

December 2021 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 December 2021.

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 second round of post-remediation groundwater sampling (see below).

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

Langan’s third round of post-remediation groundwater sampling will be conducted during the second week of January 2022.

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 second round of post-remediation groundwater sampling was conducted on 7 December 2021. 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

On 9 December 2021, Langan submitted the In-Situ Chemical Oxidation (ISCO) Injection Summary Report to NYSDEC.

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

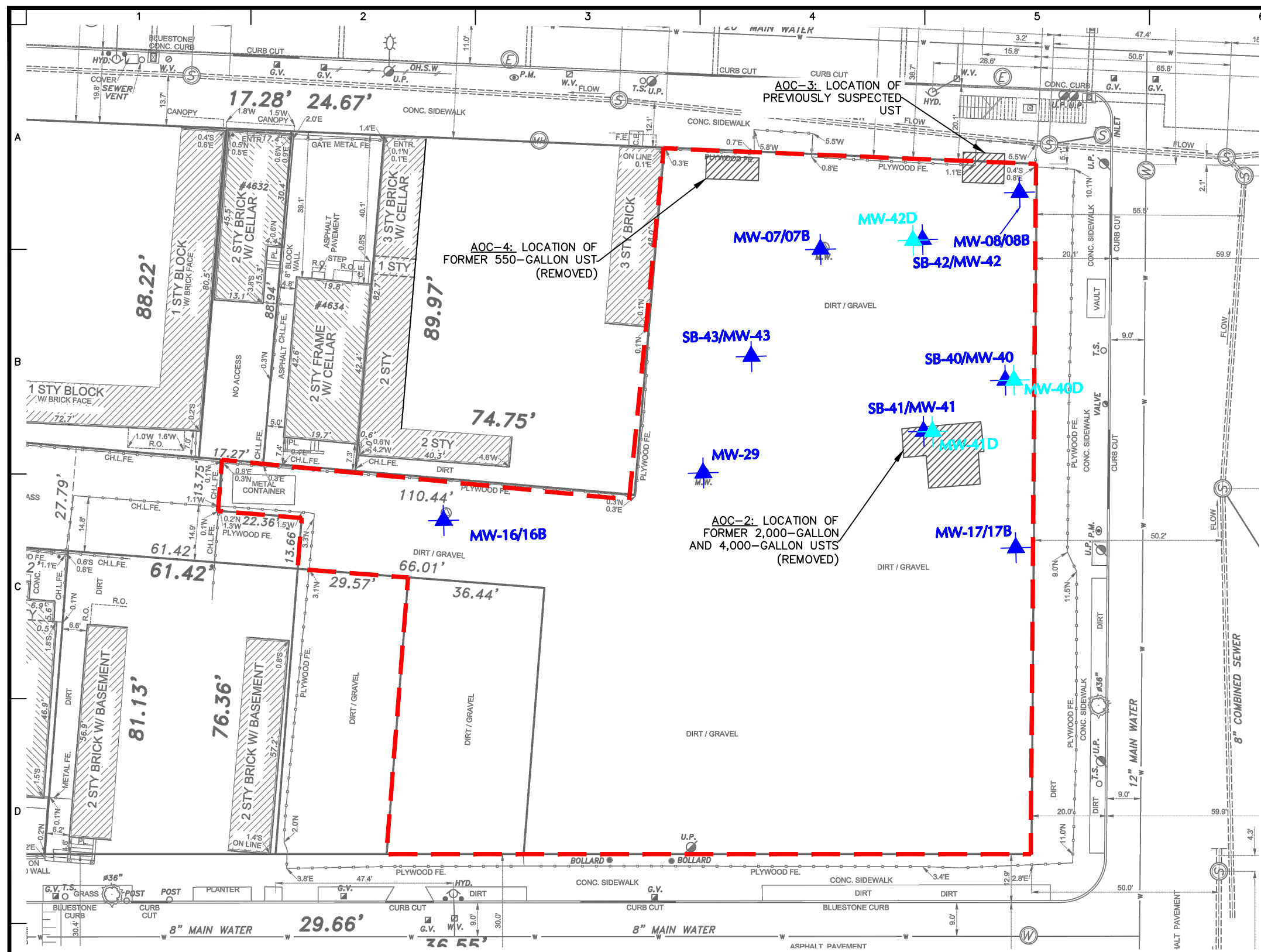
Attachment 3 – Second Round of Post-Injection Groundwater Analytical Results

ATTACHMENT 1



SITE LOCATION MAP
C203077
ENCLAVE ON 241ST STREET
DEVELOPMENT

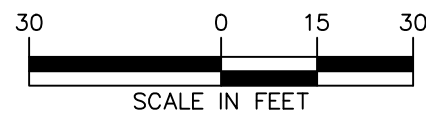
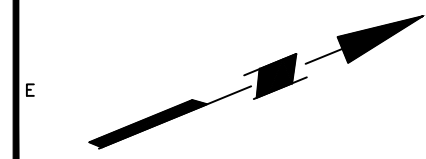
ATTACHMENT 2



- ### 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 AUGUST 2021



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	Drawing No. 2 Sheet 2 of 4
			Date SEPTEMBER 2021	
			Drawn By JRF	
			Checked By RJW	

ATTACHMENT 3

Attachment 3
2nd Round of Post-Injection Sampling Analytical Results Summary
714 East 214th Street, Bronx, NY
Langan Project No.: 140115301

Sample Location		MW-7B		MW-08		MW-29		MW-40		MW-40D		MW-41		MW-41D		MW-42		MW-42D				MW-43		Field Blank	
Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-7B_2021.12.07		MW-08_2021.12.07		MW-29_2021.12.07		MW-40_2021.12.07		MW-40D_2021.12.07		MW-41_2021.12.07		MW-41D_2021.12.07		MW-42_2021.12.06		MW-42D_2021.12.06		DUP_2021.12.06		MW-43_2021.12.07		Filed Blank_2021.12.06	
Sampling Date		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/6/2021		12/6/2021		12/6/2021		12/6/2021		12/7/2021		12/6/2021	
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)		1		1		1		200		100		25		200		200		100		100		10		1	
Dilution Factor		0.200		0.200		0.200		5		5		5		2		200		200		100		10		1	
1,1,1,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1,1-Trichloroethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1,2-Trichloroethane	1	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1-Dichloroethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,1-Dichloroethylene	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2,3-Trichloropropane	0.04	0.200	U	0.200	U	5.120		5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	5	0.200	U	0.390	J	19.900		1,940	D	636	D	364	D	1,440	D	923	D	1,200	D	843	D	26.100	D	0.200	U
1,2-Dibromo-3-chloropropane	0.04	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2-Dibromoethane	0.0006	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2-Dichloroethane	0.6	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,2-Dichloropropane	1	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	5	0.200	U	0.200	U	5.660		545	D	228	D	96.800	D	331	D	246	D	292	D	196	D	27.100	D	0.200	U
1,3-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
1,4-Dichlorobenzene	3	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
2-Butanone	50	8.680		0.200	U	0.200	U	391	D	2	U	126	D	74.300	D	259	D	267	D	181	D	0.200	U	3.300	U
2-Hexanone	50	0.820		0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
4-Methyl-2-pentanone	~	0.680		0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Acetone	50	72.400		18.200		1	U	862	D	10	U	413	D	170	D	385	D	485	D	410	D	1	U	14.900	U
Benzene	1	0.340	J			11.400		1,400	D	4,480	D	188	D	8,330	D	6,780	D	2,370	D	2,100	D	44.700	D	0.200	U
Bromochloromethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Bromoform	50	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Bromomethane	5	0.460	J	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Carbon disulfide	~	0.200	U	0.200	U	0.310	J	5	U	2,200	JD	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Carbon tetrachloride	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Chlorobenzene	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Chloroethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Chloroform	7	0.200	U	0.200	U	0.210	J	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Chloromethane	5	1.170		0.200	U	0.200	U	110	D	2	U	31	D	2	U	20	U	25	JD	21	JD	0.200	U	0.200	U
cis-1,2-Dichloroethylene	5	0.200	U	0.200	U	4.710		5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	0.4	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Cyclohexane	~	0.930		1.910		3.310		256	D	294	D	58.200	D	185	D	46	JD	105	D	50	D	5.100	D	0.200	U
Dichlorodifluoromethane	5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Ethyl Benzene	5	0.200	U	0.770		21.100		1,810	D	1,560	D	374	D	1,990	D	880	D	1,290	D	966	D	34.800	D	0.200	U
Hexachlorobutadiene	0.5	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Isopropylbenzene	5	0.200	U	0.200	U	2.240		108	D	66.500	D	18	D	59.600	D	41	JD	58	D	42	JD	6.420	D	0.200	U
Methyl acetate	~	0.200	U	0.200	U	0.200	U	5	U	2	U	5	U	2	U	20	U	20	U	20	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	10	0.200	U	0.200	U	0.200	U	123	D	2,580	D	278	D	10,900	D	311	D	263	D	222	D	1.690	D	0.200	U
Methylcyclohexane	~	0.370	J	2		2.730		192	D	293	D	35.500	D	140	D	20	U	53	D	26	JD	4.330	D	0.200	U
Methylene chloride	5	1	U	1	U	1	U	25	U	10	U	25	U	10	U	100	U	100	U	100					

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2nd 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_2021.12.07		MW-08_2021.12.07		MW-29_2021.12.07		MW-40_2021.12.07		MW-40D_2021.12.07		MW-41_2021.12.07		MW-41D_2021.12.07		MW-42_2021.12.06		MW-42D_2021.12.06		DUP_2021.12.06		MW-43_2021.12.07		Filed Blank_2021.12.06	
Sampling Date		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/6/2021		12/6/2021		12/6/2021		12/7/2021		12/6/2021	
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)		1		1		1		20		1		5		10		10		10		10		1		1	
Dilution Factor																									
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
2,4,5-Trichlorophenol	1	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
2,4,6-Trichlorophenol	1	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
2,4-Dimethylphenol	50	2.5	U	2.5	U	2.5	U	2.86	U	24.8	D	42.6	D	121.0	D	122	D	2.5	U	2.56	U	2.7	U	2.5	U
2,6-Dinitrotoluene	5	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
2-Chlorophenol	1	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
2-Methylnaphthalene	~	2.5	U	2.5	U	2.5	U	154	D	24		14.7		38.2		18.6		55.4		40.8		2.7	U	2.5	U
2-Methylphenol	1	2.5	U	2.5	U	2.5	U	2.86	U	17.1		10.5	D	78.4	D	211	D	137		44.4	JD	2.7	U	2.5	U
2-Nitrophenol	1	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.50	U	2.56	U	2.7	U	2.5	U
3- & 4-Methylphenols	1	2.5	U	2.5	U	2.5	U	2.86	U	14.7		16.7		111.0	D	153	D	67.9		55.2	D	2.7	U	2.5	U
4-Chloro-3-methylphenol	1	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
4-Chloroaniline	5	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
4-Nitrophenol	1	5	U	5	U	5	U	5.71	U	5	U	5	U	5	U	5	U	5.00	U	5.13	U	5.41	U	5	U
Acetophenone	~	2.5	U	2.5	U	2.5	U	912	D	2.5	U	104	D	2.5	U	195	D	205	D	182	D	2.7	U	2.5	U
Aniline	5	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.50	U	2.56	U	2.7	U	2.5	U
Benzaldehyde	~	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.50	U	2.56	U	2.7	U	2.5	U
Benzoic acid	~	18.4		2.5	U	2.5	U	900	D	2.5	U	113	D	167	D	162	D	167	D	192	D	2.7	U	12.9	
Benzyl alcohol	~	2.5	U	2.5	U	2.5	U	477	D	2.5	U	29		2.5	U	124	D	178	D	153	D	2.7	U	4.47	J
Bis(2-chloroethoxy)methane	5	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
Bis(2-chloroethyl)ether	1	1	U	1	U	1	U	1.14	U	1	U	1	U	1	U	1	U	1	U	1	U	1.08	U	1	U
Caprolactam	~	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
Diethyl phthalate	50	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
Di-n-octyl phthalate	50	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
Hexachlorocyclopentadiene	5	5	U	5	U	5	U	5.71	U	5	U	5	U	5	U	5	U	5	U	5.13	U	5.41	U	5	U
N-nitroso-di-n-propylamine	~	2.5	U	2.5	U	2.5	U	2.86	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.7	U	2.5	U
Phenol	1	2.5	U	2.5	U	2.5	U	27.5		8.5		6.5	JD	36.6		2.5	U	2.5	U	23.40		2.7	U	3.09	J
SVOCs, SIM Master (µg/L)																									
Dilution Factor		2		2				100		100		100		100		100		100		100		2		1	
Acenaphthene	20	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Acenaphthylene	~	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Anthracene	50	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Benzo(a)anthracene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Benzo(a)pyrene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Benzo(g,h,i)perylene	~	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Bis(2-ethylhexyl)phthalate	5	1	U	1	U	NT		NT		NT		NT		NT		NT		NT		NT		1.08	U	0.8	
Chrysene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Fluoranthene	50	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Fluorene	50	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Hexachlorobenzene	0.04	0.04	U	0.04	U	NT		NT		NT		NT		NT		NT		NT		NT		0.432	U	0.02	U
Hexachlorobutadiene	0.5	1	U	1	U	NT		NT		NT		NT		NT		NT		NT		NT		1.08	U	0.5	U
Hexachloroethane	5	1	U	1	U	NT		NT		NT		NT		NT		NT		NT		NT		1.08	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Naphthalene	10	0.1	U	0.22	D	3.31	J	303	D	157	D	75	D	224	D	47	D	149	D	110.00	D	3.61	D	0.08	
Nitrobenzene	0.4	0.5	U	0.5	U	NT		NT		NT		NT		NT		NT		NT		NT		0.541	U	0.25	U
Pentachlorophenol	1	0.5	U	0.5	U	NT		NT		NT		NT		NT		NT		NT		NT		0.541	U	0.25	U
Phenanthrene	50	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U
Pyrene	50	0.1	U	0.1	U	NT		NT		NT		NT		NT		NT		NT		NT		0.108	U	0.05	U

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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

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_2021.12.07		MW-08_2021.12.07		MW-29_2021.12.07		MW-40_2021.12.07		MW-40D_2021.12.07		MW-41_2021.12.07		MW-41D_2021.12.07		MW-42_2021.12.06		MW-42D_2021.12.06		DUP_2021.12.06		MW-43_2021.12.07		Filed Blank_2021.12.06	
Sampling Date		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/7/2021		12/6/2021		12/6/2021		12/6/2021		12/7/2021		12/6/2021	
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				5		1		1		1				1	
Aluminum	~	NT		NT		NT		NT		211		NT		16,900		8,530		1,320		1,230		NT		55.600	U
Barium	1,000	NT		NT		NT		NT		234		NT		27,900		94,500		59,500		61		NT		27.800	U
Calcium	~	NT		NT		NT		NT		182,000		NT		21,700		60,800		60,600		60,900		NT		55.600	U
Chromium	50	NT		NT		NT		NT		8,530		NT		41,100		15,900		80,200		74,700		NT		5.560	U
Cobalt	~	NT		NT		NT		NT		7,100		NT		4,440		4,440		4,440		4,440		U		4.440	U
Copper	200	NT		NT		NT		NT		22,200	U	NT		181		383		584		723		NT		22,200	U
Iron	~	NT		NT		NT		NT		23,000		NT		315		278		278		278		U		348	
Lead	25	NT		NT		NT		NT		5,560	U	NT		11,100		184		44,900		43		NT		5.560	U
Magnesium	35,000	NT		NT		NT		NT		45,400		NT		761		16,800		26,400		26,400		NT		55.600	U
Manganese	300	NT		NT		NT		NT		9,030		NT		24,400		662		101		104		NT		5.560	U
Nickel	100	NT		NT		NT		NT		11,100		NT		17,500	U	11,100		11,100	U	11,100		U		11,100	U
Potassium	~	NT		NT		NT		NT		6,610		NT		341,000		12,800		10,600		10,800		NT		101	
Silver	50	NT		NT		NT		NT		5,560	U	NT		5,560		5,560		5,560		5,560		U		5.560	U
Sodium	20,000	NT		NT		NT		NT		689,000		NT		3,180,000	D	684,000		737,000		766,000		NT		817	
Vanadium	~	NT		NT		NT		NT		11,100		NT		231	U	434		205		199		NT		11,100	U
Zinc	2,000	NT		NT		NT		NT		27,800	U	NT		27,800		28,300		27,800		27,800		U		27,800	U
ICP Dissolved Metals (µg/L)																									
Dilution Factor										1				5		5		5		5				1	
Aluminum	~	26,700		68,200		55,600	U	3,670		161		50,900		17,200		7,310		845		1,040				70.600	U
Barium	1,000	27,800	U	142		261		118		176		44,900		36,900		78,800		34,900		33,700				78	U
Calcium	~	18,000		123,000		110,000		46,600		159,000		26,000		20,100		52,500		32,300		32,300				284,000	U
Chromium	50	2,710		5,560	U	5,560	U	402		5	U	14,900		37,400		14		66,900		68,700				5,560	U
Cobalt	~	4,440		4,440	U	4,440		4,440	U	6,750		6,220		4	U	4,440		4,440	U	4,440		U		4,440	U
Copper	200	22,200	U	22,200	U	22,200	U	417		20	U	617		8		370		874		927		U		22,200	U
Iron	~	278	U	278	U	12,800		278	U	12,500		414		1,830		278		278	U	278		U		278	U
Lead	25	5,560	U	5,560	U	5,560	U	173		5	U	51,900		14,300		162		34,900		34,900				5,560	U
Magnesium	35,000	58,200		25,100		22,600		632		39,200		82,100		5,940		15,900		24,700		25,400				91,600	U
Manganese	300	28,200		1,860		8,070		16,800		30,100		211		30,100		557		38,400		42,600				35,500	U
Nickel	100	125		11,100	U	11,100	U	13,400		10	U	139		21,300		11,100	U	11,100		11,100	U			11,100	U
Potassium	~	7,340		4,060		17,300		42,000		6,830		560,000	D	327,000	D	13,700		11,100		11,400		U		6,380	U
Silver	50	5,560	U	5,560	U	5,560	U	5,560	U	5	U	5,560	U	5	U	5,560	U	5,560	U	5,560	U	U		5,560	U
Sodium	20,000	556	U	77,600		15,000		16,600,000	D	667,000		13,700,000	D	2,960,000	D	3,650,000	D	3,680,000	D	3,610,000	D			51,100	U
Vanadium	~	1,450		11,100	U	11,100	U	580		10	U	1,930		201		408		169		176		U		11,100	U
Zinc	2,000	27,800	U	27,800	U	27,800	U	27,800	U	25	U	27,800	U	25	U	27,800	U	27,800	U	27,800	U	U		27,800	U
ICPMS Metals (µg/L)																									
Dilution Factor										1				1		1		1		1				1	
Antimony	3	NT		NT		NT		NT		1,110	U	NT		1,960		2,100		2,160		2,060				NT	U
Arsenic	25	NT		NT		NT		NT		30,100		NT		93,500		119		78,900		76,400				NT	U
Beryllium	3	NT		NT		NT		NT		0.333	U	NT		0.333	U	0.333	U	0.333	U	0.333		U		0.333	U
Cadmium	5	NT		NT		NT		NT		0,556	U	NT		0,556	U	0,556	U	0,556	U	0,556		U		0,556	U
Selenium	10	NT		NT		NT		NT		1,680		NT		33,300		28,600		38,900		45,700				NT	U
Thallium	~	NT		NT		NT		NT		1,110	U	NT		1,110	U	1,110	U	1,110	U	1,110		U		1,110	U
ICPMS Dissolved Metals (µg/L)																									
Dilution Factor										1				1		1		1		1				1	
Antimony	3	111	U	111	U	1,110	U	111	U	1	U	111	D	1,650		2,050		1,970		1,980				1,110	U
Arsenic	25	424	D	111	U	4,500		128	D	20,900		297	D	80,800		112		66,400		67,600				1,110	U
Selenium	10	111	D	111	U	1,460		155	D	2,470		111	U	29,100		32,200		38,300		37,500				5,930	U
Mercury (µg/L)	0.7	0.9		0.2	U	0.2	U	0.4		0.2	U	0.7		0.5		0.6		0.3		0.2	U			0.2	U
Dissolved Mercury (µg/L)	0.7	1.0		0.2	U	0.2	U	0.4		0.2	U	0.8		0.2		0.5		0.2	U	0.2				0.2	U
Alkalinity, total (µg/L)	~	3,400,000		470,000		390,000		1,800,000		660,000		3,400,000		2,200,000		1,200,000		1,000,000		990,000				360,000	
Sulfate (µg/L)	~	21,300,000	D	47,700	D	12,600		26,600,000	D	840,000	D	22,300,000	D	4,870,000	D	6,320,000	D	6,190,000	D	6,360,000	D			545,000	D

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