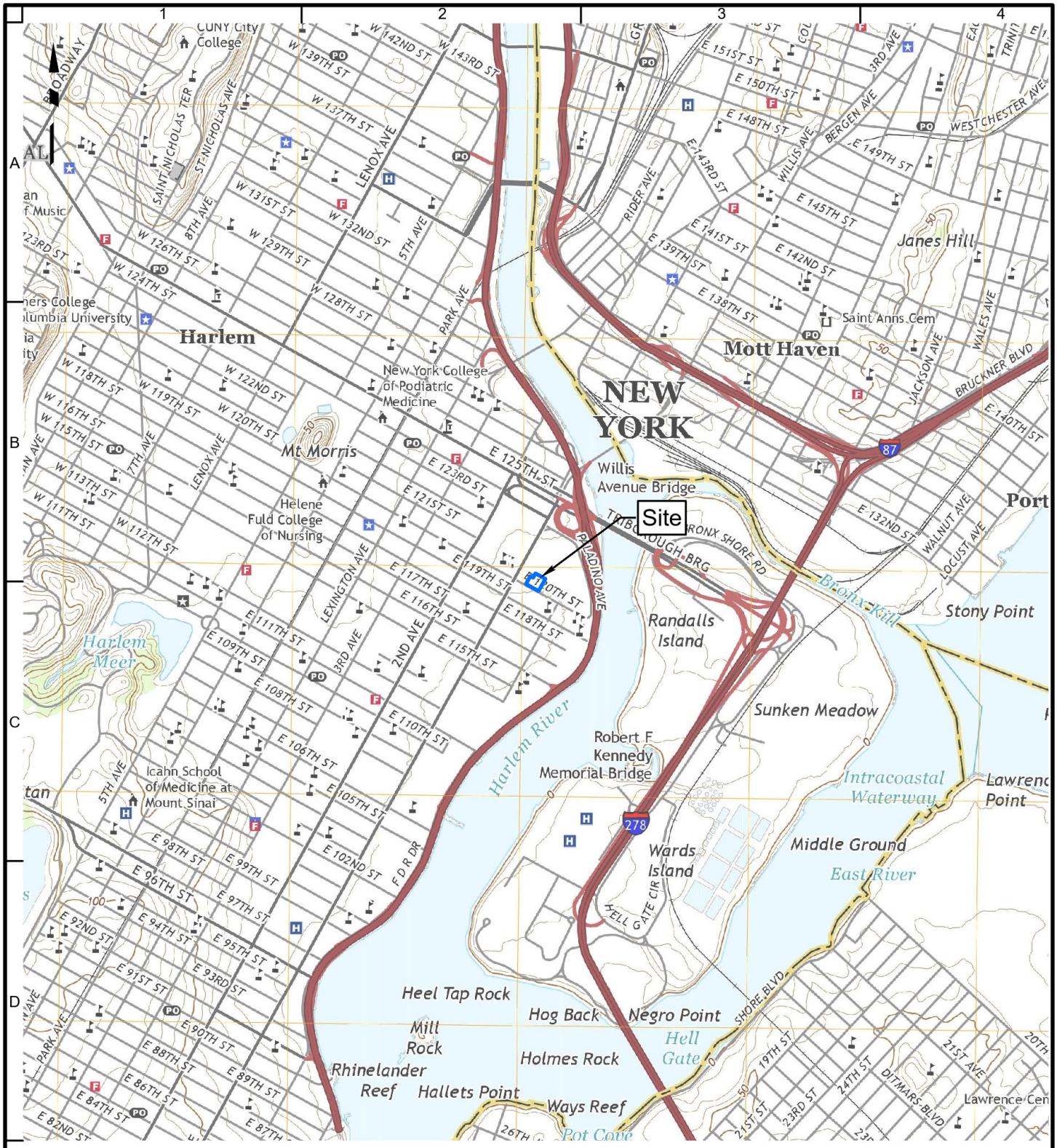
Figures



Notes:
1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Central Park, New York, Quadrangle, 2019.

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Langan International LLC

Collectively known as Langan

Project	Figure Title	Project No.	Figure No.
THE BEACON 413 EAST 120th STREET BLOCK No. 1808, LOT No. 8 NEW YORK NEW YORK	SITE LOCATION MAP	170745301	1
		Date: 10/9/2024	
		Scale: 1"=2,000'	
		Drawn By: MG	
		Submission Date:	

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Legend

Approximate Site Boundary

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 09/05/2023.

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SCALE IN FEET

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Project
THE BEACON
413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8
NEW YORK NEW YORK

Figure Title
SITE PLAN

Project No.	170745301
Date	10/9/2024
Scale	1"=50'
Drawn By	MG
Figure No.	2

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Legend

- Approximate Site Boundary
- Groundwater Elevation Contour (0.05-ft Interval)
- RI Soil Boring and Monitoring Well Location
- Groundwater Flow Direction

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Elevations shown are referenced to North American Vertical Datum of 1988 (NAVD88) as established by GPS observations.
3. elevations shown for top of monitoring well casing (TOMWC el.) were taken on the northern side of PVC monitoring well casing.
4. Elevations shown for the top of monitoring well cover (TOC el.) were taken at the center of the metal covers.
5. Elevations shown adjacent to the monitoring well casing on the ground (G el.) were taken to the north of the monitoring well.
6. Elevations shown herein were surveyed by Langan on 6/20/2025.
7. Groundwater elevation data at MW18 was excluded for the purposes of groundwater contour generation due to inconsistency with the surrounding groundwater flow pattern.
8. Due to site access restrictions, a synoptic gauging event including all wells was not able to be completed; therefore, only groundwater elevation data from MW07, MW16, and MW22 are included.

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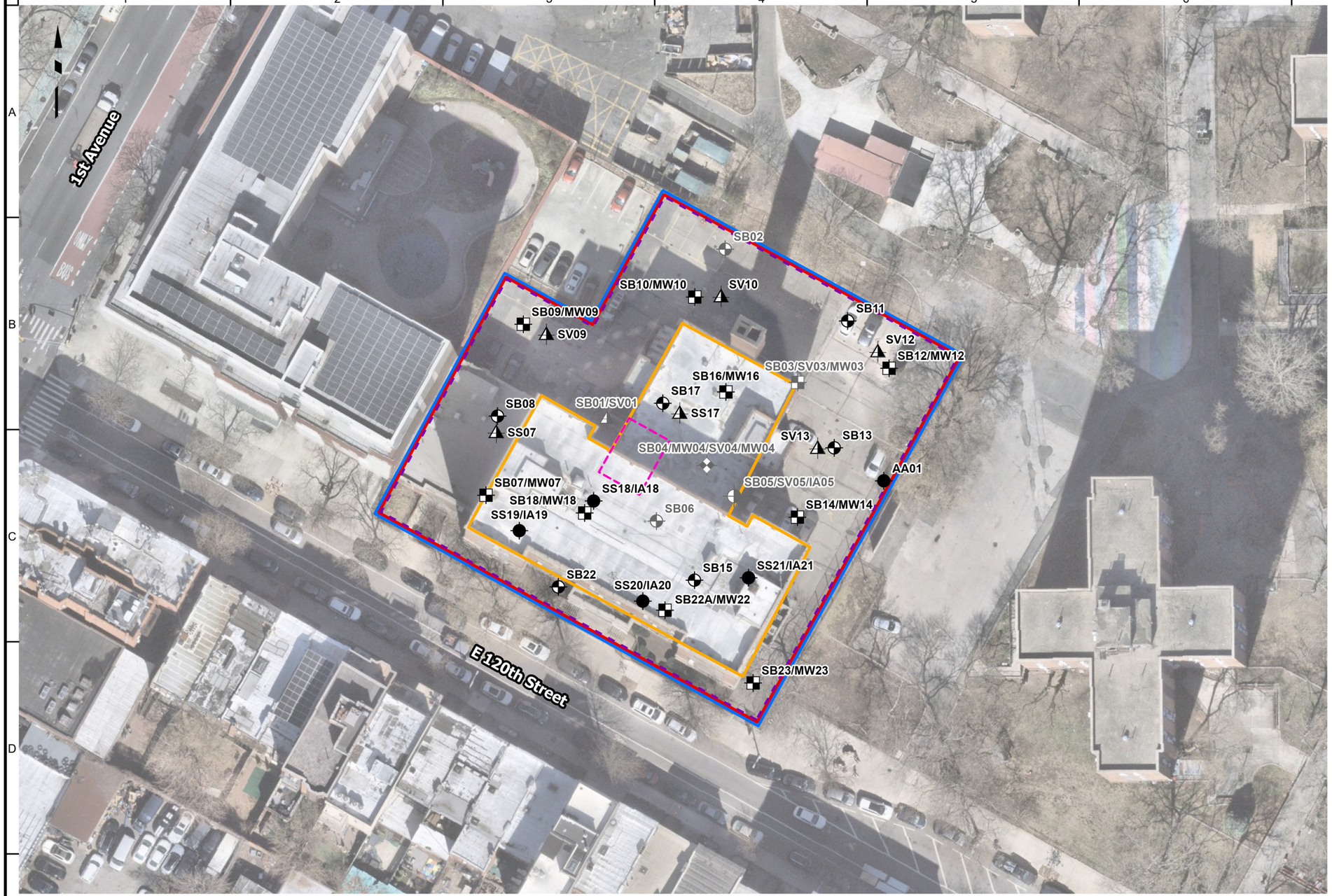
Project
THE BEACON
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BLOCK No. 1808, LOT No. 8
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Figure Title
GROUNDWATER CONTOUR MAP

Project No.	170745301
Date	11/3/2025
Scale	1"=50'
Drawn By	GS
Figure No.	3

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Legend

- Approximate Site Boundary
- AOC 1 - Petroleum- and/or Tar-related Impacts to Soil, Groundwater, and Sub-Slab Soil Vapor
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Petroleum- and PCE-Impacted Soil Vapor
- Approximate Location of ASTs
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- RI Sub-surface or Sub-Slab Soil Vapor Sample
- RI Sub-Slab Soil Vapor and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Soil Vapor, and Indoor Air Sample Location

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. SVOC - Semi-volatile Organic Compounds
3. PCE - Tetrachloroethene
4. AST - Aboveground Storage Tank

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Project
THE BEACON
413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8
NEW YORK NEW YORK

Figure Title
AREAS OF CONCERN AND RI SAMPLE LOCATION MAP

Project No. 170745301	Figure No. 4
Date 8/14/2025	
Scale 1"=50'	
Drawn By GS	

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Location	SB16
Sample Name	SB16_0-2
Sample Date	02/18/2025
Sample Depth	0-2
VOCs	
Acetone	0.011
Benzene	<0.0052 U
Total Xylenes	<0.016 U
SVOCs	
2-Methylphenol (o-Cresol)	<2.5 U
3 & 4 Methylphenol (m&p Cresol)	<2.5 U
Benzo(a)anthracene	**8.48 D**
Benzo(a)pyrene	**4.73 D**
Benzo(b)fluoranthene	**8.24 D**
Benzo(k)fluoranthene	**3.77 D**
Chrysene	**7.16 D**
Dibenz(a,h)anthracene	<2.5 U
Dibenzofuran	3.67 D
Indeno(1,2,3-cd)pyrene	**3.89 D**
Naphthalene	**18.7 D**
Phenol	<2.5 U

Location	SB10	SB10	SB10
Sample Name	SB10_0-2	SB10_10-12	DUP03_031525
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	10-12	10-12
VOCs			
Acetone	0.0064 J	<0.013 U	0.011
Benzene	<0.0064 U	<0.0066 U	<0.0047 U
Total Xylenes	<0.019 U	<0.02 U	<0.014 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.0917 U	<0.101 U	<0.102 U
3 & 4 Methylphenol (m&p Cresol)	<0.0917 U	<0.101 U	<0.102 U
Benzo(a)anthracene	**6.22 D**	<0.101 U	<0.102 U
Benzo(a)pyrene	**6.17 D**	<0.101 U	<0.102 U
Benzo(b)fluoranthene	**4.84 D**	<0.101 U	<0.102 U
Benzo(k)fluoranthene	**5.54 D**	<0.101 U	<0.102 U
Chrysene	**6.18 D**	<0.101 U	<0.102 U
Dibenz(a,h)anthracene	**0.463 D**	<0.101 U	<0.102 U
Dibenzofuran	0.334 D	<0.101 U	<0.102 U
Indeno(1,2,3-cd)pyrene	**3.97 D**	<0.101 U	<0.102 U
Naphthalene	0.189 D	<0.101 U	<0.102 U
Phenol	<0.0917 U	<0.101 U	<0.102 U

Location	SB02	SB02
Sample Name	SB02_0-2	SB02_4-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	0-2	4-5
VOCs		
Acetone	<0.01 U	<0.0099 U
Benzene	<0.00051 U	<0.0005 U
Naphthalene	<0.0041 U	<0.004 U
Total Xylenes	<0.001 U	<0.00099 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.84 U	<0.19 U
3 & 4 Methylphenol (m&p Cresol)	<1.2 U	<0.27 U
Benzo(a)anthracene	**7.3**	0.026 J
Benzo(a)pyrene	**7.6**	<0.15 U
Benzo(b)fluoranthene	**8.9**	<0.11 U
Benzo(k)fluoranthene	**2.7**	<0.11 U
Chrysene	**6.5**	0.022 J
Dibenz(a,h)anthracene	**1**	<0.11 U
Dibenzofuran	0.094 J	<0.19 U
Indeno(1,2,3-cd)pyrene	**4.2**	<0.15 U
Naphthalene	0.18 J	<0.19 U
Phenol	<0.84 U	<0.19 U

Location	SB03	SB03	SB03
Sample Name	SB03_1-2	SODUP01_100722	SB03_4-5
Sample Date	10/07/2022	10/07/2022	10/07/2022
Sample Depth	1-2	1-2	4-5
VOCs			
Acetone	<0.013 U	<0.012 U	0.022
Benzene	<0.00067 U	<0.00061 U	<0.00081 U
Naphthalene	<0.0053 U	<0.0048 U	<0.0065 U
Total Xylenes	<0.0013 U	<0.0012 U	<0.0016 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.19 U	<0.18 U	<0.18 UJ
3 & 4 Methylphenol (m&p Cresol)	<0.27 U	<0.27 U	<0.26 UJ
Benzo(a)anthracene	0.76 J	0.24 J	0.071 J
Benzo(a)pyrene	0.75 J	0.23 J	0.07 J
Benzo(b)fluoranthene	0.83 J	0.26 J	0.084 J
Benzo(k)fluoranthene	0.24	0.068 J	<0.11 U
Chrysene	0.8 J	0.25 J	0.079 J
Dibenz(a,h)anthracene	0.088 J	0.028 J	<0.11 U
Dibenzofuran	0.16 J	<0.18 U	<0.18 U
Indeno(1,2,3-cd)pyrene	0.42	0.14 J	0.045 J
Naphthalene	0.22	<0.18 U	<0.18 U
Phenol	<0.19 U	<0.18 U	<0.18 UJ

Location	SB12	SB12	SB12
Sample Name	SB12_0-2	SB12_6-8	SB12_10-12
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
VOCs			
Acetone	<0.01 U	<0.0092 U	<0.012 U
Benzene	<0.0052 U	<0.0046 U	<0.0062 U
Total Xylenes	<0.015 U	<0.014 U	<0.019 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.0965 U	<0.0998 U	<0.102 U
3 & 4 Methylphenol (m&p Cresol)	<0.0965 U	<0.0998 U	<0.102 U
Benzo(a)anthracene	**14.9 D**	<0.0998 U	<0.102 U
Benzo(a)pyrene	**15.5 D**	<0.0998 U	<0.102 U
Benzo(b)fluoranthene	**11.2 D**	<0.0998 U	<0.102 U
Benzo(k)fluoranthene	**13 D**	<0.0998 U	<0.102 U
Chrysene	**14.5 D**	<0.0998 U	<0.102 U
Dibenz(a,h)anthracene	**1.37 D**	<0.0998 U	<0.102 U
Dibenzofuran	2.81 D	<0.0998 U	<0.102 U
Indeno(1,2,3-cd)pyrene	**9.55 D**	<0.0998 U	<0.102 U
Naphthalene	1.93 D	<0.0998 U	<0.102 U
Phenol	<0.0965 U	<0.0998 U	<0.102 U

Location	SB04
Sample Name	SB04_1-3
Sample Date	10/06/2022
Sample Depth	1-3
VOCs	
Acetone	<1.1 U
Benzene	**0.072 J**
Naphthalene	2.1 J
Total Xylenes	**1.9 J**
SVOCs	
2-Methylphenol (o-Cresol)	<0.18 UJ
3 & 4 Methylphenol (m&p Cresol)	0.11 J
Benzo(a)anthracene	**4.5**
Benzo(a)pyrene	**3.5**
Benzo(b)fluoranthene	**4.3**
Benzo(k)fluoranthene	**1.3**
Chrysene	**3.6**
Dibenz(a,h)anthracene	**0.46**
Dibenzofuran	2.7
Indeno(1,2,3-cd)pyrene	**2.2**
Naphthalene	**14**
Phenol	0.14 J

Location	SB09	SB09
Sample Name	SB09_0-2	SB09_10-12
Sample Date	02/22/2025	03/15/2025
Sample Depth	0-2	10-12
VOCs		
Acetone	<0.013 U	0.039
Benzene	<0.0067 U	<0.0084 U
Total Xylenes	<0.02 U	<0.025 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.245 U	<0.111 U
3 & 4 Methylphenol (m&p Cresol)	<0.245 U	<0.111 U
Benzo(a)anthracene	<0.245 U	<0.111 U
Benzo(a)pyrene	<0.245 U	<0.111 U
Benzo(b)fluoranthene	<0.245 U	<0.111 U
Benzo(k)fluoranthene	<0.245 U	<0.111 U
Chrysene	<0.245 U	<0.111 U
Dibenz(a,h)anthracene	<0.245 U	<0.111 U
Dibenzofuran	<0.245 U	<0.111 U
Indeno(1,2,3-cd)pyrene	<0.245 U	<0.111 U
Naphthalene	0.3 D	<0.111 U
Phenol	<0.245 U	<0.111 U

Location	SB11	SB11
Sample Name	SB11_0-2	SB11_10-12
Sample Date	03/01/2025	03/15/2025
Sample Depth	0-2	10-12
VOCs		
Acetone	<0.013 U	<0.0098 U
Benzene	<0.0064 U	<0.0049 U
Total Xylenes	<0.019 U	<0.015 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.0922 U	<0.102 U
3 & 4 Methylphenol (m&p Cresol)	<0.0922 U	<0.102 U
Benzo(a)anthracene	0.158 D	<0.102 U
Benzo(a)pyrene	0.144 D	<0.102 U
Benzo(b)fluoranthene	0.128 D	<0.102 U
Benzo(k)fluoranthene	0.105 D	<0.102 U
Chrysene	0.175 D	<0.102 U
Dibenz(a,h)anthracene	<0.0922 U	<0.102 U
Dibenzofuran	<0.0922 U	<0.102 U
Indeno(1,2,3-cd)pyrene	0.0774 JD	<0.102 U
Naphthalene	<0.0922 U	<0.102 U
Phenol	<0.0922 U	<0.102 U

Location	SB17
Sample Name	SB17_0-2
Sample Date	02/18/2025
Sample Depth	0-2
VOCs	
Acetone	0.0094 J
Benzene	<0.0092 U
Total Xylenes	<0.028 U
SVOCs	
2-Methylphenol (o-Cresol)	<0.117 U
3 & 4 Methylphenol (m&p Cresol)	<0.117 U
Benzo(a)anthracene	**1.35 D**
Benzo(a)pyrene	**1.17 D**
Benzo(b)fluoranthene	**1.05 D**
Benzo(k)fluoranthene	**1.01 D**
Chrysene	**1.28 D**
Dibenz(a,h)anthracene	0.212 D
Dibenzofuran	0.624 D
Indeno(1,2,3-cd)pyrene	**0.732 D**
Naphthalene	2.12 D
Phenol	<0.117 U

Location	SB08	SB08
Sample Name	SB08_0-2	SB08_2-4
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	2-4
VOCs		
Acetone	0.023	**0.072**
Benzene	<0.0064 U	<0.0086 U
Total Xylenes	<0.019 U	<0.026 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.0988 U	<0.15 U
3 & 4 Methylphenol (m&p Cresol)	<0.0988 U	<0.15 U
Benzo(a)anthracene	<0.0988 U	0.0817 JD
Benzo(a)pyrene	<0.0988 U	0.0913 JD
Benzo(b)fluoranthene	<0.0988 U	0.0793 JD
Benzo(k)fluoranthene	<0.0988 U	<0.15 U
Chrysene	<0.0988 U	0.0769 JD
Dibenz(a,h)anthracene	<0.0988 U	<0.15 U
Dibenzofuran	<0.0988 U	<0.15 U
Indeno(1,2,3-cd)pyrene	<0.0988 U	<0.15 U
Naphthalene	<0.0938 U	<0.15 U
Phenol	<0.0988 U	<0.15 U

Location	SB13	SB13	SB13
Sample Name	SB13_0-2	SB13_6-8	SB13_10-12
Sample Date	03/01/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
VOCs			
Acetone	0.0059 J	0.0067 J	0.0042 J
Benzene	<0.0057 U	<0.0065 U	<0.0041 U
Total Xylenes	<0.017 U	<0.02 U	<0.012 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.0863 U	<0.0929 U	<0.0932 U
3 & 4 Methylphenol (m&p Cresol)	<0.0863 U	<0.0929 U	<0.0932 U
Benzo(a)anthracene	<0.0863 U	**3.75 D**	<0.0932 U
Benzo(a)pyrene	<0.0863 U	**2.66 D**	<0.0932 U
Benzo(b)fluoranthene	<0.0863 U	**2.34 D**	<0.0932 U
Benzo(k)fluoranthene	<0.0863 U	**1.8 D**	<0.0932 U
Chrysene	<0.0863 U	**3.54 D**	<0.0932 U
Dibenz(a,h)anthracene	<0.0863 U	0.134 D	<0.0932 U
Dibenzofuran	<0.0863 U	0.368 D	<0.0932 U
Indeno(1,2,3-cd)pyrene	<0.0863 U	**1.25 D**	<0.0932 U
Naphthalene	<0.0863 U	0.204 D	<0.0932 U
Phenol	<0.0863 U	<0.0929 U	<0.0932 U

Location	SB01	SB01
Sample Name	SB01_1-3	SB01_3-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	1-3	3-5
VOCs		
Acetone	<0.015 U	<0.014 U
Benzene	<0.00077 U	<0.00069 U
Naphthalene	<0.0062 U	0.043
Total Xylenes	<0.0015 U	<0.0014 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.18 U	<0.37 U
3 & 4 Methylphenol (m&p Cresol)	0.23	<0.53 U
Benzo(a)anthracene	0.22	**2.9**
Benzo(a)pyrene	0.23	**2.8**
Benzo(b)fluoranthene	0.23	**3.3**
Benzo(k)fluoranthene	0.097 J	**0.97**
Chrysene	0.23	**2.6**
Dibenz(a,h)anthracene	0.033 J	0.26
Dibenzofuran	<0.18 U	0.84
Indeno(1,2,3-cd)pyrene	0.14 J	**1.3**
Naphthalene	0.024 J	0.68
Phenol	<0.18 U	<0.37 U

Location	SB05
Sample Name	SB05_1-3
Sample Date	10/06/2022
Sample Depth	1-3
VOCs	
Acetone	<3.3 U
Benzene	<0.16 U
Naphthalene	**180**
Total Xylenes	**0.83 J**
SVOCs	
2-Methylphenol (o-Cresol)	<3.6 U
3 & 4 Methylphenol (m&p Cresol)	**0.72 J**
Benzo(a)anthracene	**19**
Benzo(a)pyrene	**14**
Benzo(b)fluoranthene	**17**
Benzo(k)fluoranthene	**6.9**
Chrysene	**16**
Dibenz(a,h)anthracene	**1.9 J**
Dibenzofuran	**10**
Indeno(1,2,3-cd)pyrene	**9.5**
Naphthalene	**41**
Phenol	<3.6 U

Location	SB07	SB07
Sample Name	SB07_0-2	DUP02_021925
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	0-2
VOCs		
Acetone	0.0057 J	0.023
Benzene	<0.0057 U	<0.0077 U
Total Xylenes	<0.017 U	<0.023 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.109 U	<0.111 U
3 & 4 Methylphenol (m&p Cresol)	<0.109 U	<0.111 U
Benzo(a)anthracene	0.85 J	**24.4 J**
Benzo(a)pyrene	0.627 J	**18.2 J**
Benzo(b)fluoranthene	0.572 J	**15.2 J**
Benzo(k)fluoranthene	0.631 J	**15.9 J**
Chrysene	0.865 J	**21.8 J**
Dibenz(a,h)anthracene	**0.727 J**	**2.48 J**
Dibenzofuran	1.79 D	6.41 D
Indeno(1,2,3-cd)pyrene	**2.47 D**	**10 D**
Naphthalene	0.668 J	5.03 JD
Phenol	<0.109 U	<0.111 U

Location	SB06
Sample Name	SB06_1-3
Sample Date	10/06/2022
Sample Depth	1-3
VOCs	
Acetone	<1.1 U
Benzene	**0.074 J**
Naphthalene	3.1 J
Total Xylenes	**0.62 J**
SVOCs	
2-Methylphenol (o-Cresol)	<2 U
3 & 4 Methylphenol (m&p Cresol)	<2.9 U
Benzo(a)anthracene	<1.2 U
Benzo(a)pyrene	0.56 J
Benzo(b)fluoranthene	0.79 J
Benzo(k)fluoranthene	<1.2 U
Chrysene	0.73 J
Dibenz(a,h)anthracene	<1.2 U
Dibenzofuran	0.4 J
Indeno(1,2,3-cd)pyrene	0.29 J
Naphthalene	2
Phenol	<2 U

Location	SB18	SB18	SB18
Sample Name	SB18_0-2	SB18_2-4	SB18_8-10
Sample Date	02/18/2025	02/18/2025	03/10/2025
Sample Depth	0-2	2-4	8-10
VOCs			
Acetone	<0.015 U	**0.098**	<0.011 U
Benzene	<0.0073 U	<0.0092 U	<0.0053 U
Total Xylenes	<0.022 U	<0.028 U	<0.016 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.101 U	<0.122 U	<0.103 U
3 & 4 Methylphenol (m&p Cresol)	<0.101 U	<0.122 U	<0.103 U
Benzo(a)anthracene	0.757 D	0.16 D	<0.103 U
Benzo(a)pyrene	0.81 D	0.162 D	<0.103 U
Benzo(b)fluoranthene	0.674 D	0.138 D	<0.103 U
Benzo(k)fluoranthene	0.65 D	0.135 D	<0.103 U
Chrysene	0.766 D	0.165 D	<0.103 U
Dibenz(a,h)anthracene	0.162 D	<0.122 U	<0.103 U
Dibenzofuran	0.0651 JD	<0.122 U	<0.103 U
Indeno(1,2,3-cd)pyrene	**0.502 D**	0.114 JD	<0.103 U
Naphthalene	0.221 D	0.103 JD	<0.103 U
Phenol	<0.101 U	<0.122 U	<0.103 U

Location	SB22
Sample Name	SB22_0-2
Sample Date	02/19/2025
Sample Depth	0-2
VOCs	
Acetone	<0.012 U
Benzene	<0.006 U
Total Xylenes	<0.018 U
SVOCs	
2-Methylphenol (o-Cresol)	<0.0942 U
3 & 4 Methylphenol (m&p Cresol)	<0.0942 U
Benzo(a)anthracene	**1.86 D**
Benzo(a)pyrene	**2.01 D**
Benzo(b)fluoranthene	**1.72 D**
Benzo(k)fluoranthene	**1.75 D**
Chrysene	**1.7 D**
Dibenz(a,h)anthracene	**0.366 D**
Dibenzofuran	<0.0942 U
Indeno(1,2,3-cd)pyrene	**1.27 D**
Naphthalene	0.0482 JD
Phenol	<0.0942 U

Location	SB22A	SB22A
Sample Name	SB22A_0-2	SB22A_4-5
Sample Date	04/03/2025	04/03/2025
Sample Depth	0-2	4-5
VOCs		
Acetone	0.021	0.0086 J
Benzene	<0.0047 U	<0.0044 U
Total Xylenes	<0.014 U	<0.013 U
SVOCs		
2-Methylphenol (o-Cresol)	<0.099 U	<0.0935 U
3 & 4 Methylphenol (m&p Cresol)	<0.099 U	<0.0935 U
Benzo(a)anthracene	0.297 D	0.132 D
Benzo(a)pyrene	0.22 D	0.0957 D
Benzo(b)fluoranthene	0.283 D	0.12 D
Benzo(k)fluoranthene	0.136 D	0.059 JD
Chrysene	0.254 D	0.116 D
Dibenz(a,h)anthracene	<0.099 U	<0.0935 U
Dibenzofuran	0.0744 JD	<0.0935 U
Indeno(1,2,3-cd)pyrene	0.146 D	0.0598 JD
Naphthalene	0.269 D	<0.0935 U
Phenol	<0.099 U	<0.0935 U

Location	SB23	SB23	SB23
Sample Name	SB23_0-2	SB23_6-8	SB23_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	6-8	10-12
VOCs			
Acetone	<0.012 U	<0.012 U	<0.0083 U
Benzene	<0.006 U	<0.0059 U	<0.0041 U
Total Xylenes	<0.018 U	<0.018 U	<0.012 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.0896 U	<0.0994 U	<0.0893 U
3 & 4 Methylphenol (m&p Cresol)	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(a)anthracene	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(a)pyrene	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(b)fluoranthene	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(k)fluoranthene	<0.0896 U	<0.0994 U	<0.0893 U
Chrysene	<0.0896 U	<0.0994 U	<0.0893 U
Dibenz(a,h)anthracene	<0.0896 U	<0.0994 U	<0.0893 U
Dibenzofuran	<0.0896 U	<0.0994 U	<0.0893 U
Indeno(1,2,3-cd)pyrene	<0.0896 U	<0.0994 U	<0.0893 U
Naphthalene	<0.0896 U	5.87 J	<0.098 U
Phenol	<0.0896 U	<0.0994 U	<0.0893 U

Location	SB14	SB14	SB14
Sample Name	SB14_0-2	SB14_5-7	SB14_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	5-7	10-12
VOCs			
Acetone	<0.011 U	<0.012 U	<0.0081 U
Benzene	<0.0057 U	<0.0058 U	<0.0041 U
Total Xylenes	<0.017 U	<0.018 U	<0.012 U
SVOCs			
2-Methylphenol (o-Cresol)	<0.0869 U	<0.0918 U	<0.0934 U
3 & 4 Methylphenol (m&p Cresol)	<0.0869 U	<0.0918 U	<0.0934 U
Benzo(a)anthracene	<0.0869 U	0.239 D	<0.0934 U
Benzo(a)pyrene	<0.0869 U	0.206 D	<0.0934 U
Benzo(b)fluoranthene	<0.0869 U	0.183 D	<0.0934 U
Benzo(k)fluoranthene	<0.0869 U	0.185 D	<0.0934 U
Chrysene	<0.0869 U	0.235 D	<0.0934 U
Dibenz(a,h)anthracene	<0.0869 U	<0.0918 U	<0.0934 U
Dibenzofuran	<0.0869 U	<0.0918 U	<0.0934 U
Indeno(1,2,3-cd)pyrene	<0.0869 U	0.137 D	<0.0934 U
Naphthalene	<0.0869 U	<0.0918 U	<0.0934 U
Phenol	<0.0869 U	<0.0918 U	<0.0934 U

Location	SB15	SB15	SB15	SB15
Sample Name	SB15_0-2	DUP01_021925	SB15_2-4	SB15_6-8
Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025
Sample Depth	0-2	0-2	2-4	6-8
VOCs				
Acetone	0.015	0.02	<0.0089 U	<0.0085 U
Benzene	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U
Total Xylenes	<0.015 U	0.0096 J	<0.013 U	<0.013 U
SVOCs				
2-Methylphenol (o-Cresol)	**0.65 J**	**0.524 D**	<0.098 U	<0.0932 U
3 & 4 Methylphenol (m&p Cresol)	**1.29 J**	**1.14 D**	<0.098 U	<0.0932 U
Benzo(a)anthracene	**6.37 J**	**2.88 J**	0.0932 JD	<0.0932 U
Benzo(a)pyrene	**4.53 D**	**2.85 D**	0.121 D	<0.0932 U
Benzo(b)fluoranthene	**4.03 D**	**2.43 D**	0.0823 JD	<0.0932 U
Benzo(k)fluoranthene	**3.91 D**	**2.29 D**	0.087 JD	<0.0932 U
Chrysene	**5.7 J**	**2.57 J**	0.0979 JD	<0.0932 U
Dibenz(a,h)anthracene	**0.777 J**	**0.45 J**	<0.098 U	<0.0932 U
Dibenzofuran	2.63 D	1.65 D	<0.098 U	<0.0932 U
Indeno(1,2,3-cd)pyrene	**2.92 J**	**1.56 J**	0.0572 JD	<0.0932 U
Naphthalene	**12.6 J**	5.87 J	<0.098 U	<0.0932 U
Phenol	**0.798 J**	**0.847 D**	<0.098 U	<0.0932 U

Legend

- Approximate Site Boundary
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Soil Vapor, and Indoor Air Sample Location

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs		
Acetone	0.05	100
Benzene	0.06	4.8
Naphthalene	12	100
Total Xylenes	0.26	100
SVOCs		
2-Methylphenol (o-Cresol)	0.33	100
3 & 4 Methylphenol (m&p Cresol)	0.33	100
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)anthracene	0.33	0.33
Dibenzofuran	7	59
Indeno(1,2,3-cd)pyrene	0.5	0.5
Naphthalene	12	100
Phenol	0.33	100

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
3. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).
4. Results are shown in mg/kg (milligrams per kilogram)
5. VOCs - Volatile Organic Compounds
6. SVOCs - Semivolatile Organic Compounds

Qualifiers:
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

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SCALE IN FEET

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Project

THE BEACON

413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8

NEW YORK NEW YORK

Figure Title

SOIL SAMPLE ANALYTICAL RESULTS MAP - VOCs AND SVOCs

Project No. 170745301	Figure No. 5A
Date 8/14/2025	
Scale 1"=20'	
Drawn By GS	
Checked By	

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Path: \\langan.com\data\NY\Data3\170745301\Project Data\ArcGIS\APR0\170745301\170745301.aprx Date: 8/14/2025 User: Gsagher Time: 3:08 PM



Location	SB16
Sample Name	SB16_0-2
Sample Date	02/18/2025
Sample Depth	0-2
Pesticides	
4,4'-DDT	<0.00198 U
Metals	
Barium	73.8
Chromium, Hexavalent	<0.6 U
Copper	44.9
Lead	**209**
Mercury	0.0844
Zinc	31

Location	SB10	SB10	SB10
Sample Name	SB10_0-2	SB10_10-12	DUP03_031525
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	10-12	10-12
Pesticides			
4,4'-DDT	<0.00179 U	<0.00404 U	<0.0039 U
Metals			
Barium	224	19.7	15.2
Chromium, Hexavalent	<0.554 U	<0.613 U	<0.615 U
Copper	36.1 J	12.9	12
Lead	**200**	6.1	5.9
Mercury	**0.432**	<0.0368 U	<0.0369 U
Zinc	**217**	26.8	26.5

Location	SB03	SB03	SB03
Sample Name	SB03_1-2	SODUP01_100722	SB03_4-5
Sample Date	10/07/2022	10/07/2022	10/07/2022
Sample Depth	1-2	1-2	4-5
Pesticides			
4,4'-DDT	<0.00183 U	<0.00175 U	<0.00175 U
Metals			
Barium	65.8	69.7	60
Chromium, Hexavalent	0.297 J	<0.904 U	0.406 J
Copper	18.2	15.1	13
Lead	**1,020**	**685**	**326**
Mercury	**0.841 J**	**0.187 J**	0.067 J
Zinc	69.6	65	46.9

Location	SB11	SB11
Sample Name	SB11_0-2	SB11_10-12
Sample Date	03/01/2025	03/15/2025
Sample Depth	0-2	10-12
Pesticides		
4,4'-DDT	<0.00182 U	<0.00391 U
Metals		
Barium	75.8	22.6
Chromium, Hexavalent	<0.556 U	<0.62 U
Copper	21.8	11.7
Lead	**356**	6.25
Mercury	**0.309**	<0.0372 U
Zinc	**179**	27.4

Location	SB09	SB09
Sample Name	SB09_0-2	SB09_10-12
Sample Date	02/22/2025	03/15/2025
Sample Depth	0-2	10-12
Pesticides		
4,4'-DDT	**0.00595 D**	<0.00222 U
Metals		
Barium	**458 J**	26.2
Chromium, Hexavalent	<0.59 UJ	<0.674 U
Copper	**78.4 J**	7.14
Lead	**480**	14.3
Mercury	**0.762**	<0.0404 U
Zinc	**429**	25.8

Location	SB02	SB02
Sample Name	SB02_0-2	SB02_4-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	0-2	4-5
Pesticides		
4,4'-DDT	<0.00162 U	<0.00175 U
Metals		
Barium	74.3	34.6
Chromium, Hexavalent	<0.824 U	<0.92 U
Copper	21.7	7.1
Lead	**93**	10.9
Mercury	0.053 J	<0.078 U
Zinc	74.9	27.4

Location	SB12	SB12	SB12
Sample Name	SB12_0-2	SB12_6-8	SB12_10-12
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
Pesticides			
4,4'-DDT	<0.00192 U	<0.00194 U	<0.00204 U
Metals			
Barium	94.6	49.4	26.9
Chromium, Hexavalent	<0.584 U	<0.605 U	<0.62 U
Copper	30.9 J	12.3	23.6
Lead	**398**	17.5	8.31
Mercury	**5.99**	0.0693	<0.0372 U
Zinc	99.2	39.1	41.6

Location	SB17
Sample Name	SB17_0-2
Sample Date	02/18/2025
Sample Depth	0-2
Pesticides	
4,4'-DDT	<0.00238 U
Metals	
Barium	272
Chromium, Hexavalent	<0.721 U
Copper	32.5
Lead	**1,100**
Mercury	**0.275**
Zinc	**161**

Location	SB04
Sample Name	SB04_1-3
Sample Date	10/06/2022
Sample Depth	1-3
Pesticides	
4,4'-DDT	<0.00174 U
Metals	
Barium	775
Chromium, Hexavalent	<0.893 U
Copper	7.02
Lead	37
Mercury	0.139
Zinc	36.6

Location	SB08	SB08
Sample Name	SB08_0-2	SB08_2-4
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	2-4
Pesticides		
4,4'-DDT	<0.00197 U	<0.00297 U
Metals		
Barium	111	45.7
Chromium, Hexavalent	<0.606 U	<0.916 U
Copper	27.2	13
Lead	**216**	32
Mercury	**0.378**	0.0599
Zinc	**226**	42

Location	SB13	SB13	SB13
Sample Name	SB13_0-2	SB13_6-8	SB13_10-12
Sample Date	03/01/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
Pesticides			
4,4'-DDT	<0.00171 U	<0.00183 U	<0.00355 U
Metals			
Barium	45.5	146	278
Chromium, Hexavalent	<0.521 U	<0.563 U	<0.564 U
Copper	12.5	41.9	735
Lead	**179**	**436**	15
Mercury	**0.196 J**	**0.764**	<0.0339 U
Zinc	32.7	**142**	13.3

Location	SB01	SB01
Sample Name	SB01_1-3	SB01_3-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	1-3	3-5
Pesticides		
4,4'-DDT	<0.00174 U	<0.00176 U
Metals		
Barium	876	117
Chromium, Hexavalent	<0.895 U	<0.9 U
Copper	28.1	37.3
Lead	33.1	**176**
Mercury	<0.076 U	**0.215**
Zinc	61.1	**250**

Location	SB05
Sample Name	SB05_1-3
Sample Date	10/06/2022
Sample Depth	1-3
Pesticides	
4,4'-DDT	<0.00173 U
Metals	
Barium	26.2
Chromium, Hexavalent	<0.875 U
Copper	5.75
Lead	8.14
Mercury	<0.069 U
Zinc	16.7

Location	SB14	SB14	SB14
Sample Name	SB14_0-2	SB14_5-7	SB14_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	5-7	10-12
Pesticides			
4,4'-DDT	<0.00172 U	<0.00182 U	<0.00186 U
Metals			
Barium	118	178	52.6
Chromium, Hexavalent	<0.524 U	<0.558 U	**1.24**
Copper	21.4	26.1	13 J
Lead	**208**	**402**	14.8 J
Mercury	**0.197**	**0.229**	0.0476 J
Zinc	92.1	**140**	25.5

Location	SB07	SB07
Sample Name	SB07_0-2	DUP02_021925
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	0-2
Pesticides		
4,4'-DDT	<0.00217 U	<0.0022 U
Metals		
Barium	123	116
Chromium, Hexavalent	<0.668 U	<0.677 U
Copper	27.4	25.8
Lead	**210**	**185**
Mercury	**0.386**	**0.338**
Zinc	**130**	**152**

Location	SB06
Sample Name	SB06_1-3
Sample Date	10/06/2022
Sample Depth	1-3
Pesticides	
4,4'-DDT	<0.00192 U
Metals	
Barium	48
Chromium, Hexavalent	<0.971 U
Copper	7.62
Lead	12.5
Mercury	<0.076 U
Zinc	15.6

Location	SB18	SB18	SB18
Sample Name	SB18_0-2	SB18_2-4	SB18_8-10
Sample Date	02/18/2025	02/18/2025	03/10/2025
Sample Depth	0-2	2-4	8-10
Pesticides			
4,4'-DDT	<0.00201 U	<0.00244 U	<0.00205 U
Metals			
Barium	60.1	52.7	32.2
Chromium, Hexavalent	<0.609 U	<0.739 U	**1.25**
Copper	29.8	24.5	10.8
Lead	**64.7**	20.9	5.05
Mercury	**0.278**	0.108	<0.0373 U
Zinc	86.9	43.8	20.7

Location	SB15	SB15	SB15	SB15	SB15
Sample Name	SB15_0-2	DUP01_021925	SB15_2-4	SB15_6-8	
Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025	
Sample Depth	0-2	0-2	2-4	6-8	
Pesticides					
4,4'-DDT	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	
Metals					
Barium	70.2	96.4	35.2 J	37.4	
Chromium, Hexavalent	<0.605 U	<0.616 U	<0.592 UJ	<0.564 U	
Copper	13.9	18.7	9.68	14.4	
Lead	**68.8 J**	**155 J**	25.2 J	4.05	
Mercury	0.175	**0.185**	0.077 J	<0.0339 U	
Zinc	39	54.1	22.9 J	14	

Location	SB22
Sample Name	SB22_0-2
Sample Date	02/19/2025
Sample Depth	0-2
Pesticides	
4,4'-DDT	<0.00182 U
Metals	
Barium	122
Chromium, Hexavalent	<0.567 U
Copper	38.7
Lead	**303**
Mercury	**0.431**
Zinc	**272**

Location	SB22A	SB22A
Sample Name	SB22A_0-2	SB22A_4-5
Sample Date	04/03/2025	04/03/2025
Sample Depth	0-2	4-5
Pesticides		
4,4'-DDT	<0.00196 U	<0.00185 U
Metals		
Barium	60.2	33.2
Chromium, Hexavalent	<0.6 U	<0.566 U
Copper	15.3	10.5
Lead	**96.5**	4.75
Mercury	**0.266**	0.115
Zinc	49.3	23.4

Location	SB23	SB23	SB23
Sample Name	SB23_0-2	SB23_6-8	SB23_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	6-8	10-12
Pesticides			
4,4'-DDT	<0.00177 U	<0.00195 U	<0.00175 U
Metals			
Barium	46.7	291	15.1
Chromium, Hexavalent	<0.54 U	<0.606 U	<0.544 U
Copper	19.7	34.3	8.19
Lead	14.6	**347**	2.54
Mercury	0.078	**1.46**	<0.0327 U
Zinc	109	**185**	22.7

Legend

- Approximate Site Boundary
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Soil Vapor, and Indoor Air Sample Location

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
Pesticides		
4,4'-DDT	0.0033	79
Metals		
Barium	350	400
Chromium, Hexavalent	1	110
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Zinc	109	10000

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
3. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).
4. Results are shown in mg/kg (milligrams per kilogram)

Qualifiers:

D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

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Project

THE BEACON

413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8

NEW YORK NEW YORK

Figure Title

SOIL SAMPLE ANALYTICAL RESULTS MAP - PESTICIDES AND METALS

Project No. 170745301	Figure No. 5B
Date 8/14/2025	
Scale 1"=20'	
Drawn By GS	
Checked By	

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Location	SB03	SB03	SB03
Sample Name	SB03_1-2	SODUP01_100722	SB03_4-5
Sample Date	10/07/2022	10/07/2022	10/07/2022
Sample Depth	1-2	1-2	4-5
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000255 U	<0.000262 U	NA
Perfluorooctanoic Acid (PFOA)	<0.000255 U	<0.000262 U	NA

Location	SB10	SB10	SB10
Sample Name	SB10_0-2	SB10_10-12	DUP03_031525
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	10-12	10-12
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00022	<0.000227 U	<0.000231 U
Perfluorooctanoic Acid (PFOA)	<0.000219 U	<0.000244 U	<0.000248 U

Location	SB02	SB02
Sample Name	SB02_0-2	SB02_4-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	0-2	4-5
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000254 U	NA
Perfluorooctanoic Acid (PFOA)	<0.000254 U	NA

Location	SB11	SB11
Sample Name	SB11_0-2	SB11_10-12
Sample Date	03/01/2025	03/15/2025
Sample Depth	0-2	10-12
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000207 U	<0.000229 U
Perfluorooctanoic Acid (PFOA)	<0.000222 U	<0.000246 U

Location	SB16
Sample Name	SB16_0-2
Sample Date	02/18/2025
Sample Depth	0-2
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000222 U
Perfluorooctanoic Acid (PFOA)	<0.000239 U

Location	SB12	SB12	SB12
Sample Name	SB12_0-2	SB12_6-8	SB12_10-12
Sample Date	02/22/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.000569	<0.000225 U	<0.000231 U
Perfluorooctanoic Acid (PFOA)	<0.000232 U	0.000238 J	<0.000248 U

Location	SB09	SB09
Sample Name	SB09_0-2	SB09_10-12
Sample Date	02/22/2025	03/15/2025
Sample Depth	0-2	10-12
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.000794	<0.00025 U
Perfluorooctanoic Acid (PFOA)	<0.000235 U	<0.000269 U

Location	SB04
Sample Name	SB04_1-3
Sample Date	10/06/2022
Sample Depth	1-3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000273 U
Perfluorooctanoic Acid (PFOA)	<0.000273 U

Location	SB17
Sample Name	SB17_0-2
Sample Date	02/18/2025
Sample Depth	0-2
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000268 U
Perfluorooctanoic Acid (PFOA)	<0.000288 U

Location	SB13	SB13	SB13
Sample Name	SB13_0-2	SB13_6-8	SB13_10-12
Sample Date	03/01/2025	03/15/2025	03/15/2025
Sample Depth	0-2	6-8	10-12
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000191 U	<0.000208 U	<0.000211 U
Perfluorooctanoic Acid (PFOA)	<0.000206 U	<0.000223 U	<0.000227 U

Location	SB08	SB08
Sample Name	SB08_0-2	SB08_2-4
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	2-4
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000225 U	<0.000336 U
Perfluorooctanoic Acid (PFOA)	<0.000241 U	<0.000362 U

Location	SB05
Sample Name	SB05_1-3
Sample Date	10/06/2022
Sample Depth	1-3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000252 U
Perfluorooctanoic Acid (PFOA)	<0.000252 U

Location	SB01	SB01
Sample Name	SB01_1-3	SB01_3-5
Sample Date	10/07/2022	10/07/2022
Sample Depth	1-3	3-5
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.000252 U	NA
Perfluorooctanoic Acid (PFOA)	<0.000252 U	NA

Location	SB14	SB14	SB14
Sample Name	SB14_0-2	SB14_5-7	SB14_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	5-7	10-12
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000194 U	<0.000208 U	<0.000209 U
Perfluorooctanoic Acid (PFOA)	<0.000208 U	<0.000224 U	<0.000225 U

Location	SB07	SB07
Sample Name	SB07_0-2	DUP02_021925
Sample Date	02/19/2025	02/19/2025
Sample Depth	0-2	0-2
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.000259	0.000324
Perfluorooctanoic Acid (PFOA)	<0.000264 U	0.000302

Location	SB06
Sample Name	SB06_1-3
Sample Date	10/06/2022
Sample Depth	1-3
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000274 U
Perfluorooctanoic Acid (PFOA)	<0.000274 U

Location	SB15	SB15	SB15	SB15
Sample Name	SB15_0-2	DUP01_021925	SB15_2-4	SB15_6-8
Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025
Sample Depth	0-2	0-2	2-4	6-8
PFAS				
Perfluorooctanesulfonic Acid (PFOS)	<0.000225 U	<0.000229 U	<0.00022 U	<0.00021 U
Perfluorooctanoic Acid (PFOA)	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U

Location	SB18	SB18	SB18
Sample Name	SB18_0-2	SB18_2-4	SB18_8-10
Sample Date	02/18/2025	02/18/2025	03/10/2025
Sample Depth	0-2	2-4	8-10
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000225 U	<0.000273 U	<0.000227 U
Perfluorooctanoic Acid (PFOA)	<0.000242 U	<0.000293 U	<0.000244 U

Location	SB22
Sample Name	SB22_0-2
Sample Date	02/19/2025
Sample Depth	0-2
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.00288**
Perfluorooctanoic Acid (PFOA)	**0.000698**

Location	SB23	SB23	SB23
Sample Name	SB23_0-2	SB23_6-8	SB23_10-12
Sample Date	03/01/2025	03/22/2025	03/22/2025
Sample Depth	0-2	6-8	10-12
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	<0.000199 U	<0.000226 U	<0.000201 U
Perfluorooctanoic Acid (PFOA)	<0.000214 U	<0.000243 U	<0.000216 U

Location	SB22A	SB22A
Sample Name	SB22A_0-2	SB22A_4-5
Sample Date	04/03/2025	04/03/2025
Sample Depth	0-2	4-5
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NA	<0.00021 U
Perfluorooctanoic Acid (PFOA)	NA	<0.000226 UJ

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Legend

- Approximate Site Boundary
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Soil Vapor, and Indoor Air Sample Location

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.00088	0.044
Perfluorooctanoic Acid (PFOA)	0.00066	0.033

Exceedance Summary:
10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use and Restricted Use Restricted-Residential Guidance Values (April 2023).

Qualifiers:
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

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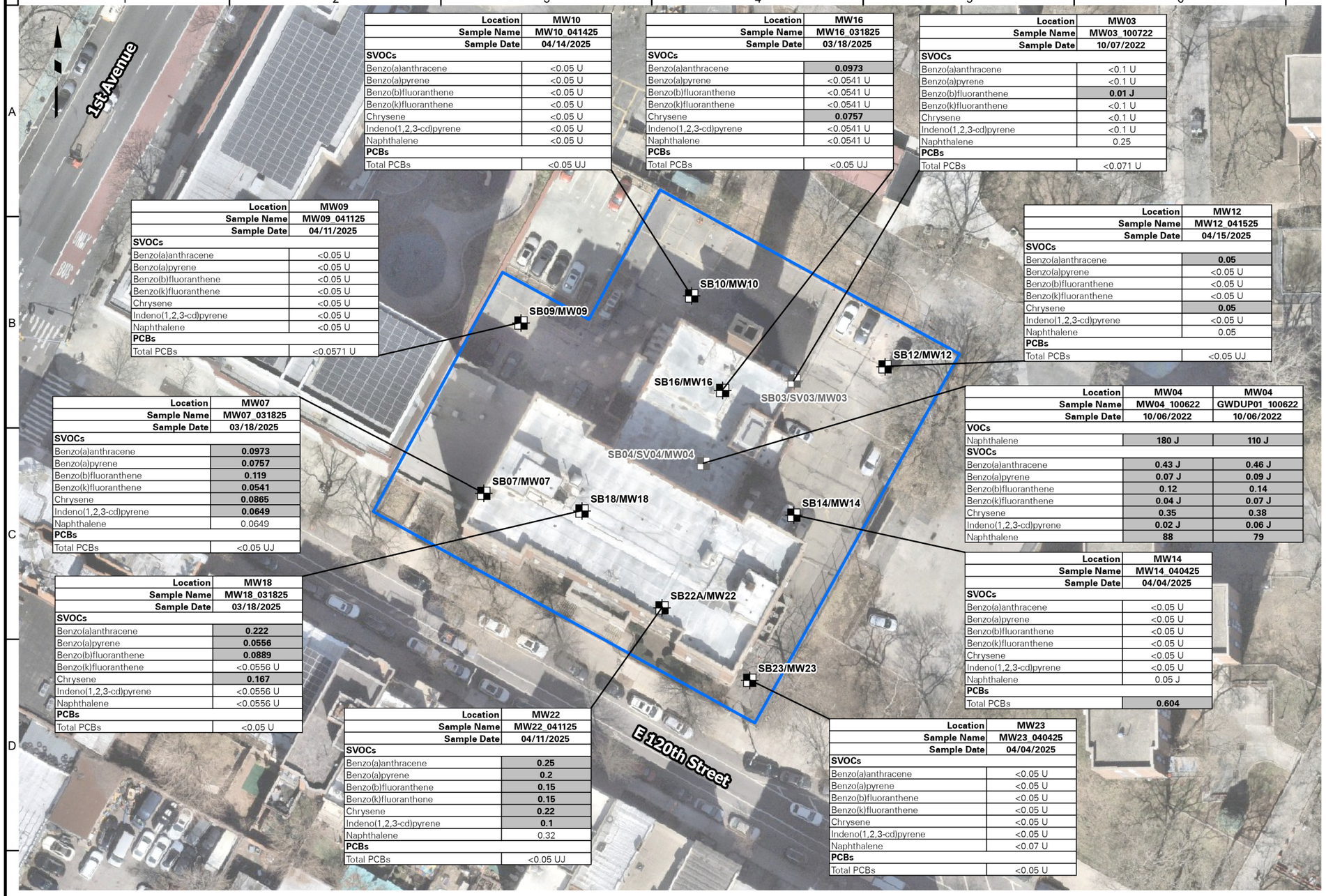
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Figure Title
SOIL SAMPLE ANALYTICAL RESULTS MAP - PFAS

Project No.	Figure No.
170745301	5C
Date: 8/14/2025	
Scale: 1"=20'	
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Location	MW10
Sample Name	MW10_041425
Sample Date	04/14/2025
SVOCs	
Benzo(a)anthracene	<0.05 U
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	<0.05 U
Indeno(1,2,3-cd)pyrene	<0.05 U
Naphthalene	<0.05 U
PCBs	
Total PCBs	<0.05 UJ

Location	MW16
Sample Name	MW16_031825
Sample Date	03/18/2025
SVOCs	
Benzo(a)anthracene	**0.0973**
Benzo(a)pyrene	<0.0541 U
Benzo(b)fluoranthene	<0.0541 U
Benzo(k)fluoranthene	<0.0541 U
Chrysene	**0.0757**
Indeno(1,2,3-cd)pyrene	<0.0541 U
Naphthalene	<0.0541 U
PCBs	
Total PCBs	<0.05 UJ

Location	MW03
Sample Name	MW03_100722
Sample Date	10/07/2022
SVOCs	
Benzo(a)anthracene	<0.1 U
Benzo(a)pyrene	<0.1 U
Benzo(b)fluoranthene	**0.01 J**
Benzo(k)fluoranthene	<0.1 U
Chrysene	<0.1 U
Indeno(1,2,3-cd)pyrene	<0.1 U
Naphthalene	0.25
PCBs	
Total PCBs	<0.071 U

Location	MW09
Sample Name	MW09_041125
Sample Date	04/11/2025
SVOCs	
Benzo(a)anthracene	<0.05 U
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	<0.05 U
Indeno(1,2,3-cd)pyrene	<0.05 U
Naphthalene	<0.05 U
PCBs	
Total PCBs	<0.0571 U

Location	MW12
Sample Name	MW12_041525
Sample Date	04/15/2025
SVOCs	
Benzo(a)anthracene	**0.05**
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	**0.05**
Indeno(1,2,3-cd)pyrene	<0.05 U
Naphthalene	0.05
PCBs	
Total PCBs	<0.05 UJ

Location	MW07
Sample Name	MW07_031825
Sample Date	03/18/2025
SVOCs	
Benzo(a)anthracene	**0.0973**
Benzo(a)pyrene	**0.0757**
Benzo(b)fluoranthene	**0.119**
Benzo(k)fluoranthene	**0.0541**
Chrysene	**0.0865**
Indeno(1,2,3-cd)pyrene	**0.0649**
Naphthalene	0.0649
PCBs	
Total PCBs	<0.05 UJ

Location	MW04	MW04
Sample Name	MW04_100622	GWDUP01_100622
Sample Date	10/06/2022	10/06/2022
VOCs		
Naphthalene	**180 J**	**110 J**
SVOCs		
Benzo(a)anthracene	**0.43 J**	**0.46 J**
Benzo(a)pyrene	**0.07 J**	**0.09 J**
Benzo(b)fluoranthene	**0.12**	**0.14**
Benzo(k)fluoranthene	**0.04 J**	**0.07 J**
Chrysene	**0.35**	**0.38**
Indeno(1,2,3-cd)pyrene	**0.02 J**	**0.06 J**
Naphthalene	**88**	**79**

Location	MW18
Sample Name	MW18_031825
Sample Date	03/18/2025
SVOCs	
Benzo(a)anthracene	**0.222**
Benzo(a)pyrene	**0.0556**
Benzo(b)fluoranthene	**0.0889**
Benzo(k)fluoranthene	<0.0556 U
Chrysene	**0.167**
Indeno(1,2,3-cd)pyrene	<0.0556 U
Naphthalene	<0.0556 U
PCBs	
Total PCBs	<0.05 U

Location	MW14
Sample Name	MW14_040425
Sample Date	04/04/2025
SVOCs	
Benzo(a)anthracene	<0.05 U
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	<0.05 U
Indeno(1,2,3-cd)pyrene	<0.05 U
Naphthalene	0.05 J
PCBs	
Total PCBs	**0.604**

Location	MW22
Sample Name	MW22_041125
Sample Date	04/11/2025
SVOCs	
Benzo(a)anthracene	**0.25**
Benzo(a)pyrene	**0.2**
Benzo(b)fluoranthene	**0.15**
Benzo(k)fluoranthene	**0.15**
Chrysene	**0.22**
Indeno(1,2,3-cd)pyrene	**0.1**
Naphthalene	0.32
PCBs	
Total PCBs	<0.05 UJ

Location	MW23
Sample Name	MW23_040425
Sample Date	04/04/2025
SVOCs	
Benzo(a)anthracene	<0.05 U
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	<0.05 U
Indeno(1,2,3-cd)pyrene	<0.05 U
Naphthalene	<0.07 U
PCBs	
Total PCBs	<0.05 U

Legend

- Approximate Site Boundary
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location

Analyte	NYSDEC SGVs
VOCs	
Naphthalene	10
SVOCs	
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
PCBs	
Total PCBs	0.09

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. Results are shown in µg/L (micrograms per liter)
4. VOCs - Volatile Organic Compounds
5. SVOCs - Semivolatile Organic Compounds
6. PCBs - Polychlorinated Biphenyls

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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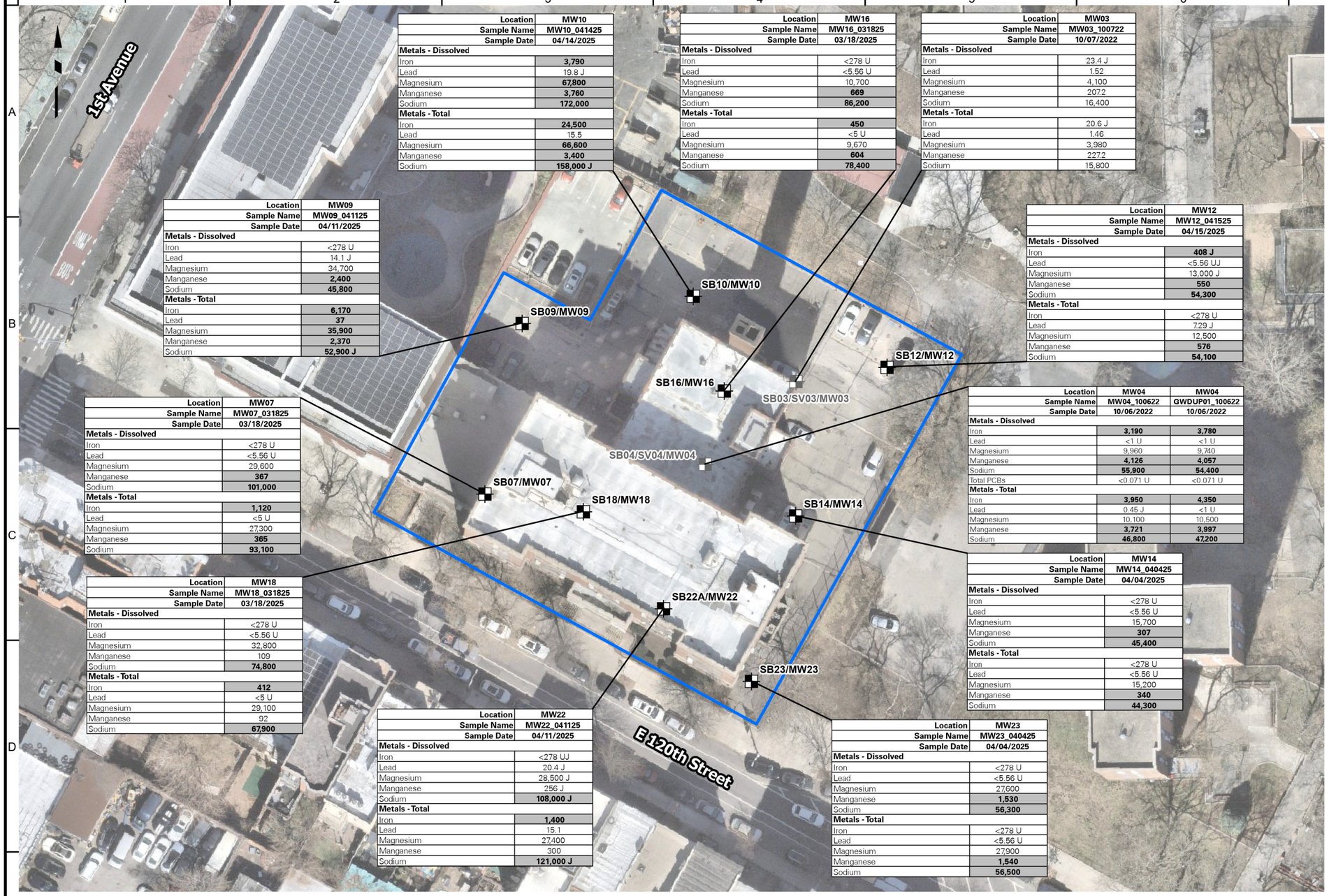
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Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP - VOCs, SVOCs, AND PCBs

Project No.	170745301
Date	8/14/2025
Scale	1"=50'
Drawn By	GS
Figure No.	6A

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Location	MW10
Sample Name	MW10_041425
Sample Date	04/14/2025
Metals - Dissolved	
Iron	**3,790**
Lead	19.8 J
Magnesium	**67,800**
Manganese	**3,760**
Sodium	**172,000**
Metals - Total	
Iron	**24,500**
Lead	15.5
Magnesium	**66,600**
Manganese	**3,400**
Sodium	**158,000 J**

Location	MW16
Sample Name	MW16_031825
Sample Date	03/18/2025
Metals - Dissolved	
Iron	<278 U
Lead	<5.56 U
Magnesium	10,700
Manganese	**669**
Sodium	**86,200**
Metals - Total	
Iron	**450**
Lead	<5 U
Magnesium	9,670
Manganese	**604**
Sodium	**78,400**

Location	MW03
Sample Name	MW03_100722
Sample Date	10/07/2022
Metals - Dissolved	
Iron	23.4 J
Lead	1.52
Magnesium	4,100
Manganese	207.2
Sodium	16,400
Metals - Total	
Iron	20.6 J
Lead	1.46
Magnesium	3,980
Manganese	227.2
Sodium	15,800

Location	MW09
Sample Name	MW09_041125
Sample Date	04/11/2025
Metals - Dissolved	
Iron	<278 U
Lead	14.1 J
Magnesium	34,700
Manganese	**2,400**
Sodium	**45,800**
Metals - Total	
Iron	**6,170**
Lead	**37**
Magnesium	**35,900**
Manganese	**2,370**
Sodium	**52,900 J**

Location	MW12
Sample Name	MW12_041525
Sample Date	04/15/2025
Metals - Dissolved	
Iron	**408 J**
Lead	<5.56 UJ
Magnesium	13,000 J
Manganese	**550**
Sodium	**54,300**
Metals - Total	
Iron	<278 U
Lead	7.29 J
Magnesium	12,500
Manganese	**576**
Sodium	**54,100**

Location	MW07
Sample Name	MW07_031825
Sample Date	03/18/2025
Metals - Dissolved	
Iron	<278 U
Lead	<5.56 U
Magnesium	29,600
Manganese	**367**
Sodium	**101,000**
Metals - Total	
Iron	**1,120**
Lead	<5 U
Magnesium	27,300
Manganese	**365**
Sodium	**93,100**

Location	MW04	GWDUP01
Sample Name	MW04_100622	GWDUP01_100622
Sample Date	10/06/2022	10/06/2022
Metals - Dissolved		
Iron	**3,190**	**3,780**
Lead	<1 U	<1 U
Magnesium	9,960	9,740
Manganese	**4,126**	**4,057**
Sodium	**55,900**	**54,400**
Total PCBs	<0.071 U	<0.071 U
Metals - Total		
Iron	**3,950**	**4,350**
Lead	0.45 J	<1 U
Magnesium	10,100	10,500
Manganese	**3,721**	**3,997**
Sodium	**46,800**	**47,200**

Location	MW18
Sample Name	MW18_031825
Sample Date	03/18/2025
Metals - Dissolved	
Iron	<278 U
Lead	<5.56 U
Magnesium	32,800
Manganese	109
Sodium	**74,800**
Metals - Total	
Iron	**412**
Lead	<5 U
Magnesium	29,100
Manganese	92
Sodium	**67,900**

Location	MW14
Sample Name	MW14_040425
Sample Date	04/04/2025
Metals - Dissolved	
Iron	<278 U
Lead	<5.56 U
Magnesium	15,700
Manganese	**307**
Sodium	**45,400**
Metals - Total	
Iron	<278 U
Lead	<5.56 U
Magnesium	15,200
Manganese	**340**
Sodium	**44,300**

Location	MW22
Sample Name	MW22_041125
Sample Date	04/11/2025
Metals - Dissolved	
Iron	<278 UJ
Lead	20.4 J
Magnesium	28,500 J
Manganese	256 J
Sodium	**108,000 J**
Metals - Total	
Iron	**1,400**
Lead	15.1
Magnesium	27,400
Manganese	300
Sodium	**121,000 J**

Location	MW23
Sample Name	MW23_040425
Sample Date	04/04/2025
Metals - Dissolved	
Iron	<278 U
Lead	<5.56 U
Magnesium	27,600
Manganese	**1,530**
Sodium	**56,300**
Metals - Total	
Iron	<278 U
Lead	<5.56 U
Magnesium	27,900
Manganese	**1,540**
Sodium	**56,500**

Legend

- Approximate Site Boundary
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location

Analyte	NYSDEC SGVs
Metals - Dissolved	
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Sodium	20,000
Metals - Total	
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Sodium	20,000

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. Results are shown in µg/L (micrograms per liter)

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

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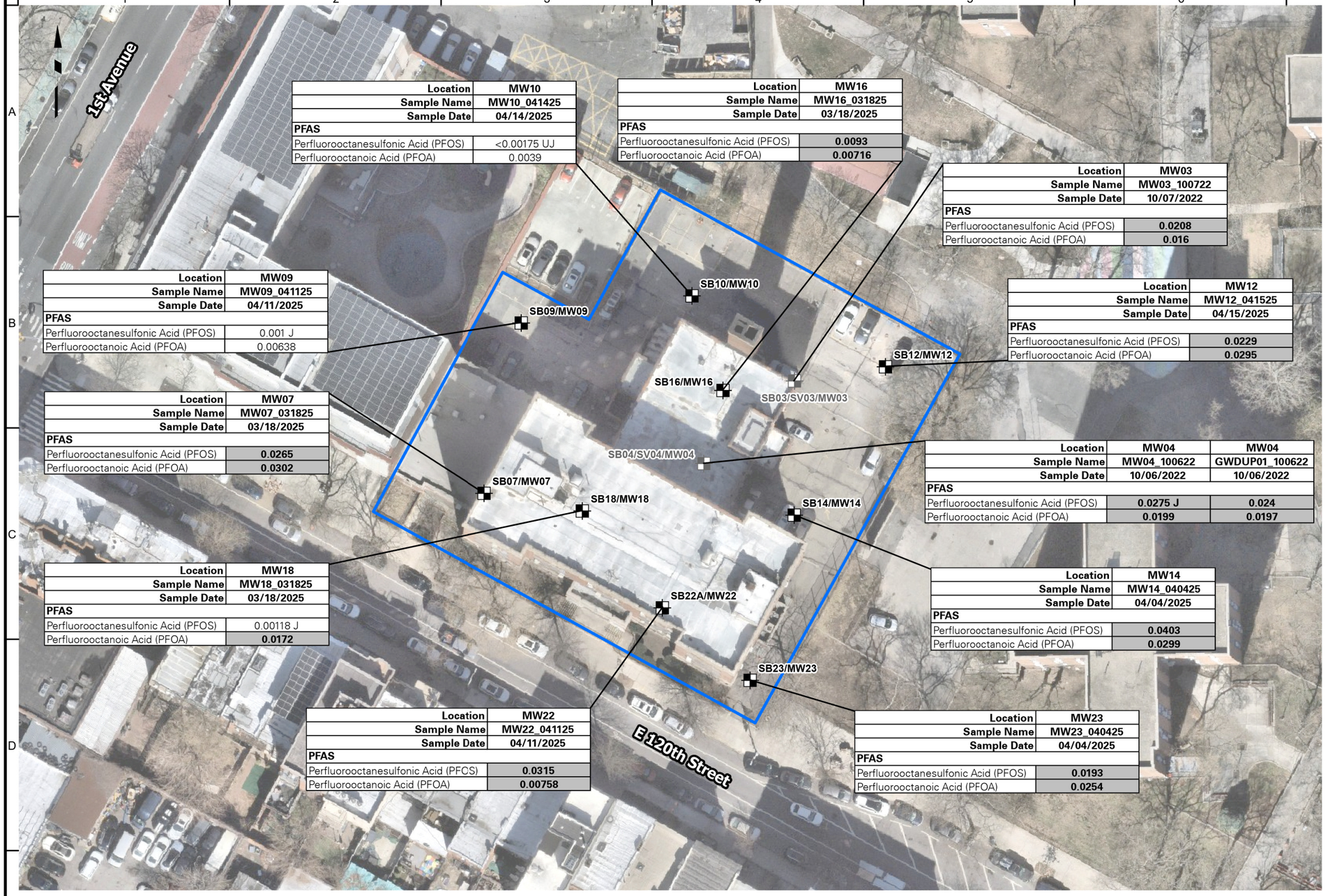
Project
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Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP - METALS

Project No. 170745301
Date 8/14/2025
Scale 1"=50'
Drawn By GS
Figure No. 6B

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Location	MW10
Sample Name	MW10_041425
Sample Date	04/14/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00175 UJ
Perfluorooctanoic Acid (PFOA)	0.0039

Location	MW16
Sample Name	MW16_031825
Sample Date	03/18/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0093**
Perfluorooctanoic Acid (PFOA)	**0.00716**

Location	MW03
Sample Name	MW03_100722
Sample Date	10/07/2022
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0208**
Perfluorooctanoic Acid (PFOA)	**0.016**

Location	MW09
Sample Name	MW09_041125
Sample Date	04/11/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.001 J
Perfluorooctanoic Acid (PFOA)	0.00638

Location	MW12
Sample Name	MW12_041525
Sample Date	04/15/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0229**
Perfluorooctanoic Acid (PFOA)	**0.0295**

Location	MW07
Sample Name	MW07_031825
Sample Date	03/18/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0265**
Perfluorooctanoic Acid (PFOA)	**0.0302**

Location	MW04	MW04
Sample Name	MW04_100622	GWDUP01_100622
Sample Date	10/06/2022	10/06/2022
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	**0.0275 J**	**0.024**
Perfluorooctanoic Acid (PFOA)	**0.0199**	**0.0197**

Location	MW18
Sample Name	MW18_031825
Sample Date	03/18/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.00118 J
Perfluorooctanoic Acid (PFOA)	**0.0172**

Location	MW14
Sample Name	MW14_040425
Sample Date	04/04/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0403**
Perfluorooctanoic Acid (PFOA)	**0.0299**

Location	MW22
Sample Name	MW22_041125
Sample Date	04/11/2025
PFAS	
Perfluorooctanesulfonic Acid (PFCS)	**0.0315**
Perfluorooctanoic Acid (PFOA)	**0.00758**

Location	MW23
Sample Name	MW23_040425
Sample Date	04/04/2025
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0193**
Perfluorooctanoic Acid (PFOA)	**0.0254**

Legend

- Approximate Site Boundary
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location

Analyte	NYSDEC SGVs
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").
3. Results are shown in µg/L (micrograms per liter)

Qualifiers:

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UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
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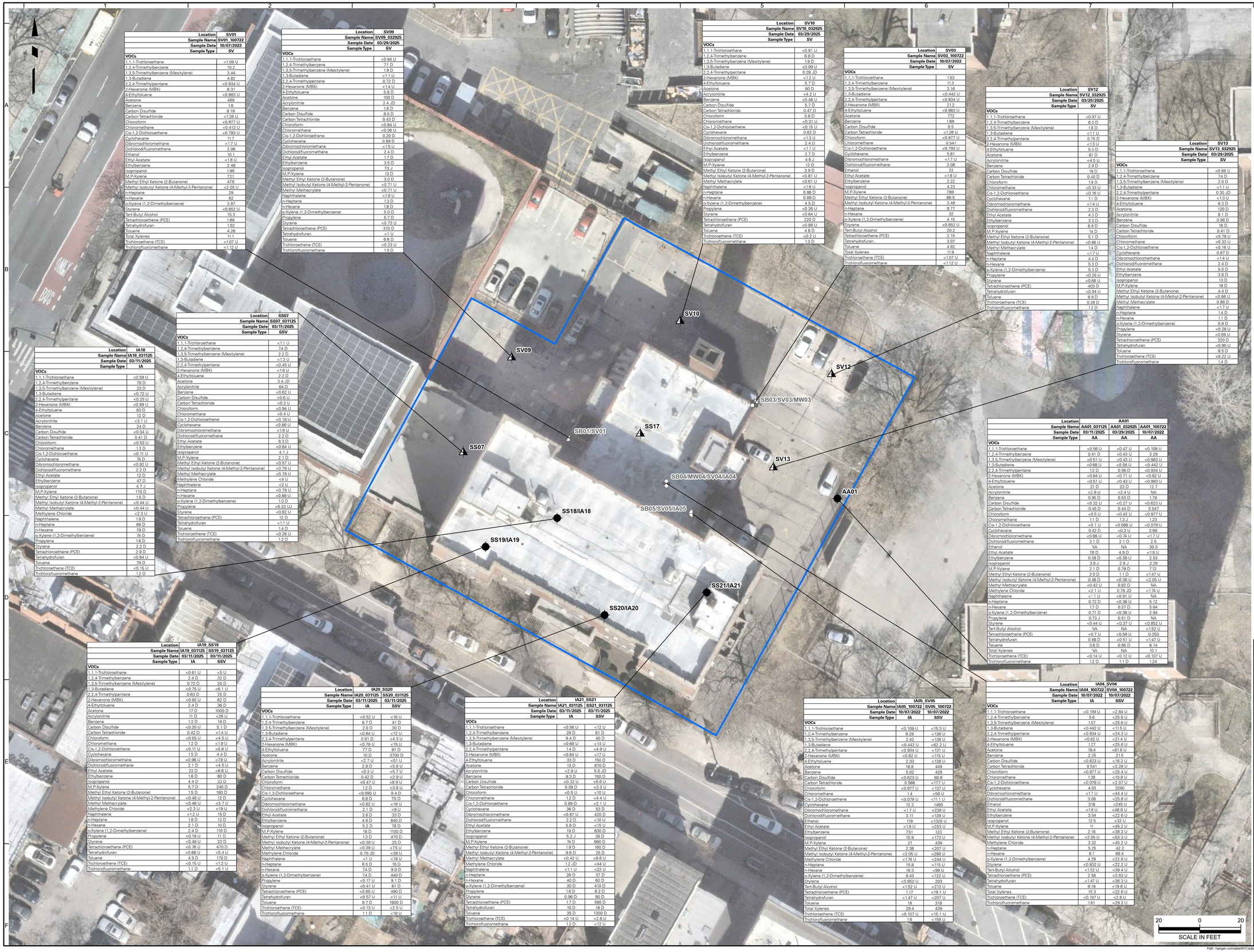
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Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP - PFAS

Project No. 170745301
Date 8/14/2025
Scale 1"=50'
Drawn By GS
Figure No. 6C

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Location	SV01
Sample Name	SV01_100722
Sample Date	10/07/2022
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<1.09 U
1,2,4-Trimethylbenzene	10.2
1,3,5-Trimethylbenzene (Mesitylene)	3.44
1,3-Butadiene	4.82
2,2,4-Trimethylpentane	<0.934 U
2-Hexanone (MBK)	6.31
4-Ethyltoluene	<0.983 U
Acetone	489
Benzene	1.8
Carbon Disulfide	8.19
Carbon Tetrachloride	<1.26 U
Chloroform	<0.977 U
Chloromethane	<0.413 U
Cis-1,2-Dichloroethene	<0.793 U
Cyclohexane	11.7
Dibromochloromethane	<1.7 U
Dichlorodifluoromethane	2.06
Ethanol	10.1
Ethyl Acetate	<1.8 U
Ethylbenzene	2.48
Isopropanol	1.98
M,P-Xylene	721
Methyl Ethyl Ketone (2-Butanone)	478
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U
n-Heptane	29
n-Hexane	62
o-Xylene (1,2-Dimethylbenzene)	3.87
Styrene	<0.852 U
Tert-Butyl Alcohol	15.3
Tetrachloroethene (PCE)	1.89
Tetrahydrofuran	1.52
Toluene	4.26
Total Xylenes	11.1
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	<1.12 U

Location	SV09
Sample Name	SV09_032925
Sample Date	03/29/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.94 U
1,2,4-Trimethylbenzene	7.1 D
1,3,5-Trimethylbenzene (Mesitylene)	1.9 D
1,3-Butadiene	<1.1 U
2,2,4-Trimethylpentane	0.72 D
2-Hexanone (MBK)	<1.4 U
4-Ethyltoluene	5.8 D
Acetone	100 D
Acrylonitrile	2.4 JD
Benzene	1.8 D
Carbon Disulfide	8.0 D
Carbon Tetrachloride	0.43 D
Chloroform	<0.84 U
Chloromethane	<0.36 U
Cis-1,2-Dichloroethene	0.20 D
Cyclohexane	0.89 D
Dibromochloromethane	<1.5 U
Dichlorodifluoromethane	2.4 D
Ethyl Acetate	1.7 D
Ethylbenzene	3.5 D
Isopropanol	73 J
M,P-Xylene	13 D
Methyl Ethyl Ketone (2-Butanone)	3.0 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.71 U
Methyl Methacrylate	<0.71 U
Naphthalene	<1.8 U
n-Heptane	1.3 D
n-Hexane	1.8 D
o-Xylene (1,2-Dimethylbenzene)	5.0 D
Propylene	5.7 D
Styrene	<0.73 U
Tetrachloroethene (PCE)	310 D
Tetrahydrofuran	<1 U
Toluene	6.6 D
Trichloroethene (TCE)	<0.23 U
Trichlorofluoromethane	1.3 D

Location	SV10
Sample Name	SV10_032925
Sample Date	03/29/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.81 U
1,2,4-Trimethylbenzene	6.8 D
1,3,5-Trimethylbenzene (Mesitylene)	1.9 D
1,3-Butadiene	<0.99 U
2,2,4-Trimethylpentane	0.28 JD
2-Hexanone (MBK)	<1.2 U
4-Ethyltoluene	5.7 D
Acetone	80 D
Acrylonitrile	<4.2 U
Benzene	<0.48 U
Carbon Disulfide	5.7 D
Carbon Tetrachloride	0.47 D
Chloroform	5.8 D
Chloromethane	<0.31 U
Cis-1,2-Dichloroethene	<0.15 U
Cyclohexane	0.62 D
Dibromochloromethane	<1.3 U
Dichlorodifluoromethane	2.4 D
Ethyl Acetate	<1.1 U
Ethylbenzene	2.7 D
Isopropanol	4.6 J
M,P-Xylene	12 D
Methyl Ethyl Ketone (2-Butanone)	3.9 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.61 U
Methyl Methacrylate	<0.61 U
Naphthalene	<1.6 U
n-Heptane	0.86 D
n-Hexane	0.89 D
o-Xylene (1,2-Dimethylbenzene)	4.5 D
Propylene	<0.28 U
Styrene	<0.64 U
Tetrachloroethene (PCE)	220 D
Tetrahydrofuran	<0.88 U
Toluene	4.8 D
Trichloroethene (TCE)	<0.2 U
Trichlorofluoromethane	1.3 D

Location	SV03
Sample Name	SV03_100722
Sample Date	10/07/2022
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	1.53
1,2,4-Trimethylbenzene	11.3
1,3,5-Trimethylbenzene (Mesitylene)	3.16
1,3-Butadiene	<0.442 U
2,2,4-Trimethylpentane	<0.934 U
2-Hexanone (MBK)	2.12
4-Ethyltoluene	<0.983 U
Acetone	772
Benzene	1.69
Carbon Disulfide	8.6
Carbon Tetrachloride	<1.26 U
Chloroform	<0.977 U
Chloromethane	0.547
Cis-1,2-Dichloroethene	<0.793 U
Cyclohexane	5.61
Dibromochloromethane	<1.7 U
Dichlorodifluoromethane	2.08
Ethanol	22
Ethyl Acetate	<1.8 U
Ethylbenzene	2.22
Isopropanol	4.23
M,P-Xylene	769
Methyl Ethyl Ketone (2-Butanone)	88.5
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.48
n-Heptane	8.77
n-Hexane	32
o-Xylene (1,2-Dimethylbenzene)	4.15
Styrene	<0.852 U
Tert-Butyl Alcohol	20.2
Tetrachloroethene (PCE)	2.15
Tetrahydrofuran	3.07
Toluene	4.82
Total Xylenes	11.9
Trichloroethene (TCE)	<1.07 U
Trichlorofluoromethane	<1.12 U

Location	SV12
Sample Name	SV12_032925
Sample Date	03/25/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.97 U
1,2,4-Trimethylbenzene	6.0 D
1,3,5-Trimethylbenzene (Mesitylene)	1.8 D
1,3-Butadiene	<1.1 U
2,2,4-Trimethylpentane	0.75 D
2-Hexanone (MBK)	<1.3 U
4-Ethyltoluene	5.3 D
Acetone	81 D
Acrylonitrile	<4.5 U
Benzene	2.9 D
Carbon Disulfide	19 D
Carbon Tetrachloride	0.40 D
Chloroform	1.9 D
Chloromethane	<0.33 U
Cis-1,2-Dichloroethene	<0.16 U
Cyclohexane	1.1 D
Dibromochloromethane	<1.4 U
Dichlorodifluoromethane	2.3 D
Ethyl Acetate	4.5 D
Ethylbenzene	3.3 D
Isopropanol	6.8 D
M,P-Xylene	14 D
Methyl Ethyl Ketone (2-Butanone)	5.1 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.66 U
Methyl Methacrylate	1.4 D
Naphthalene	<1.7 U
n-Heptane	4.4 D
n-Hexane	5.3 D
o-Xylene (1,2-Dimethylbenzene)	5.3 D
Propylene	<0.28 U
Styrene	<0.68 U
Tetrachloroethene (PCE)	402 D
Tetrahydrofuran	<0.94 U
Toluene	8.9 D
Trichloroethene (TCE)	0.26 D
Trichlorofluoromethane	1.2 D

Location	SV13
Sample Name	SV13_032925
Sample Date	03/29/2025
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.88 U
1,2,4-Trimethylbenzene	7.4 D
1,3,5-Trimethylbenzene (Mesitylene)	2.0 D
1,3-Butadiene	<1.1 U
2,2,4-Trimethylpentane	0.30 JD
2-Hexanone (MBK)	<1.2 U
4-Ethyltoluene	6.3 D
Acetone	120 D
Acrylonitrile	8.1 D
Benzene	0.98 D
Carbon Disulfide	16 D
Carbon Tetrachloride	0.41 D
Chloroform	<0.79 U
Chloromethane	<0.33 U
Cis-1,2-Dichloroethene	<0.16 U
Cyclohexane	0.67 D
Dibromochloromethane	<1.4 U
Dichlorodifluoromethane	2.4 D
Ethyl Acetate	5.0 D
Ethylbenzene	3.8 D
Isopropanol	13 D
M,P-Xylene	16 D
Methyl Ethyl Ketone (2-Butanone)	4.4 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.66 U
Methyl Methacrylate	0.86 D
Naphthalene	<1.7 U
n-Heptane	1.4 D
n-Hexane	1.1 D
o-Xylene (1,2-Dimethylbenzene)	5.9 D
Propylene	<0.28 U
Styrene	<0.69 U
Tetrachloroethene (PCE)	320 D
Tetrahydrofuran	<0.95 U
Toluene	8.5 D
Trichloroethene (TCE)	<0.22 U
Trichlorofluoromethane	1.4 D

Location	IA18
Sample Name	IA18_031125
Sample Date	03/11/2025
Sample Type	IA
VOCs	
1,1,1-Trichloroethane	<0.59 U
1,2,4-Trimethylbenzene	70 D
1,3,5-Trimethylbenzene (Mesitylene)	23 D
1,3-Butadiene	<0.72 U
2,2,4-Trimethylpentane	<0.26 U
2-Hexanone (MBK)	<0.89 U
4-Ethyltoluene	83 D
Acetone	12 D
Acrylonitrile	<3.1 U
Benzene	24 D
Carbon Disulfide	<0.34 U
Carbon Tetrachloride	0.41 D
Chloroform	<0.53 U
Chloromethane	1.3 D
Cis-1,2-Dichloroethene	<0.11 U
Cyclohexane	74 D
Dibromochloromethane	<0.92 U
Dichlorodifluoromethane	2.2 D
Ethyl Acetate	12 D
Ethylbenzene	47 D
Isopropanol	4.7 J
M,P-Xylene	170 D
Methyl Ethyl Ketone (2-Butanone)	15 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.44 U
Methyl Methacrylate	<0.44 U
Methylene Chloride	<2.3 U
Naphthalene	1.9 D
n-Heptane	66 D
n-Hexane	79 D
o-Xylene (1,2-Dimethylbenzene)	74 D
Propylene	1.6 D
Styrene	2.2 D
Tetrachloroethene (PCE)	2.9 D
Tetrahydrofuran	<0.64 U
Toluene	79 D
Trichloroethene (TCE)	<0.15 U
Trichlorofluoromethane	1.2 D

Location	SS07
Sample Name	SS07_031125
Sample Date	03/11/2025
Sample Type	SSV
VOCs	
1,1,1-Trichloroethane	<1.1 U
1,2,4-Trimethylbenzene	74 D
1,3,5-Trimethylbenzene (Mesitylene)	2.2 D
1,3-Butadiene	<1.3 U
2,2,4-Trimethylpentane	<0.45 U
2-Hexanone (MBK)	<1.6 U
4-Ethyltoluene	2.2 D
Acetone	3.4 JD
Acrylonitrile	64 D
Benzene	<0.62 U
Carbon Disulfide	<0.6 U
Carbon Tetrachloride	<0.3 U
Chloroform	<0.94 U
Chloromethane	<0.4 U
Cis-1,2-Dichloroethene	<0.19 U
Cyclohexane	<0.66 U
Dibromochloromethane	<1.6 U
Dichlorodifluoromethane	2.2 D
Ethyl Acetate	8.3 D
Ethylbenzene	<0.84 U
Isopropanol	4.1 J
M,P-Xylene	2.1 D
Methyl Ethyl Ketone (2-Butanone)	<0.57 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.79 U
Methyl Methacrylate	<0.79 U
Methylene Chloride	<4 U
Naphthalene	<2 U
n-Heptane	<0.79 U
n-Hexane	<0.68 U
o-Xylene (1,2-Dimethylbenzene)	1.0 D
Propylene	<0.33 UJ
Styrene	<0.82 U
Tetrachloroethene (PCE)	12 D
Tetrahydrofuran	<1.1 U
Toluene	1.4 D
Trichloroethene (TCE)	<0.26 U
Trichlorofluoromethane	1.2 D

Location	AA01		
Sample Name	AA01_031125	AA01_032925	AA01_100722
Sample Date	03/11/2025	03/29/2025	10/07/2022
Sample Type	AA	AA	AA
VOCs			
1,1,1-Trichloroethane	<0.56 U	<0.47 U	<0.109 U
1,2,4-Trimethylbenzene	0.61 D	<0.43 U	3.29
1,3,5-Trimethylbenzene (Mesitylene)	<0.51 U	<0.43 U	<0.983 U
1,3-Butadiene	<0.68 U	<0.58 U	<0.442 U
2,2,4-Trimethylpentane	1.2 D	0.36 D	<0.934 U
2-Hexanone (MBK)	<0.84 U	<0.71 U	<0.82 U
4-Ethyltoluene	<0.51 U	<0.43 U	<0.983 U
Acetone	21 D	23 D	12.7
Acrylonitrile	<2.9 U	<2.4 U	NA
Benzene	0.95 D	0.53 D	1.79
Carbon Disulfide	<0.32 U	<0.27 U	<0.623 U
Carbon Tetrachloride	0.45 D	0.44 D	0.547
Chloroform	<0.5 U	<0.42 U	<0.977 U
Chloromethane	1.1 D	1.3 J	1.23
Cis-1,2-Dichloroethene	<0.1 U	<0.086 U	<0.079 U
Cyclohexane	0.42 D	<0.3 U	3.68
Dibromochloromethane	<0.88 U	<0.74 U	<1.7 U
Dichlorodifluoromethane	2.1 D	2.1 D	2.5
Ethanol	NA	NA	30.3
Ethyl Acetate	76 D	4.9 D	<1.8 U
Ethylbenzene	0.58 D	<0.38 U	2.53
Isopropanol	3.9 J	2.9 J	3.29
M,P-Xylene	2.1 D	0.79 D	7.12
Methyl Ethyl Ketone (2-Butanone)	2.0 D	1.1 D	<1.47 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.46 D	<0.36 U	<2.05 U
Methyl Methacrylate	<0.42 U	0.82 D	NA
Methylene Chloride	<2.1 U	0.78 JD	<1.74 U
Naphthalene	<1.1 U	<0.91 U	NA
n-Heptane	0.72 D	<0.36 U	5.12
n-Hexane	1.7 D	0.37 D	5.04
o-Xylene (1,2-Dimethylbenzene)	0.71 D	<0.38 U	2.94
Propylene	0.73 J	0.51 D	NA
Styrene	<0.44 U	<0.37 U	<0.852 U
Tert-Butyl Alcohol	NA	NA	<1.52 U
Tetrachloroethene (PCE)	<0.7 U	<0.59 U	0.353
Tetrahydrofuran	0.88 D	<0.51 U	<1.47 U
Toluene	3.6 D	0.95 D	6.14
Total Xylenes	NA	NA	10.1
Trichloroethene (TCE)	<0.14 U	<0.12 U	<0.107 U
Trichlorofluoromethane	1.2 D	1.1 D	1.24

Location	IA19_SS19	
Sample Name	IA19_031125	SS19_031125
Sample Date	03/11/2025	03/11/2025
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.61 U	<5 U
1,2,4-Trimethylbenzene	2.4 D	32 D
1,3,5-Trimethylbenzene (Mesitylene)	0.72 D	20 D
1,3-Butadiene	<0.75 U	<1 U
2,2,4-Trimethylpentane	0.63 D	25 D
2-Hexanone (MBK)	<0.92 U	62 D
4-Ethyltoluene	2.4 D	36 D
Acetone	17 D	1000 D
Acrylonitrile	11 D	<26 U
Benzene	1.2 D	19 D
Carbon Disulfide	<0.35 U	5.1 D
Carbon Tetrachloride	0.42 D	<1.4 U
Chloroform	<0.55 U	<4.5 U
Chloromethane	1.2 D	<1.9 U
Cis-1,2-Dichloroethene	<0.11 U	<0.9 U
Cyclohexane	1.5 D	4.4 D
Dibromochloromethane	<0.96 U	<7.8 U
Dichlorodifluoromethane	2.1 D	<4.5 U
Ethyl Acetate	22 D	<6.6 U
Ethylbenzene	16 D	80 D
Isopropanol	4.4 D	23 D
M,P-Xylene	5.7 D	240 D
Methyl Ethyl Ketone (2-Butanone)	1.5 D	180 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.46 U	12 D
Methyl Methacrylate	<0.46 U	<3.7 U
Methylene Chloride	<2.3 U	<19 U
Naphthalene	<1.2 U	15 D
n-Heptane	1.8 D	12 D
n-Hexane	2.1 D	10 D
o-Xylene (1,2-Dimethylbenzene)	2.4 D	110 D
Propylene	<0.19 U	11 D
Styrene	<0.48 U	23 D
Tetrachloroethene (PCE)	<0.76 U	470 D
Tetrahydrofuran	<0.66 U	<5.4 U
Toluene	4.5 D	170 D
Trichloroethene (TCE)	<0.15 U	<1.2 U
Trichlorofluoromethane	1.1 D	<5.1 U

Location	IA20_SS20	
Sample Name	IA20_031125	SS20_031125
Sample Date	03/11/2025	03/11/2025
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.52 U	<10 U
1,2,4-Trimethylbenzene	6.7 D	41 D
1,3,5-Trimethylbenzene (Mesitylene)	2.0 D	30 D
1,3-Butadiene	<0.64 U	<12 U
2,2,4-Trimethylpentane	0.81 D	<4.3 U
2-Hexanone (MBK)	<0.79 U	<15 U
4-Ethyltoluene	7.7 D	91 D
Acetone	10 D	3700 D
Acrylonitrile	<2.7 U	<51 U
Benzene	2.8 D	<5.8 U
Carbon Disulfide	<0.3 U	<5.7 U
Carbon Tetrachloride	0.42 D	<2.9 U
Chloroform	<0.47 U	<8.9 U
Chloromethane	1.2 D	<3.8 U
Cis-1,2-Dichloroethene	<0.095 U	9.4 D
Cyclohexane	6.6 D	75 D
Dibromochloromethane	<0.82 U	<16 U
Dichlorodifluoromethane	2.1 D	<9 U
Ethyl Acetate	3.8 D	33 D
Ethylbenzene	4.8 D	640 D
Isopropanol	5.2 D	78 D
M,P-Xylene	18 D	1100 D
Methyl Ethyl Ketone (2-Butanone)	1.3 D	470 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.39 U	25 D
Methyl Methacrylate	<0.39 U	<75 U
Methylene Chloride	0.70 JD	<38 U
Naphthalene	<1 U	<19 U
n-Heptane	6.5 D	10 D
n-Hexane	7.4 D	9.0 D
o-Xylene (1,2-Dimethylbenzene)	7.4 D	440 D
Propylene	<0.17 U	9.1 D
Styrene	<0.41 U	61 D
Tetrachloroethene (PCE)	<0.65 U	490 D
Tetrahydrofuran	<0.57 U	<11 U
Toluene	9.7 D	1600 D
Trichloroethene (TCE)	<0.13 U	<2.5 U
Trichlorofluoromethane	1.1 D	<10 U

Location	IA21_SS21	
Sample Name	IA21_031125	SS21_031125
Sample Date	03/11/2025	03/11/2025
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.56 U	<12 U
1,2,4-Trimethylbenzene	29 D	61 D
1,3,5-Trimethylbenzene (Mesitylene)	9.4 D	40 D
1,3-Butadiene	<0.68 U	<14 U
2,2,4-Trimethylpentane	1.4 D	<4.9 U
2-Hexanone (MBK)	<0.84 U	<17 U
4-Ethyltoluene	33 D	150 D
Acetone	13 D	870 D
Acrylonitrile	<2.9 U	5.0 JD
Benzene	9.3 D	150 D
Carbon Disulfide	<0.32 U	<6.6 U
Carbon Tetrachloride	0.39 D	<3.3 U
Chloroform	<0.5 U	<10 U
Chloromethane	1.2 D	<4.4 U
Cis-1,2-Dichloroethene	0.89 D	<2.1 U
Cyclohexane	36 D	53 D
Dibromochloromethane	<0.87 U	420 D
Dichlorodifluoromethane	2.2 D	<10 U
Ethyl Acetate	5.8 D	<15 U
Ethylbenzene	19 D	630 D
Isopropanol	5.2 J	38 D
M,P-Xylene	74 D	990 D
Methyl Ethyl Ketone (2-Butanone)	1.9 D	160 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	9.6 D	25 D
Methyl Methacrylate	<0.42 U	<8.6 U
Methylene Chloride	1.2 JD	<44 U
Naphthalene	<1.1 U	<22 U
n-Heptane	26 D	37 D
n-Hexane	40 D	60 D
o-Xylene (1,2-Dimethylbenzene)	30 D	410 D
Propylene	1.6 D	6.2 D
Styrene	0.96 D	80 D
Tetrachloroethene (PCE)	1.7 D	580 D
Tetrahydrofuran	10 D	19 D
Toluene	35 D	1300 D
Trichloroethene (TCE)	<0.14 U	<2.8 U
Trichlorofluoromethane	1.2 D	<12 U

Location	IA05_SV05	
Sample Name	IA05_100722	SV05_100722
Sample Date	10/07/2022	10/07/2022
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	<15.3 U
1,2,4-Trimethylbenzene	9.29	<138 U
1,3,5-Trimethylbenzene (Mesitylene)	2.42	<138 U
1,3-Butadiene	<0.442 U	<62.2 U
2,2,4-Trimethylpentane	<0.934 U	<131 U
2-Hexanone (MBK)	<0.82 U	<115 U
4-Ethyltoluene	2.33	<138 U
Acetone	18.8	449
Benzene	5.02	428
Carbon Disulfide	<0.623 U	88.8
Carbon Tetrachloride	0.566	<177 U
Chloroform	<0.977 U	<137 U
Chloromethane	1.4	<58 U
Cis-1,2-Dichloroethene	<0.079 U	<11.1 U
Cyclohexane	12.2	1480
Dibromochloromethane	<1.7 U	<239 U
Dichlorodifluoromethane	3.11	<139 U
Ethanol	119	<1320 U
Ethyl Acetate	<1.8 U	<253 U
Ethylbenzene	7.51	123
Isopropanol	10.9	<173 U
M,P-Xylene	21	439
Methyl Ethyl Ketone (2-Butanone)	2.36	<207 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<288 U
Methylene Chloride	<1.74 U	<244 U
Naphthalene	15.8	<115 U
n-Heptane	16.3	<99 U
n-Hexane	8.43	<122 U
o-Xylene (1,2-Dimethylbenzene)	<0.852 U	203
Propylene	1.17	<19.1 U
Styrene	<1.47 U	<207 U
Tert-Butyl Alcohol	<1.52 U	<213 U
Tetrachloroethene (PCE)	1.17	<19.1 U
Tetrahydrofuran	<1.47 U	<207 U
Toluene	18	319
Total Xylenes	29.4	439
Trichloroethene (TCE)	<0.107 U	<15.1 U
Trichlorofluoromethane	1.6	<158 U

Location	IA04_SV04	
Sample Name	IA04_100722	SV04_100722
Sample Date	10/07/2022	10/07/2022
Sample Type	IA	SSV
VOCs		
1,1,1-Trichloroethane	<0.109 U	<2.84 U
1,2,4-Trimethylbenzene	5.6	<25.6 U
1,3,5-Trimethylbenzene (Mesitylene)	1.57	<25.6 U
1,3-Butadiene	<0.442 U	<11.5 U
2,2,4-Trimethylpentane	<0.934 U	<24.3 U
2-Hexanone (MBK)	<0.82 U	<21.4 U
4-Ethyltoluene	1.27	<25.6 U
Acetone	19.4	<61.8 U
Benzene	2.25	21.5
Carbon Disulfide	<0.623 U	<16.2 U
Carbon Tetrachloride	0.541	<3.28 U
Chloroform	<0.977 U	<25.4 U
Chloromethane	1.38	<10.6 U
Cis-1,2-Dichloroethene	<0.079 U	<2.07 U
Cyclohexane	4.03	3290
Dibromochloromethane	<1.7 U	<44.4 U
Dichlorodifluoromethane	3.08	<25.8 U
Ethanol	318	<245 U
Ethyl Acetate	<1.8 U	<46.8 U
Ethylbenzene	3.54	<22.6 U
Isopropanol	12.5	<32 U
M,P-Xylene	11	<45.2 U
Methyl Ethyl Ketone (2-Butanone)	2.16	<38.3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<2.05 U	<53.3 U
Methylene Chloride	2.32	<45.2 U
n-Heptane	5.25	42.2
n-Hexane	6.1	68.4
o-Xylene (1,2-Dimethylbenzene)	4.29	<22.6 U
Styrene	<0.852 U	<22.2 U
Tert-Butyl Alcohol	<1.52 U	<39.4 U
Tetrachloroethene (PCE)	2.58	<3.53 U
Tetrahydrofuran	<1.47 U	<38.3 U
Toluene	8.18	<19.6 U
Total Xylenes	15.3	<22.6 U
Trichloroethene (TCE)	<0.107 U	<2.8 U
Trichlorofluoromethane	1.61	<29.3 U

Analyte	NYSDOH AGVs
VOCs	
1,1,1-Trichloroethane	NS
1,2,4-Trimethylbenzene	NS
1,3,5-Trimethylbenzene (Mesitylene)	NS
1,3-Butadiene	NS
2,2,4-Trimethylpentane	NS
2-Hexanone (MBK)	NS
4-Ethyltoluene	NS
Acetone	NS
Benzene	NS
Carbon Disulfide	NS
Carbon Tetrachloride	NS
Chloroform	NS
Chloromethane	NS
Cis-1,2-Dichloroethene	NS
Cyclohexane	NS
Dibromochloromethane	NS
Dichlorodifluoromethane	NS
Ethanol	NS
Ethyl Acetate	NS
Ethylbenzene	NS
Isopropanol	NS
M,P-Xylene	NS
Methyl Ethyl Ketone (2-Butanone)	NS
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS
Methylene Chloride	60
n-Heptane	NS
n-Hexane	NS
o-Xylene (1,2-Dimethylbenzene)	NS
Styrene	NS
Tert-Butyl Alcohol	NS
Tetrachloroethene (PCE)	30
Tetrahydrofuran	NS
Toluene	NS
Total Xylenes	NS
Trichloroethene (TCE)	2
Trichlorofluoromethane	NS

Exceedance Summary:
10 - Result exceeds NYSDOH AGVs

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (through to 2024).
3. Ambient air sample analytical results are shown for reference only.
4. Results are shown in $\mu g/m^3$ (micrograms per cubic meter)
5. Samples were not collected from sub-slab soil vapor points SS17 and SS18.

Qualifiers:
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Legend

- Approximate Site Boundary
- RI Sub-surface or Sub-Slab Soil Vapor Sample
- RI Sub-Slab Soil Vapor and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location
- 2022 Phase II ESI Soil Boring and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Soil Vapor, and Indoor Air Sample Location

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Project

THE BEACON

413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8

NEW YORK NEW YORK

Figure Title

SOIL VAPOR SAMPLE ANALYTICAL RESULTS MAP

Project No. 170745301	Figure No. 7
Date 8/14/2025	
Scale 1"=20'	
Drawn By GS	
Checked By	

PROJECT NO. 170745301

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Legend

- Approximate Site Boundary
- Excavation to 2 feet bsg
- Excavation to 5 feet bsg
- Excavation to 8 feet bsg
- Excavation to 10 feet bsg (2 feet bcg)
- Excavation to 11 feet bsg (3 feet bcg)
- Excavation to 12 feet bsg
- Excavation to 18 feet bsg (10 feet bcg)
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location

Notes:
1. Imagery provided through Langan's subscription to Esri's ArcGIS software licensing.
2. bsg = below sidewalk grade
3. bcg = below cellar grade
4. Depth and dimension of remedial excavation areas are estimated based on analytical results exceeding the Track 1 Soil Cleanup Objectives

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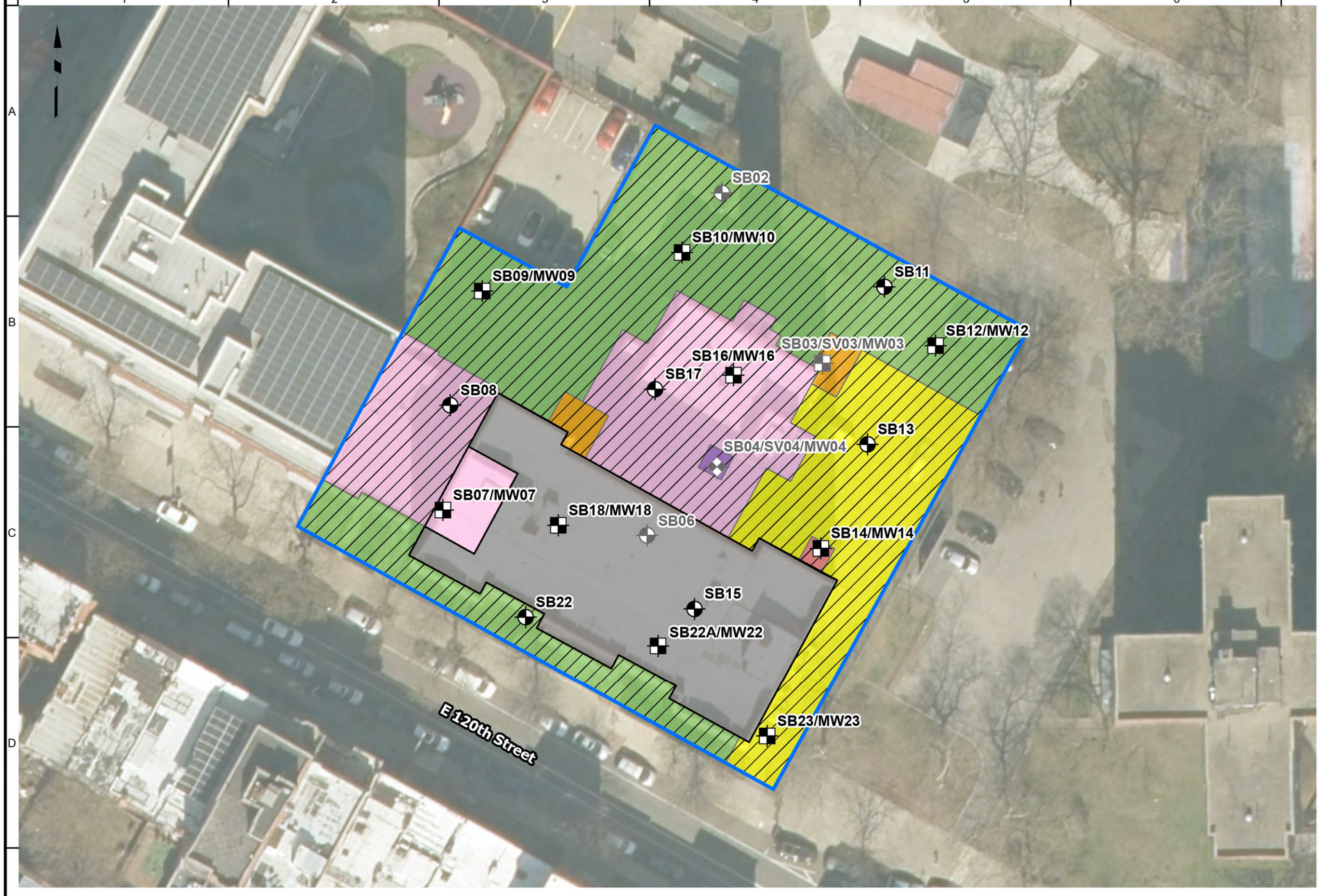
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Figure Title
ALTERNATIVE I - TRACK 1 REMEDY

Project No.	170745301
Date	11/4/2025
Scale	1"=40'
Drawn By	GS
Figure No.	8

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Legend

- Approximate Site Boundary
- Track 1 Area
- Track 4 Area - Installation of SMDS
- Excavation to 2 feet bsg (about el. ±10 to ±9)
- Excavation to 5 feet bsg (about el. ±7 to ±6.5)
- Excavation to 8 feet bsg (about el. ±4.5 to ±3)
- Excavation to 10 feet bsg (2 feet bcg; about el. ±2)
- Excavation to 11 feet bsg (3 feet bcg; about el. ±1)
- Excavation to 12 feet bsg (about el. ± -0.5 to ± -1)
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- 2022 Phase II ESI Soil Boring, Monitoring Well and Soil Vapor Sample Location
- 2022 Phase II ESI Soil Boring, Monitoring Well, Soil Vapor, and Indoor Air Sample Location

Notes:
1. Imagery provided through Langan's subscription to Esri's ArcGIS software licensing.
2. bsg = below sidewalk grade
3. bcg = below cellar grade
4. SMDS = Sub-Membrane Depressurization System
5. el. = Elevation in reference to the North American Vertical Datum of 1988 (NAVD88)
6. Depth and dimension of remedial excavation areas are estimated based on analytical results exceeding the Track 1/ Track 4 Soil Cleanup Objectives.

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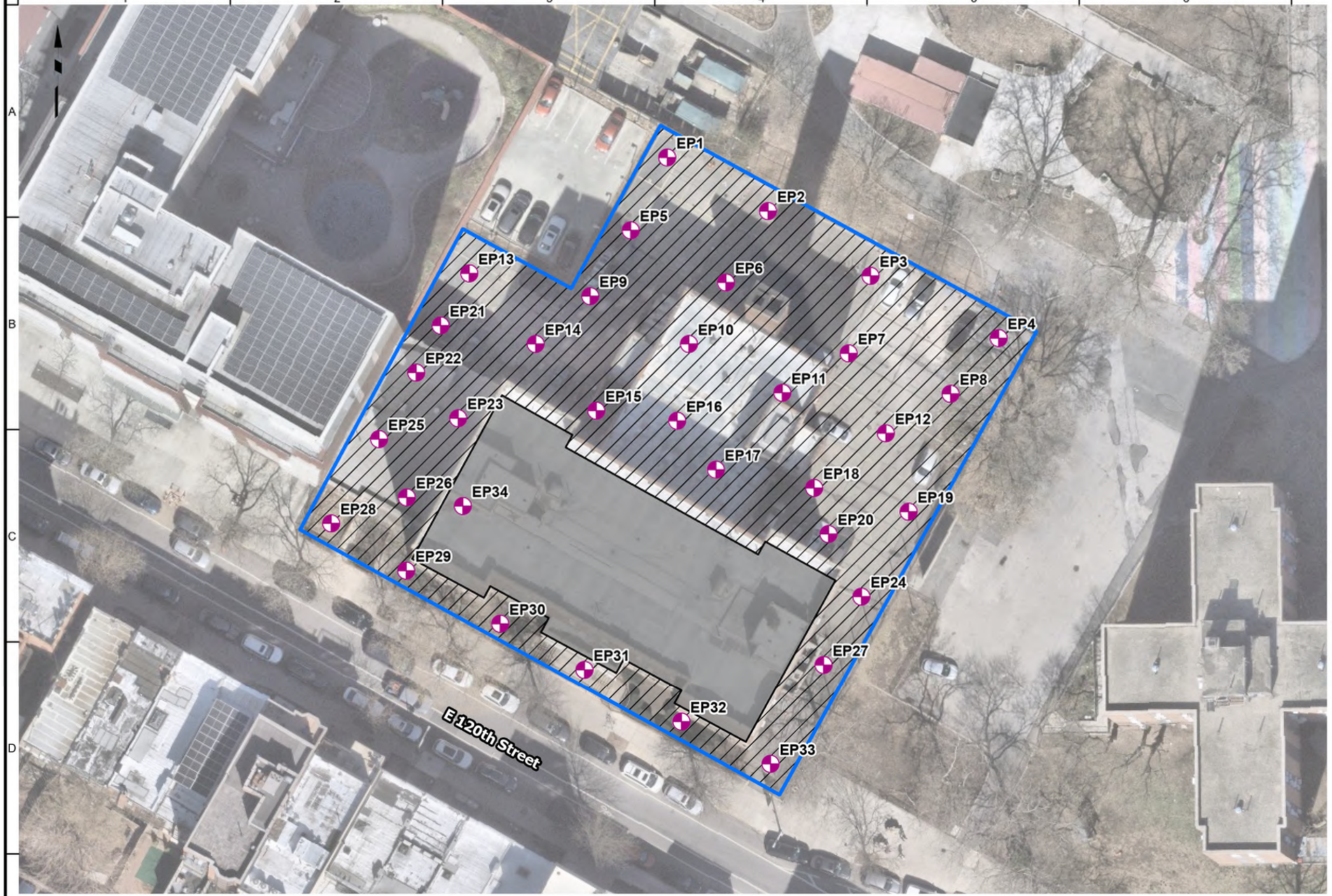
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Figure Title
ALTERNATIVE II - TRACK 1/TRACK 4 REMEDY

Project No.	170745301
Date	11/12/2025
Scale	1"=40'
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Legend

- Approximate Site Boundary
- Track 1 Area
- Track 4 Area
- Proposed Endpoint Sample Location

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.

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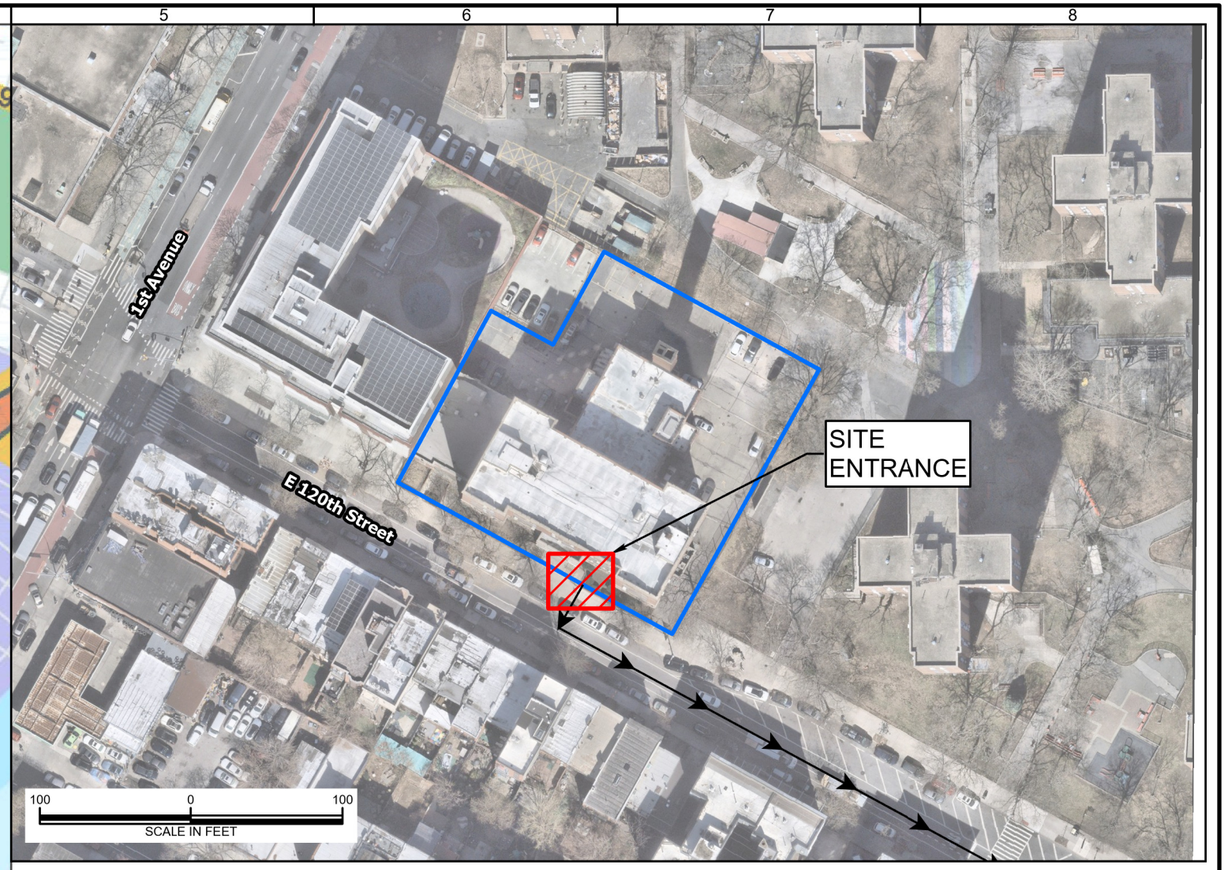
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Figure Title
PROPOSED CONFIRMATION SOIL SAMPLE LOCATION PLAN

Project No.	170745301
Date	11/3/2025
Scale	1"=40'
Drawn By	GS
Figure No.	10

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Legend

Local Truck Route
Trucks with an origin or destination for the purpose of delivery, loading or servicing within the respective Borough, shall only operate on designated local routes, except that an operator may operate on a non-designated street for the purpose of arriving at his/her destination. This shall be accomplished by leaving a designated truck route at the intersection that is nearest to their destination, proceeding by the most direct route, and then returning to the nearest designated truck route by the most direct route. If the operator has additional destinations in the same general area, he/she may proceed by the most direct route to his/her next destination without returning to a designated truck route, provided that the operator's next destination does not require that he/she cross a designated truck route.

Through Truck Route
Trucks having neither an origin nor a destination within the respective Borough shall restrict the operation of such vehicles to those street segments designated as Through Truck Routes.

Through Truck Route on Expressway

Through Truck Route on Tunnel

Exception 53' Trailers Allowed
For definition see information on reverse side.

Industrial Business Zones (IBZ)

Parks and Open Spaces

29A Highway Exit

Commercial Vehicles Prohibited

Low Vertical Clearance Area

Legend

Approximate Site Boundary

Proposed Truck Route

Notes:
1. Basemap taken from the 2015 New York City Department of Transportation "New York City Truck Route Map."
2. Site entrance location may change based on construction logistics.
3. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.

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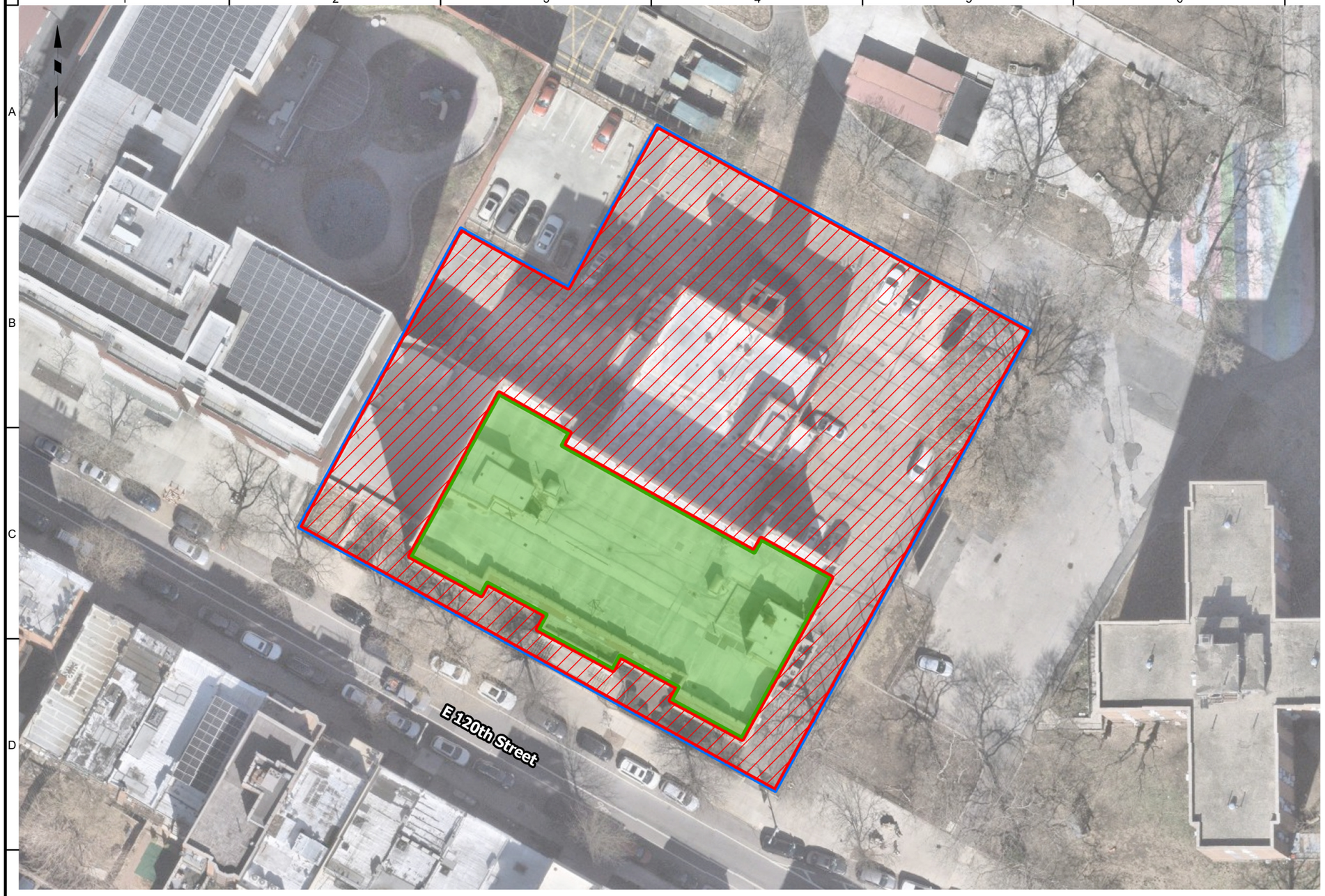
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Figure Title
TRUCK ROUTE MAP

Project No.	170745301
Date	8/15/2025
Scale	As Shown
Drawn By	GS
Figure No.	11

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Legend

- Approximate Site Boundary
- Track 1 Area Boundary
- Track 4 Area Boundary
- Extent of Composite Cover System and Sub-Membrane Depressurization System

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com. Flown on 3/11/2025.
2. Engineering Controls will not be required in the Track 1 area of the site.

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Project
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413 EAST 120th STREET
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Figure Title
ENGINEERING CONTROLS PLAN

Project No.	170745301
Date	8/15/2025
Scale	1"=40'
Drawn By	GS
Figure No.	12

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TABLES

Table 1
Remedial Action Work Plan
Alternative I - Track 1 Unrestricted Use Soil Cleanup Objectives

The Beacon - 413 East 120th Street
New York, New York
NYSDEC BCP Site No. C231155
Langan Project No.: 170745301

VOCs (mg/kg)	
1,1,1-Trichloroethane	0.68
1,1-Dichloroethane	0.27
1,1-Dichloroethylene	0.33
1,2,4-Trimethylbenzene	3.6
1,2-Dichlorobenzene	1.1
1,2-Dichloroethane	0.02
1,3,5-Trimethylbenzene	8.4
1,3-Dichlorobenzene	2.4
1,4-Dichlorobenzene	1.8
1,4-Dioxane	0.1
2-Butanone	0.12
Acetone	0.05
Benzene	0.06
Carbon tetrachloride	0.76
Chlorobenzene	1.1
Chloroform	0.37
cis-1,2-Dichloroethylene	0.25
Ethyl Benzene	1
Methyl tert-butyl ether (MTBE)	0.93
Methylene chloride	0.05
n-Butylbenzene	12
n-Propylbenzene	3.9
sec-Butylbenzene	11
tert-Butylbenzene	5.9
Tetrachloroethylene	1.3
Toluene	0.7
trans-1,2-Dichloroethylene	0.19
Trichloroethylene	0.47
Vinyl Chloride	0.02
Xylenes, Total	0.26

Metals (mg/kg)	
Arsenic	13
Barium	350
Beryllium	7.2
Cadmium	2.5
Chromium, hexavalent	1
Chromium, trivalent	30
Copper	50
Cyanide	27
Lead	63
Manganese	1,600
Mercury	0.18
Nickel	30
Selenium	3.9
Silver	2
Zinc	109

SVOCs (mg/kg)	
Acenaphthene	20
Acenaphthylene	100
Anthracene	100
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Benzo(g,h,i)perylene	100
Benzo(k)fluoranthene	0.8
Chrysene	1
Dibenzo(a,h)anthracene	0.33
Fluoranthene	100
Fluorene	30
Indeno(1,2,3-cd)pyrene	0.5
m-Cresol	0.33
Naphthalene	12
o-Cresol	0.33
p-Cresol	0.33
Pentachlorophenol	0.8
Phenanthrene	100
Phenol	0.33
Pyrene	100

PCBs/Pesticides (mg/kg)	
2,4,5-TP Acid (Silvex)	3.8
4,4'-DDE	0.0033
4,4'-DDT	0.0033
4,4'-DDD	0.0033
Aldrin	0.005
alpha-BHC	0.02
beta-BHC	0.036
Chlordane (alpha)	0.094
delta-BHC	0.04
Dibenzofuran	7
Dieldrin	0.005
Endosulfan I	2.4
Endosulfan II	2.4
Endosulfan sulfate	2.4
Endrin	0.014
Heptachlor	0.042
Lindane	0.1
Polychlorinated biphenyls	0.1

Notes:
1. The Soil Cleanup Objectives (SCO) for a Track 1 Unrestricted Use (UU) Cleanup are the Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Unrestricted Use SCOs for VOCs, SVOCs, PCBs, pesticides, herbicides, and metals; and the guidance values for anticipated site use for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS), as specified in the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substance (PFAS) under the New York State Department of Environmental Conservation's (NYSDEC) Part 375 Remedial Programs (April 2023).
2. VOC - Volatile organic compound
3. SVOC - Semivolatile organic compound
4. PCB - Polychlorinated biphenyl
5. mg/kg - Milligram per kilogram

Table 2
Remedial Action Work Plan
Alternative II - Track 1/Track 4 Soil Cleanup Objectives

The Beacon - 413 East 120th Street
New York, New York
NYSDEC BCP Site No. C231155
Langan Project No.: 170745301

Compound	Unrestricted Use Soil Cleanup Objectives	Track 4 Site-Specific Soil Cleanup Objectives
Volatile Organic Compounds (mg/kg)		
1,1,1-Trichloroethane	0.68	100
1,1-Dichloroethane	0.27	26
1,1-Dichloroethene	0.33	100
1,2-Dichlorobenzene	1.1	100
1,2-Dichloroethane	0.02	3.1
cis-1,2-Dichloroethene	0.25	100
trans-1,2-Dichloroethene	0.19	100
1,3-Dichlorobenzene	2.4	49
1,4-Dichlorobenzene	1.8	13
1,4-Dioxane	0.1	13
Acetone	0.05	100
Benzene	0.06	4.8
Butylbenzene	12	100
Carbon tetrachloride	0.76	2.4
Chlorobenzene	1.1	100
Chloroform	0.37	49
Ethylbenzene	1	41
Hexachlorobenzene	0.33	1.2
Methyl ethyl ketone	0.12	100
Methyl tert-butyl ether	0.93	100
Methylene chloride	0.05	100
n-Propylbenzene	3.9	100
sec-Butylbenzene	11	100
tert-Butylbenzene	5.9	100
Tetrachloroethene	1.3	19
Toluene	0.7	100
Trichloroethene	0.47	21
1,2,4-Trimethylbenzene	3.6	52
1,3,5-Trimethylbenzene	8.4	52
Vinyl chloride	0.02	0.9
Xylenes, Total	0.26	100
Semivolatile Organic Compounds (mg/kg)		
Acenaphthene	20	-
Acenaphthylene	100	-
Anthracene	100	-
Benzo(a)anthracene	1	-
Benzo(a)pyrene	1	-
Benzo(b)fluoranthene	1	-
Benzo(g,h,i)perylene	100	-
Benzo(k)fluoranthene	0.8	-
Chrysene	1	-
Dibenzo(a,h)anthracene	0.33	-
Fluoranthene	100	-
Fluorene	30	-
Indeno(1,2,3-cd)pyrene	0.5	-
m-Cresol	0.33	-
Naphthalene	12	-
o-Cresol	0.33	-
p-Cresol	0.33	-
Pentachlorophenol	0.8	-
Phenanthrene	100	-
Phenol	0.33	-
Pyrene	100	-
Total SVOCs	-	100

Compound	Unrestricted Use Soil Cleanup Objectives	Track 4 Site-Specific Soil Cleanup Objectives
Pesticides (mg/kg)		
2,4,5-TP Acid (Silvex)	3.8	100
4,4'-DDE	0.0033	8.9
4,4'-DDT	0.0033	7.9
4,4'-DDD	0.0033	13
Aldrin	0.005	0.097
alpha-BHC	0.02	0.48
beta-BHC	0.036	0.36
Chlordane (alpha)	0.094	4.2
delta-BHC	0.04	100
Dibenzofuran	7	59
Dieldrin	0.005	0.2
Endosulfan I	2.4	24
Endosulfan II	2.4	24
Endosulfan sulfate	2.4	24
Endrin	0.014	11
Heptachlor	0.042	2.1
Lindane	0.1	1.3
Polychlorinated biphenyls	0.1	1
Inorganics (mg/kg)		
Arsenic	13	16
Barium	350	400
Beryllium	7.2	72
Cadmium	2.5	4.3
Chromium, hexavalent	1	110
Chromium, trivalent	30	180
Copper	50	270
Total Cyanide	27	27
Lead	63	400
Manganese	1,600	2,000
Mercury	0.18	0.81
Nickel	30	310
Selenium	3.9	180
Silver	2	180
Zinc	109	10,000
PFAS (ppb)		
PFOA	0.66	33
PFOS	0.88	44

Notes:
VOC - Volatile organic compound
SVOC - Semivolatile organic compound
PCB - Polychlorinated biphenyl
mg/kg - Milligram per kilogram
PFAS - Per- and Polyfluoroalkyl Substances