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

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

Langan's second round of post-remediation groundwater sampling will be conducted during the second week of December 2021.

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 first round of post-remediation groundwater sampling was conducted on 8 November 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

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 – First Round of Post-Injection Groundwater Analytical Results

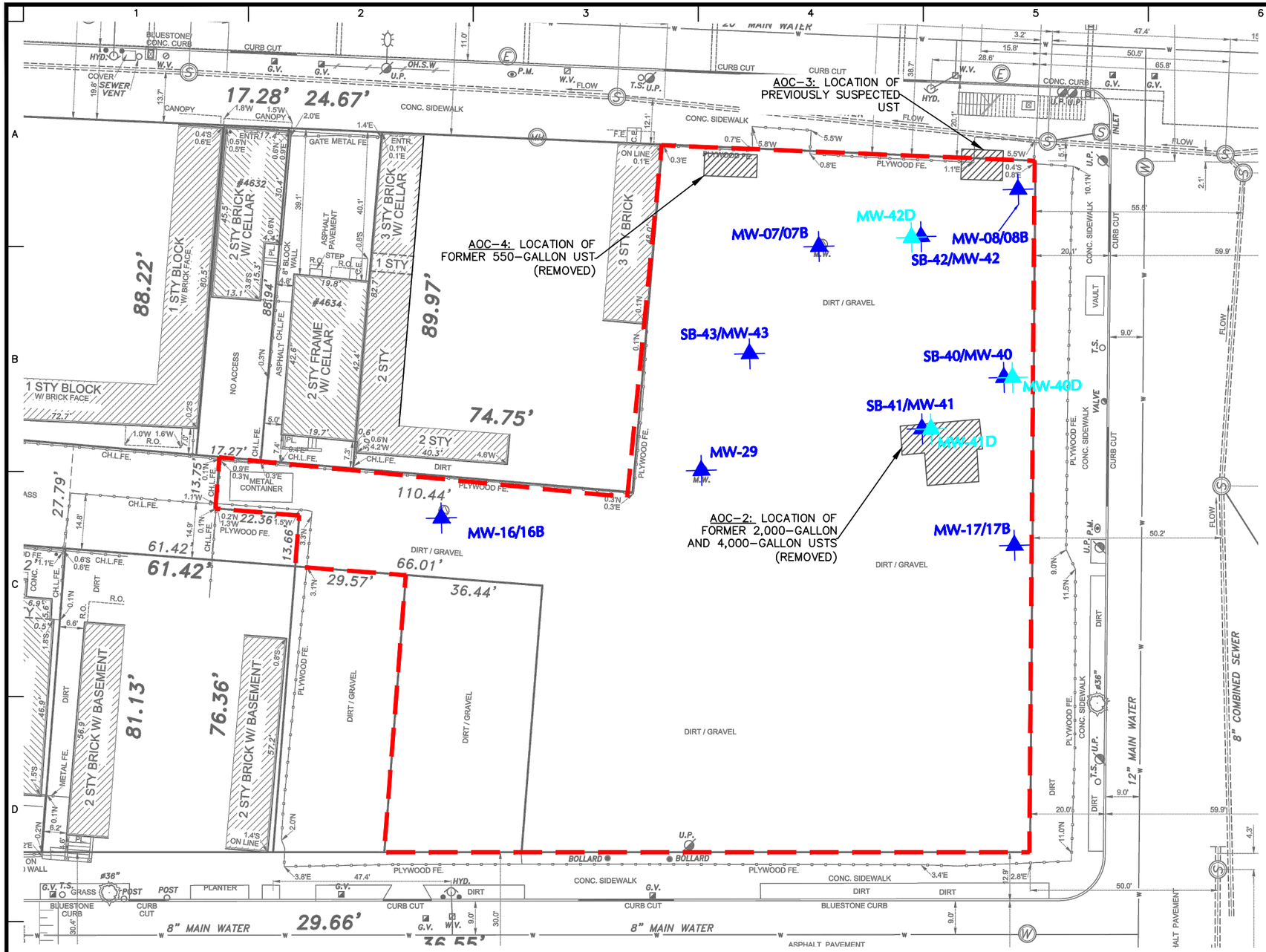
ATTACHMENT 1

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

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Project
ENCLAVE ON 241ST STREET DEVELOPMENT
NEW YORK
BRONX NEW YORK

Drawing Title
SITE LAYOUT MAP

Project No.	140115301
Date	SEPTEMBER 2021
Drawn By	JRF
Checked By	RJW

Drawing No. 2
Sheet 2 of 4

Filename: \\langan.com\data\NH\data3\140115301\Cadd Data - 140115301\SheetFiles\2019.11 Monthly Report\140115301-GI001-0101_MonthlyReport.dwg Date: 9/14/2021 Time: 16:05 User: jfitzpatrick Style Table: Langan.stb Layout: Site Layout

ATTACHMENT 3

Attachment 3
1st 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_2021.11.08		MW-08_2021.11.09		MW-29_2021.11.08		MW-40_2021.11.10		MW-40D_2021.11.09		MW-41_2021.11.10		MW-41D_2021.11.09		MW-42_2021.11.08		MW-42D_2021.11.08		MW-43_2021.11.08		DUP_2021.11.08		Filed Blank_2021.11.08	
Sampling Date		11/8/2021		11/9/2021		11/8/2021		11/10/2021		11/9/2021		11/10/2021		11/9/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021	
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)																									
Dilution Factor		5		10		5		100		100		25		100		100		200		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	0.04	*0.2*	U	*0.2*	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	*0.2*	U	*0.2*	U	*0.2*	U
1,2,4-Trichlorobenzene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.2	U	**44.2**		1	U	**1,840**	D	**1,070**	D	**240**	D	**1,340**	D	**855**	D	**1,390**	D	0.2	U	0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	0.04	*0.2*	U	*0.2*	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	*0.2*	U	*0.2*	U	*0.2*	U
1,2-Dibromoethane	0.0006	*0.2*	U	*0.2*	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	*0.2*	U	*0.2*	U	*0.2*	U
1,2-Dichlorobenzene	3	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	0.6	0.2	U	0.2	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	1	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.2	U	**13.4**		1	U	**507**	D	**340**	D	**64.2**	D	**350**	D	**260**	D	**361**	D	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	3	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	3	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
2-Butanone	50	19.2		24.4		1	U	**501**	D	5	U	**138**	D	5	U	**230**	D	5	U	0.2	U	0.2	U	0.2	U
2-Hexanone	50	0.2	U	0.2	U	1	U	**81**	D	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	~	0.2	U	0.2	U	1	U	20	U	5	U	7.25	JD	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Acetone	50	**98.4**	D	1	U	5	U	**1,840**	D	25	U	**692**	D	**471**	D	25	U	**908**	D	1	U	1.41	J	1	U
Benzene	1	0.48	J	**58.7**		1	U	**2,590**	D	**4,930**	D	**111**	D	**3,990**	D	**5,200**	D	**4,820**	D	0.2	U	0.2	U	0.2	U
Bromochloromethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Bromoform	50	0.92		0.2	U	1	U	20	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Bromomethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	~	0.2	U	0.28	J	1	U	20	U	5	U	5	U	5	U	5	U	5	JD	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Chloroethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	**5.5**	JD	0.2	U	0.2	U	0.2	U
Chloroform	7	0.38	J	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Chloromethane	5	1.34		0.2	U	1	U	**173**	BD	5	U	**11.8**	JD	5	U	**16.5**	D	**39.2**	D	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.2	U	0.2	U	1.65	JD	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.99		6.31		1	U	216	D	423	D	34.5	D	242	D	102	D	268	D	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Ethyl Benzene	5	0.2	U	**29.1**		1	U	**2,200**	D	**1,850**	D	**260**	D	**1,850**	D	**718**	D	**1,900**	D	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	0.5	0.2	U	0.2	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	5	0.2	U	3.09		1	U	**96**	D	**74.800**	D	**10.5**	JD	**61.8**	D	**43.5**	D	**68.8**	D	0.2	U	0.2	U	0.2	U
Methyl acetate	~	2.04		0.2	U	1	U	20	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	7.09		1	U	**20**	JD	**4,770**	D	**232**	D	**2,850**	D	**411**	D	**248**	D	0.2	U	0.2	U	0.2	U
Methylcyclohexane	~	0.4	J	5.77		1.2	JD	165	D	259	D	22	D	108	D	133	D	143	D	0.2	U	0.2	U	0.2	U
Methylene chloride	5	1	U	1	U	5	U	*100*	U	**66.2**	D	*25*	U	**35.8**	JD	*25*	U	*25*	U	1	U	1	U	2.57	
n-Butylbenzene	5	0.2	U	1.1		1.5	JD	**22**	JD	**7.75**	JD	5	U	**7.25**	JD	**14.2**	D	**11.5**	JD	0.2	U	0.2	U	0.2	U
n-Propylbenzene	5	0.2	U	**5.38**		1	U	**254**	D	**159**	D	**33**	D	**157**	D	**108**	D	**164**	D	0.2	U	0.2	U	0.2	U
o-Xylene	5	0.2	U	**42.4**		1	U	**3,140**	D	**1,810**	D	**409**	D	**3,040**	D	**1,330**	D	**3,370**	D	0.2	U	0.2	U	0.2	U
p- & m- Xylenes	~	0.5	U	85.8		2.5	U	7,320	D	3,880	D	920	D	5,860	D	2,740	D	6,080	D	0.5	U	0.5	U	0.5	U
p-Isopropyltoluene	5	0.2	U	0.44	J	1	U	*20*	U	**7.5**	JD	5	U	5	U	**5.75**	JD	5	JD	0.2	U	0.2	U	0.2	U
sec-Butylbenzene	5	0.2	U	0.75		1.1	JD	*20*	U	**6.250**	JD	5	U	5	U	**7.75**	JD	**7.25**	JD	0.2	U	0.2	U	0.2	U
Styrene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	~	19.6		0.5	U	3.25	JD	50	U	12.5	U	12.5	U	12.5	U	12.5	U	12.5	U	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	5	0.5		0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	2.48		2.55		0.2	U
Toluene	5	0.2	U	**162**	D	1	U	**7,380**	D	**6,390**	D	**332**	D	**6,730**	D	**5,490**	D	**14,100**	D	0.2	U	0.2	U	0.2	U
trans-1,2-Dichloroethylene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	*1*	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
Trichloroethylene	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.2	U	0.2	U	1	U	*20*	U	5	U	5	U	5	U	5	U	5	U	0.2	U	0.2	U	0.2	U
Vinyl Chloride	2	0.2	U	0.2	U	1	U	*20*	U	*5*	U	*5*	U	*5*	U	*5*	U	*5*	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	5	0.6	U	**128**		3	U	**10,500**	D	**5,700**	D	**1,330**	D	**9,630**	D	**4,070**	D	**10,400**	D	0.6	U	0.6	U	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
1st 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_2021.11.08		MW-08_2021.11.09		MW-29_2021.11.08		MW-40_2021.11.10		MW-40D_2021.11.09		MW-41_2021.11.10		MW-41D_2021.11.09		MW-42_2021.11.08		MW-42D_2021.11.08		MW-43_2021.11.08		DUP_2021.11.08		Filed Blank_2021.11.08	
Sampling Date		11/8/2021		11/9/2021		11/8/2021		11/10/2021		11/9/2021		11/10/2021		11/9/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021	
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)																									
Dilution Factor		1		1		1		50		20		10		20		20		20		1		1		1	
1,2-Dichlorobenzene	3	*5*	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	*5*	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	*5*	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
2,4,5-Trichlorophenol	1	*5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.56*	U	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
2,4,6-Trichlorophenol	1	*5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.56*	U	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
2,4-Dimethylphenol	50	5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	**215**	D	*51.3*	U	2.5	U	2.5	U	2.5	U
2,6-Dinitrotoluene	5	5	U	2.5	U	2.5	U	3.91	J	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
2-Chlorophenol	1	*5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.56*	U	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
2-Methylnaphthalene	~	5	U	2.5	U	5.7		155	D	38.6		12.1		45.6	JD	37.7		35.4		2.5	U	2.5	U	2.5	U
2-Methylphenol	1	*5*	U	*2.5*	U	*2.5*	U	*25*	U	*50*	U	*2.5*	U	**41.8**	JD	**287**	D	*51.3*	U	*2.5*	U	*2.5*	U	*2.5*	U
2-Nitrophenol	1	*5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.5*	U	*2.56*	U	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
3- & 4-Methylphenols	1	*5*	U	*2.5*	U	*2.5*	U	*25*	U	**52.4**	JD	*2.5*	U	**83.4**	D	**279**	D	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
4-Chloro-3-methylphenol	1	*5*	U	*2.5*	U	*2.5*	U	**13.5**		*2.5*	U	*2.5*	U	*2.5*	U	*2.56*	U	*2.56*	U	*2.5*	U	*2.5*	U	*2.5*	U
4-Chloroaniline	5	5	U	2.5	U	2.5	U	*25*	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
4-Nitrophenol	1	*10*	U	*5*	U	*5*	U	**9.27**		*5*	U	*5*	U	*5*	U	*5.13*	U	*5.13*	U	*5*	U	*5*	U	*5*	U
Acetophenone	~	5	U	2.5	U	2.5	U	708	D	2.5	U	2.5	U	28.2		2.56	U	51.3	U	2.5	U	2.5	U	2.5	U
Aniline	5	5	U	2.5	U	2.5	U	3.46	J	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
Benzaldehyde	~	5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	4.11	J
Benzoic acid	~	5	U	2.5	U	2.5	U	978	D	2.5	U	116	D	413	D	2.56	U	51.3	U	2.5	U	2.5	U	16.7	
Benzyl alcohol	~	5	U	2.5	U	2.5	U	374	D	3.61	J	11.6		44	JD	132	D	266	D	2.5	U	2.5	U	4.48	J
Bis(2-chloroethoxy)methane	5	5	U	2.5	U	2.5	U	*25*	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethyl)ether	1	*2*	U	1	U	1	U	1	U	1	U	1	U	1	U	*1.03*	U	*1.03*	U	1	U	1	U	1	U
Caprolactam	~	5	U	2.5	U	2.5	U	2.68	J	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
Diethyl phthalate	50	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	7.8	
Di-n-octyl phthalate	50	5	U	2.5	U	2.5	U	2.89	J	2.5	U	2.5	U	2.5	U	8.02		2.56	U	2.5	U	2.5	U	2.5	U
Hexachlorocyclopentadiene	5	*10*	U	5	U	5	U	5	U	5	U	5	U	5	U	*5.13*	U	*5.13*	U	5	U	5	U	5	U
N-nitroso-di-n-propylamine	~	5	U	2.5	U	2.5	U	5.49		2.5	U	2.5	U	2.5	U	2.56	U	2.56	U	2.5	U	2.5	U	2.5	U
Phenol	1	*5*	U	*2.5*	U	*2.5*	U	**27.8**		*2.5*	U	*2.5*	U	*2.5*	U	**84.7**	JD	*51.3*	U	*2.5*	U	*2.5*	U	**4.38**	J
SVOCs, SIM Master (µg/L)																									
Dilution Factor		1		1		1		100		100		20		100		50		50		1		1		1	
Acenaphthene	20	0.1	U	0.05		1.96		0.67		5	U	0.48		0.05	U	0.174		0.0513	U	0.05	U	0.05	U	0.05	U
Acenaphthylene	~	0.1	U	0.05	U	0.62		0.05	U	5	U	0.05	U	0.05	U	0.728		0.0513	U	0.05	U	0.05	U	0.05	U
Anthracene	50	0.1	U	0.05	U	0.05	U	0.05	U	5	U	0.07		0.05	U	0.338		0.133		0.05	U	0.05	U	0.05	U
Benzo(a)anthracene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	**0.15**		*5*	U	*0.05*	U	*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Benzo(a)pyrene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	**0.12**		*5*	U	*0.05*	U	*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Benzo(b)fluoranthene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	**0.11**		*5*	U	*0.05*	U	*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Benzo(g,h,i)perylene	~	0.1	U	0.05	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U	0.0513		0.0513	U	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	**0.09**		*5*	U	*0.05*	U	*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Bis(2-ethylhexyl)phthalate	5	3.76		0.5	U	1.05	B	0.98		*50*	U	0.50	U	0.5	U	1.24	B	0.513	U	0.62	B	0.82	B	0.5	U
Chrysene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	**0.15**		*5*	U	**0.06**		*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Fluoranthene	50	0.1	U	0.05	U	0.21		0.37		5	U	0.16		0.18		0.0718		0.0513	U	0.05	U	0.05		0.05	U
Fluorene	50	0.44		0.05	U	3		1.36		5	U	0.09		0.05	U	0.554		0.0513	U	0.29		0.28		0.26	
Hexachlorobenzene	0.04	0.04	U	0.02	U	0.02	U	0.02	U	*2*	U	0.02	U	0.02	U	0.0205	U	0.0205	U	0.02	U	0.02	U	0.02	U
Hexachlorobutadiene	0.5	*1*	U	0.5	U	0.5	U	0.5	U	*50*	U	0.50	U	0.5	U	*0.513*	U	*0.513*	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	1	U	0.5	U	0.5	U	0.5	U	*50*	U	0.50	U	0.5	U	0.513	U	0.513	U	0.5	U	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	*0.1*	U	*0.05*	U	*0.05*	U	*0.05*	U	*5*	U	*0.05*	U	*0.05*	U	*0.0513*	U	*0.0513*	U	*0.05*	U	*0.05*	U	*0.05*	U
Naphthalene	10	0.1	U	1.2		3.72		**300**	D	**331**	D	**59.60**	D	**318**	D	**130**	BD	**181**	BD	0.05	U	0.09	B	0.73	B
Nitrobenzene	0.4	*0.5*	U	0.25	U	0.25	U	0.25	U	*25*	U	0.25	U	0.25	U	0.256	U	0.256	U	0.25	U	0.25	U	0.25	U
Pentachlorophenol	1	0.5	U	0.25	U	0.25	U	0.25	U	*25*	U	0.25	U	0.25	U	0.256	U	0.256	U	0.25	U	0.25	U	0.25	U
Phenanthrene	50	0.1	U	0.05	U	3.82		1.34		5	U	0.35		0.31		0.359		0.133		0.05	U	0.05	U	0.05	U
Pyrene	50	0.16		0.05	U	0.25		0.39		5	U	0.13		0.08		0.0821		0.0513	U	0.05	U	0.05	U	0.07	

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
1st 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_2021.11.08		MW-08_2021.11.09		MW-29_2021.11.08		MW-40_2021.11.10		MW-40D_2021.11.09		MW-41_2021.11.10		MW-41D_2021.11.09		MW-42_2021.11.08		MW-42D_2021.11.08		MW-43_2021.11.08		DUP_2021.11.08		Filed Blank_2021.11.08	
Sampling Date		11/8/2021		11/9/2021		11/8/2021		11/10/2021		11/9/2021		11/10/2021		11/9/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021		11/8/2021	
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		100				1		100		1		100		10		5		5		1		1		1	
Aluminum	~	69,500		NT		165		8,460		86.6		50,000		25,700		11,700		17,800		12,500		8,810		55.6	U
Barium	1,000	96.7		NT		205		225		112		99.9		53.2		30.5		39.6		219		178		27.8	U
Calcium	~	30,300		NT		111,000		68,100	B	226,000		56,900	B	15,200		25,300		22,500		346,000		333,000		55.6	U
Chromium	50	**3,580**		NT		5.56	U	**583**		6.69		**83.7**		**240**		**115**		**347**		**85.1**		**52.9**		5.56	U
Cobalt	~	5.85		NT		4.44	U	4.44	U	7.02		17.8		6.42		4.44	U	4.44	U	15.4		10.3		4.44	U
Copper	200	130		NT		22.2	U	**1,160**		22.2	U	**820**		**389**		**626**		**1,040**		60.7		45.3		22.2	U
Iron	~	14,600		NT		11,100		330		28,100		1,220		1,870		522		850		27,100		19,000		369	
Lead	25	17.900		NT		5.56	U	**158**		5.56	U	20.1		20.4		**195**		**151**		**147**		**94.9**		5.56	U
Magnesium	35,000	4,300		NT		18,700		1,450		**39,000**		220		2,970		3,050		2,100		**112,000**		**120,000**		55.6	U
Manganese	300	**3,260**		NT		**777**		38.6		**13,200**		52.9		**416**		103		75.2		**1,020**		**636**		5.56	U
Nickel	100	**207**		NT		11.1	U	47.8		11.1	U	**281**		11.1	U	11.1	U	22.8		56.2		35.4		11.1	U
Potassium	~	17,500	B	NT		15,000	B	64,100		6,520		707,000	D	323,000	D	19,400	B	21,800	B	8,460	B	9,470	B	297	B
Silver	50	19.2		NT		5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Sodium	20,000	**17,900,000**	D	NT		11,900		**17,600,000**	D	**775,000**		**18,900,000**	D	**5,550,000**	D	**4,260,000**	D	**6,760,000**	D	**62,100**		**66,900**		2,670	
Vanadium	~	2,030		NT		11.1	U	714		11.1	U	1,370		352		787		833		32.3		22.1		11.1	U
Zinc	2,000	27.8	U	NT		35		27.8	U	27.8	U	27.8	U	27.8	U	27.8	U	30.5		102		95.9		27.8	U
ICP Dissolved Metals (µg/L)																									
Dilution Factor		100		1		1		100		1		100		5		5		5		1		1		1	
Aluminum	~	69,700		55.6	U	74.9		8,050		136		53,100		29,000		11,200		NT		2,860		1,310		125	
Barium	1,000	27.8	U	161		183		202		114		83.6		31.600		27.8	U	40.4		100		86.8		27.8	U
Calcium	~	22,300		126,000		108,000		76,000		261,000		57,000		12,400		23,200		21,600		305,000		298,000		55.6	U
Chromium	50	**3,480**		5.56	U	5.56	U	**554**		7.3		**77.5**		**272**		**113**		**335**		18.3		12.1		5.56	U
Cobalt	~	4.44	U	4.44	U	4.44	U	4.44	U	7.1		15.9		5.48		4.44	U	4.44	U	4.44	U	4.44	U	4.44	U
Copper	200	65.7		22.2	U	22.2	U	**3,020**		22.2	U	**1,030**		**402**		**617**		**1,060**		22.2	U	22.2	U	22.2	U
Iron	~	321		278	U	5,860		278	U	15,900	B	751	B	412	B	406		1,360		3,590		2,060		278	U
Lead	25	6.52		5.56	U	5.56	U	**154**		5.56	U	17.2		19.6		**185**		**142**		17.6		9.6		5.56	U
Magnesium	35,000	55.6	U	24,800		18,800		1,350		**45,200**		89.8		55.6	U	2,900		1,930		**104,000**		**96,000**		55.6	U
Manganese	300	**456**		**1,460**		**746**		33		**15,000**		52.8		23.3		85.1		77.1		117		84.9		5.56	U
Nickel	100	**165**		11.1	U	11.1	U	44		11.1	U	**266**		26.4		11.1	U	17.4		11.1	U	11.1	U	11.1	U
Potassium	~	19,000	B	5,050	B	14,800	B	71,000	B	7,920	B	NT		405,000	BD	18,300	B	20,400	B	5,940	B	5,450	B	314	B
Silver	50	13.7		5.56	U	5.56	U	5.560	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.560	U	5.56	U
Sodium	20,000	**19,200,000**	BD	**77,600**	B	12,600	B	**17,600,000**	BD	**793,000**	B	**19,400,000**	BD	**6,620,000**	BD	**4,100,000**	BD	**6,930,000**	BD	**62,400**	B	**61,200**	B	3,190	B
Vanadium	~	2,170		11.1	U	11.1	U	694		11.1	U	1,480		414		776		802		11.1	U	11.1	U	11.1	U
Zinc	2,000	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U	27.8	U	40.7		27.8	U	27.8	U	27.8	U
ICPMS Metals (µg/L)																									
Dilution Factor		1				1		1		1		1		1		1		1		1		1		1	
Antimony	3	1.11	U	NT		1.11	U	2.88		1.11	U	**5.580**		1.99		2.600		2.89		1.11	U	1.11	U	1.11	U
Arsenic	25	**927**		NT		1.11	U	**352**		**25.8**		**544**		**193**		**206**		**259**		4.97		3.66		1.11	U
Beryllium	3	0.333	U	NT		0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.347		0.333	U	0.333	U
Cadmium	5	0.556	U	NT		0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	**264**	B	NT		1.52	B	**252**		5.26		**235**		**86.5**		**52.7**	B	**90.2**	B	**10.6**	B	8.45	B	1.11	U
Thallium	~	1.11	U	NT		1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
ICPMS Dissolved Metals (µg/L)																									
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1		1	
Antimony	3	1.69		1.11	U	1.11	U	2.54		1.11	U	**4.36**		**3.33**		**3.6**		**4.52**		1.11	U	1.11	U	1.11	U
Arsenic	25	**1,010**		4.44		2.56		**335**		13.8		**549**		**213**		**217**		**264**		1.26		1.11	U	1.11	U
Selenium	10	**285**		1.11	U	1.11	U	**253**		4.14		**212**		**88.8**		**56.9**		**82.8**		3.76		8.93		1.11	U
Mercury (µg/L)	0.7	**1.1**		NT		0.2	U	0.2	U	0.2	U	0.3		0.2	U	0.5		0.7		0.2	U	0.2	U	0.2	U
Dissolved Mercury (µg/L)	0.7	**1.1**		0.2	U	0.2	U	0.2		0.2	U	0.3		0.2		0.5		0.2	U	0.2	U	0.2		0.2	U
Alkalinity, total (µg/L)	~	6,000,000		440,000		360,000		2,800,000		660,000		4,800,000		3,700,000		1,700,000		2,600,000		350,000		300,000		4,000	
Sulfate (µg/L)	~	28,900,000	D	139,000	D	15,100	D	27,800,000	D	1,130,000	D	32,000,000	D	12,500,000	D	7,260,000	D	12,100,000	D	596,000	D	656,000	D	1,000	U

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