

Curley, Ruth E (DEC)

From: Ryan Wohlstrom <RWohlstrom@Langan.com>
Sent: Tuesday, May 17, 2022 12:41 PM
To: Curley, Ruth E (DEC)
Subject: C203077 - Monthly Report for April 2022
Attachments: Enclave on 241st Street - April 2022 Monthly Progress Report.pdf; Figure_Pile Location.pdf

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Hi Ruth,

Please see attached monthly report for April 2022 for the Enclave on 241st Street BCP Site.

Please also be advised that one foundation pile is scheduled to be installed onsite this Thursday, May 19th. The pile will be installed in the southeastern portion of the Site (see attached). A Langan field engineer will be onsite full time and the drilling for the pile will be completed in accordance with the requirements of the RAWP. Note that this pile will be installed instead of the footing that was discussed in my prior emails. CAMP will be implemented by Langan during the forthcoming intrusive activities.

Please let me know if you have any questions.

Thanks,
-Ryan

Ryan J Wohlstrom
Senior Project Manager

LANGAN

Direct: 203.784.3069
Mobile: 203.464.2731
[File Sharing Link](#)
www.langan.com

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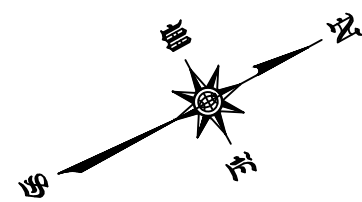
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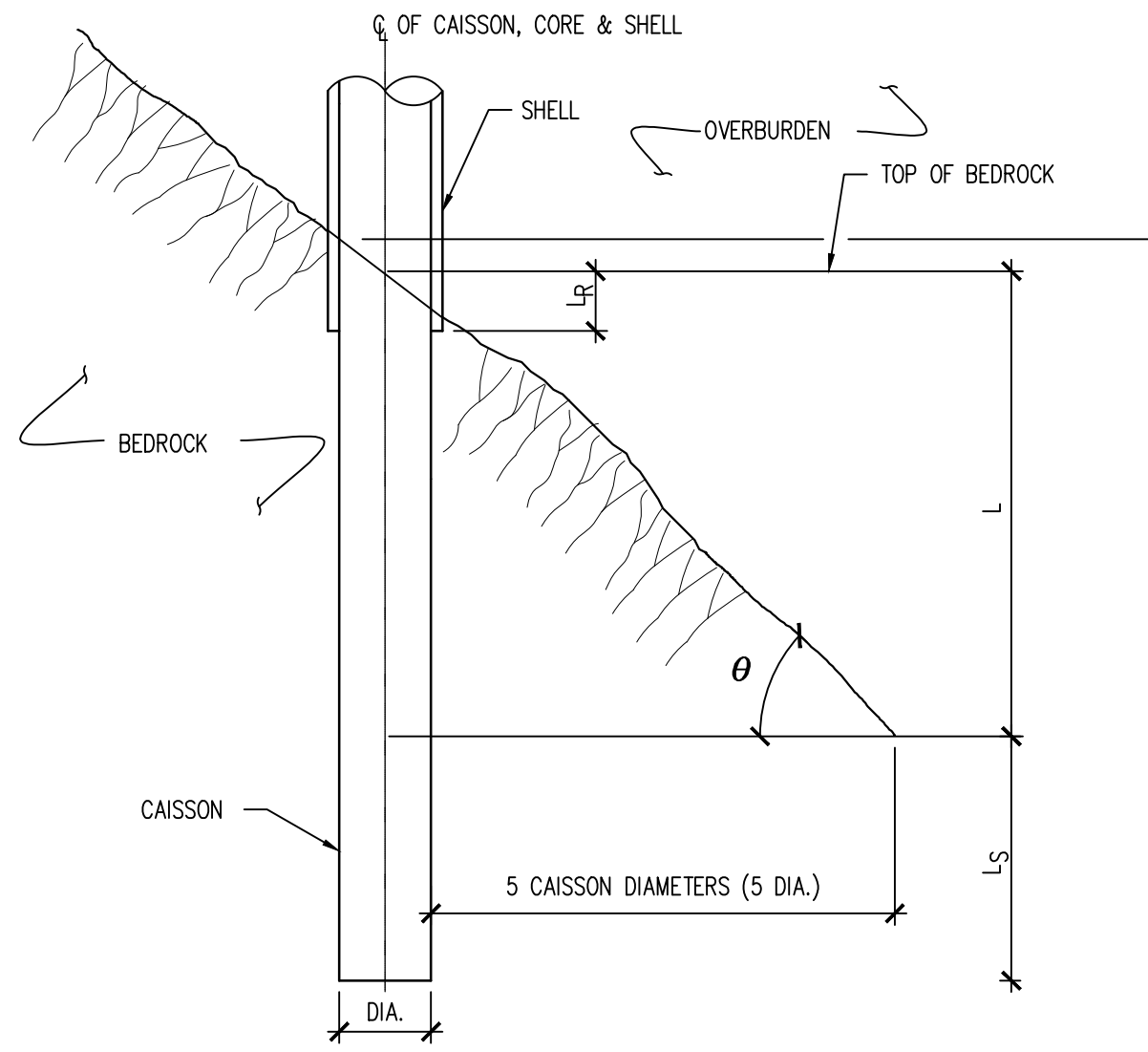


FOUNDATION PHASE I PLAN

1/16" = 1'-0"

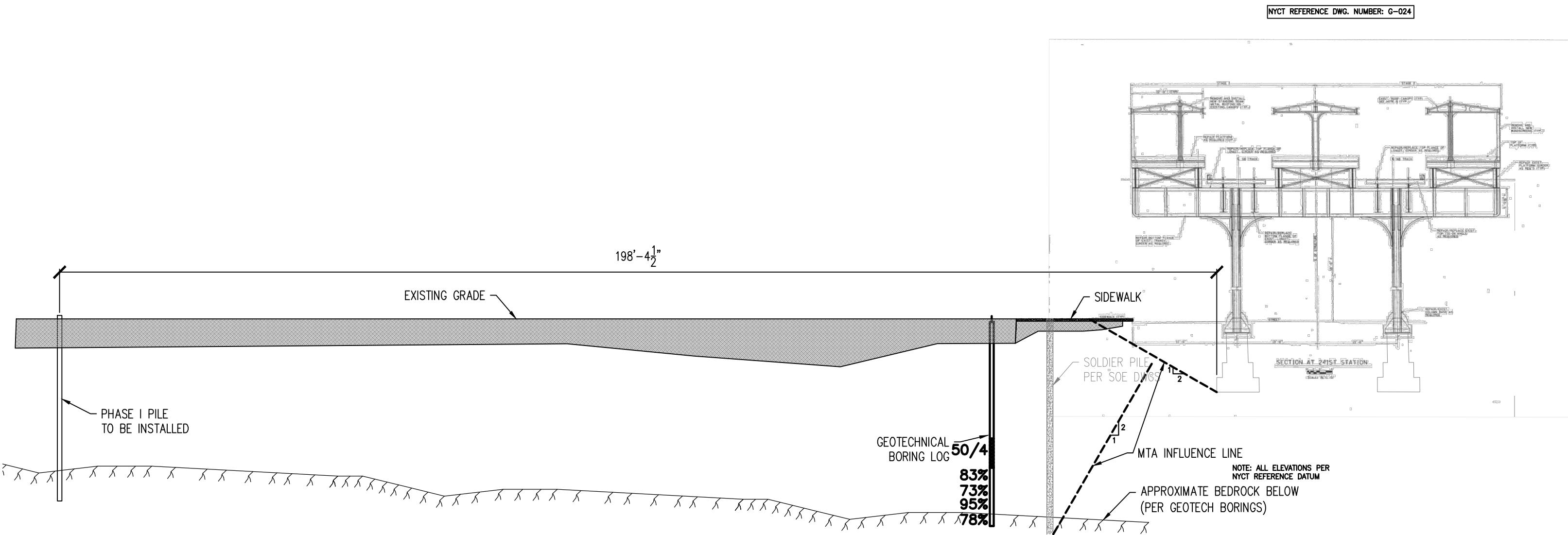


NYCT REFERENCE DWG. NUMBER:
FILE NO. 2802; DWG NO. 7



TYPICAL CAISSON SOCKET IN BEDROCK

1/4" = 1'-0"
L_R : LENGTH TO SECURE A SEAL BETWEEN THE SHELL AND BEDROCK TO EXCLUDE SOIL.
FOR ESTIMATING PURPOSES ASSUME
 $L_R = 1.5 \times \text{DIA. TAN } \theta$
L_E : LENGTH TO PENETRATE 5 CAISSON DIAMETERS HORIZONTAL DISTANCE FROM LOCAL INFERRED
BEDROCK SLOPE; ESTIMATED FROM BEDROCK CONTOURS.
 $L_E = 10' \times \frac{5 \text{ DIA. } A}{A}$
 $L_E = 50A$
WHERE A = HORIZONTAL DISTANCE BETWEEN 10' CONTOURS BASED ON CONTOUR MAP.
L_S : SOCKET LENGTH; DETERMINED BY NYC CODE VALUES TO BE LENGTH NEEDED FOR SHAFT
AND END BEARING SUPPORT.



FOUNDATION PHASE I SECTION

1/16" = 1'-0"

PROPOSED NEW MIXED USE
DEVELOPMENT FOR:

700

700 E. 241ST ST.
BRONX, NY, 10470

LOT: 1, 9, 12
BLOCK: 5087 (A.R. 16, 18, 54 & 45)

ARCHITECT:
AUFANG ARCHITECTS LLC
74 LAFAYETTE AVENUE - SUITE 301
SUFFERN, NY 10901
INFO@AUFANG.COM 845.368.0004

OWNER:
ENCLAVE EQUITIES
15 SOUTH 5TH AVE.
MT VERNON, NY 10550
TEL: 914.285.1430

STRUCTURAL ENGINEER:
MSP ENGINEERING INC., P.C.
461 PARK AVE SOUTH,
5TH FLOOR,
NEW YORK, NY 10016

MEP ENGINEER:
ETTINGER ENGINEERING
ASSOCIATES
505 8TH AVE.
24TH FLOOR
NEW YORK, NY 10018
TEL: 212.244.2410

CIVIL ENGINEER:
LANGAN ENGINEERING &
ENVIRONMENTAL SERVICES
360 W. 31ST STREET,
8TH FLOOR
NEW YORK, NY 10001
TEL: 212.479.5400

AUFANG
ARCHITECTS

04.21.22	FOR MTA REVIEW
03.08.21	PROGRESS TO WVA
02.18.21	MTA RESUBMISSION
02.05.21	MTA RESUBMISSION
12.05.20	MTA SUBMISSION
DATE	SUBMISSIONS / REVISIONS

SHEET TITLE:

NYCT STRUCTURAL
LAYOUT PLANS
PHASE I FOUNDATION

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ISSUE DATE:	PROJECT NO:
07.10.19	190150.00
DRAWN BY:	CHECKED BY:
JL	DP
SCALE:	SHEET NO:
AS NOTED	3 of 4
DRAWING NO:	

M-003.00

NYC DOB NUMBER:

April 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 April 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

From 10 through 14 April 2022, a waste characterization program was performed by Langan in areas of proposed excavation and off-site disposal. The previously NYSDEC-approved community air monitoring plan (CAMP) was implemented during the waste characterization drilling. Additionally, the fourth round of post-remediation groundwater sampling was performed on 18 and 20 April 2022.

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

Preliminary foundation construction activities (the installation of one pile) will take place around 18 May 2022. In order for property to qualify for the 421a tax exemption, the Site must have laid at least one foundation footing or pile by 15 June 2022; therefore, it is the Volunteer’s intention to do so. The pile will be installed in the southeastern portion of the Site (where petroleum-

impacted soil has not been identified). A Langan field engineer will be onsite full time and the drilling will be completed in accordance with the requirements of the RAWP. Moreover, CAMP will be implemented during the forthcoming intrusive activities. Access to the site will be limited to authorized guests via a site-wide perimeter fence with a locking gate.

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 fourth round of post-remediation groundwater sampling was conducted on 18 and 20 April 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. The results Langan's waste characterization program will be provided under separate cover upon completion.

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

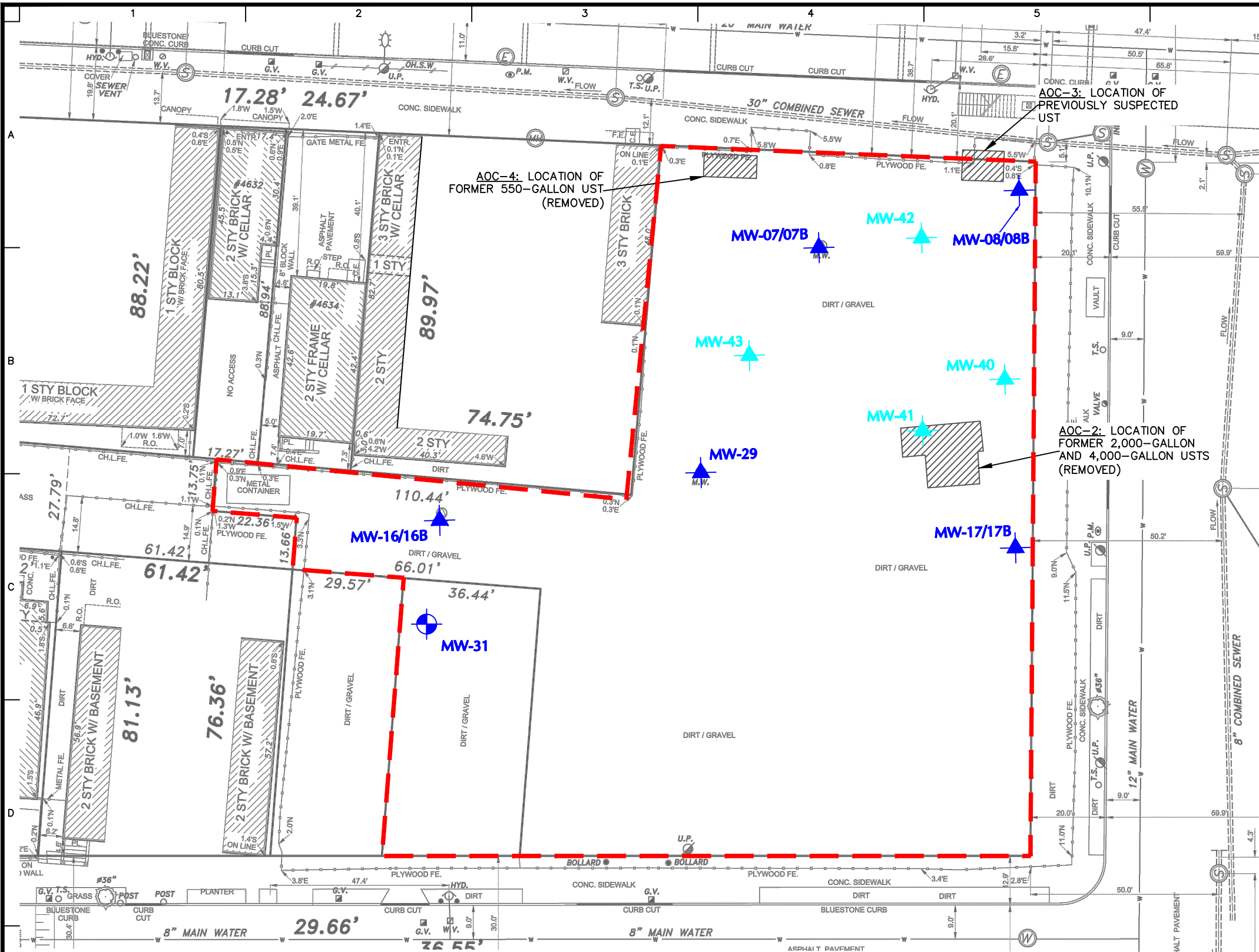
Attachment 3 – Fourth Round of Post-Injection Groundwater Analytical Results

ATTACHMENT 1



SITE LOCATION MAP
C203077
ENCLAVE ON 241ST STREET
DEVELOPMENT

ATTACHMENT 2

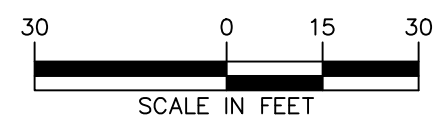
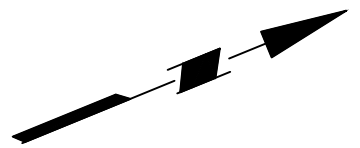


NOTES

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



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	Drawing Title	Project No.	Drawing No.
	ENCLAVE ON 241ST STREET DEVELOPMENT	SITE LAYOUT MAP	140115301	2
	NEW YORK		Date	
	BRONX	NEW YORK	AUGUST 2020	
			Drawn By	Sheet 2 of 2
			KT	
			Checked By	
			RJW	

ATTACHMENT 3

Attachment 3
4th 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-40D		MW-41		MW-42		MW-42D		MW-43		Field Blank	
Sample ID		MW-7B_2022.04.18		MW-08_2022.04.20		MW-29_2022.04.18		DUP_2022.04.18		MW-40D_2022.04.20		MW-41_2022.04.20		MW-42_2022.04.20		MW-42D_2022.04.18		MW-43_2022.04.18		Filed Blank_2022.04.18	
Sampling Date		4/18/2022		4/20/2022		4/18/2022		4/18/2022		4/20/2022		4/20/2022		4/20/2022		4/18/2022		4/18/2022		4/18/2022	
Compound		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		1		50		2		10		200		1		1	
Dilution Factor																					
1,1,1,2-Tetrachloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.2	U	15.0		0.2	U	0.2	U	706	D	88.5	D	187	D	860	D	0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	0.04	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	10	U	0.4	U	2	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	10	U	0.4	U	2	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	92	D	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.2	U	4.34		0.2	U	0.2	U	152	D	28.5	D	85	D	213	D	0.2	U	0.2	U
1,3-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
2-Butanone	50	0.2	U	0.2	U	0.2	U	0.2	U	199	D	3.9	D	2	U	20	U	0.2	U	0.2	U
2-Hexanone	50	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Acetone	50	44.5		7.6		2.78		2.08		409	D	2	U	10	U	200	D	1	U	1	U
Benzene	1	0.3	J	0.2	U	0.2	U	0.2	U	2,680	D	12.3	D	41	D	3,760	D	0.2	U	0.2	U
Bromochloromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Bromoform	50	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Bromomethane	5	0.4	J	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Carbon disulfide	~	0.2	J	0.2	U	0.2	U	0.2	U	10	U	0.9	JD	2	U	20	U	4.5		0.2	U
Carbon tetrachloride	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Chlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Chloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Chloroform	7	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Chloromethane	5	3.2		0.2	U	0.2	U	0.2	U	10	U	0.6	JD	2	U	20	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	1.87		10	U	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Cyclohexane	~	0.2	U	0.2	U	0.2	U	0.2	U	10	U	15.9	D	57	D	199	D	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Ethyl Benzene	5	0.2	U	4.75		0.2	U	0.2	U	729	D	40.3	D	89	D	1,250	D	0.2	U	0.2	U
Hexachlorobutadiene	0.5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Isopropylbenzene	5	0.2	U	1.41		0.2	U	0.2	U	22.5	JD	4.2	D	10.8	D	43	JD	0.2	U	0.2	U
Methyl acetate	~	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	0.2	U	0.2	U	0.2	U	1,930	D	57.7	D	28	D	151	D	0.2	U	0.2	U
Methylcyclohexane	~	0.2	U	0.2	U	0.36	J	0.33	J	10	U	17.3	D	50	D	84	D	0.2	U	0.2	U
Methylene chloride	5	1.0	U	1	U	1	U	1	U	301	D	5.4	BD	42	BD	100	U	1	U	4.2	
n-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
n-Propylbenzene	5	0.2	U	3.47		0.2	U	0.2	U	55	D	12.9	D	24	D	93	D	0.2	U	0.2	U
o-Xylene	5	0.2	U	0.78		0.2	U	0.2	U	116	D	61.7	D	195	D	2,440	D	0.2	U	0.2	U
p- & m- Xylenes	~	0.5	U	6.6		0.5	U	0.5	U	965	D	152	D	359	D	4,350	D	0.5	U	0.5	U
p-Isopropyltoluene	5	0.2	U	0.22	J	0.2	U	0.2	U	10	U	0.9	JD	3.100	JD	20	U	0.2	U	0.2	U
sec-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	1.2	D	3	JD	20	U	0.2	U	0.2	U
Styrene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	25	U	1	U	5,000	U	50	U	0.5	U	0.5	U
tert-Butylbenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Tetrachloroethylene	5	3.9		0.2	U	0.64		0.63		10	U	0.4	U	2	U	20	U	1.79		0.2	U
Toluene	5	0.2	U	0.2	U	0.2	U	0.2	U	596	D	57.5	D	221	D	8,840	D	0.2	U	0.2	U
trans-1,2-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	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	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Trichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Vinyl Chloride	2	0.2	U	0.2	U	0.2	U	0.2	U	10	U	0.4	U	2	U	20	U	0.2	U	0.2	U
Xylenes, Total	5	0.6	U	7.3		0.6	U	0.6	U	1,080	D	214	D	554	D	6,790	D	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
4th 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-40D		MW-41		MW-42		MW-42D		MW-43		Field Blank	
Sample ID		MW-7B_2022.04.18		MW-08_2022.04.20		MW-29_2022.04.18		DUP_2022.04.18		MW-40D_2022.04.20		MW-41_2022.04.20		MW-42_2022.04.20		MW-42D_2022.04.18		MW-43_2022.04.18		Filed Blank_2022.04.18	
Sampling Date		4/18/2022		4/20/2022		4/18/2022		4/18/2022		4/20/2022		4/20/2022		4/20/2022		4/18/2022		4/18/2022		4/18/2022	
Compound		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		10		1		1		20		1		1	
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4,5-Trichlorophenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dimethylphenol	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,6-Dinitrotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorophenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Methylnaphthalene	~	2.5	U	2.6	J	2.5	U	2.5	U	43.9	JD	4.6	J	2.5	U	88	JD	2.5	U	2.5	U
2-Methylphenol	1	2.5	U	2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Nitrophenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
3- & 4-Methylphenols	1	2.5	U	2.5	U	2.5	U	2.5	U	22.2		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloroaniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitrophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetophenone	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Aniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzaldehyde	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzoic acid	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzyl alcohol	~	2.5	U	2.5	U	2.5	U	2.5	U	18.7		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethyl)ether	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Caprolactam	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Diethyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-octyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	J	2.5	U	2.5	U
Hexachlorocyclopentadiene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-nitroso-di-n-propylamine	~	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Phenol	1	2.5	U	2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
SVOCs, SIM Master (µg/L)																					
Dilution Factor		1		1		1		ug/L		ug/L		ug/L		ug/L		ug/L		1		ug/L	
Acenaphthene	20	0.05	U	0.05	U	1.03		0.91		0.5	U	0.13		0.05		5	U	0.05	U	0.05	U
Acenaphthylene	~	0.05	U	0.08		0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Anthracene	50	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Benzo(a)anthracene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05		0.05	U	5	U	0.05	U	0.05	U
Benzo(a)pyrene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Benzo(b)fluoranthene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	~	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Benzo(k)fluoranthene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Bis(2-ethylhexyl)phthalate	5	0.72	B	1.28		1.81	B	1.52	B	5	U	1.86		0.7		50	U	0.9	B	1.4	B
Chrysene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Fluoranthene	50	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.11		0.05	U	5	U	0.05	U	0.05	U
Fluorene	50	0.05	U	0.06		0.43		0.69		0.5	U	0.14		0.11		5	U	0.05	U	0.05	U
Hexachlorobenzene	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.2	U	0.02	U	0.02	U	2	U	0.02	U	0.02	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	5	U	0.5	U	0.5	U	50	U	0.5	U	0.5	U
Hexachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	5	U	0.5	U	0.5	U	50	U	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.5	U	0.05	U	0.05	U	5	U	0.05	U	0.05	U
Naphthalene	10	0.08		4.15		0.05	U	0.14		1	U	8	D	2.4	D	261	D	0.21		0.05	
Nitrobenzene	0.4	0.25	U	0.25	U	0.25	U	0.25	U	2.5	U	0.25	U	0.25	U	25	U	0.25	U	0.25	U
Pentachlorophenol	1	0.25	U	0.25	U	0.25	U	0.25	U	2.5	U	0.25	U	0.25	U	25	U	0.25	U	0.25	U
Phenanthrene	50	0.05	U	0.05	U	0.05	U	0.1	U	0.5	U	0.35		0.06		5	U	0.05	U	0.05	U
Pyrene	50	0.05	U	0.05	U	0.05	U	0.06		0.5	U	0.1		0.05	U	5	U	0.1	U	0.05	U

NOTES:
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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-40D		MW-41		MW-42		MW-42D		MW-43		Field Blank	
Sample ID		MW-7B_2022.04.18		MW-08_2022.04.20		MW-29_2022.04.18		DUP_2022.04.18		MW-40D_2022.04.20		MW-41_2022.04.20		MW-42_2022.04.20		MW-42D_2022.04.18		MW-43_2022.04.18		Filed Blank_2022.04.18	
Sampling Date		4/18/2022		4/20/2022		4/18/2022		4/18/2022		4/20/2022		4/20/2022		4/20/2022		4/18/2022		4/18/2022		4/18/2022	
Compound		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		10		1		1		1		10		10		1		10				1	
Aluminum		3,970	BD	1,760		277.0	B	209	B	180		11,200		1,680		6,490	BD	NT		150.0	B
Barium	1,000	278	U	150		188		184		85		41		31.3		278	U	NT		27.8	U
Calcium	~	134,000	D	118,000	B	148,000		147,000		397,000	B	21,100	B	23,900	B	325,000	D	NT		56	U
Chromium	50	111	D	9.18		6.68		6.84		22.3		35.3		8.28		56	U	NT		5.56	U
Cobalt	~	44.4	U	4.44	U	4.44	U	4.44	U	4.44	U	23.20		4.44	U	44.4	U	NT		4.44	U
Copper	200	222	U	22.2	U	22.2	U	22.2		22.2	U	116		116		292.0	D	NT		22.2	U
Iron	~	7260	D	4900		18,800	U	18,500	U	2,530		765		1,340		4,780	D	NT		278	U
Lead	25	55.6	U	5.56	U	13		13.2		5.56	U	29.3		67		77.9	D	NT		5.56	U
Magnesium	35,000	48,000	D	16,400		22,800		22,600		60,100		314		3,300		108,000	D	NT		55.6	U
Manganese	300	303	D	315		1,090		1,030		17.8		17.8		368		14,800	D	NT		5.56	U
Nickel	100	111	U	11.1	U	26.3		27.1		11.1	U	11.1	U	11.1	U	111	U	NT		11.1	U
Potassium	~	3060	BD	4990		15,600	B	15,100	B	7,920		204,000		4,550		15,600	BD	NT		55.6	U
Silver	50	55.6	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	55.6	U	NT		5.56	U
Sodium	20,000	1,670,000	D	30,900		21,900		21,300		2,830,000	D	2,430,000	D	472,000		3,270,000	D	NT		556	U
Vanadium	~	111	U	11.1	U	11.1	U	11.1	U	15.8		94		55.5		111	U	NT		11.1	U
Zinc	2,000	448	D	38.1		49.7		50		27.8	U	27.8	U	70.8		510	D	NT		27.8	U
ICP Dissolved Metals (µg/L)																					
Dilution Factor		10		1		1		1		10		10		1		10		1		1	
Aluminum	~	1,120	D	748	B	56	U	56	U	191	B	11,500	B	1,030	B	2,550	D	63		55.6	U
Barium	1,000	278	U	129		153		152		89		36		27.8	U	278	U	70.8		27.8	U
Calcium	~	117,000	D	126,000	B	141,000		140,000		467,000	B	21,400	B	25,800	B	346,000	D	313,000		170	U
Chromium	50	112.0	D	5.8		5.56	U	5.56	U	22.70		36.1		8.6		56	U	5.56	U	5.56	U
Cobalt	~	44.4	U	4.4	U	4.44	U	4.44	U	4.44	U	24.6		4.44	U	44.4	U	4.44	U	4.44	U
Copper	200	222	U	22		22.2	U	22.2		22.2	U	120		94		238	D	22.2	U	22.2	U
Iron	~	2,780	U	1,270		12,800		13,000		3,600		884		556		2,780	U	278	U	278	U
Lead	25	55.6	U	5.6	U	5.56	U	5.56	U	5.56	U	16.1		13		80.3	D	5.56	U	5.56	U
Magnesium	35,000	50,200	D	17,000		21,000		21,200		72,000		239		3,750		138,000	D	103,000		55.6	U
Manganese	300	56	U	210		972		963		34,000		12.8		257		18,700	D	20.4		5.56	U
Nickel	100	111	U	11	U	24.7		28.8		11.1	U	11.1	U	11.1	U	111	U	11.1	U	11.1	U
Potassium	~	4,030	D	5,300		13,600		13,700		9,780		207,000		5,360		18,000	D	3,970		56	U
Silver	50	NT		5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	55.60	U	5.56	U	5.56	U
Sodium	20,000	1,630,000	D	29,500		20,100		20,100		3,070,000	D	2,470,000	D	561,000		3,760,000	D	57,700		556	U
Vanadium	~	NT		11.1	U	11.1	U	11.1	U	16.3		95		62.1		111	U	11.1	U	11.1	U
Zinc	2,000	NT		28	U	46.5		42.5		27.8	U	44.3		36.9		453	D	27.8	U	27.8	U
ICPMS Metals (µg/L)																					
Dilution Factor		1		1		1		1		1		1		1		1				1	
Antimony	3	1	U	1.11	U	1	U	1	U	1.11	U	5.480		6.69		1.45		NT		1	U
Arsenic	25	8.77		2.59		3.85		3.78		13.2		21		19.3		19.6		NT		1	U
Beryllium	3	0.3	U	0.333	U	0.3	U	0.3	U	0.333	U	0.333	U	0.333	U	0.3	U	NT		0.3	U
Cadmium	5	0.5	U	0.556		0.5	U	0.5	U	0.556	U	0.556	U	0.556	U	0.5	U	NT		0.5	U
Selenium	10	14		1.11	U	1.61		1.12		11.70		8.2		1.11	U	5.7		NT		1	U
Thallium	~	1	U	1.11	U	1	U	1	U	1.11	U	1.11	U	1.11	U	1	U	NT		1	U
ICPMS Dissolved Metals (µg/L)																					
Dilution Factor		1		1		1		1		1		1		1		1		1		1	
Antimony	3	1.00	U	1.11	U	1	U	1	U	1.11	U	5.69		6.4		1	U	1	U	1	U
Arsenic	25	1		1	U	2.37		2.45		12.2		20		19.5		135		1	U	1	U
Selenium	10	8.6		1.1	U	2.14		1	U	7.99		8.0		1.83		165		8.25		1	U
Mercury (µg/L)	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.4		1.5		0.5		NT		0.2	U
Dissolved Mercury (µg/L)	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2		0.7		0.2		0.2	U	0.2	U
Alkalinity, total (µg/L)	~	410,000		300,000		330,000		350,000		920,000		1,800,000		510,000		1,500,000		360,000		2,000	U
Sulfate (µg/L)	~	2,230,000	D	73,500	D	37,000		37,600		8,490,000	D	2,940,000	D	576,000	D	5,480,000	D	680,000	D	4,130	

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