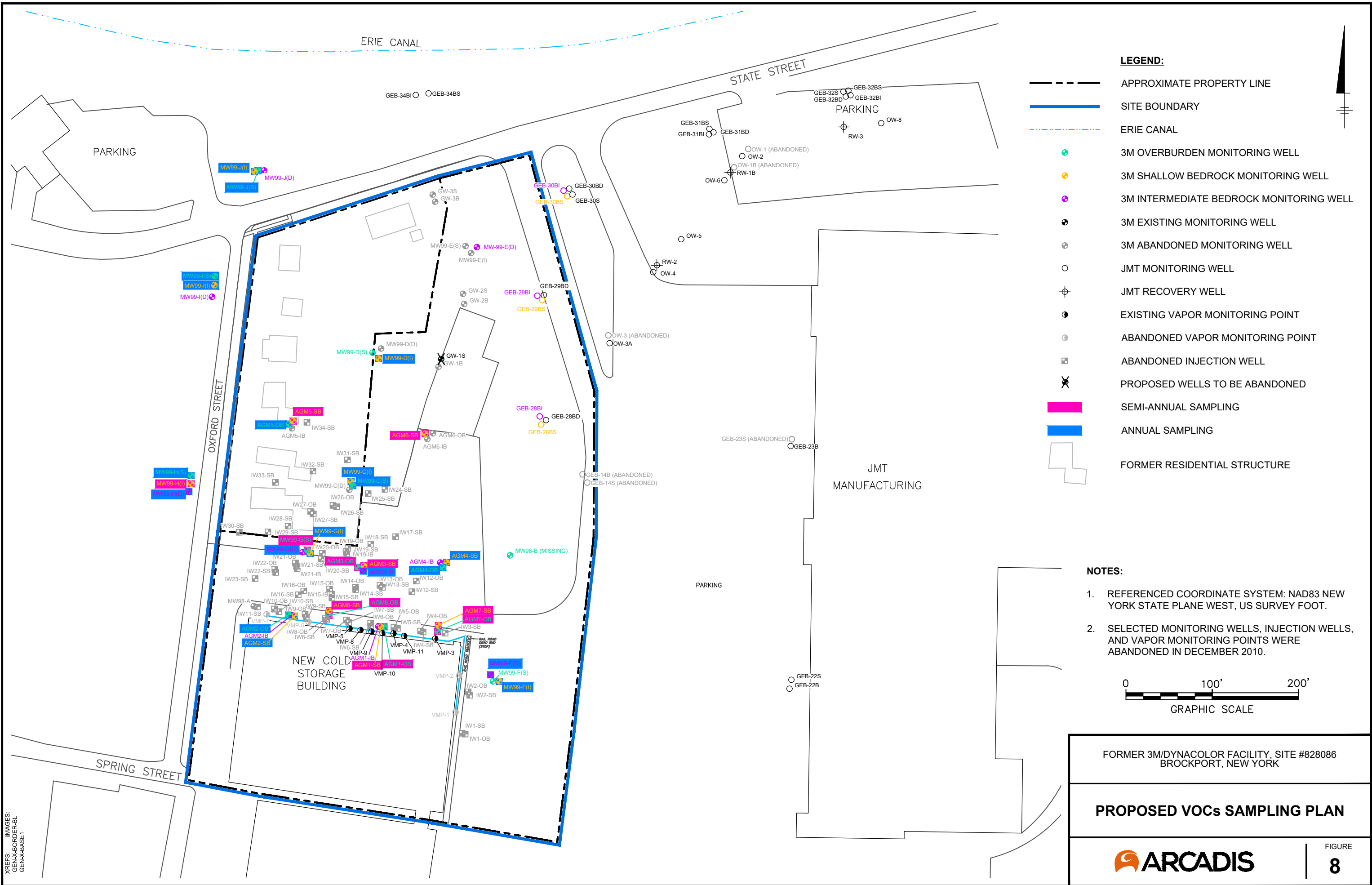


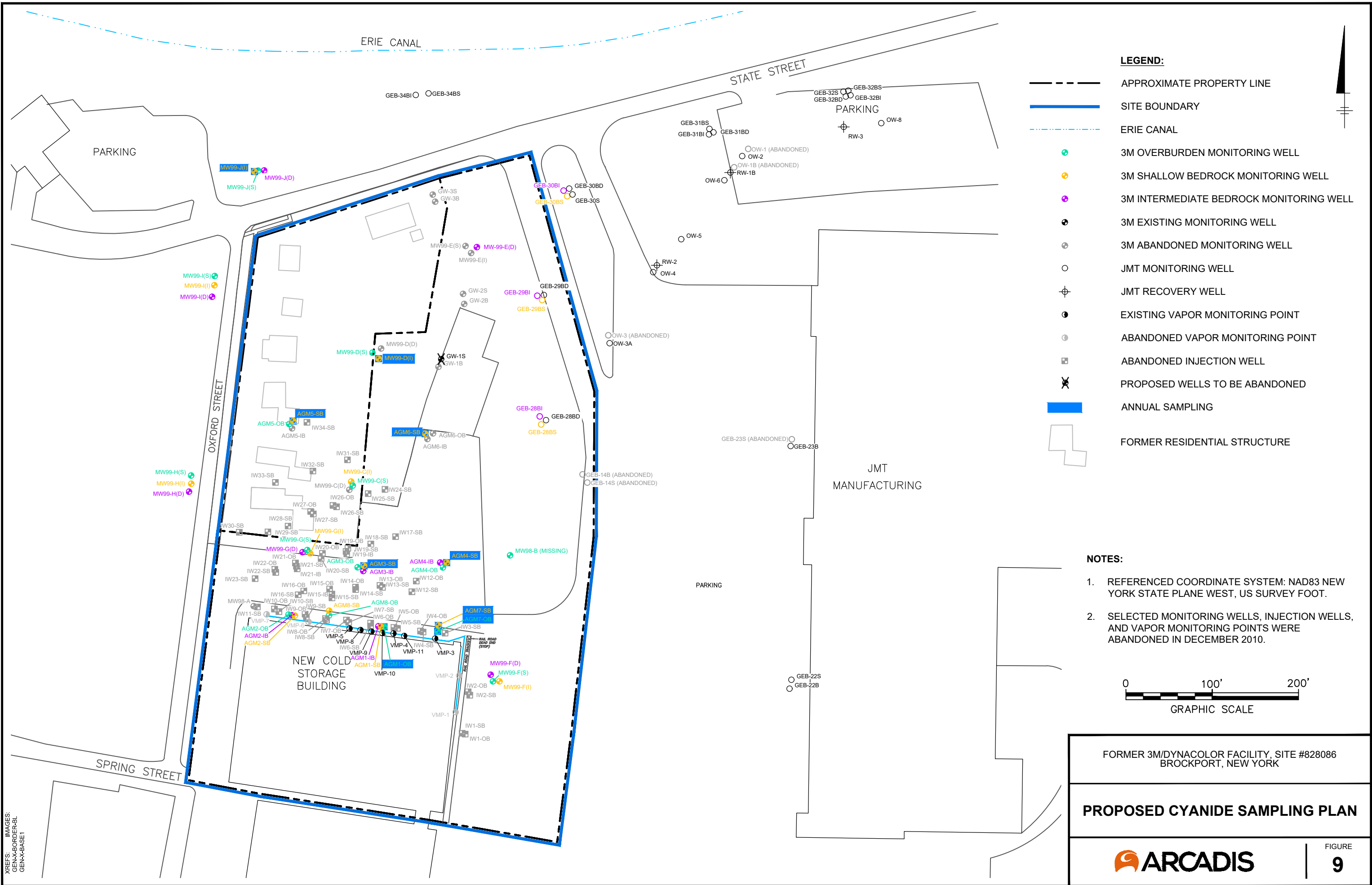
C:\Users\PPH\OneDrive\Documents\ArcGIS\ACC-US\ALUS-09999999-3M_BROCKPORT_NY\Project Files\10_WIP\107_ARC_ENV\2024\1-DWG\PRR2023-F06-CYANIDE.DAT\BOXY-2023.dwg LAYOUT: 6 SAVED: 2/29/2024 1:25 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/29/2024 1:25 PM BY: HALLIWELL, TRISH

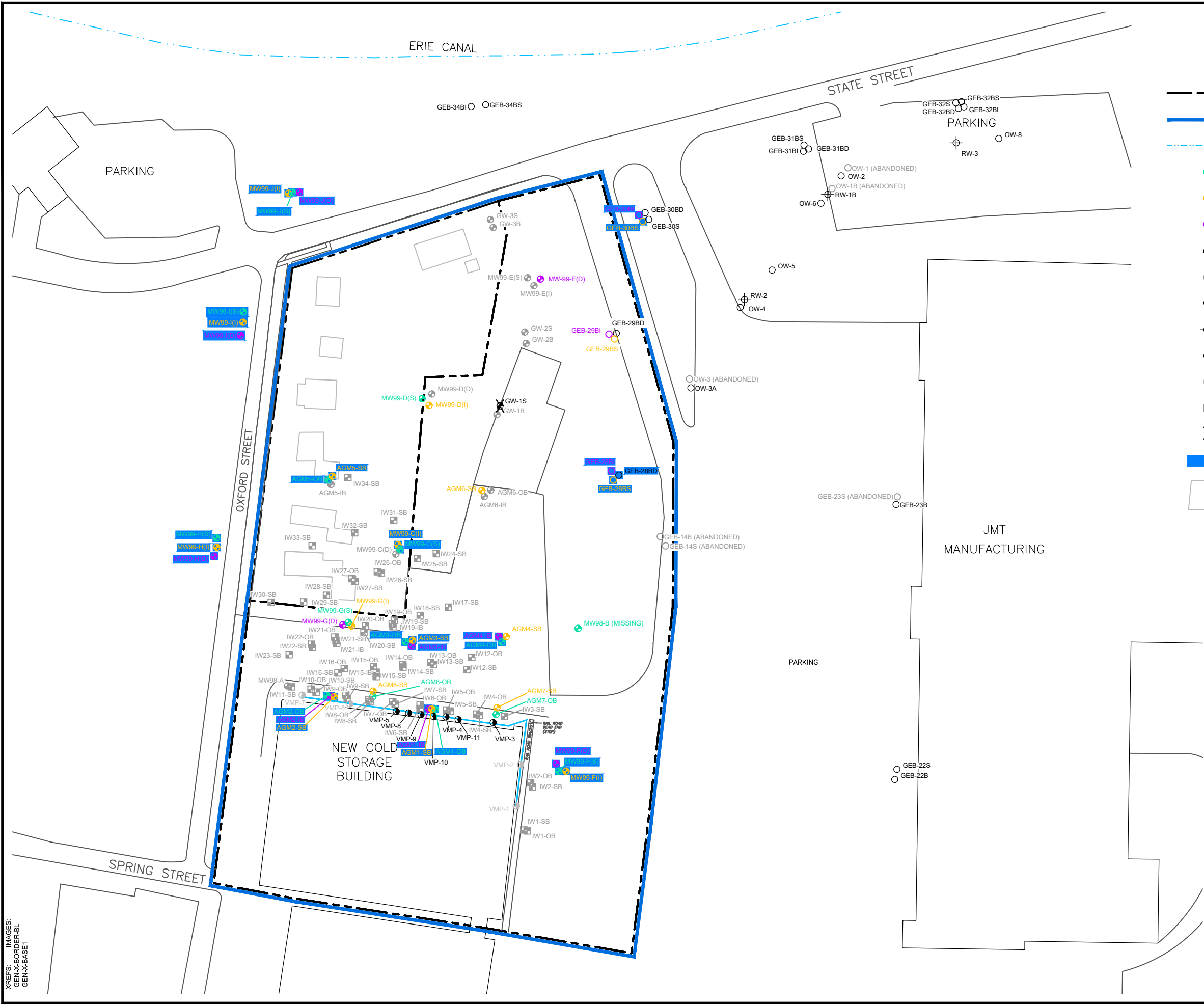
IMAGES: GEN-X-BROCKPORT Logo.png GEN-X-BASE1









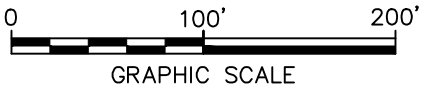


LEGEND:

- APPROXIMATE PROPERTY LINE
- SITE BOUNDARY
- ERIE CANAL
- 3M OVERBURDEN MONITORING WELL
- 3M SHALLOW BEDROCK MONITORING WELL
- 3M INTERMEDIATE BEDROCK MONITORING WELL
- 3M EXISTING MONITORING WELL
- 3M ABANDONED MONITORING WELL
- JMT MONITORING WELL
- JMT RECOVERY WELL
- EXISTING VAPOR MONITORING POINT
- ABANDONED VAPOR MONITORING POINT
- ABANDONED INJECTION WELL
- PROPOSED WELLS TO BE ABANDONED
- ANNUAL SAMPLING
- FORMER RESIDENTIAL STRUCTURE

NOTES:

- REFERENCED COORDINATE SYSTEM: NAD83 NEW YORK STATE PLANE WEST, US SURVEY FOOT.
- SELECTED MONITORING WELLS, INJECTION WELLS, AND VAPOR MONITORING POINTS WERE ABANDONED IN DECEMBER 2010.



FORMER 3M/DYNACOLOR FACILITY, SITE #828086
BROCKPORT, NEW YORK

**PROPOSED 1,4-DIOXANE SAMPLING
PLAN**



Appendix A

Institutional and Engineering Controls Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **828066**

Site Name **Former 3M/Dynacolor Plant**

Site Address: 180 STATE STREET Zip Code: 14420
City/Town: Brockport
County: Monroe
Site Acreage: 5.500

Reporting Period: January 30, 2023 to January 30, 2024

YES NO

1. Is the information above correct? ☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐
Commercial and Industrial

7. Are all ICs in place and functioning as designed? ☒ ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional ControlsParcelOwnerInstitutional Control**069.13-05-001**

Allens, Inc.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-002

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-003

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-004

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-005

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-006

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of

groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

069.13-05-007

Minnesota Mining and Mfg. Co.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

In accordance with the requirements of the Declaration of Covenants and Restrictions filed with the Monroe County Clerk's Office on 12/8/06 and the 10/28/04 Site Management Plan (including any subsequent amendments), the controls include: Property shall be prohibited from being used for purposes other than for industrial or restricted commercial uses, excluding day care, child care and medical care. The use of groundwater underlying the Property is prohibited without treatment rendering it safe for drinking water or industrial purposes. These Restrictions shall run with the land and shall be binding upon all future owners.

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 828066

Box 6

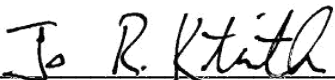
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I James R. Kotsmith at 3M Center, Building 225-1-N-22, St. Paul, MN 55114,
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

 02/28/24
Signature of Owner, Remedial Party, or Designated Representative Date
Rendering Certification

Appendix B

Laboratory Analytical Reports and Electronic Data Deliverables

All files are provided on disk.

Appendix C

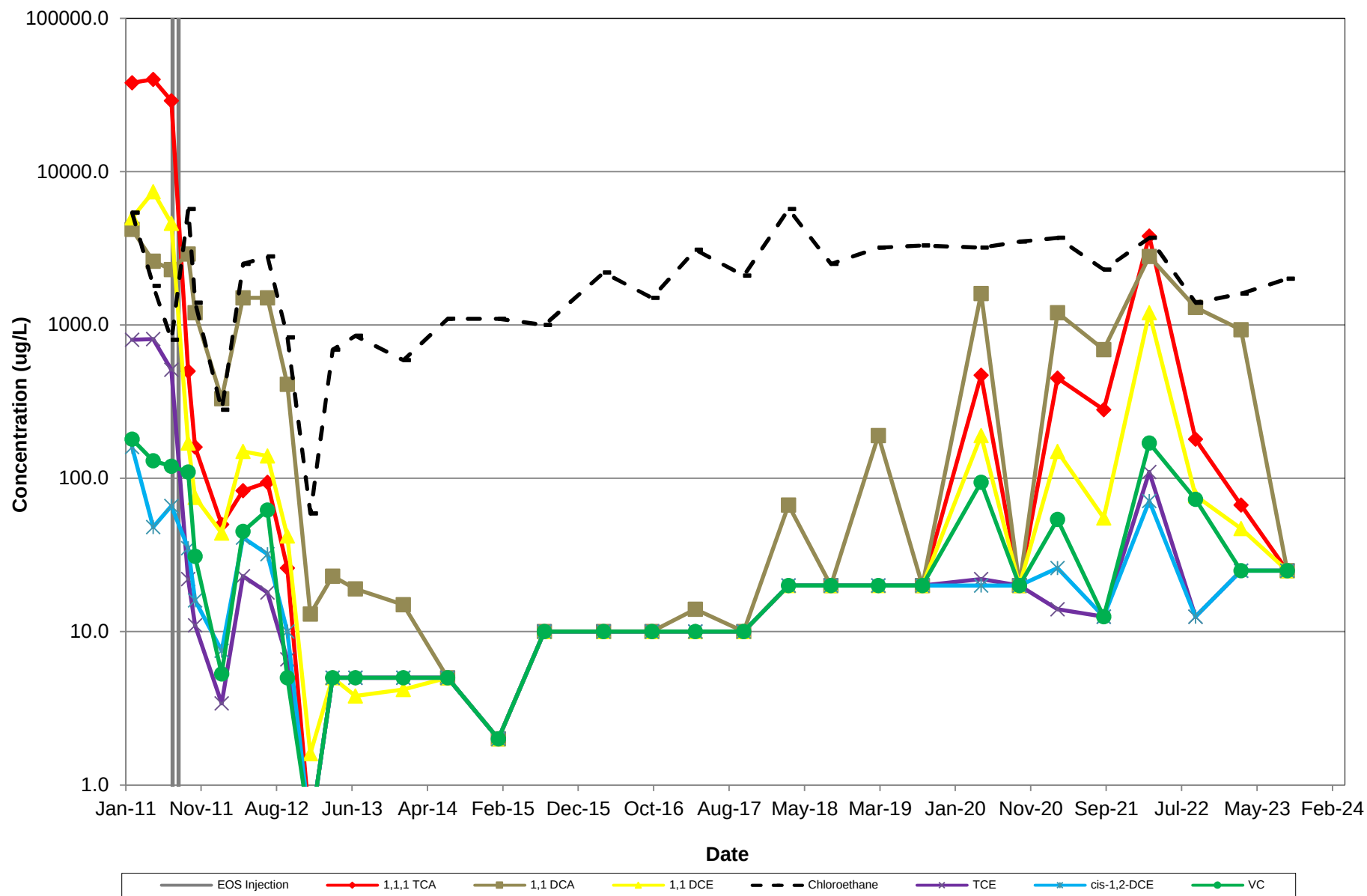
Data Usability Summary Reports

All files are provided on disk.

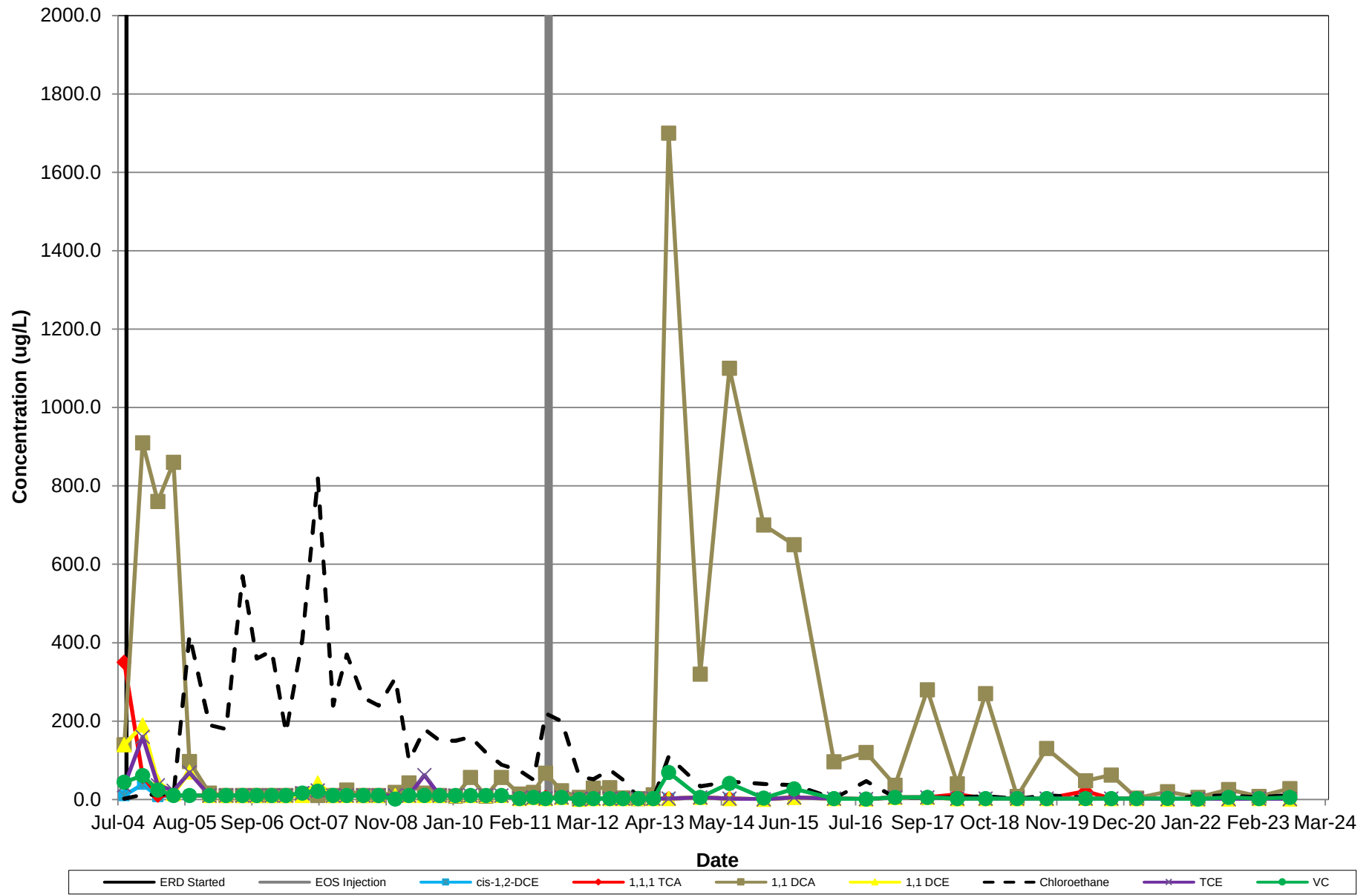
Appendix D

Trend Analysis

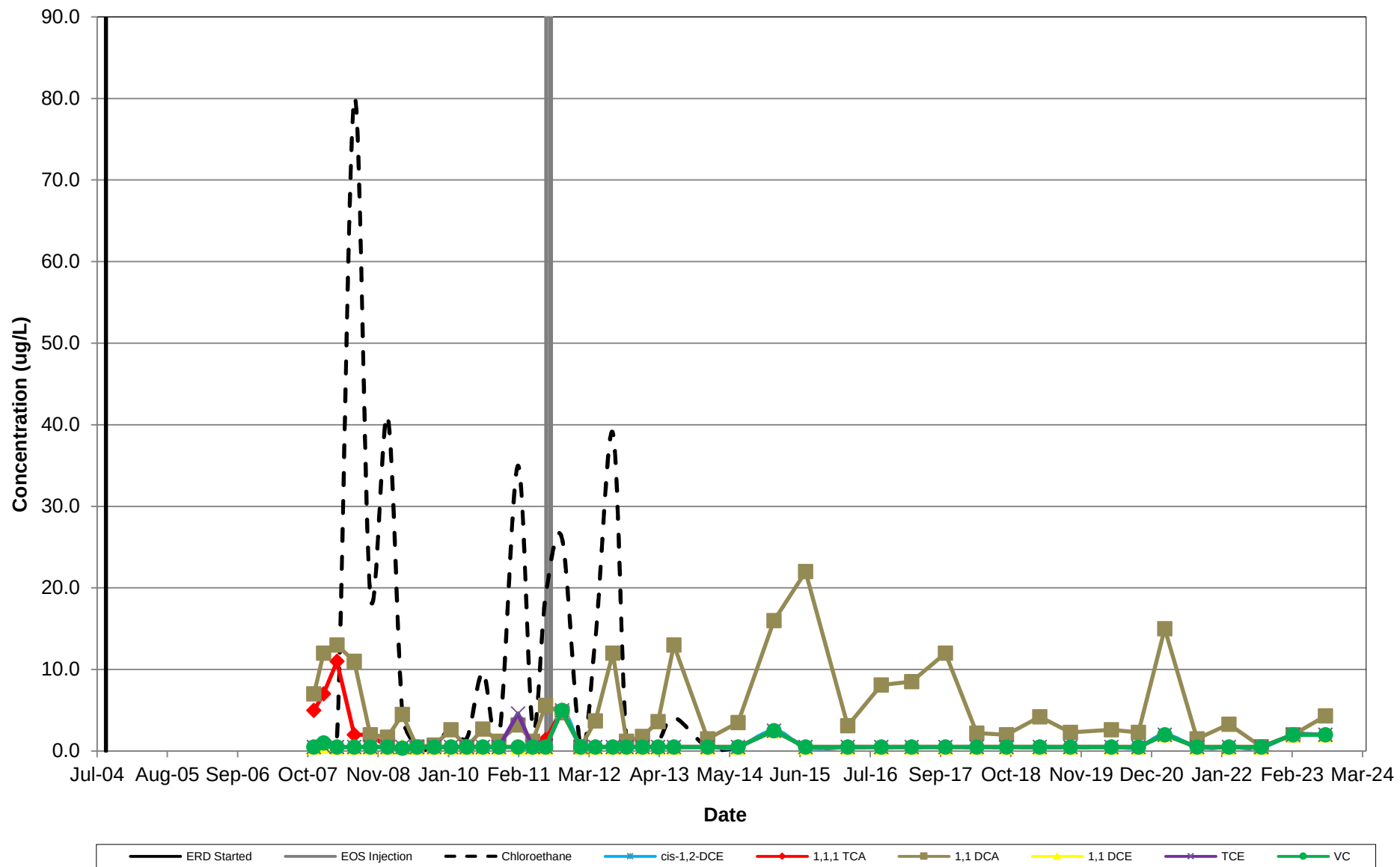
AGM1-OB VOCs: Concentration vs. Time



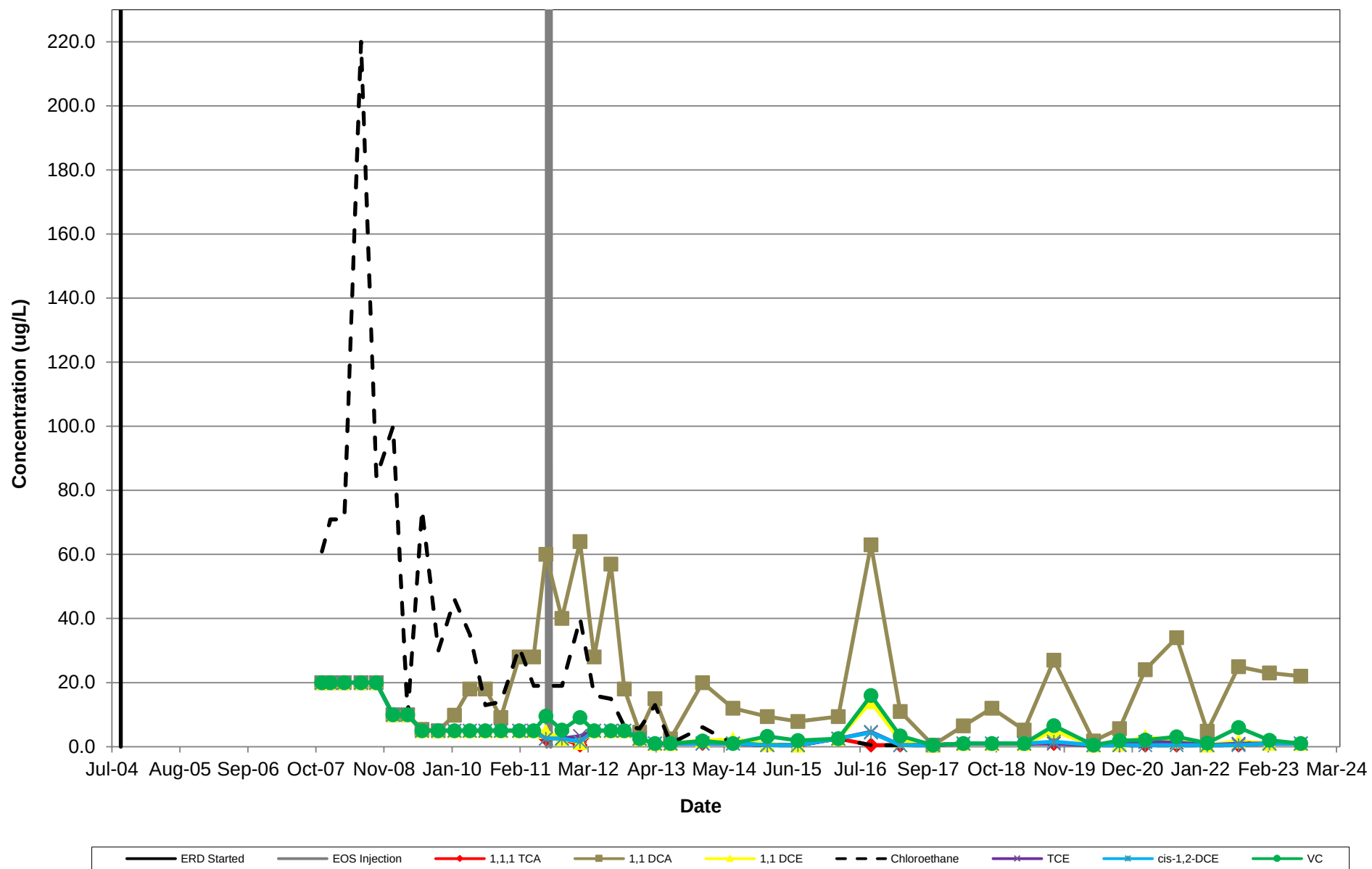
AGM3-OB
VOCs: Concentration vs. Time



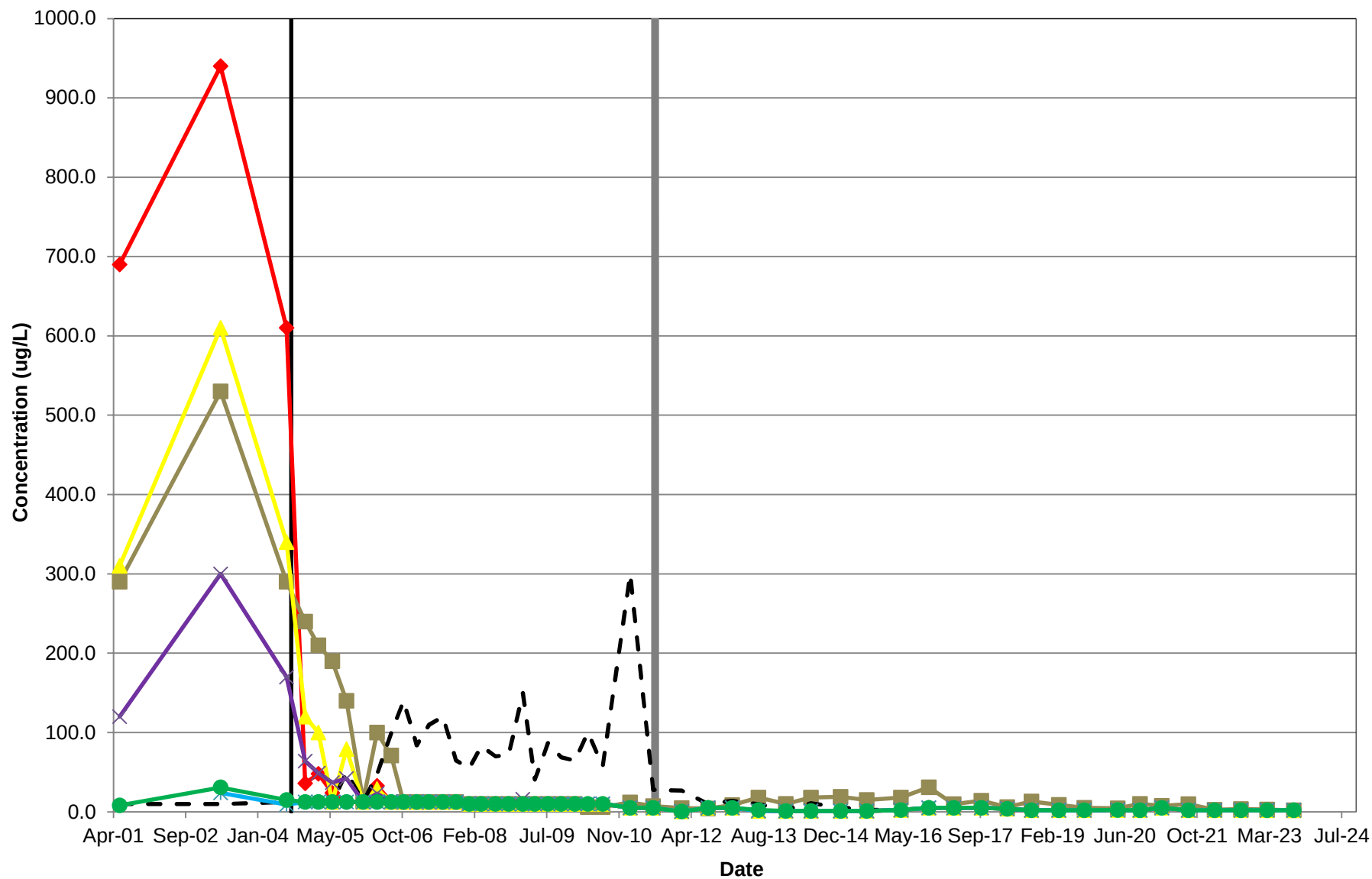
AGM7-OB
VOCs: Concentration vs. Time



AGM8-OB
VOCs: Concentration vs. Time

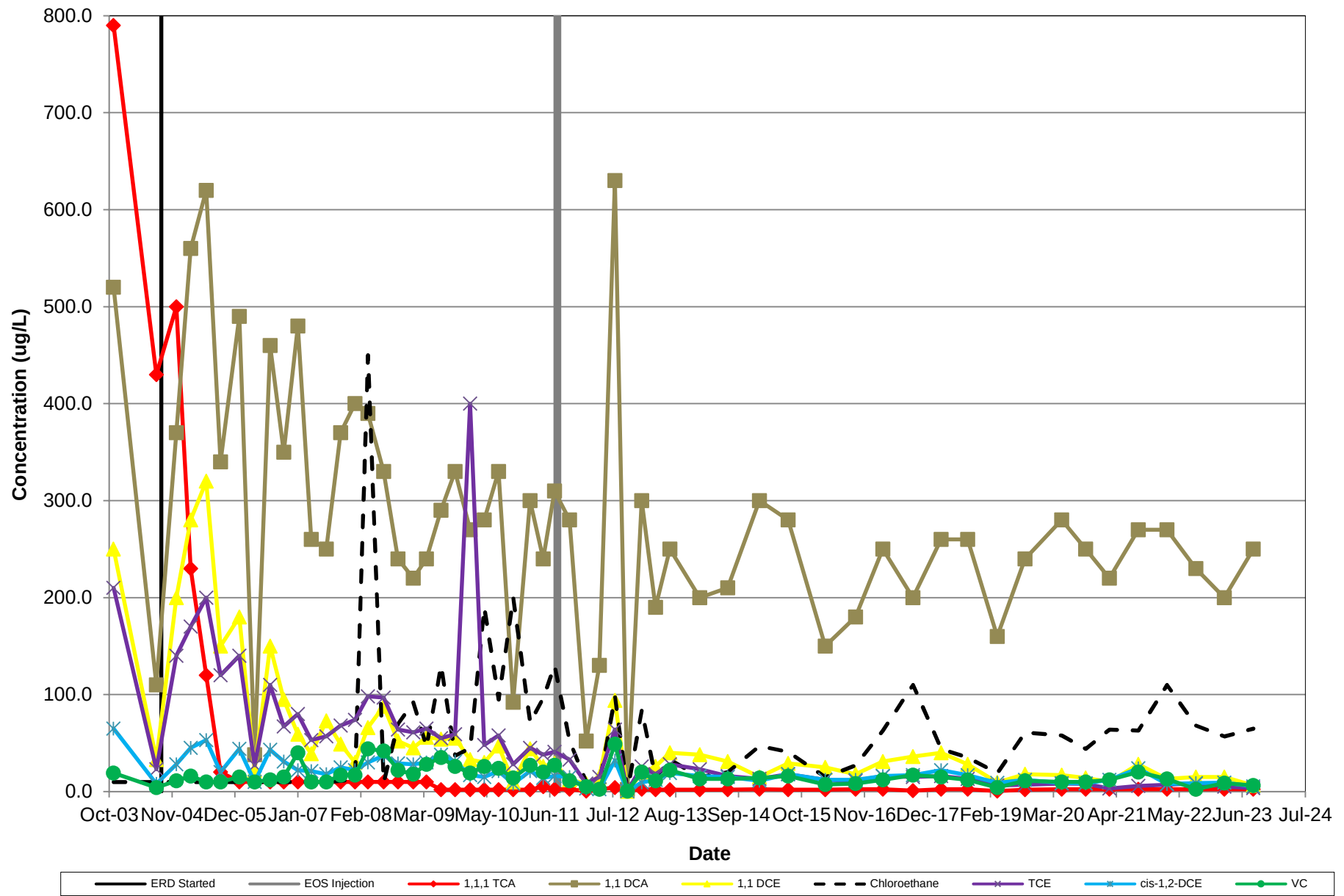


MW-99G(S)
VOCs: Concentration vs. Time

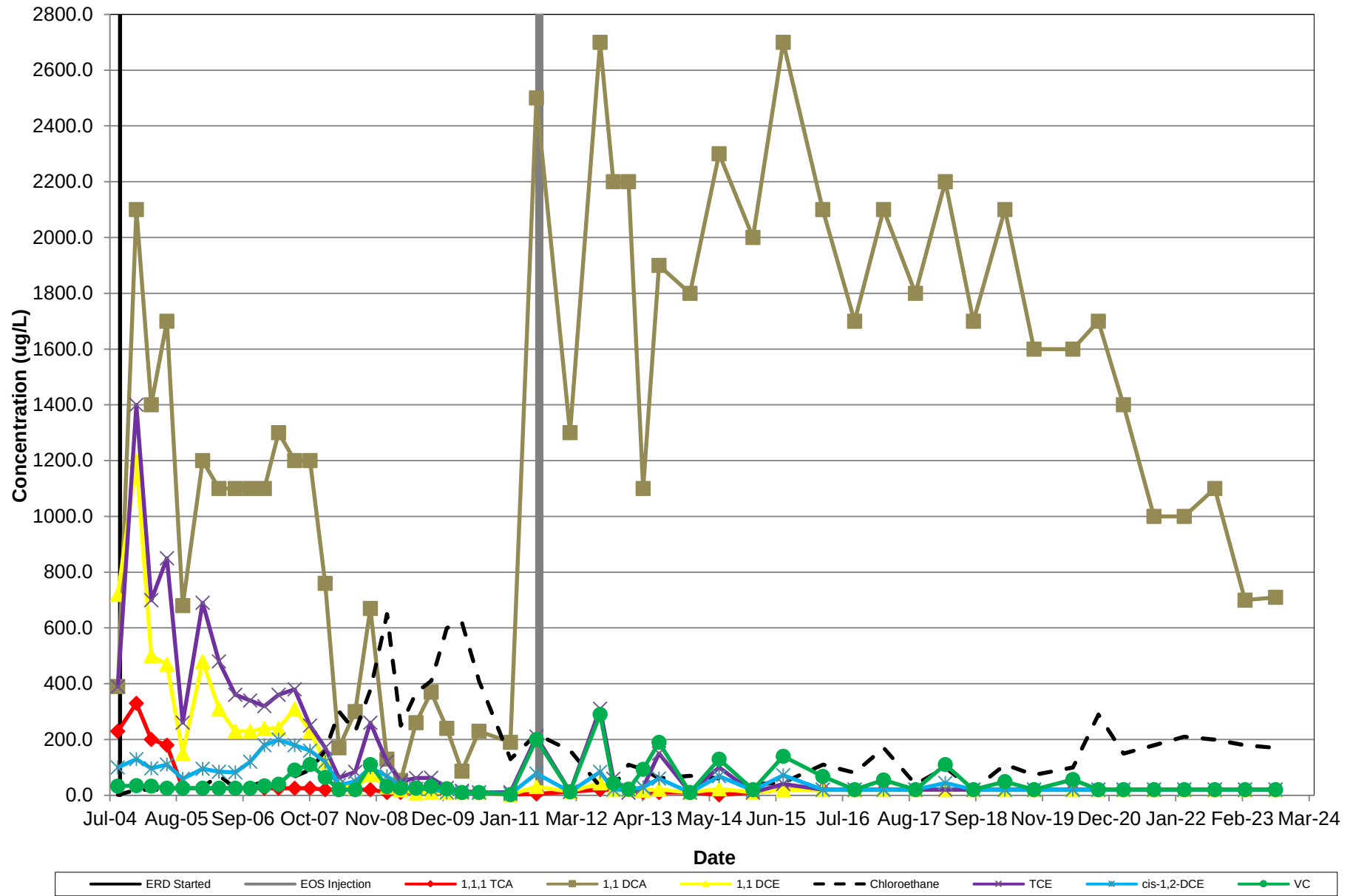


ERD Started EOS Injection 1,1,1 TCA 1,1 DCA 1,1 DCE Chloroethane TCE cis-1,2-DCE VC

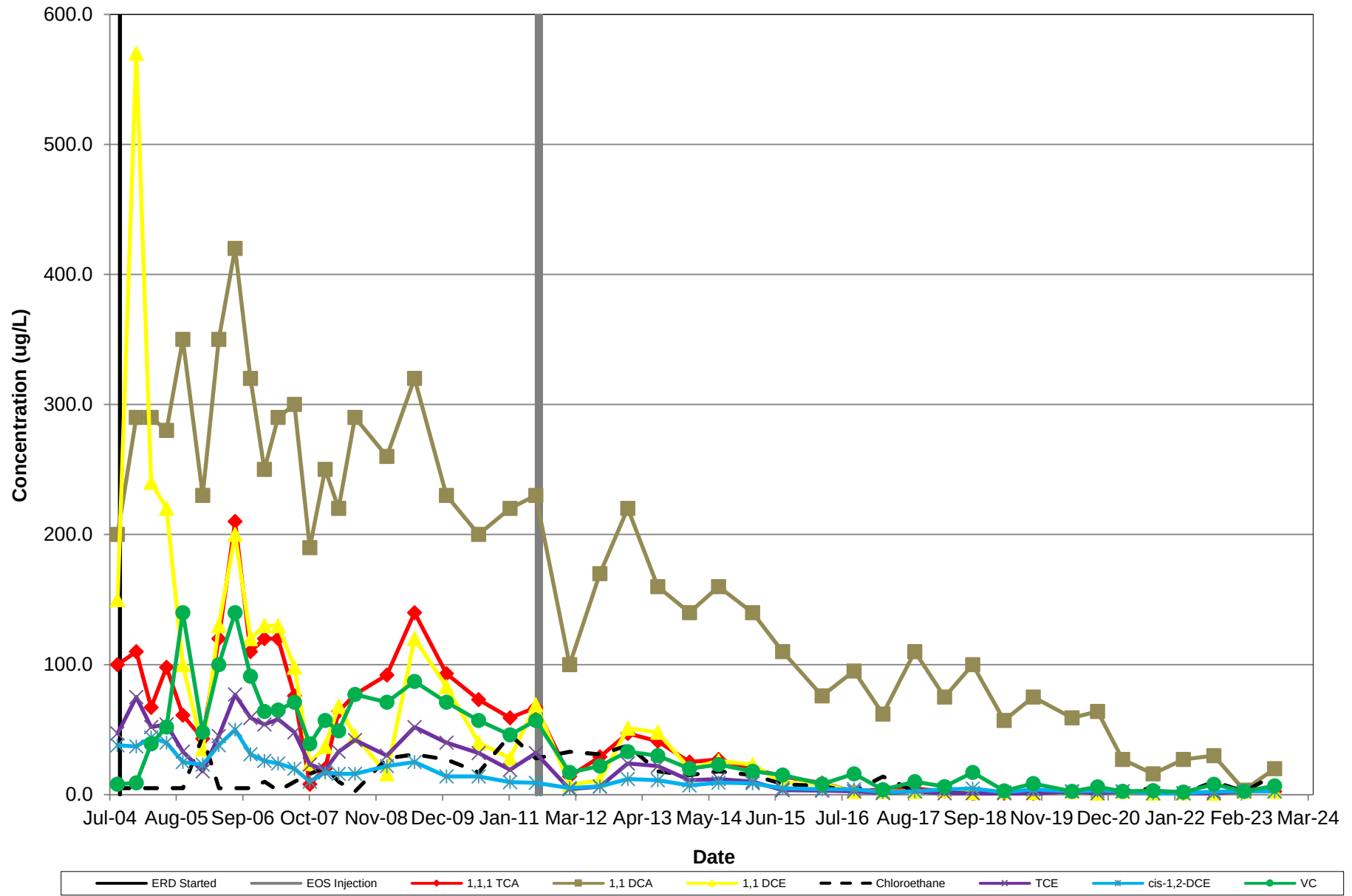
AGM1-SB
VOCs: Concentration vs. Time



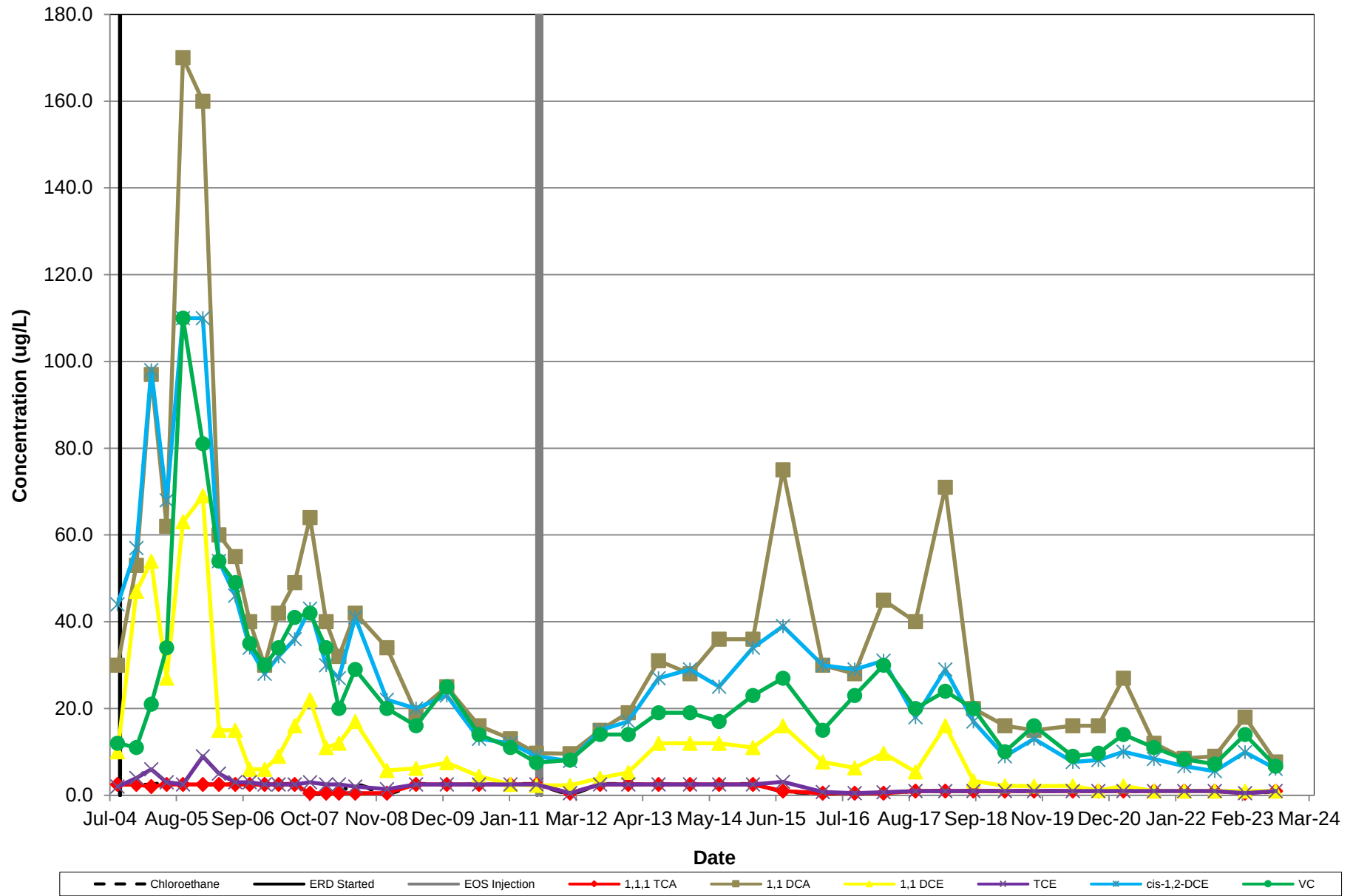
AGM3-SB
VOCs: Concentration vs. Time



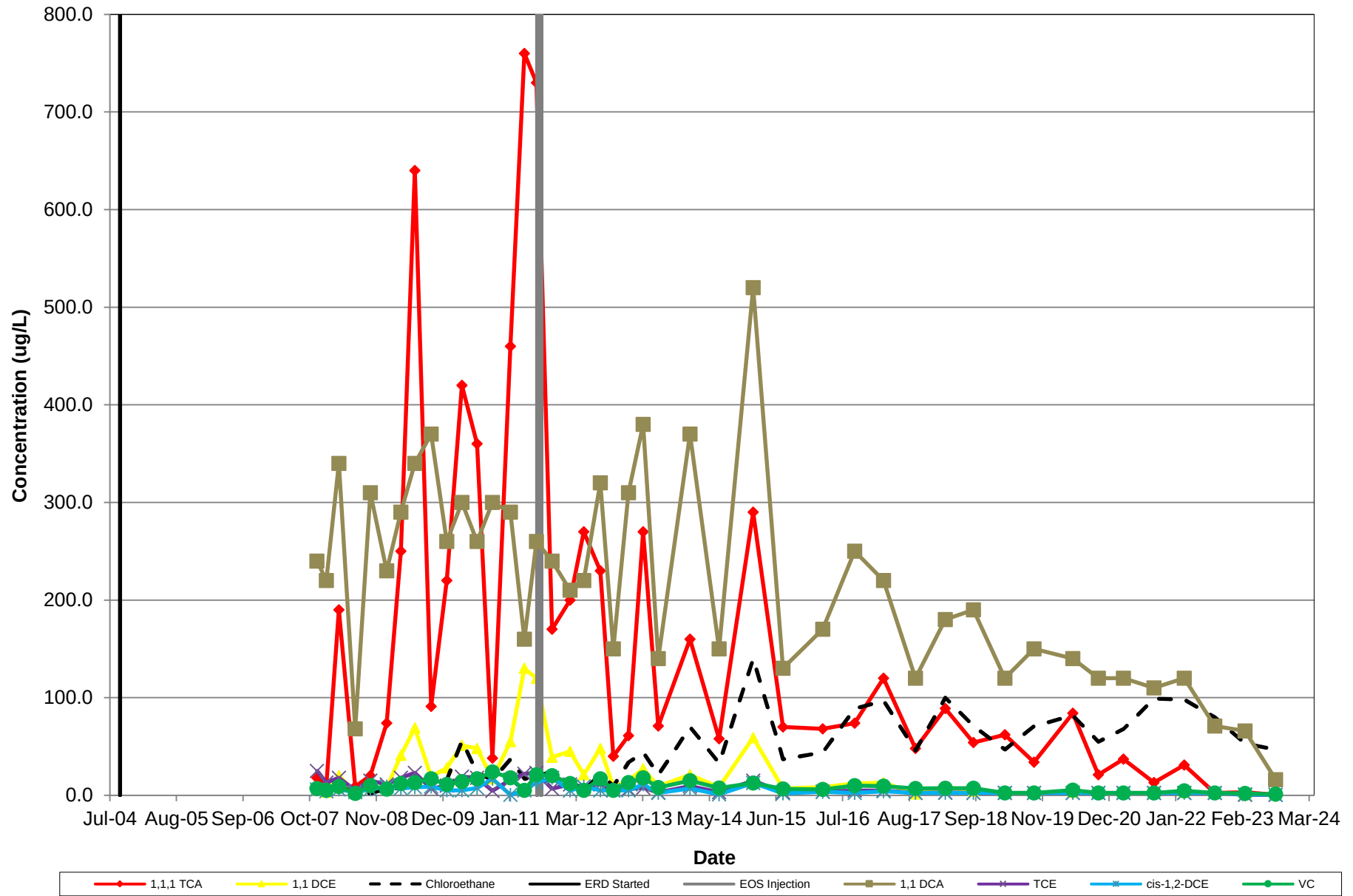
AGM5-SB
VOCs: Concentration vs. Time



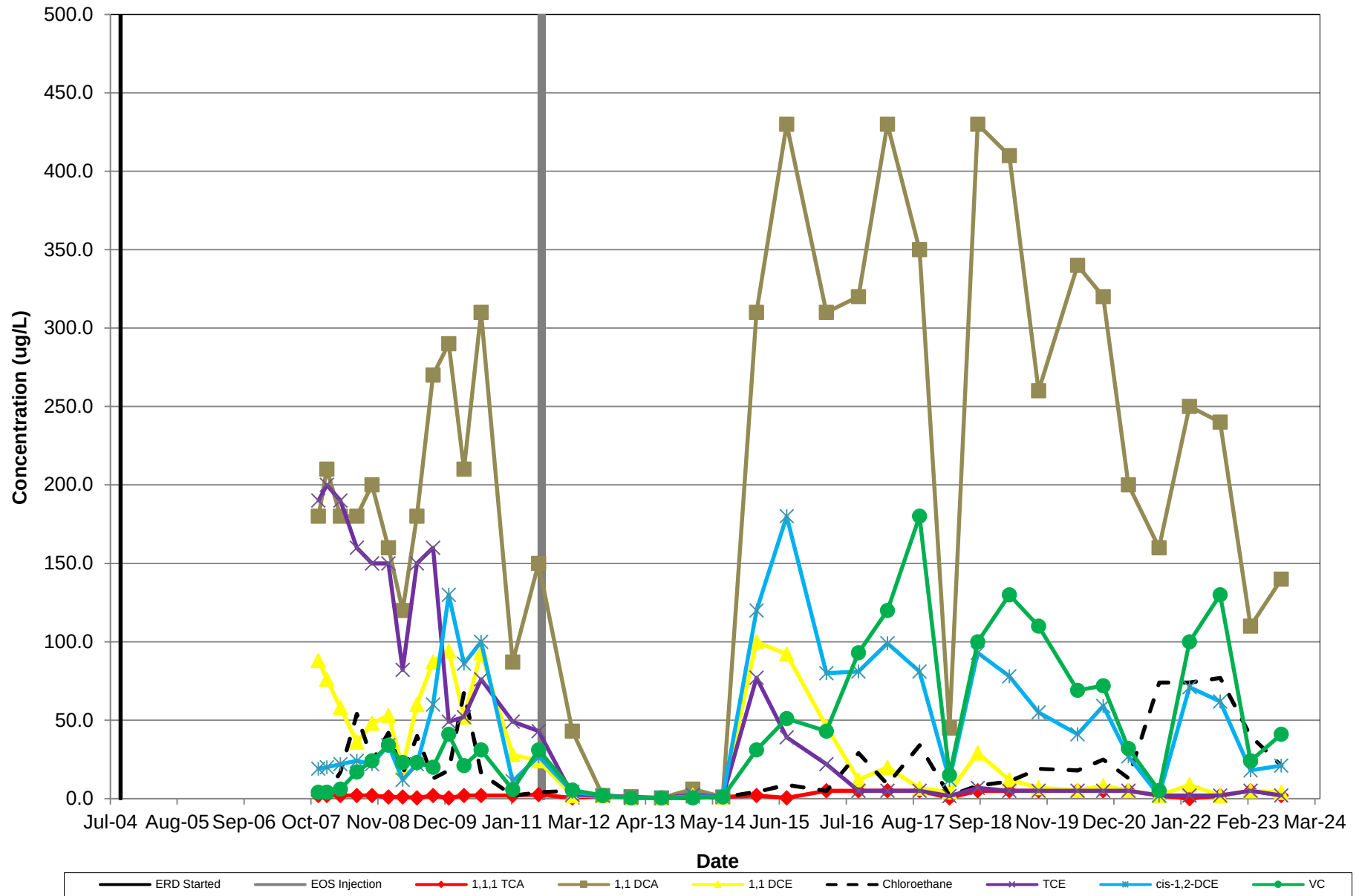
AGM6-SB
VOCs: Concentration vs. Time



AGM7-SB
VOCs: Concentration vs. Time



AGM8-SB
VOCs: Concentration vs. Time



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