**January 2022 Monthly Progress Report**
Enclave on 241st Street Development
714 East 241st Street, Bronx, New York
Brownfield Cleanup Program Site #: C203077

## 1. Introduction

In accordance with Article XI – Progress Reports of the Brownfield Cleanup Agreement (BCA) for the above-referenced site, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) prepared this monthly progress report, on behalf of Enclave on 241 Street, LLC ("Volunteer"), to summarize the work performed at 714 East 241st Street in the Wakefield section of the Bronx, New York (the "Site") during January 2022.

The Volunteer originally entered into a BCA with NYSDEC on 17 August 2015 to investigate and remediate the approximate 24,060-square-foot site (Block 5087, Lot 1). Following completion of the Remedial Investigation Report (dated April 2016) and Remedial Action Work Plan (dated March 2016), a Decision Document was issued for the Subject Property on 31 March 2016. In a letter and Brownfield Cleanup Program Application to Amend Brownfield Cleanup Agreement and Amendment (dated 17 July 2016), the Volunteer requested the BCA be amended to include an adjacent 2,630-square-foot lot located at 4637 Furman Avenue (Block 5087, Lot 9) as this will be included in the proposed development. The amendment request was approved by NYSDEC on 18 October 2016.

The Site (Block 5087, Lots 1 and 9) encompasses approximately 26,690 square feet and includes approximately 100 feet of frontage along White Plains Road, 185 feet of frontage along 241st Street, and 171 feet of frontage along Furman Avenue. The New York City Transit Authority (NYCTA) #2 rail corridor and station platform are allocated above grade along the northwestern property line. Prior to demolition activities, the Site contained four buildings including an approximate 1,086-square-foot one-story office building with basement, an approximate 3,375-square foot one-story former auto body shop building, an approximate 1,500-square foot one-story former auto body shop building, and an approximate 2,400-square foot, two-story residential building with a basement. The Site also contains asphalt- and concrete-paved exterior driving/parking areas and sparsely vegetated undeveloped area. The Site is subject to NYSDEC review under the Spills Program (Spill No. 12-14956).

A Site Location Map is attached to this progress report as Attachment 1.

## 2. Remedial Actions Relative to the Site during this Reporting Period

None in this period other than the third round of post-remediation groundwater sampling (see below).

## 3. Actions Relative to the Site Anticipated for the Next Reporting Period

None.

## 4. Approved Activity Modifications (changes of work scope and/or schedule)

None in this period.

## 5. Results of Sampling, Testing and Other Relevant Data

Langan's third round of post-remediation groundwater sampling was conducted on 17 and 18 January 2022. Groundwater samples were collected from monitoring wells MW-7B, MW-08B, MW-29, MW-40, MW-40D, MW-41, MW-41D, MW-42, MW-42D and MW-43 for analysis of volatile organic compounds (VOC), semivolatile organic compounds (SVOC), target analyte list (TAL) metals (filtered and unfiltered), total alkalinity and sulfate. The groundwater analytical results are included as Attachment 3.

## 6. Deliverables Submitted During This Reporting Period

None in this period.

## 7. Information Regarding Percentage of Completion

Approximately 16%

## 8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None in this period.

## 9. Community Participation (CP) Plan Activities during This Reporting Period

None in this period.

## 10. Activities Anticipated in Support of the CP Plan for the Next Reporting Period

None in this period.

## 11. Miscellaneous Information

None in this period.

Enclosed:

Attachment 1 – Site Location Map
Attachment 2 – Site Layout Map
Attachment 3 – Third Round of Post-Injection Groundwater Analytical Results

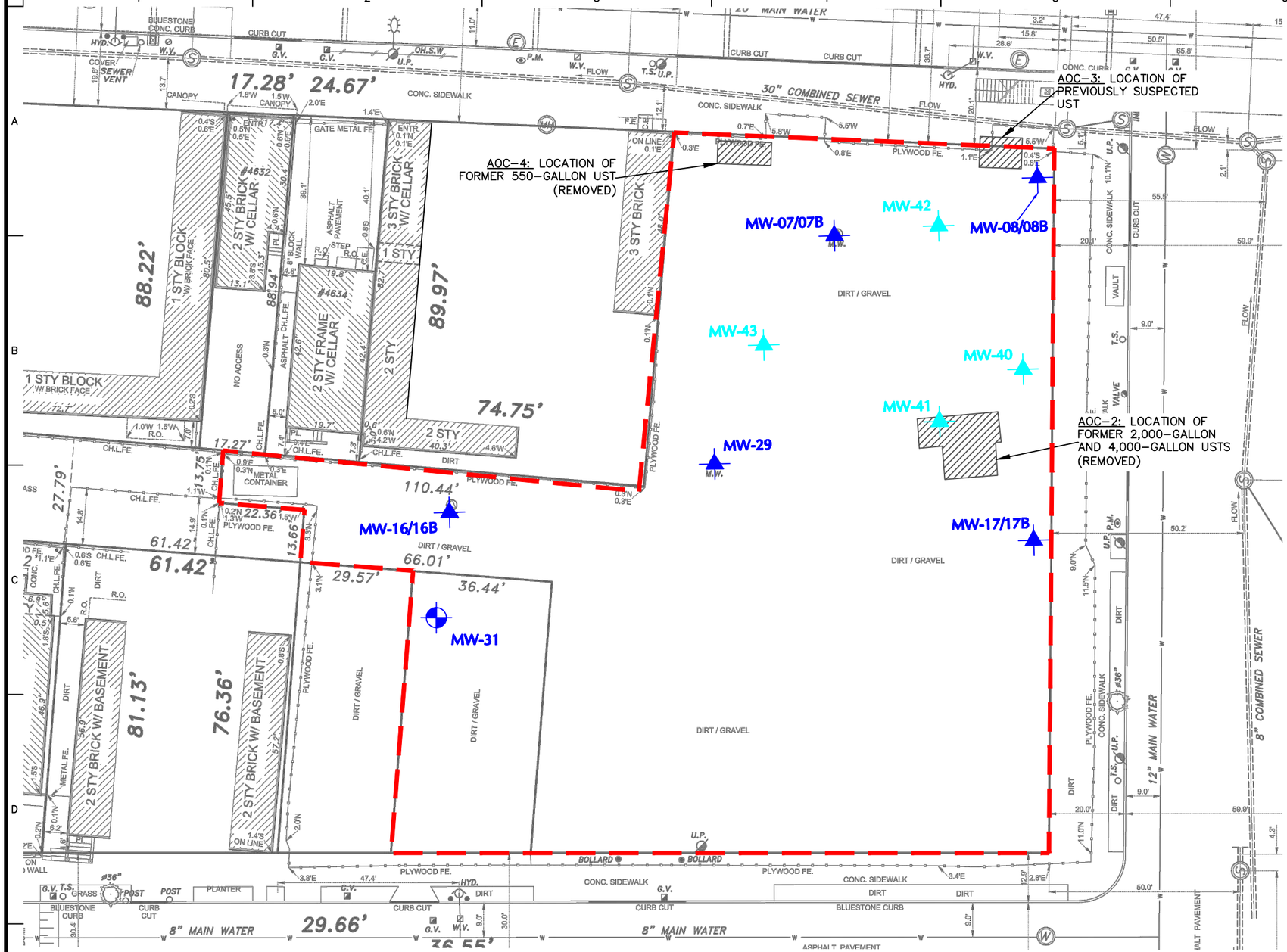
# ATTACHMENT 1


# SITE LOCATION MAP

# C203077

# ENCLAVE ON 241ST STREET DEVELOPMENT

# ATTACHMENT 2




# NOTES

1. BASE MAP PROVIDED BY PERFECT POINT LAND SURVEYING RT (DATED 4 APRIL 2019).
2. THIS PLAN SHOULD BE VIEWED AS A COLOR COPY AS THE BORING LOCATIONS AND BOUNDARIES ARE COLOR COORDINATED.

# LEGEND

- SITE BOUNDARY
- EXISTING GROUNDWATER MONITORING WELL
- NEWLY INSTALLED GROUNDWATER MONITORING WELL – INSTALLED JULY 2020

30 0 15 30

SCALE IN FEET


**LANGAN**

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

555 Long Wharf Drive
New Haven, CT 06511

T: 203.562.5771 F: 203.789.6142 www.langan.com


Project

**ENCLAVE ON 241ST STREET DEVELOPMENT**

NEW YORK

BRONX NEW YORK

Drawing Title

**SITE LAYOUT MAP**

| | |
|---|---|
| Project No. | 140115301 |
| Date | AUGUST 2020 |
| Drawn By | KT |
| Checked By | RJW |

Drawing No. **2**

Sheet 2 of 2



Filename: \\langan.com\data\NH\data3\140115301\Cadd Data - 140115301\SheetFiles\2019.11 Monthly Report\140115301-GI001-0101_MonthlyReport.dwg Date: 8/14/2020 Time: 10:42 User: ktwombly Style Table: Langan.stb Layout: ANSIB-BL

**Attachment 3**
**3rd Round of Post-Injection Sampling Analytical Results Summary**
**714 East 214th Street, Bronx, NY**
**Langan Project No.: 140115301**

| Sample Location | NYSDEC TOGS Standards and Guidance Values - GA | MW-7B | | MW-08 | | MW-29 | | | | MW-40 | | MW-40D | | MW-41 | | MW-41D | | MW-42 | | MW-42D | | MW-43 | | Field Blank | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | | MW-7B_2022.01.18 | | MW-08_2022.01.18 | | MW-29_2022.01.17 | | DUP_2022.01.17 | | MW-40_2022.01.18 | | MW-40D_2022.01.17 | | MW-41_2022.01.18 | | MW-41D_2022.01.18 | | MW-42_2022.01.17 | | MW-42D_2022.01.17 | | MW-43_2022.01.17 | | Filed Blank_2022.01.17 | |
| Sampling Date | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/18/2022 | | 1/17/2022 | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | |
| **Compound** | | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q |
| **VOCs (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 1 | | 1 | | 1 | | 1 | | 100 | | 100 | | 100 | | 100 | | 200 | | 100 | | 1 | | 1 | |
| 1,1,1,2-Tetrachloroethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1,1-Trichloroethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1,2,2-Tetrachloroethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1,2-Trichloroethane | 1 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1-Dichloroethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,1-Dichloroethylene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,2,3-Trichlorobenzene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,2,3-Trichloropropane | 0.04 | *0.2* | U | *0.2* | U | *0.2* | U | *0.2* | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | *0.2* | U | *0.2* | U |
| 1,2,4-Trichlorobenzene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,2,4-Trimethylbenzene | 5 | 0.2 | U | **10.6** | | 0.2 | U | 0.28 | J | **873** | D | **795** | D | **534** | D | **1,350** | D | **1,400** | D | **814** | D | 0.73 | | 0.2 | U |
| 1,2-Dibromo-3-chloropropane | 0.04 | *0.2* | U | *0.2* | U | *0.2* | U | *0.2* | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | *0.2* | U | *0.2* | U |
| 1,2-Dibromoethane | 0.0006 | *0.2* | U | *0.2* | U | *0.2* | U | *0.2* | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | *0.2* | U | *0.2* | U |
| 1,2-Dichlorobenzene | 3 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,2-Dichloroethane | 0.6 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,2-Dichloropropane | 1 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,3,5-Trimethylbenzene | 5 | 0.2 | U | **9.76** | | 0.3 | J | 0.32 | J | **231** | D | **259** | D | **144** | D | **354** | D | **444** | D | **225** | D | 0.2 | U | 0.2 | U |
| 1,3-Dichlorobenzene | 3 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 1,4-Dichlorobenzene | 3 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| 2-Butanone | 50 | 4.14 | | 0.2 | U | 0.2 | U | 0.2 | U | **680** | D | 5 | U | **207** | D | 20 | U | 5 | U | **248** | D | 0.63 | | 0.2 | U |
| 2-Hexanone | 50 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 20 | U | 5 | U | 20 | U | 20 | U | 5 | U | 20 | U | 0.2 | U | 0.2 | U |
| 4-Methyl-2-pentanone | ~ | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 20 | U | 5 | U | 20 | U | 20 | U | 5 | U | 20 | U | 0.2 | U | 0.2 | U |
| Acetone | 50 | **56.6** | | 5.68 | | 1.19 | J | 1.46 | J | **1,300** | D | **133** | D | **503** | D | **452** | D | **224** | D | **398** | D | 1.47 | J | 1 | U |
| Benzene | 1 | 0.2 | U | **3.26** | | 0.2 | U | 0.84 | | **1,360** | D | **4,540** | D | **426** | D | **5,780** | D | **8,760** | D | **1,680** | D | 0.29 | J | 0.2 | U |
| Bromochloromethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Bromoform | 50 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 20 | U | 5 | U | 20 | U | 20 | U | 5 | U | 20 | U | 0.2 | U | 0.2 | U |
| Bromomethane | 5 | 0.24 | J | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Carbon disulfide | ~ | 0.2 | U | 0.3 | J | 0.2 | U | 0.2 | U | 20 | U | 5 | U | 20 | U | 20 | U | 5 | U | 20 | U | 0.2 | U | 0.2 | U |
| Carbon tetrachloride | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Chlorobenzene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Chloroethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Chloroform | 7 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Chloromethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | **179** | D | 5 | U | **85** | D | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| cis-1,2-Dichloroethylene | 5 | 0.2 | U | 0.2 | U | 2.6 | | 2.54 | | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| cis-1,3-Dichloropropylene | 0.4 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| Cyclohexane | ~ | 0.2 | U | 4.07 | | 0.87 | | 0.82 | | 88 | D | 242 | D | 79 | D | 188 | D | 78 | D | 147 | D | 0.2 | U | 0.2 | U |
| Dichlorodifluoromethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Ethyl Benzene | 5 | 0.2 | U | 1.29 | | 1.15 | | 1.31 | | **750** | D | **1,450** | D | **567** | D | **1,540** | D | **1,100** | D | **754** | D | 0.23 | J | 0.2 | U |
| Hexachlorobutadiene | 0.5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| Isopropylbenzene | 5 | 0.2 | U | 0.58 | | 0.85 | | 0.88 | | **45** | JD | **60.200** | D | **20** | JD | **55** | D | **70.800** | D | **37** | JD | 0.2 | U | 0.2 | U |
| Methyl acetate | ~ | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 20 | U | 5 | U | 20 | U | 20 | U | 5 | U | 20 | U | 0.2 | U | 0.2 | U |
| Methyl tert-butyl ether (MTBE) | 10 | 0.2 | U | 1.5 | | 0.2 | U | 0.29 | J | **54** | D | **2,500** | D | **389** | D | **7,980** | D | **247** | D | **218** | D | 0.2 | U | 0.2 | U |
| Methylcyclohexane | ~ | 0.2 | U | 5.32 | | 1.07 | | 0.98 | | 80 | D | 213 | D | 40 | JD | 121 | D | 125 | D | 123 | D | 0.2 | U | 0.2 | U |
| Methylene chloride | 5 | 1 | U | 1 | U | 1 | U | 1 | U | *100* | U | *25* | U | *100* | U | *100* | U | *25* | U | *100* | U | 1 | U | **5.1** | |
| n-Butylbenzene | 5 | 0.2 | U | 0.2 | U | 0.27 | J | 0.21 | J | *20* | U | 5 | JD | *20* | U | *20* | U | **17.800** | D | *20* | U | 0.2 | U | 0.2 | U |
| n-Propylbenzene | 5 | 0.2 | U | 1.16 | | 0.38 | J | 0.4 | J | **113** | D | **139** | D | **67** | D | **169** | D | **190** | D | **118** | D | 0.2 | U | 0.2 | U |
| o-Xylene | 5 | 0.2 | U | 2.22 | | 1.6 | | 1.86 | | **1,570** | D | **528** | D | **1,380** | D | **2,910** | D | **2,700** | D | **1,650** | D | 0.51 | | 0.2 | U |
| p- & m- Xylenes | ~ | 0.5 | U | 12.2 | | 2.01 | | 2.46 | | 2,670 | D | 1,820 | D | 2,230 | D | 5,400 | D | 4,760 | D | 2,920 | D | 0.87 | J | 0.5 | U |
| p-Isopropyltoluene | 5 | 0.2 | U | 0.35 | J | 0.2 | U | 0.2 | U | *20* | U | **7,250** | JD | *20* | U | *20* | U | **9.250** | JD | *20* | U | 0.2 | U | 0.2 | U |
| sec-Butylbenzene | 5 | 0.2 | U | 0.29 | J | 0.65 | | 0.62 | | *20* | U | **7.750** | JD | *20* | U | *20* | U | **15** | D | *20* | U | 0.2 | U | 0.2 | U |
| Styrene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| tert-Butyl alcohol (TBA) | ~ | 0.5 | U | 0.5 | U | 0.5 | U | 0.5 | U | 50 | U | 12.500 | U | 50 | U | 50 | U | 12.500 | U | 50 | U | 0.5 | U | 0.5 | U |
| tert-Butylbenzene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Tetrachloroethylene | 5 | 0.66 | | 0.2 | U | 0.26 | J | 0.26 | J | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 2.35 | | 0.2 | U |
| Toluene | 5 | 0.2 | J | 1.39 | | 0.3 | J | 1.14 | | **4,430** | D | **1,050** | D | **2,270** | D | **8,680** | D | **12,900** | D | **5,630** | D | 0.95 | | 0.2 | U |
| trans-1,2-Dichloroethylene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| trans-1,3-Dichloropropylene | 0.4 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| Trichloroethylene | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | **39** | JD | 0.2 | U | 0.2 | U |
| Trichlorofluoromethane | 5 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | 5 | U | *20* | U | *20* | U | 5 | U | *20* | U | 0.2 | U | 0.2 | U |
| Vinyl Chloride | 2 | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | *20* | U | *5* | U | *20* | U | *20* | U | *5* | U | *20* | U | 0.2 | U | 0.2 | U |
| Xylenes, Total | 5 | 0.6 | U | **14.4** | | 3.61 | | 4.32 | | **4,240** | D | **2,340** | D | **3,620** | D | **8,310** | D | **7,460** | D | **4,570** | D | 1.38 | J | 0.6 | U |

**NOTES:**
Q = Qualifier column
~ = This indicates that no regulaory limit has been established for this analyte
B = Analyte found in the analysis batch blank
D = Result is from an analysis that required a dilution
J = Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT = This indicates the analyte was not a target for this sample
U = Analyte not detected at or above the level indicated
NYSDEC TOGS = New York State Department of Environmental Conservation Technical and Operational Guidance Series
µg/L = Microgram per liter

*Indicates a detection above reporting limits*
**Indicates an exceedance of NYSDEC TOGS Standards and Guidance Values - GA**

**Attachment 3**
**3rd Round of Post-Injection Sampling Analytical Results Summary**
**714 East 214th Street, Bronx, NY**
**Langan Project No.: 140115301**

| Sample Location | NYSDEC TOGS Standards and Guidance Values - GA | MW-7B | | MW-08 | | MW-29 | | | | MW-40 | | MW-40D | | MW-41 | | MW-41D | | MW-42 | | MW-42D | | MW-43 | | Field Blank | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | | MW-7B_2022.01.18 | | MW-08_2022.01.18 | | MW-29_2022.01.17 | | DUP_2022.01.17 | | MW-40_2022.01.18 | | MW-40D_2022.01.17 | | MW-41_2022.01.18 | | MW-41D_2022.01.18 | | MW-42_2022.01.17 | | MW-42D_2022.01.17 | | MW-43_2022.01.17 | | Filed Blank_2022.01.17 | |
| Sampling Date | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/18/2022 | | 1/17/2022 | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | |
| Compound | | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q |
| **SVOCs, Low Master (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 1 | | 1 | | 1 | | 1 | | 100 | | 10 | | 5 | | 10 | | 10 | | 1 | | 1 | | 1 | |
| 1,2-Dichlorobenzene | 3 | 2.5 | U | *3.03* | U | 2.56 | U | 2.5 | U | *3.12* | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| 1,3-Dichlorobenzene | 3 | 2.5 | U | *3.03* | U | 2.56 | U | 2.5 | U | *3.12* | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| 1,4-Dichlorobenzene | 3 | 2.5 | U | *3.03* | U | 2.56 | U | 2.5 | U | *3.12* | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| 2,4,5-Trichlorophenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | *2.56* | U | *2.5* | U | *2.5* | U | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 2,4,6-Trichlorophenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | *2.56* | U | *2.5* | U | *2.5* | U | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 2,4-Dimethylphenol | 50 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | **51.6** | D | 2.5 | U | **57.6** | D | 2.56 | U | 23.8 | | 2.5 | U | 2.5 | U |
| 2,6-Dinitrotoluene | 5 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| 2-Chlorophenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | *2.56* | U | *2.5* | U | *2.5* | U | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 2-Methylnaphthalene | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 223 | D | 26.3 | | 28.7 | | 37 | | 66.2 | D | 32.5 | | 2.5 | U | 2.5 | U |
| 2-Methylphenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | **45.9** | | **33.1** | | **33.2** | | **92.7** | D | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 2-Nitrophenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | *2.56* | U | *2.5* | U | *2.5* | U | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 3- & 4-Methylphenols | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *62.5* | U | **24.6** | | **31.2** | D | **107** | D | *2.56* | U | **25** | | *2.5* | U | *2.5* | U |
| 4-Chloro-3-methylphenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | *2.56* | U | *2.5* | U | *2.5* | U | *2.56* | U | *2.56* | U | *2.5* | U | *2.5* | U |
| 4-Chloroaniline | 5 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| 4-Nitrophenol | 1 | *5* | U | *6.06* | U | *5.13* | U | *5* | U | *6.25* | U | *5.13* | U | *5* | U | *5* | U | *5.13* | U | *5.13* | U | *5* | U | *5* | U |
| Acetophenone | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 1,250 | D | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Aniline | 5 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Benzaldehyde | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Benzoic acid | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 935 | D | 2.56 | U | 29.2 | | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Benzyl alcohol | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 946 | D | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Bis(2-chloroethoxy)methane | 5 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Bis(2-chloroethyl)ether | 1 | 1 | U | *1.21* | U | *1.03* | U | 1 | U | *1.25* | U | *1.03* | U | 1 | U | 1 | U | *1.03* | U | *1.03* | U | 1 | U | 1 | U |
| Caprolactam | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Diethyl phthalate | 50 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Di-n-octyl phthalate | 50 | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 46 | | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Hexachlorocyclopentadiene | 5 | 5 | U | *6.06* | U | *5.13* | U | 5 | U | **49** | | *5.13* | U | **12.1** | | 5 | U | *5.13* | U | *5.13* | U | 5 | U | 5 | U |
| N-nitroso-di-n-propylamine | ~ | 2.5 | U | 3.03 | U | 2.56 | U | 2.5 | U | 3.12 | U | 2.56 | U | 2.5 | U | 2.5 | U | 2.56 | U | 2.56 | U | 2.5 | U | 2.5 | U |
| Phenol | 1 | *2.5* | U | *3.03* | U | *2.56* | U | *2.5* | U | *3.12* | U | **9.61** | | *2.5* | U | *2.5* | U | *2.56* | U | **11.8** | | *2.5* | U | *2.5* | U |
| **SVOCs, SIM Master (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 1 | | 1 | | 1 | | 1 | | 200 | | 50 | | 100 | | 200 | | 50 | | 50 | | 1 | | 1 | |
| Acenaphthene | 20 | 0.05 | U | 0.0606 | U | 0.605 | | 0.65 | | 0.0625 | U | 0.0513 | U | 0.36 | | 0.28 | | 0.195 | | 0.0513 | U | 0.05 | U | 0.05 | U |
| Acenaphthylene | ~ | 0.05 | U | 0.133 | | 0.0513 | U | 0.06 | | 0.362 | | 0.0513 | U | 0.05 | U | 0.05 | U | 0.41 | | 0.0513 | U | 0.09 | | 0.05 | U |
| Anthracene | 50 | 0.05 | U | 0.0606 | U | 0.0513 | U | 0.05 | U | 0.412 | | 0.0513 | U | 0.05 | U | 0.13 | | 0.287 | | 0.0513 | U | 0.07 | | 0.05 | U |
| Benzo(a)anthracene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | **0.188** | | *0.0513* | U | *0.05* | U | *0.05* | U | **0.0923** | | *0.0513* | U | **0.06** | | *0.05* | U |
| Benzo(a)pyrene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | **0.15** | | *0.0513* | U | *0.05* | U | *0.05* | U | *0.0513* | U | *0.0513* | U | **0.07** | | *0.05* | U |
| Benzo(b)fluoranthene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | **0.162** | | *0.0513* | U | *0.05* | U | *0.05* | U | *0.0513* | U | *0.0513* | U | **0.06** | | *0.05* | U |
| Benzo(g,h,i)perylene | ~ | 0.05 | U | 0.0606 | U | 0.0513 | U | 0.05 | U | 0.0625 | U | 0.0513 | U | 0.05 | U | 0.05 | U | 0.0513 | U | 0.0513 | U | 0.05 | | 0.05 | U |
| Benzo(k)fluoranthene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | **0.112** | | *0.0513* | U | *0.05* | U | *0.05* | U | *0.0513* | U | *0.0513* | U | **0.06** | | *0.05* | U |
| Bis(2-ethylhexyl)phthalate | 5 | 0.5 | U | 1.32 | | 0.513 | U | 0.50 | U | 4.21 | | 0.513 | U | 0.55 | | 0.5 | U | 1.08 | | 0.513 | U | 0.5 | U | 0.5 | U |
| Chrysene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | **0.188** | | *0.0513* | U | *0.05* | U | *0.05* | U | **0.103** | | *0.0513* | U | **0.08** | | *0.05* | U |
| Fluoranthene | 50 | 0.05 | U | 0.0606 | U | 0.0513 | U | 0.05 | U | 0.512 | | 0.0513 | U | 0.18 | | 0.11 | | 0.246 | | 0.0513 | U | 0.18 | | 0.05 | U |
| Fluorene | 50 | 0.07 | | 0.133 | | 0.79 | | 0.83 | | 0.212 | | 0.0513 | U | 0.15 | | 0.05 | U | 0.39 | | 0.103 | | 0.06 | | 0.05 | U |
| Hexachlorobenzene | 0.04 | 0.02 | U | 0.0242 | U | 0.0205 | U | 0.02 | U | 0.025 | U | 0.0205 | U | 0.02 | U | 0.02 | U | 0.0205 | U | 0.0205 | U | 0.02 | U | 0.02 | U |
| Hexachlorobutadiene | 0.5 | 0.5 | U | *0.606* | U | *0.513* | U | 0.5 | U | *0.625* | U | *0.513* | U | 0.5 | U | 0.5 | U | *0.513* | U | *0.513* | U | 0.5 | U | 0.5 | U |
| Hexachloroethane | 5 | 0.5 | U | 0.606 | U | 0.513 | U | 0.5 | U | 0.625 | U | 0.513 | U | 0.5 | U | 0.5 | U | 0.513 | U | 0.513 | U | 0.5 | U | 0.5 | U |
| Indeno(1,2,3-cd)pyrene | 0.002 | *0.05* | U | *0.0606* | U | *0.0513* | U | *0.05* | U | *0.0625* | U | *0.0513* | U | *0.05* | U | *0.05* | U | *0.0513* | U | *0.0513* | U | *0.05* | U | *0.05* | U |
| Naphthalene | 10 | 0.79 | | 4.39 | | 0.513 | | 0.41 | | **330** | D | **212** | D | **205** | D | **280** | D | **93.8** | D | **57.4** | D | 0.49 | | 0.05 | U |
| Nitrobenzene | 0.4 | 0.25 | U | 0.303 | U | 0.256 | U | 0.25 | U | 0.312 | U | 0.256 | U | 0.25 | U | 0.25 | U | 0.256 | U | 0.256 | U | 0.25 | U | 0.25 | U |
| Pentachlorophenol | 1 | 0.25 | U | 0.303 | U | 0.256 | U | 0.25 | U | 0.312 | U | 0.256 | U | 0.25 | U | 0.25 | U | 0.256 | U | 0.256 | U | 0.25 | U | 0.25 | U |
| Phenanthrene | 50 | 0.05 | U | 0.0606 | U | 0.103 | | 0.1 | | 1.72 | | 0.0513 | U | 0.51 | | 0.23 | | 0.769 | | 0.144 | | 0.16 | | 0.05 | U |
| Pyrene | 50 | 0.05 | U | 0.133 | | 0.0513 | U | 0.05 | U | 0.562 | | 0.0513 | U | 0.12 | | 0.07 | | 0.287 | | 0.0513 | U | 0.2 | | 0.05 | U |

**NOTES:**
Q = Qualifier column
~ = This indicates that no regulaory limit has been established for this analyte
B = Analyte found in the analysis batch blank
D = Result is from an analysis that required a dilution
J = Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT = This indicates the analyte was not a target for this sample
U = Analyte not detected at or above the level indicated
NYSDEC TOGS = New York State Department of Environmental Conservation Technical and Operational Guidance Series
µg/L = Microgram per liter

*Indicates a detection above reporting limits*
**Indicates an exceedance of NYSDEC TOGS Standards and Guidance Values - GA**

**Attachment 3**
**3rd Round of Post-Injection Sampling Analytical Results Summary**
**714 East 214th Street, Bronx, NY**
**Langan Project No.: 140115301**

| Sample Location | NYSDEC TOGS Standards and Guidance Values - GA | MW-7B | | MW-08 | | MW-29 | | | | MW-40 | | MW-40D | | MW-41 | | MW-41D | | MW-42 | | MW-42D | | MW-43 | | Field Blank | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | | MW-7B_2022.01.18 | | MW-08_2022.01.18 | | MW-29_2022.01.17 | | DUP_2022.01.17 | | MW-40_2022.01.18 | | MW-40D_2022.01.17 | | MW-41_2022.01.18 | | MW-41D_2022.01.18 | | MW-42_2022.01.17 | | MW-42D_2022.01.17 | | MW-43_2022.01.17 | | Filed Blank_2022.01.17 | |
| Sampling Date | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/18/2022 | | 1/17/2022 | | 1/18/2022 | | 1/18/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | | 1/17/2022 | |
| **Compound** | | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q | Result | Q |
| **Metals (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 1 | | 1 | | 1 | | 1 | | | | 1 | | 20 | | 10 | | 10 | | 10 | | | | 1 | |
| Aluminum | ~ | NT | | NT | | 55.6 | U | 55.6 | U | NT | | 170 | B | 30,200 | B | 19,400 | B | 1,210 | B | 421 | B | NT | | 55.6 | U |
| Barium | 1,000 | NT | | NT | | 208 | | 206 | | NT | | 113 | | 129 | | 34.9 | | 90.4 | | 85.7 | | NT | | 27.8 | U |
| Calcium | ~ | NT | | NT | | 96,900 | | 93,600 | | NT | | 157,000 | | 22,500 | | 29,500 | | 101,000 | | 147,000 | | NT | | 118 | |
| Chromium | 50 | NT | | NT | | 5.56 | U | 5.56 | U | NT | | 6.98 | | 12.4 | | 13.8 | | 9.21 | | **130** | | NT | | 5.56 | U |
| Cobalt | ~ | NT | | NT | | 4.44 | U | 4.440 | U | NT | | 4.44 | U | 4.44 | U | 4.440 | U | 4.44 | U | 4.44 | U | NT | | 4.44 | U |
| Copper | 200 | NT | | NT | | 22.2 | U | 22.2 | U | NT | | 22.2 | U | **355** | | 149 | | 97.1 | | 37.8 | | NT | | 22.2 | U |
| Iron | ~ | NT | | NT | | 6,820 | | 6,350 | | NT | | 11,900 | | 1,520 | | 504 | | 932 | | 278 | U | NT | | 278 | U |
| Lead | 25 | NT | | NT | | 5.56 | U | 5.56 | U | NT | | 5.56 | U | **44.7** | | 17.4 | | **485** | | 23.7 | | NT | | 5.56 | U |
| Magnesium | 35,000 | NT | | NT | | 20,000 | B | 19,200 | B | NT | | **37,200** | B | 685 | B | 1,490 | B | 23,300 | B | **48,300** | B | NT | | 55.6 | U |
| Manganese | 300 | NT | | NT | | **351** | | **332** | | NT | | **8,510** | | 31.9 | | 12.3 | | **3,090** | | **405** | | NT | | 5.56 | U |
| Nickel | 100 | NT | | NT | | 11.1 | U | 11.1 | U | NT | | 11.1 | U | 55.9 | | 43.7 | | 11.1 | U | 11.1 | U | NT | | 11.1 | U |
| Potassium | ~ | NT | | NT | | 13,800 | | 9,250 | | NT | | 5,130 | | 268,000 | | 456,000 | D | 9,880 | | 8,130 | | NT | | 55.6 | U |
| Silver | 50 | NT | | NT | | 5.56 | U | 5.56 | U | NT | | 5.56 | U | 5.56 | U | 5.56 | U | 5.560 | U | 5.560 | U | NT | | 5.56 | U |
| Sodium | 20,000 | NT | | NT | | 8,190 | | 7,940 | | NT | | **1,180,000** | | **6,370,000** | D | **3,680,000** | D | **1,630,000** | D | **2,640,000** | D | NT | | 687 | |
| Vanadium | ~ | NT | | NT | | 11.1 | U | 11.1 | U | NT | | 11.1 | U | 2,380 | | 440 | | 36.5 | | 59.2 | | NT | | 11.1 | U |
| Zinc | 2,000 | NT | | NT | | 27.8 | U | 28 | | NT | | 27.8 | U | 27.8 | U | 27.8 | U | 45.2 | | 27.8 | U | NT | | 27.8 | U |
| **ICP Dissolved Metals (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 10 | | 1 | | 1 | | 1 | | 10 | | 1 | | 10 | | 10 | | 10 | | 10 | | 1 | | 1 | |
| Aluminum | ~ | 11,400 | B | 22,200 | B | 472 | B | 472 | B | 972 | B | 307 | B | 24,800 | B | 15,400 | B | 1,120 | B | 772 | B | 325 | B | 55.6 | U |
| Barium | 1,000 | 31.4 | | **1,200** | | 254 | | 216 | | 140 | | 114 | | 131 | | 35.4 | | 85.3 | | 82.2 | | 83.3 | | 27.8 | U |
| Calcium | ~ | 13,200 | | 329,000 | | 115,000 | | 112,000 | | 29,300 | | 142,000 | | 19,800 | | 26,500 | | 97,400 | | 116,000 | | 257,000 | | 134 | |
| Chromium | 50 | **2,260** | | **93.5** | | 5.56 | U | 5.56 | U | **127** | | 6.68 | | 9.12 | | 14 | | 6.7 | | **123** | | 5.56 | U | 5.56 | U |
| Cobalt | ~ | 4.44 | U | 67.5 | | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U | 4.44 | U |
| Copper | 200 | 25 | | 106 | | 22.2 | U | 22.2 | U | **378** | | 22.2 | U | **375** | | 148 | | 89.5 | | 53.5 | | 22.2 | U | 22.2 | U |
| Iron | ~ | 990 | | 62,700 | | 10,700 | | 7,080 | | 305 | | 11,600 | | 491 | | 486 | | 337 | | 278 | U | 278 | U | 278 | U |
| Lead | 25 | 8.79 | | **50.4** | | 5.56 | U | 5.56 | U | **447** | | 5.56 | U | **45.6** | | 20.1 | | **498** | | **28.7** | | 5.56 | U | 5.56 | U |
| Magnesium | 35,000 | 627 | | **70,100** | | 22,500 | | 20,800 | | 5,180 | | **36,200** | | 488 | | 1,630 | | 24,800 | | **44,200** | | **81,100** | | 55.6 | U |
| Manganese | 300 | **989** | | **6,060** | | **440** | | **353** | | 26 | | **8,520** | | 15.6 | | 13.3 | | **3,060** | | **390** | | 37.3 | | 5.56 | U |
| Nickel | 100 | **122** | | **158** | | 11.1 | U | 11.1 | U | 11.1 | U | 11.1 | U | 74.9 | | 58.7 | | 11.1 | U | 11.1 | U | 11.1 | U | 11.1 | U |
| Potassium | ~ | 4,710 | B | 6,910 | B | 14,900 | B | 14,500 | B | 20,600 | B | 5,890 | B | 239,000 | BD | 488,000 | BD | 10,100 | B | 9,140 | B | 5,480 | B | 60 | B |
| Silver | 50 | 5.56 | U | 5.56 | U | 5.56 | U | 5.56 | U | 5.560 | U | 5.56 | U | 5.56 | U | 5.56 | U | 5.560 | U | 6.56 | | 5.56 | U | 5.56 | U |
| Sodium | 20,000 | **7,190,000** | D | **73,300** | | 11,100 | | 11,700 | | **8,860,000** | D | **967,000** | | **8,130,000** | D | **3,930,000** | D | **1,880,000** | D | **3,010,000** | D | **49,300** | | 625 | |
| Vanadium | ~ | 1,260 | | 99.9 | | 11.1 | U | 11.1 | U | 266 | | 11.1 | U | 2,740 | | 440 | | 39.7 | | 70 | | 11.1 | U | 11.1 | U |
| Zinc | 2,000 | 27.8 | U | 211 | | 27.8 | U | 27.8 | U | 47.5 | | 27.8 | U | 27.8 | U | 27.8 | U | 31.3 | | 27.8 | U | 27.8 | U | 27.8 | U |
| **ICPMS Metals (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | | | | | 1 | | 1 | | | | 1 | | 1 | | 1 | | 1 | | 1 | | | | 1 | |
| Antimony | 3 | NT | | NT | | 1.11 | U | 1.11 | U | NT | | 1.11 | U | **4.250** | | 2.43 | | 1.33 | | 1.11 | U | NT | | 1.11 | U |
| Arsenic | 25 | NT | | NT | | 1.89 | | 1.43 | | NT | | **25.7** | | **180** | | **148** | | 16.6 | | 24.6 | | NT | | 1.11 | U |
| Beryllium | 3 | NT | | NT | | 0.333 | U | 0.333 | U | NT | | 0.333 | U | 0.333 | U | 0.333 | U | 0.333 | U | 0.333 | U | NT | | 0.333 | U |
| Cadmium | 5 | NT | | NT | | 0.556 | U | 0.556 | U | NT | | 0.556 | U | 0.557 | | 0.556 | U | 0.556 | U | 0.556 | U | NT | | 0.556 | U |
| Selenium | 10 | NT | | NT | | 1.11 | U | 1.11 | U | NT | | 2.23 | | **64.9** | | **29.4** | | 4.43 | | **17.4** | | NT | | 1.35 | |
| Thallium | ~ | NT | | NT | | 1.11 | U | 1.11 | U | NT | | 1.11 | U | 1.11 | U | 1.11 | U | 1.11 | U | 1.11 | U | NT | | 1.11 | U |
| **ICPMS Dissolved Metals (µg/L)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Dilution Factor** | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Antimony | 3 | 1.11 | U | 1.36 | | 1.11 | U | 1.11 | U | 2.64 | | 1.11 | U | **4.55** | | 2.56 | | 1.58 | | 1.18 | | 1.11 | U | 1.11 | U |
| Arsenic | 25 | **561** | | **37** | | 1.72 | | 2.14 | | **54.1** | | **26.5** | | **246** | | **210** | | 15.8 | | **29.2** | | 1.8 | | 1.11 | U |
| Selenium | 10 | **103** | | **12.5** | | 1.14 | | 1.11 | U | **53.8** | | 2.82 | | **78.1** | | **35.3** | | 2.79 | | **26.3** | | 2.79 | | 1.11 | U |
| **Mercury (µg/L)** | 0.7 | NT | | NT | | 0.2 | U | 0.2 | U | NT | | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | NT | | 0.2 | U |
| **Dissolved Mercury (µg/L)** | 0.7 | **0.8** | | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | | 0.2 | U | 0.2 | | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U |
| **Alkalinity, total (µg/L)** | ~ | 2,800,000 | | 4,400,000 | | 350,000 | | 340,000 | | 1,500,000 | | 630,000 | | 2,200,000 | | 2,000,000 | | 970,000 | | 700,000 | | 330,000 | | 2,000 | U |
| **Sulfate (µg/L)** | ~ | 16,100,000 | D | 31,700 | | 16,100 | | 17,000 | | 22,800,000 | D | 2,720,000 | D | 16,900,000 | D | 7,440,000 | D | 6,970,000 | D | 6,430,000 | D | 712,000 | D | 1,000 | U |

**NOTES:**
Q = Qualifier column
~ = This indicates that no regulaory limit has been established for this analyte
B = Analyte found in the analysis batch blank
D = Result is from an analysis that required a dilution
J = Analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
NT = This indicates the analyte was not a target for this sample
U = Analyte not detected at or above the level indicated
NYSDEC TOGS = New York State Department of Environmental Conservation Technical and Operational Guidance Series
µg/L = Microgram per liter

*Indicates a detection above reporting limits*
**Indicates an exceedance of NYSDEC TOGS Standards and Guidance Values - GA**