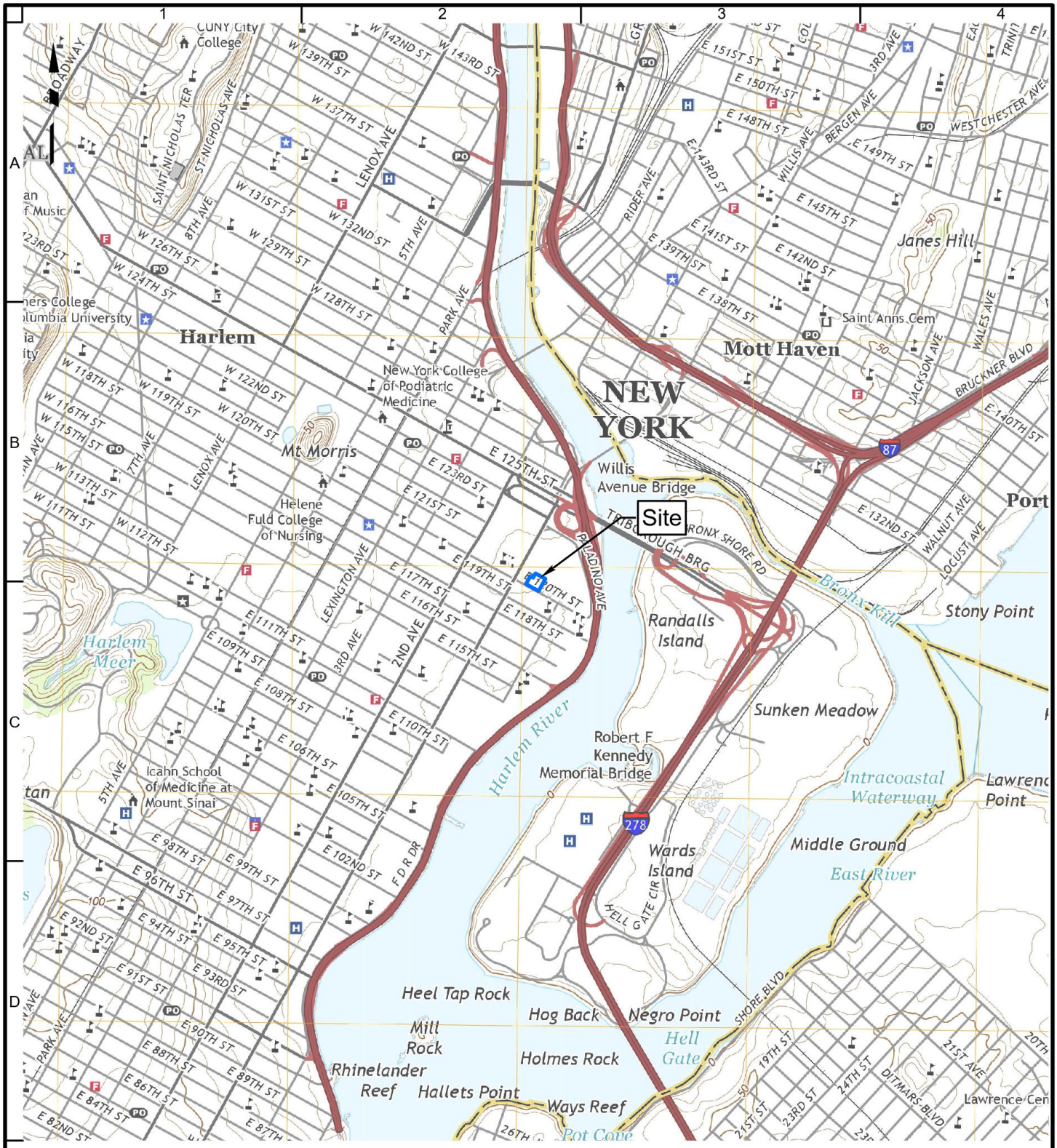
FIGURES



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 Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
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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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 Subject Property Boundary
- 1,000-Foot Radius

Land Use

- One & Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential & Commercial Buildings
- Commercial & Office Buildings
- Industrial & Manufacturing
- Transportation & Utility
- Public Facilities & Institutions
- Open Space & Outdoor Recreation
- Parking Facilities
- Vacant Land
- Other/No Data

Notes:
1. Land use data provided by the New York City Department of City Planning.

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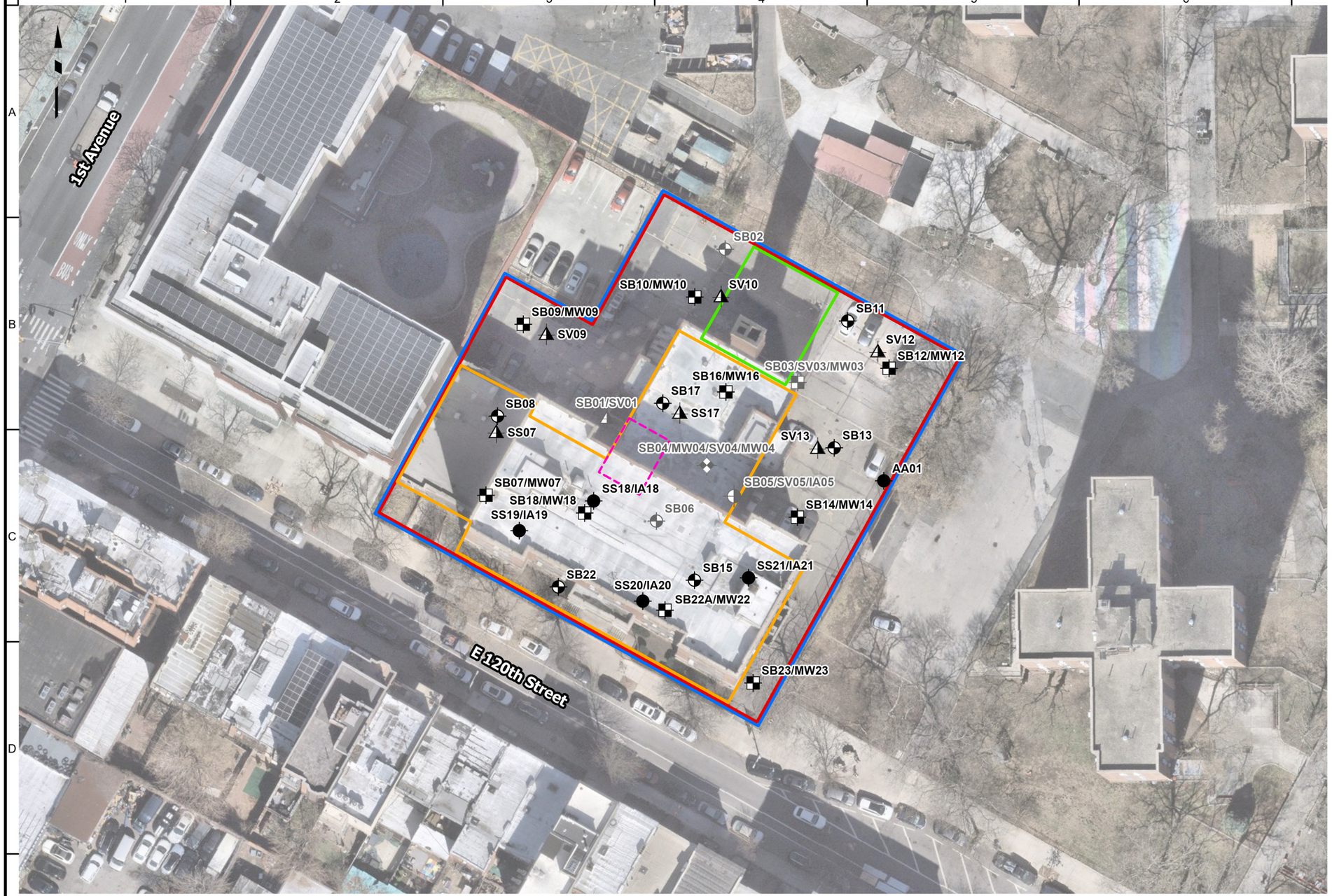
Project
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413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8
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Figure Title
SURROUNDING LAND USE MAP

Project No. 170745301	Figure No. 3
Date 6/19/2025	
Scale 1"=200'	
Drawn By MG	

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Legend

- Approximate Site Boundary
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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. AST - Aboveground Storage Tank

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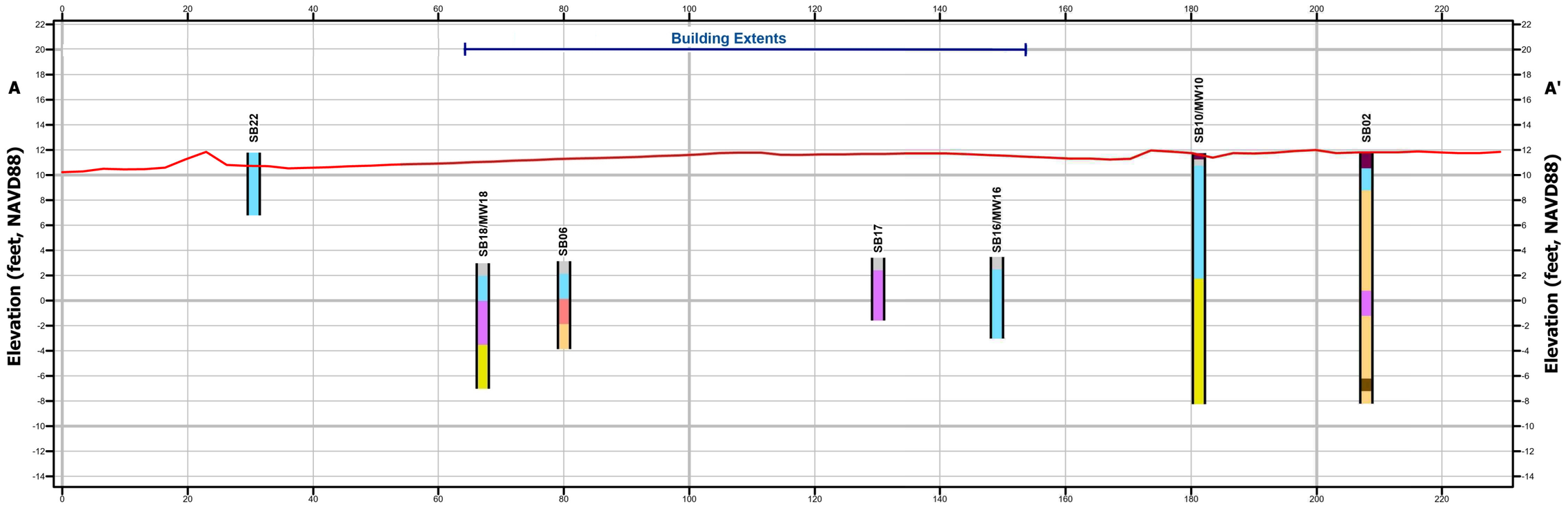
Project
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Figure Title
SAMPLE LOCATION MAP AND PRE-RI AREAS OF CONCERN

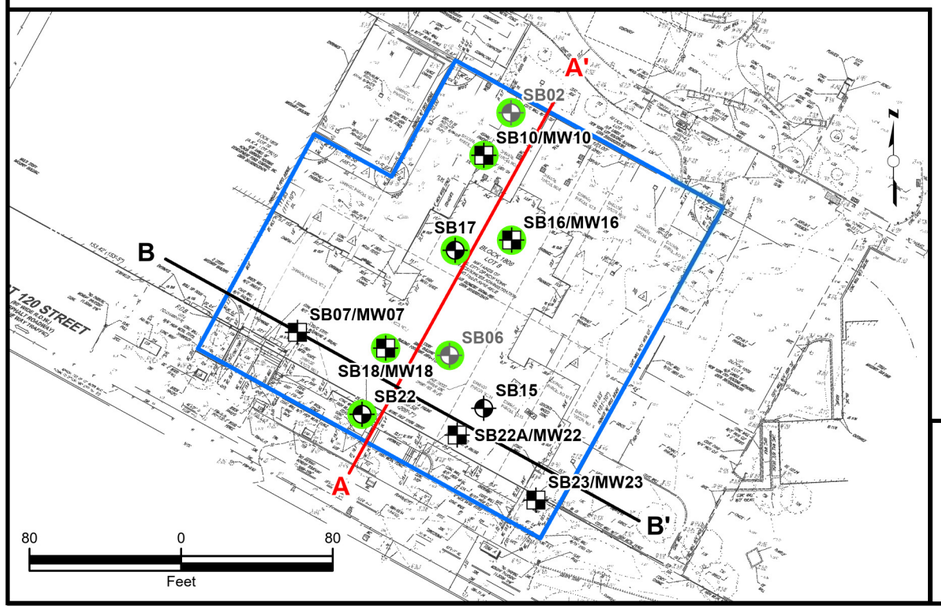
Project No.	170745301
Date	8/22/2025
Scale	1"=50'
Drawn By	MG
Figure No.	4

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Distance along Cross Section (feet, NAD83)



Legend

- Approximate Site Boundary
- Section Line A-A'
- Section Line B-B'
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- Sample Location shown in Subsurface Profile A-A'

- Concrete
- Asphalt
- Fill
- Silt [OL]
- Sand [SM]
- Sand [SP]
- Sand [SP-SM]
- Gravel Lens

Notes:
1. Basemap from "Boundary & Topographic Survey" prepared 24 February, 2022, by Control Point Associates, Inc. PC.
2. Vertical exaggeration 1:2
3. This profile represents a generalized soil cross section depicting location, elevation, and environmental properties between points of exploration; variations in subsurface conditions should be expected between borings.
4. Borings SB18/MW18, SB06, SB17, and SB16/MW16 were drilled from the building cellar floor 8 feet below surface grade.
5. NAVD88 = North American Vertical Datum of 1988
6. NAD83 = North American Datum of 1983

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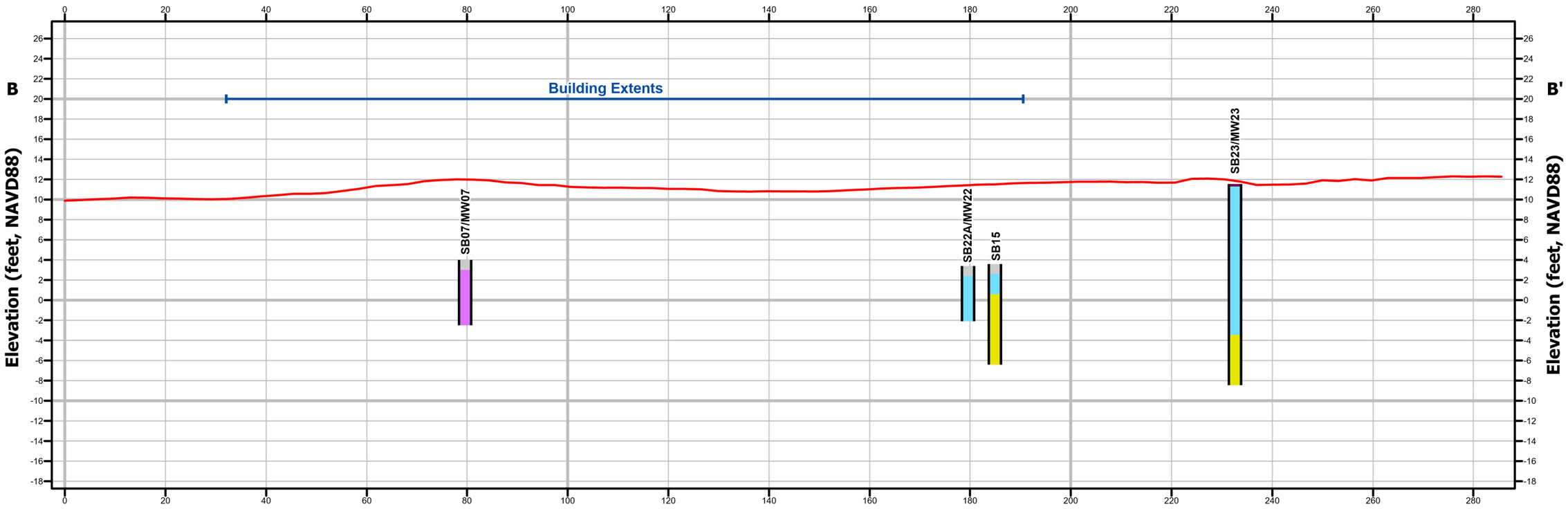
Project
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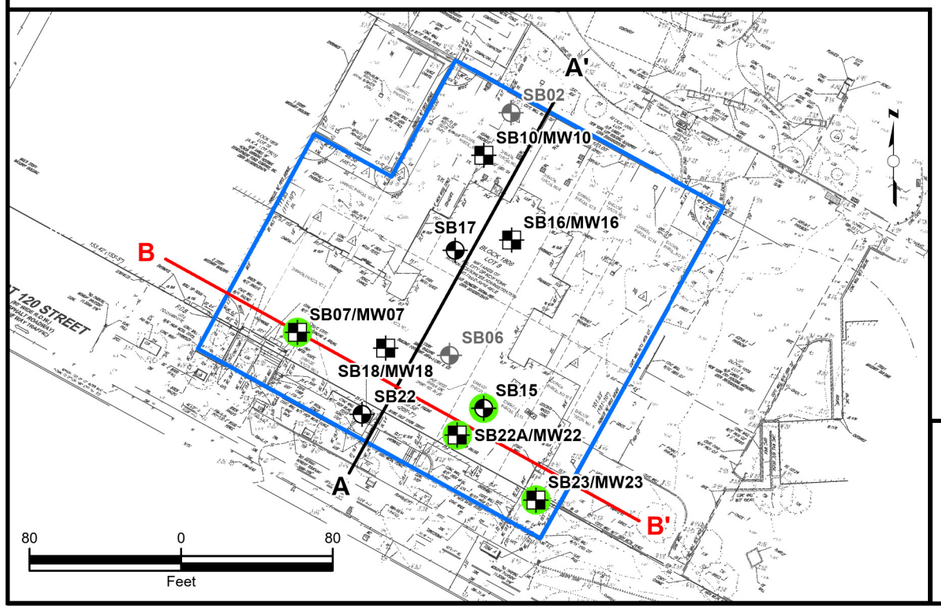
Figure Title
SUBSURFACE PROFILE A-A'

Project No.	170745301
Date	8/22/2025
Scale	1"=80'
Drawn By	GS

Figure No. 5A

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Legend

- Approximate Site Boundary
- Section Line A-A'
- Section Line B-B'
- RI Soil Boring Location
- RI Soil Boring and Monitoring Well Location
- 2022 Phase II ESI Soil Boring Location
- Sample Location shown in Subsurface Profile B-B'
- Concrete
- Asphalt
- Fill
- Silt [OL]
- Sand [SP-SM]

Notes:
1. Basemap from "Boundary & Topographic Survey" prepared 24 February, 2022, by Control Point Associates, Inc. PC.
2. Vertical exaggeration 1:2
3. This profile represents a generalized soil cross section depicting location, elevation, and environmental properties between points of exploration; variations in subsurface conditions should be expected between borings.
4. Borings SB07/MW07, SB22A/MW22, and SB15 were drilled from the building cellar floor 8 feet below surface grade.
5. NAVD88 = North American Vertical Datum of 1988
6. NAD83 = North American Datum of 1983

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Figure Title
SUBSURFACE PROFILE B-B'

Project No.	Figure No.
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Date: 8/22/2025	
Scale: 1"=80'	
Drawn By: GS	

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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. Because of inability to complete synoptic gauging for all wells or outlier data, only groundwater elevation data from MW07, MW16, and MW22 are included.

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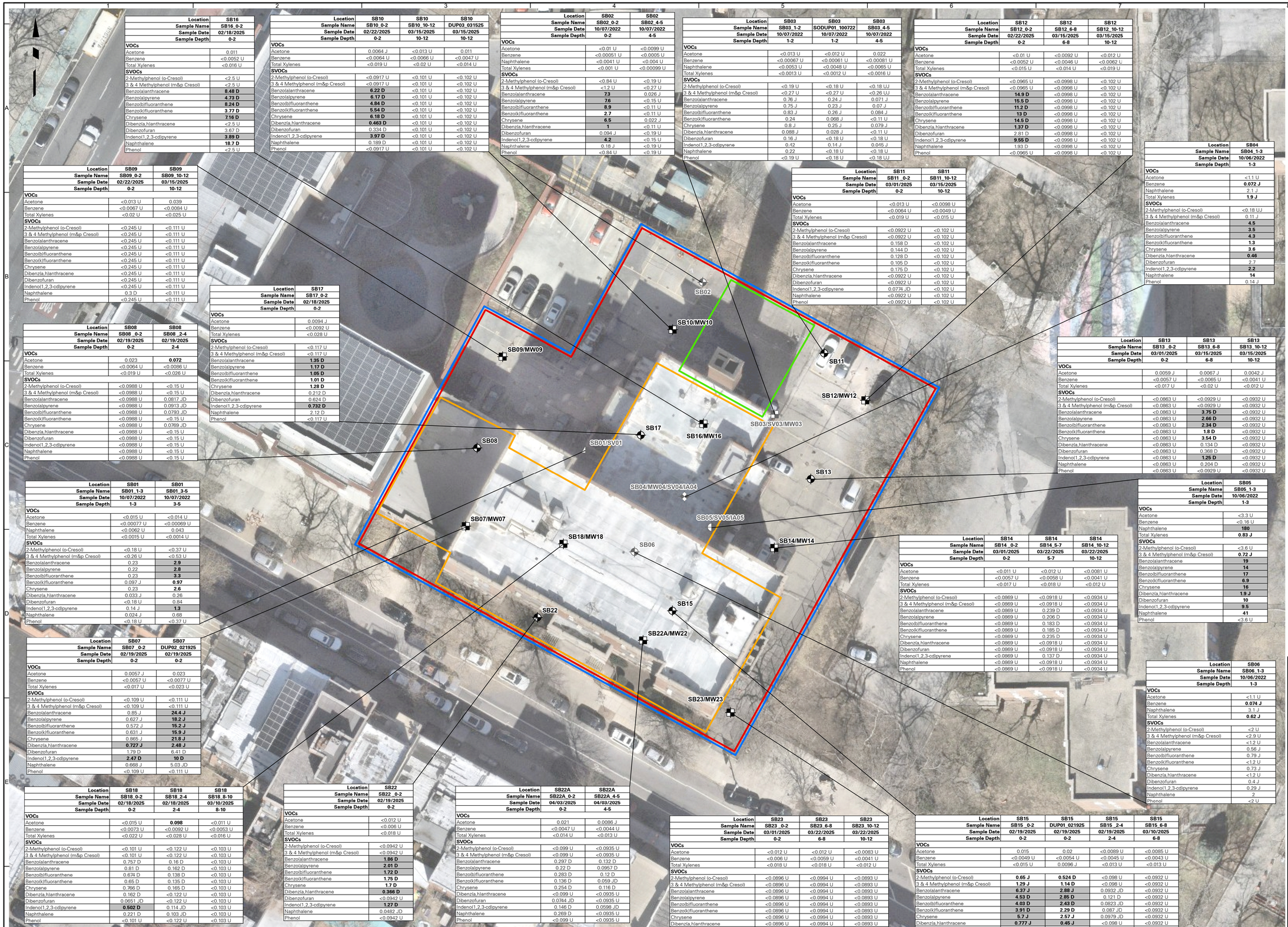
Project
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Figure Title
GROUNDWATER CONTOUR MAP

Project No.	170745301
Date	8/22/2025
Scale	1"=50'
Drawn By	GS
Figure No.	6

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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	<0.0988 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)	<0.26 U	<0.53 U
Benzo(a)anthracene	0.23	**2.9**
Benzo(a)pyrene	0.22	**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	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	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	0.985 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	0.0487 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	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

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.

Legend

- Approximate Site Boundary
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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

SCALE IN FEET: 20 0 20

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Project

THE BEACON

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

NEW YORK NEW YORK

Drawing Title

SOIL SAMPLE ANALYTICAL RESULTS MAP - VOCs AND SVOCs

Project No.	Drawing No.
170745301	7A
Date: 8/22/2025	
Scale: 1"=20'	
Drawn By: GS	
Checked By	

LANGAN PROJECT NO. 170745301

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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
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**	47.5
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

SB01/SV01
SB02
SB03/SV03/MW03
SB04/MW04/SV04/IA04
SB05/SV05/IA05
SB06
SB07/MW07
SB08
SB09/MW09
SB10/MW10
SB11
SB12/MW12
SB13
SB14/MW14
SB15
SB16/MW16
SB17
SB18/MW18
SB22
SB22A/MW22
SB23/MW23

20 0 20
SCALE IN FEET

Legend

- Approximate Site Boundary
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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

Drawing Title
SOIL SAMPLE ANALYTICAL RESULTS MAP - PESTICIDES AND METALS

Project No.	Drawing No.
170745301	7B
Date: 8/22/2025	
Scale: 1"=20'	
Drawn By: GS	
Checked By:	

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PROJECT NO. 170745301

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Path: \\langan.com\data\NY\Cadd\170745301\Project Data\ArcGIS\APRX\170745301\170745301.aprx Date: 8/22/2025 User: Gsajbel Time: 10:29 AM

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	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	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	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	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	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	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	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	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

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	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	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	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	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	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	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	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	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

Legend

- Approximate Site Boundary
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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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Project

THE BEACON

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

NEW YORK NEW YORK

Drawing Title

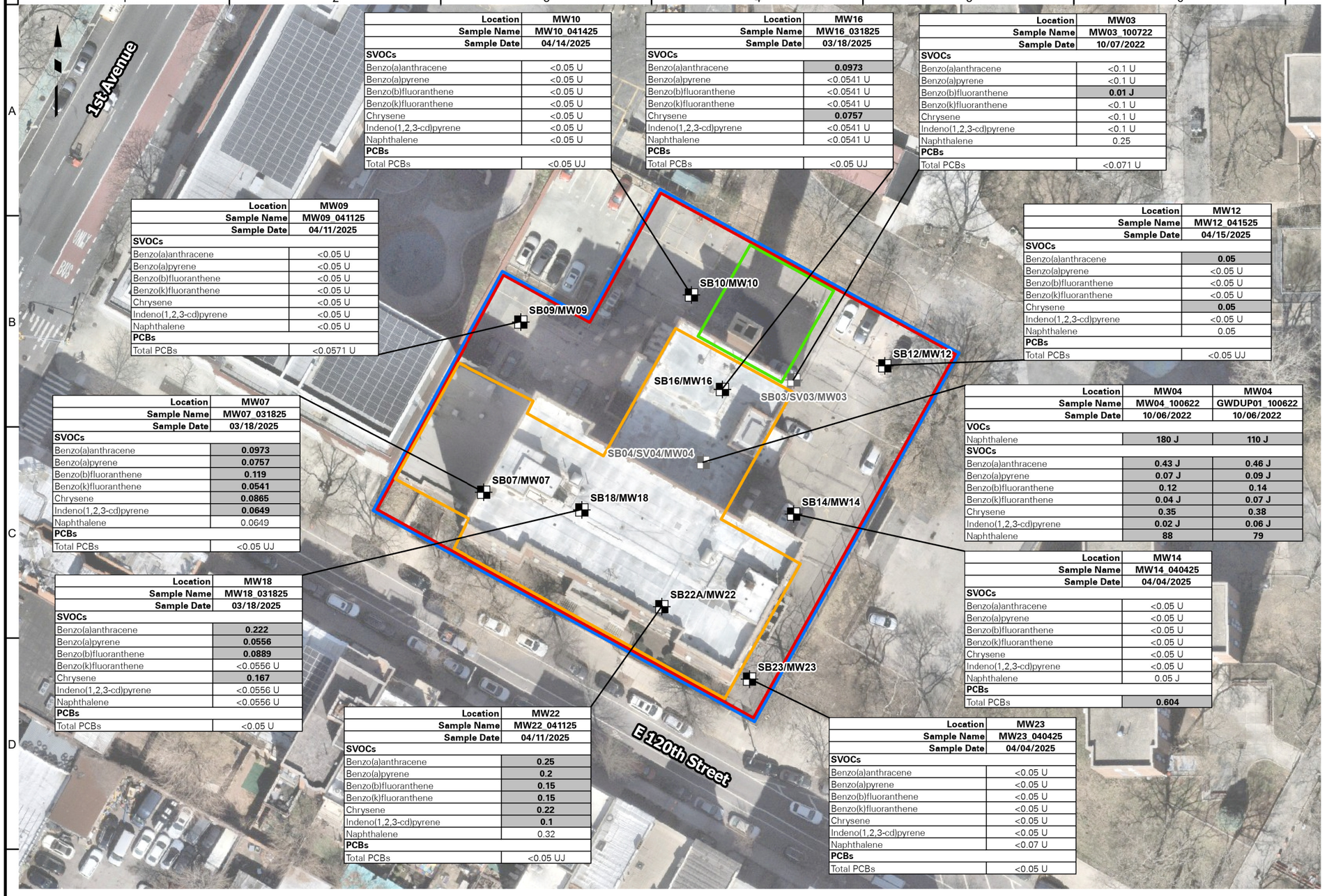
SOIL SAMPLE ANALYTICAL RESULTS MAP - PFAS

Project No.	Drawing No.
170745301	7C
Date: 8/22/2025	
Scale: 1"=20'	
Drawn By: GS	
Checked By:	

20 0 20
SCALE IN FEET

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LANGAN PROJECT NO. 170745301



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
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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.

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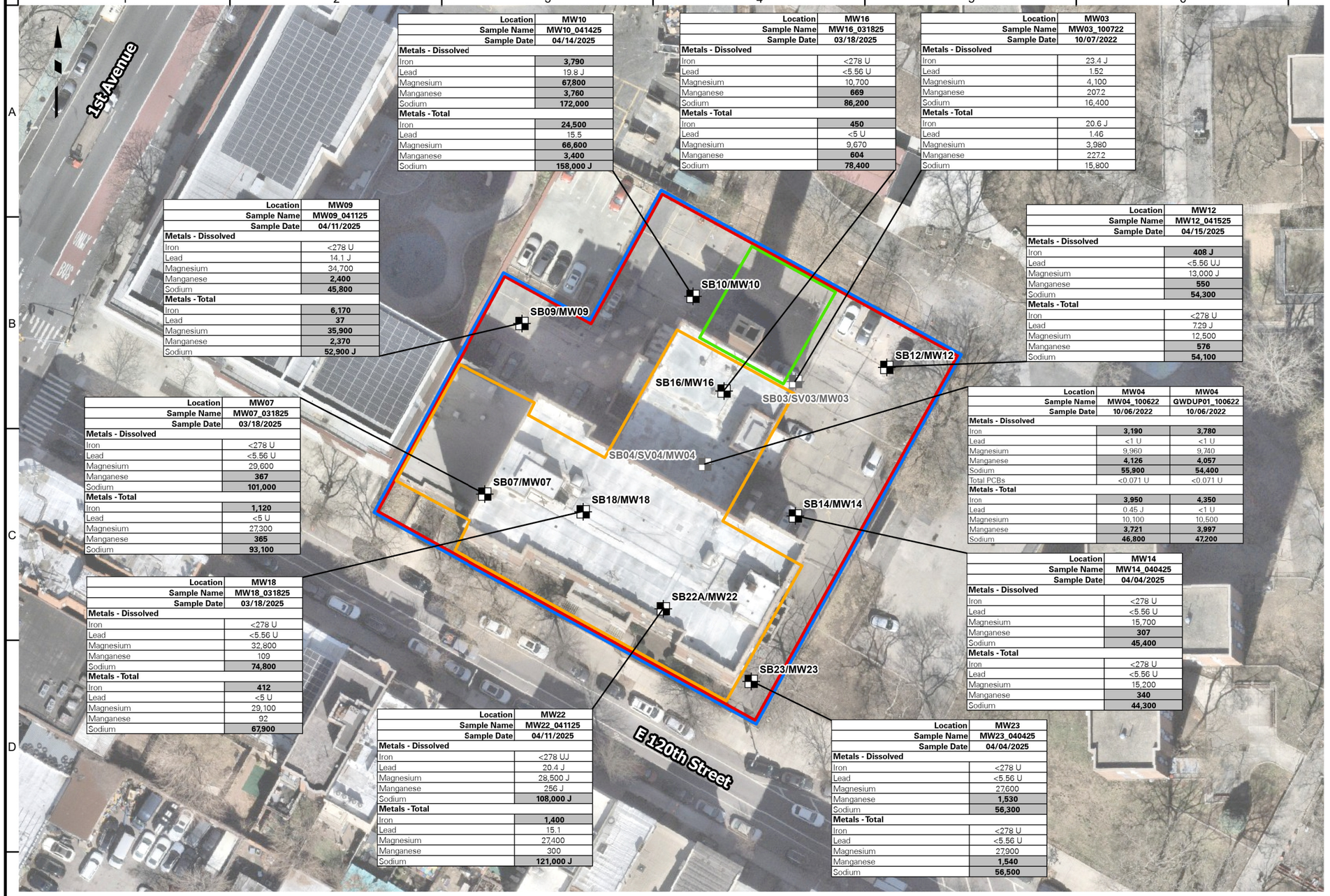
Project
THE BEACON
413 EAST 120th STREET
BLOCK No. 1808, LOT No. 8
NEW YORK NEW YORK

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

Project No.	170745301
Date	8/22/2025
Scale	1"=50'
Drawn By	GS
Figure No.	8A

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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
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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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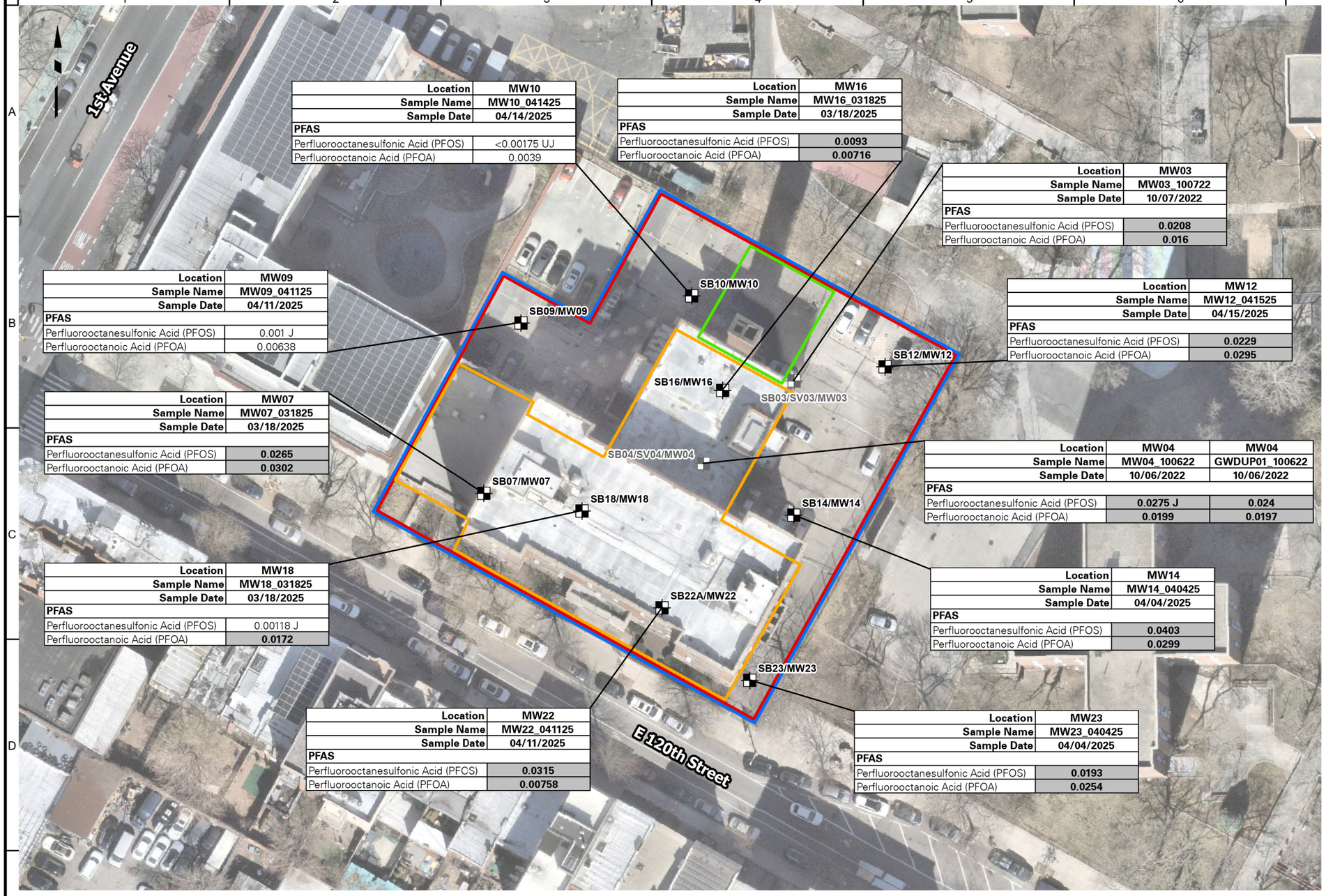
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Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP - METALS

Project No. 170745301
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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
- AOC 1 - Tar-like Impacts to Soil and Groundwater
- AOC 2 - SVOC and Metal Impacts in Non-Native Fill
- AOC 3 - Vault
- 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

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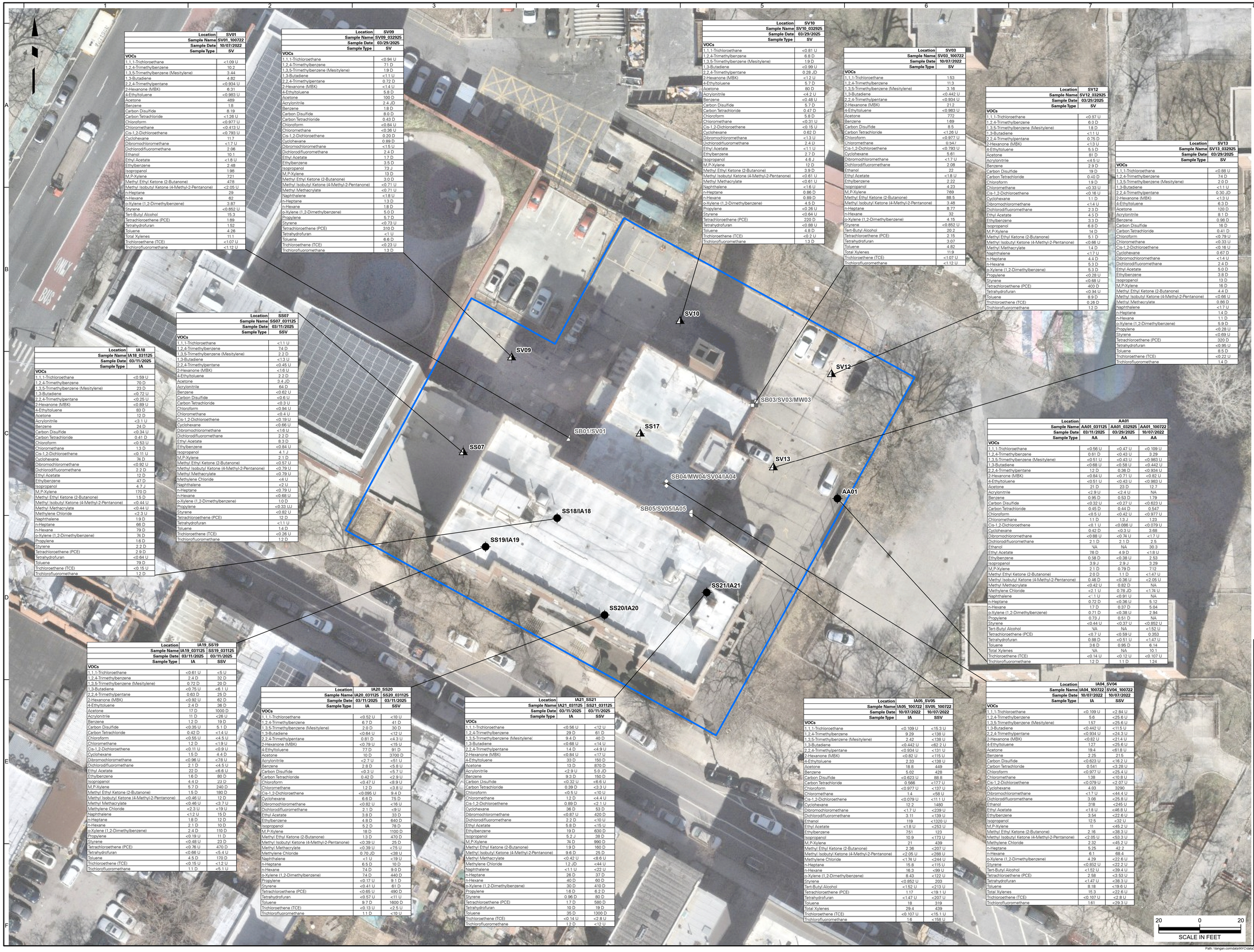
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Figure Title
GROUNDWATER SAMPLE ANALYTICAL RESULTS MAP - PFAS

Project No. 170745301
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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		0.947
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		74 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)		<1.3 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)		1.5 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		<0.44 U
Methyl Methacrylate		<0.44 U
Methylene Chloride		<2.3 U
n-Heptane		19 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	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	<6.1 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		1.6 D	80 D
Isopropanol		4.4 D	JJ 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)		13 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	5.8 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
n-Heptane		15.8	<115 U
n-Hexane		16.3	<99 U
o-Xylene (1,2-Dimethylbenzene)		8.43	<122 U
Styrene		<0.852 U	203
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	<618 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	<10.8 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

	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

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

Drawing Title

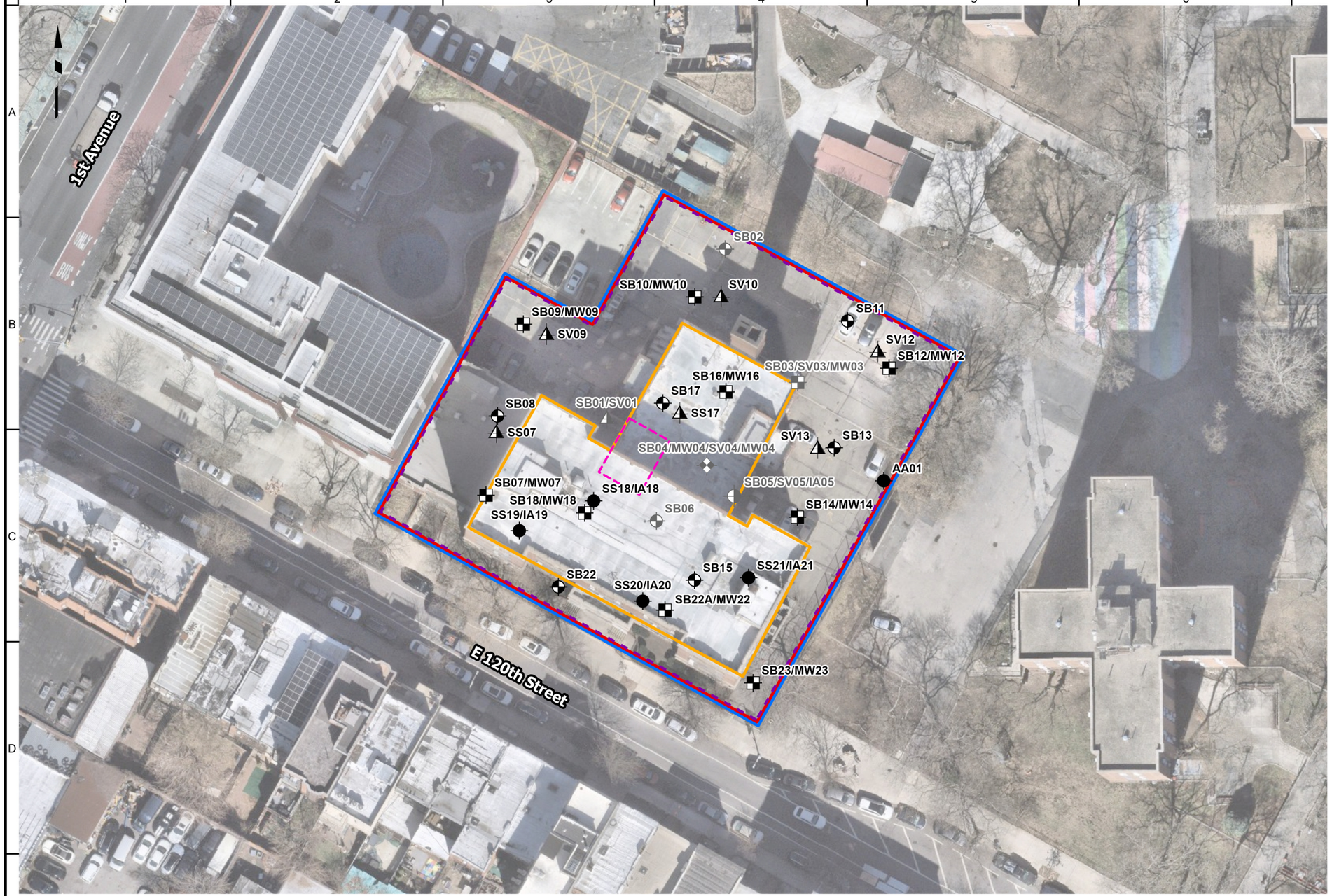
SOIL VAPOR SAMPLE ANALYTICAL RESULTS MAP

Project No. 170745301	Drawing No. 9
Date 8/22/2025	
Scale 1"=20'	
Drawn By GS	
Checked By	

PROJECT NO. 170745301

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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 - 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

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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THE BEACON
413 EAST 120th STREET
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Figure Title
AREAS OF CONCERN AND SAMPLE LOCATION MAP - POST-RI

Project No. 170745301	Figure No. 10
Date 7/23/2025	
Scale 1"=50'	
Drawn By GS	

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TABLES

Table 1
Remedial Investigation Report
Sample Summary

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

Sampling Event	Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Depth Interval (feet bsg)	Sample Date	Sample Type	Rationale	Analysis
SOIL SAMPLES								
Phase II ESI	SB01	SB01_1-3	1-3	1-3	10/7/2022	Grab	Shallow fill	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, Hexavalent & Trivalent Chromium, and Total Cyanide PFAS, and 1,4-dioxane (samples collected from below 3 feet bgs)
		SB01_3-5	3-5	3-5	10/7/2022		Deep fill	
	SB02	SB02_0-2	0-2	0-2	10/7/2022		Shallow fill	
		SB02_4-5	4-5	4-5	10/7/2022		Deep fill	
	SB03	SB03_1-2	1-2	1-2	10/7/2022		Shallow fill	
		SB03_4-5	4-5	4-5	10/7/2022		Deep fill	
	SB04	SB04_1-3	1-3	9-11	10/6/2022		Shallow fill; greatest degree of impacts	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals, Hexavalent & Trivalent Chromium, Total Cyanide, PFAS, and 1,4-dioxane
	SB05	SB05_1-3	1-3	9-11	10/6/2022		Shallow fill; greatest degree of impacts	
	SB06	SB06_1-3	1-3	9-11	10/6/2022		Shallow fill; greatest degree of impacts	
RI	SB07	SB07_0-2	0-2	8-10	2/19/2025		Shallow fill; groundwater interface	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals, Hexavalent & Trivalent Chromium, Total Cyanide, and PFAS
	SB08	SB08_0-2	0-2	8-10	2/19/2025		Shallow fill	
		SB08_2-4	2-4	10-12	2/19/2025		Groundwater interface	
	SB09	SB09_0-2	0-2	0-2	2/22/2025		Shallow fill	
		SB09_10-12	10-12	10-12	3/15/2025		Terminus of fill/groundwater interface	
	SB10	SB10_0-2	0-2	0-2	2/22/2025		Shallow fill	
		SB10_10-12	10-12	10-12	3/15/2025		Terminus of fill/groundwater interface	
	SB11	SB11_0-2	0-2	0-2	3/1/2025		Shallow fill	
		SB11_10-12	10-12	10-12	3/15/2025		Terminus of fill/groundwater interface	
	SB12	SB12_0-2	0-2	0-2	2/22/2025		Shallow fill	
		SB12_6-8	6-8	6-8	3/15/2025		Terminus of fill	
		SB12_10-12	10-12	10-12	3/15/2025		Groundwater interface	
	SB13	SB13_0-2	0-2	0-2	3/1/2025		Shallow fill	
		SB13_6-8	6-8	6-8	3/15/2025		Terminus of fill	
		SB13_10-12	10-12	10-12			Groundwater interface	
	SB14	SB14_0-2	0-2	0-2	3/1/2025		Shallow fill	
		SB14_5-7	5-7	5-7	3/22/2025		Deep fill	
		SB14_10-12	10-12	10-12			Terminus of fill/groundwater interface	
	SB15	SB15_0-2	0-2	8-10	2/19/2025		Shallow fill	
		SB15_2-4	2-4	10-12			Greatest degree of impacts	
		SB15_6-8	6-8	14-16	3/10/2025		Clean interval below observed impacts	
	SB16	SB16_0-2	0-2	8-10	2/18/2025		Shallow fill	
	SB17	SB17_0-2	0-2	8-10			Shallow fill	
	SB18	SB18_0-2	0-2	8-10			Shallow fill	
		SB18_2-4	2-4	10-12			Greatest degree of impacts	
		SB18_8-10	8-10	16-20	3/10/2025		Clean interval below observed impacts	
	SB22	SB22_0-2	0-2	0-2	2/19/2025		Shallow fill	
	SB22A	SB22A_0-2	0-2	8-10	4/4/2025		Shallow fill/groundwater interface	
		SB22A_4-5	4-5	12-13			Greatest degree of impacts	
	SB23	SB23_0-2	0-2	0-2	3/1/2025		Shallow fill	
		SB23_6-8	6-8	6-8	3/22/2025		Deep fill	
		SB23_10-12	10-12	10-12			Terminus of fill/groundwater interface	
SOIL QA/QC SAMPLES								
Phase II ESI	SB03	SBDUP01	1-2	1-2	10/7/2022	Duplicate	Duplicate	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, Hexavalent & Trivalent Chromium, Total Cyanide, PFAS, 1,4-dioxane
RI	SB07	DUP02_021925	0-2	8-10	2/19/2025			Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (including hexavalent and trivalent chromium), total cyanide, and PFAS
	SB10	DUP03_031525	10-12	10-12	3/15/2025			
	SB15	DUP01_021925	0-2	8-10	2/19/2025			
	SB15	SB15_0-2	0-2	8-10		MS/MSD	MS/MSD	
	SB09	SB09_0-2	0-2	0-2	2/22/2025			
	SB14	SB14_10-12	16-18	16-18	3/22/2025			
Phase II ESI	N/A	SOFB01_040425	N/A	N/A	4/4/2025	Field Blank	Field Blank	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, Hexavalent & Trivalent Chromium, Total Cyanide, PFAS, 1,4-dioxane
		FB01			10/6/2022			
		TB01_100622				Trip Blank	Trip Blank	Part 375/TCL VOCs
		TB02_100722						

Table 1
Remedial Investigation Report
Sample Summary

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

Sampling Event	Sample Location	Sample ID	Sample Depth Interval (feet bgs)	Sample Depth Interval (feet bsg)	Sample Date	Sample Type	Rationale	Analysis
GROUNDWATER SAMPLES								
Phase II ESI	MW03	MW03_100722	Middle of the observed water column		10/7/2022	Groundwater	AOC 2	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals and Hexavalent & Trivalent Chromium (Total and Dissolved), Total Cyanide, PFAS, and 1,4-dioxane
	MW04	MW04			10/6/2022		AOC 1	
RI	MW07	MW07_031825			3/18/2025		AOC 1	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Total and Dissolved), Hexavalent & Trivalent Chromium (Dissolved-Phase Only), Total Cyanide, and PFAS
	MW09	MW09_041125			4/11/2025		AOC 2	
	MW10	MW10_041425			4/14/2025			
	MW12	MW12_041525			4/15/2025			
	MW14	MW14_040425			4/4/2025			
	MW16	MW16_031825			3/18/2025		AOC 1	
	MW18	MW18_031825						
	MW22	MW22_041125			4/11/2025			
	MW23	MW23_040425			4/4/2025		AOC 2	
GROUNDWATER QA/QC SAMPLES								
Phase II ESI	MW04	GWDUP01	Middle of the observed water column		10/6/2022	Duplicate	Duplicate	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals and Hexavalent & Trivalent Chromium (Total and Dissolved), Total Cyanide, PFAS, and 1,4-dioxane
RI	MW16	GWDUP01_031825			3/18/2025			
	MW22	MW22_041125			4/11/2025	MS/MSD	MS/MSD	Part 375/TCL VOCs, SVOCs, PCBs, Pesticides, Herbicides, TAL Metals (Total and Dissolved), Hexavalent & Trivalent Chromium (Dissolved-Phase Only), Total Cyanide, and PFAS
Phase II ESI	N/A	GWFB02_041425			4/14/2025	Field Blank	Field Blank	
		FB02			10/7/2022			
RI		GWFB01_032225			3/22/2025	PFAS Field Blank	PFAS Field Blank	PFAS
		GWFB03_040425			4/4/2025			
		GWFB04_041125			4/11/2025			
		GWFB05_04152025			4/15/2025			
Phase II ESI		TB04_100722			10/7/2022	Trip Blank	Trip Blank	Part 375/TCL VOCs
RI		GWTB01_040425			4/4/2025			
		GWTB02_041125			4/11/2025			
		GWTB03_041425			4/14/2025			
		GWTB04_041525			4/15/2025			
AIR SAMPLES								
Phase II ESI	SV04	SV04_100722	6 inches below slab	8.5	10/7/2022	Sub-slab Soil Vapor	AOC 1	VOCs via USEPA Method TO-15
	SV05	SV05_100722						
RI	SS07	SS07_031125			3/11/2025			
	SS17	SS17_031125						
	SS18	SS18_031125						
	SS19	SS19_031125						
	SS20	SS20_031125						
	SS21	SS21_031125						
Phase II ESI	SV01	SV01_100722	5	5	10/7/2022	Subsurface Soil Vapor	AOC 2	
	SV03	SV03_100722	8	8				
RI	SV09	SV09_032925	6	6	3/29/2025			
	SV10	SV10_032925	7	7				
	SV12	SV12_032925						
	SV13	SV13_032925						
Phase II ESI	IA04	IA04_100722	5 feet above grade	5 feet above grade	10/7/2022	Indoor Air	AOC 1	
	IA05	IA05_100722	4 feet above grade	4 feet above grade				
RI	IA18	IA18_031125	3 feet above grade surface	3 feet above grade surface	3/11/2025			
	IA19	IA19_031125						
	IA20	IA20_031125						
	IA21	IA21_031125						
AIR QA/QC SAMPLES								
Phase II ESI	N/A	AA01_100722	5 feet above grade	5 feet above grade	10/7/2022	Ambient Air	Ambient Air	VOCs via USEPA Method TO-15
RI		AA01_031125	3 feet above grade	3 feet above grade	3/11/2025			
		AA01_032925			3/29/2025			

Notes:
Part 375 list taken from Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375.
TCL - Target Compound List
VOC - Volatile organic compound
SVOC - Semivolatile organic compound
PCB - Polychlorinated biphenyl
TAL - Target Analyte List
QA/QC - Quality assurance/quality control
bgs - below grade surface; surface grade varies throughout the site
bsg - below sidewalk grade
PFAS - Per- and Polyfluoroalkyl Substances
USEPA - United States Environmental Protection Agency
RI - Remedial Investigation
ESI - Environmental Site Investigation

Table 2
Remedial Investigation Report
Groundwater Elevation Summary

The Beacon - 413 East 120th Street
New York, New York
NYSDEC BCP Site No.: C231153
Langan Project No.: 170745301

Well ID	Elevation of Top of Casing (NAVD88)	Date of Depth to Groundwater Measurement	Depth to Groundwater (feet below top of casing)	Groundwater Elevation (NAVD88)	Total Depth (feet below top of casing)
MW07	3.89	3/18/2025	1.16	2.73	6.25
MW09	10.69	4/11/2025	8.13	2.56	17.00
MW10	11.28	4/14/2025	8.78	2.50	17.00
MW12	11.48	4/15/2025	8.85	2.63	17.00
MW14	11.63	4/4/2025	8.95	2.68	17.00
MW16	3.50	3/18/2025	0.87	2.63	6.25
MW18	3.44	3/18/2025	1.02	2.42	6.25
MW22	4.04	3/18/2025	1.50	2.54	5.25
MW23	11.45	4/4/2025	9.26	2.19	17.00

Notes:

1. Monitoring wells were surveyed by Langan on June 20, 2025
2. Elevations are relative to the North American Vertical Datum of 1988 (NAVD88)

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08	SB09	SB09
					Sample Name	SB01_1-3	SB01_3-5	SB02_0-2	SB02_4-5	SB03_1-2	SODUP01_100722	SB03_4-5	SB04_1-3	SB05_1-3	SB06_1-3	SB07 _0-2	DUP02_021925	SB08 _0-2	SB08 _2-4	SB09_0-2	SB09_10-12
					Sample Date	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/06/2022	10/06/2022	10/06/2022	02/19/2025	02/19/2025	02/19/2025	02/19/2025	02/22/2025	03/15/2025
					Sample Depth (ft bgs)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	1-3	1-3	1-3	0-2	0-2	0-2	2-4	0-2	10-12
					Sample Depth (ft bsg)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	9-11	9-11	9-11	8-10	8-10	8-10	10-12	0-2	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1,1-Trichloroethane	71-55-6	0.68	100	500	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1-Dichloroethane	75-34-3	0.27	26	240	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1-Dichloroethene	75-35-4	0.33	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	11 J	4.4	15 J	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	190	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	1 J	0.86	0.37 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0046 U	<0.0041 U	<0.0031 U	<0.003 U	<0.004 U	<0.0036 U	<0.0049 U	<0.33 U	<0.98 U	<0.32 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2-Dichloroethane	107-06-2	0.02	3.1	30	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	190	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	0.1 J	0.2 J	0.05 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	4.1 J	1.1	0.89 J	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	<0.12 U	<0.11 U	<0.082 U	<0.079 U	<0.11 U	<0.097 U	<0.13 U	<8.7 U	<26 U	<8.6 U	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	1.3 J	0.62 J	0.4 J	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.05**	100	500	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	0.022	<1.1 U	<3.3 U	<1.1 U	0.0057 J	0.023	0.023	**0.072**	<0.013 U	0.039
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.015 U	<0.013 U	<0.017 U	<0.013 U	<0.017 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0062 U	<0.0055 U	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	<0.44 U	<1.3 U	<0.43 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Benzene	71-43-2	**0.06**	4.8	44	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	**0.072 J**	<0.16 U	**0.074 J**	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0062 U	<0.0055 U	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	<0.44 U	<1.3 U	<0.43 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Carbon Tetrachloride	56-23-5	0.76	2.4	22	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Chlorobenzene	108-90-7	1.1	100	500	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 UJ
Chloroform	67-66-3	0.37	49	350	mg/kg	<0.0023 U	<0.0021 U	<0.0015 U	<0.0015 U	<0.002 U	<0.0018 U	<0.0024 U	<0.16 U	<0.49 U	<0.16 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0062 U	<0.0055 U	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	<0.44 U	<1.3 U	<0.43 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Cis-1,2-Dichloroethene	156-59-2	0.25	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	0.026 J	0.036 J	0.014 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	1	41	390	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	0.77 J	0.32 J	0.31 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0062 U	<0.0055 U	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	<0.44 U	<1.3 U	<0.43 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	0.77 J	0.39	1.2 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	1.6 J	0.64 J	0.53 J	<0.011 U	<0.015 U	<0.013 U	<0.017 U	<0.013 U	<0.017 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	500	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	<0.0057 U	0.0066 J	0.0068	0.025	<0.0067 U	0.011
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	<0.0057 UJ	<0.0077 UJ	<0.0064 UJ	<0.0086 UJ	<0.0067 UJ	<0.0084 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Methylene Chloride	75-09-2	0.05	100	500	mg/kg	<0.0077 U	<0.0069 U	<0.0051 U	<0.005 U	<0.0067 U	<0.0061 U	<0.0081 U	<0.54 U	<1.6 U	<0.54 U	<0.011 U	<0.015 U	<0.013 U	<0.017 U	<0.013 U	<0.017 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	<0.0062 U	0.043	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	2.1 J	**180**	3.1 J	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	12	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	9.8 J	2.4	3.6 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
n-Propylbenzene	103-65-1	3.9	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	2.8 J	1	3 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	0.26 J	0.19 J	0.093 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Sec-Butylbenzene	135-98-8	11	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	6.7 J	1.5	3 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
T-Butylbenzene	98-06-6	5.9	100	500	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	0.28 J	0.1 J	0.65 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0057 UJ	<0.0077 UJ	<0.0064 UJ	<0.0086 UJ	<0.0067 UJ	<0.0084 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	100	500	mg/kg	<0.0031 U	<0.0028 U	<0.002 U	<0.002 U	<0.0027 U	<0.0024 U	<0.0032 U	<0.22 U	<0.65 U	<0.21 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Tetrachloroethene (PCE)	127-18-4	1.3	19	150	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 UJ	<0.0077 UJ	<0.0064 UJ	<0.0086 UJ	<0.0067 UJ	<0.0084 U
Toluene	108-88-3	0.7	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	0.34 J	<0.33 U	0.16 J	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	100	500	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	**1.9 J**	**0.83 J**	**0.62 J**	<0.017 U	<0.023 U	<0.019 U	<0.026 U	<0.02 U	<0.025 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	100	500	mg/kg	<0.0023 U	<0.0021 U	<0.0015 U	<0.0015 U	<0.002 U	<0.0018 U	<0.0024 U	<0.16 U	<0.49 U	<0.16 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0077 U	<0.0069 U	<0.0051 U	<0.005 U	<0.0067 U	<0.0061 U	<0.0081 U	<0.54 U	<1.6 U	<0.54 U	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	21	200	mg/kg	<0.00077 U	<0.00069 U	<0.00051 U	<0.0005 U	<0.00067 U	<0.00061 U	<0.00081 U	<0.054 U	<0.16 U	<0.054 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0062 U	<0.0055 U	<0.0041 U	<0.004 U	<0.0053 U	<0.0048 U	<0.0065 U	<0.44 U	<1.3 U	<0.43 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.015 U	<0.014 U	<0.01 U	<0.0099 U	<0.013 U	<0.012 U	<0.016 U	<1.1 U	<3.3 U	<1.1 U	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.02	0.9	13	mg/kg	<0.0015 U	<0.0014 U	<0.001 U	<0.00099 U	<0.0013 U	<0.0012 U	<0.0016 U	<0.11 U	<0.33 U	<0.11 U	<0.0057 U	<0.0077 U	<0.0064 U	<0.0086 U	<0.0067 U	<0.0084 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08	SB09	SB09
					Sample Name	SB01_1-3	SB01_3-5	SB02_0-2	SB02_4-5	SB03_1-2	SODUP01_100722	SB03_4-5	SB04_1-3	SB05_1-3	SB06_1-3	SB07 _0-2	DUP02_021925	SB08 _0-2	SB08 _2-4	SB09_0-2	SB09_10-12
					Sample Date	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/06/2022	10/06/2022	10/06/2022	02/19/2025	02/19/2025	02/19/2025	02/19/2025	02/22/2025	03/15/2025
					Sample Depth (ft bgs)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	1-3	1-3	1-3	0-2	0-2	0-2	2-4	0-2	10-12
					Sample Depth (ft bsg)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	9-11	9-11	9-11	8-10	8-10	8-10	10-12	0-2	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	<0.028 U	<0.056 U	<0.12 U	<0.028 U	<0.028 U	<0.028 U	<0.027 U	<0.028 U	<0.54 U	<0.3 U	<0.0196 U	<0.0196 U	<0.0198 U	<0.0196 U	<0.0198 U	<0.0198 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	<0.18 UJ	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.11 U	<0.22 U	<0.5 U	<0.11 U	<0.11 U	<0.11 U	<0.11 UJ	<0.11 UJ	<2.2 U	<1.2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.16 U	<0.33 U	<0.75 U	<0.17 U	<0.17 U	<0.17 U	<0.16 UJ	<0.16 UJ	<3.2 U	<1.8 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	<0.18 UJ	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.88 U	<1.8 U	<4 U	<0.91 U	<0.9 U	<0.89 U	<0.87 UJ	<0.88 UJ	<17 U	<9.6 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	<0.18 UJ	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.22 U	0.29 J	<1 U	<0.23 U	0.1 J	<0.22 U	<0.22 U	2.8	9.7	0.53 J	1.07 J	3.55 J	<0.0988 U	<0.15 U	0.653 D	<0.111 U
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	100	500	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	<0.18 UJ	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.4 U	<0.8 U	<1.8 U	<0.41 U	<0.4 U	<0.4 U	<0.39 UJ	<0.4 UJ	<7.8 U	<4.3 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	100	500	mg/kg	<0.26 U	<0.53 U	<1.2 U	<0.27 U	<0.27 U	<0.27 U	<0.26 UJ	0.11 J	**0.72 J**	<2.9 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.48 U	<0.96 U	<2.2 U	<0.49 U	<0.49 U	<0.48 U	<0.47 UJ	<0.48 UJ	<9.3 U	<5.2 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	<0.18 UJ	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.26 U	<0.52 U	<1.2 U	<0.26 U	<0.26 U	<0.26 U	<0.25 UJ	<0.26 UJ	<5 U	<2.8 U	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
Acenaphthene	83-32-9	20	100	500	mg/kg	<0.15 U	1.1	0.25 J	<0.15 U	0.22	<0.15 U	<0.14 U	1.7	6.8	0.24 J	1.24 D	4.72 JD	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Acenaphthylene	208-96-8	100	100	500	mg/kg	<0.15 U	0.06 J	0.53 J	<0.15 U	0.12 J	0.037 J	<0.14 U	0.82	3	<1.6 U	0.253 J	1.7 J	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.438 U	<0.446 U	<0.396 U	<0.602 U	<0.982 U	<0.446 U
Anthracene	120-12-7	100	100	500	mg/kg	0.053 J	2.3	1.3	<0.11 U	0.38 J	0.058 J	<0.11 U	3.9	16	0.64 J	3 J	15.2 J	<0.0988 U	<0.15 U	0.157 JD	<0.111 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.438 U	<0.446 U	<0.396 U	<0.602 U	<0.982 U	<0.446 U
Benzo(a)anthracene	56-55-3	**1**	1	5.6	mg/kg	0.23	**2.9**	**7.3**	0.026 J	0.76 J	0.24 J	0.071 J	**4.5**	**19**	<1.2 U	0.85 J	**24.4 J**	<0.0988 U	0.0817 JD	<0.245 U	<0.111 U
Benzo(a)pyrene	50-32-8	**1**	1	1	mg/kg	0.22	**2.8**	**7.6**	<0.15 U	0.75 J	0.23 J	0.07 J	**3.5**	**14**	0.56 J	0.627 J	**18.2 J**	<0.0988 U	0.0913 JD	<0.245 U	<0.111 U
Benzo(b)fluoranthene	205-99-2	**1**	1	5.6	mg/kg	0.23	**3.3**	**8.9**	<0.11 U	0.83 J	0.26 J	0.084 J	**4.3**	**17**	0.79 J	0.572 J	**15.2 J**	<0.0988 U	0.0793 JD	<0.245 U	<0.111 U
Benzo(g,h,i)Perylene	191-24-2	100	100	500	mg/kg	0.13 J	<0.3 U	4.3	<0.15 U	0.39	0.13 J	0.043 J	1.7	7.8	0.33 J	2.29 D	4.94 JD	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzo(k)fluoranthene	207-08-9	**0.8**	3.9	56	mg/kg	0.097 J	**0.97**	**2.7**	<0.11 U	0.24	0.068 J	<0.11 U	**1.3**	**6.9**	<1.2 U	0.631 J	**15.9 J**	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.6 U	<1.2 U	<2.7 U	<0.61 U	<0.61 U	<0.6 U	<0.59 UJ	<0.6 UJ	<12 U	<6.5 UJ	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	0.319 D	<0.111 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.42 U	0.093 J	<1.9 U	<0.43 U	0.027 J	<0.42 U	<0.41 U	0.54	1.8 J	<4.5 U	0.28 J	1.06 J	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.2 U	<0.4 U	<0.9 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<3.9 U	<2.2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.16 U	<0.33 U	<0.75 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<3.2 U	<1.8 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.22 U	<0.44 U	<1 U	<0.23 U	<0.22 U	<0.22 U	<0.22 U	<0.22 U	<4.3 U	<2.4 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	5 D	<0.111 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.022 J	1.1	0.28 J	<0.19 U	0.13 J	<0.18 U	<0.18 U	2.3	8.9	0.3 J	1.67 D	4.5 JD	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Chrysene	218-01-9	**1**	3.9	56	mg/kg	0.23	**2.6**	**6.5**	0.022 J	0.8 J	0.25 J	0.079 J	**3.6**	**16**	0.73 J	0.865 J	**21.8 J**	<0.0988 U	0.0769 JD	<0.245 U	<0.111 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	0.33	0.56	mg/kg	0.033 J	0.26	**1**	<0.11 U	0.088 J	0.028 J	<0.11 U	**0.46**	**1.9 J**	<1.2 U	**0.727 J**	**2.48 J**	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Dibenzofuran	132-64-9	**7**	59	350	mg/kg	<0.18 U	0.84	0.094 J	<0.19 U	0.16 J	<0.18 U	<0.18 U	2.7	**10**	0.4 J	1.79 D	6.41 D	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	0.304 D	<0.111 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	0.22	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.218 U	<0.223 U	<0.197 U	<0.3 U	<0.49 U	<0.222 U
Fluoranthene	206-44-0	100	100	500	mg/kg	0.4	7.8	11	<0.11 U	1.8 J	0.42 J	0.13	14	49	2.4	2.53 J	66.3 J	0.0837 JD	0.168 D	0.488 D	<0.111 U
Fluorene	86-73-7	30	100	500	mg/kg	0.018 J	1	0.2 J	<0.19 U	0.23	0.02 J	<0.18 U	3.8	11	0.35 J	1.18 D	4.45 JD	<0.0988 U	<0.15 U	0.143 JD	<0.111 U
Hexachlorobenzene	118-74-1	0.33	1.2	6	mg/kg	<0.11 U	<0.22 U	<0.5 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<2.2 U	<1.2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.53 U	<1 U	<2.4 U	<0.54 U	<0.54 U	<0.53 U	<0.52 U	<0.53 U	<10 U	<5.7 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<0.67 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.15 U	<2.9 U	<1.6 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	0.5	5.6	mg/kg	0.14 J	**1.3**	**4.2**	<0.15 U	0.42	0.14 J	0.045 J	**2.2**	**9.5**	0.29 J	**2.47 D**	**10 D**	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.16 U	<0.33 U	<0.75 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<3.2 U	<1.8 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	0.024 J	0.68	0.18 J	<0.19 U	0.22	<0.18 U	<0.18 U	**14**	**41**	2	0.668 J	5.03 JD	<0.0988 U	<0.15 U	0.3 D	<0.111 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.16 U	<0.33 U	<0.75 U	<0.17 U	<0.17 U	<0.17 U	<0.16 U	<0.16 U	<3.2 U	<1.8 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 U	<0.18 U	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.15 U	<0.3 U	<0.67 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U	<0.15 U	<2.9 U	<1.6 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Pentachlorophenol	87-86-5	0.8	6.7	6.7	mg/kg	<0.15 U	<0.3 U	<0.67 U	<0.15 U	<0.15 U	<0.15 U	<0.14 UJ	<0.15 UJ	<2.9 U	<1.6 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Phenanthrene	85-01-8	100	100	500	mg/kg	0.22	9	3.4	<0.11 U	2 J	0.27 J	0.087 J	19	65	2.8	3.08 J	78.1 J	<0.0988 U	<0.15 U	0.557 D	<0.111 U
Phenol	108-95-2	**0.33**	100	500	mg/kg	<0.18 U	<0.37 U	<0.84 U	<0.19 U	<0.19 U	<0.18 U	<0.18 UJ	0.14 J	<3.6 U	<2 U	<0.109 U	<0.111 U	<0.0988 U	<0.15 U	<0.245 U	<0.111 U
Pyrene	129-00-0	100	100	500	mg/kg	0.36	6.2	10	<0.11 U	1.7 J	0.43 J	0.13	10	35	1.8	2.06 J	50.7 J	0.0671 JD	0.0998 JD	0.815 D	<0.111 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.438 U	<0.446 U	<0.396 U	<0.602 U	<0.982 U	<0.446 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08	SB09	SB09
					Sample Name	SB01_1-3	SB01_3-5	SB02_0-2	SB02_4-5	SB03_1-2	SODUP01_100722	SB03_4-5	SB04_1-3	SB05_1-3	SB06_1-3	SB07 _0-2	DUP02_021925	SB08 _0-2	SB08 _2-4	SB09_0-2	SB09_10-12
					Sample Date	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/06/2022	10/06/2022	10/06/2022	02/19/2025	02/19/2025	02/19/2025	02/19/2025	02/22/2025	03/15/2025
					Sample Depth (ft bgs)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	1-3	1-3	1-3	0-2	0-2	0-2	2-4	0-2	10-12
					Sample Depth (ft bsg)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	9-11	9-11	9-11	8-10	8-10	8-10	10-12	0-2	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																					
4,4'-DDD	72-54-8	0.0033	13	92	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
4,4'-DDE	72-55-9	0.0033	8.9	62	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	0.00097 J	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
4,4'-DDT	50-29-3	**0.0033**	7.9	47	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	**0.00595 D**	<0.00222 U
Aldrin	309-00-2	0.005	0.097	0.68	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	3.4	mg/kg	<0.000727 U	<0.000736 U	<0.000674 U	<0.000731 U	<0.000762 U	<0.000728 U	<0.00073 U	0.00224 J	<0.00072 U	<0.0008 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Alpha Chlordane	5103-71-9	0.094	4.2	24	mg/kg	<0.00218 U	<0.00221 U	<0.00202 U	<0.00219 U	<0.00228 U	<0.00218 U	<0.00219 U	<0.00218 U	<0.00216 U	<0.0024 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Alpha Endosulfan	959-98-8	2.4	24	200	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	3	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Beta Endosulfan	33213-65-9	2.4	24	200	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0145 U	<0.0147 U	<0.0135 U	<0.0146 U	<0.0152 U	<0.0146 U	<0.0146 U	<0.0145 U	<0.0144 U	<0.016 U	<0.0434 U	<0.0439 U	<0.0394 U	<0.0595 U	<0.0387 U	<0.0443 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	500	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Dieldrin	60-57-1	0.005	0.2	1.4	mg/kg	<0.00109 U	<0.0011 U	<0.00101 U	<0.0011 U	<0.00114 U	<0.00109 U	<0.00109 U	<0.00109 U	<0.00108 U	<0.0012 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Endosulfan Sulfate	1031-07-8	2.4	24	200	mg/kg	<0.000727 U	<0.000736 U	<0.000674 U	<0.000731 U	<0.000762 U	<0.000728 U	<0.00073 U	<0.000726 U	<0.00072 U	<0.0008 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Endrin	72-20-8	0.014	11	89	mg/kg	<0.000727 U	<0.000736 U	<0.000674 U	<0.000731 U	<0.000762 U	<0.000728 U	<0.00073 U	<0.000726 U	<0.00072 U	<0.0008 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00218 U	<0.00221 U	<0.00202 U	<0.00219 U	<0.00228 U	<0.00218 U	<0.00219 U	<0.00218 U	<0.00216 U	<0.0024 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00174 U	<0.00176 U	<0.00162 U	<0.00175 U	<0.00183 U	<0.00175 U	<0.00175 U	<0.00174 U	<0.00173 U	<0.00192 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Gamma Bhc (Lindane)	58-89-9	0.1	1.3	9.2	mg/kg	<0.000727 U	<0.000736 U	<0.000674 U	<0.000731 U	<0.000762 U	<0.000728 U	<0.00073 U	<0.000726 U	<0.00072 U	<0.0008 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	<0.00218 U	<0.00221 U	<0.00202 U	<0.00219 U	<0.00228 U	<0.00218 U	<0.00219 U	<0.00218 U	<0.00216 U	<0.0024 U	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Heptachlor	76-44-8	0.042	2.1	15	mg/kg	<0.000872 U	<0.000883 U	<0.000809 U	<0.000877 U	<0.000914 U	<0.000873 U	<0.000876 U	<0.000871 U	<0.000864 U	<0.00096 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00327 U	<0.00331 U	<0.00303 U	<0.00329 U	<0.00343 U	<0.00327 U	<0.00328 U	<0.00327 U	<0.00324 U	<0.0036 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00327 U	<0.00331 U	<0.00303 U	<0.00329 U	<0.00343 U	<0.00327 U	<0.00328 U	<0.00327 U	<0.00324 U	<0.0036 U	<0.00217 U	<0.0022 U	<0.00197 U	<0.00297 U	<0.00193 U	<0.00222 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0327 U	<0.0331 U	<0.0303 U	<0.0329 U	<0.0343 U	<0.0327 U	<0.0328 U	<0.0327 U	<0.0324 U	<0.036 U	<0.217 U	<0.22 U	<0.197 U	<0.297 U	<0.193 U	<0.222 U
Herbicides																					
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.181 U	<0.182 U	<0.167 U	<0.19 U	<0.188 U	<0.183 U	<0.183 U	<0.18 U	<0.18 U	<0.199 U	<0.0264 U	<0.0267 U	<0.024 U	<0.0362 U	<0.0235 U	<0.0264 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.181 U	<0.182 U	<0.167 U	<0.19 U	<0.188 U	<0.183 U	<0.183 U	<0.18 U	<0.18 U	<0.199 U	<0.0264 U	<0.0267 U	<0.024 U	<0.0362 U	<0.0235 U	<0.0264 U
Silvex (2,4,5-Tp)	93-72-1	3.8	100	500	mg/kg	<0.181 U	<0.182 U	<0.167 U	<0.19 U	<0.188 U	<0.183 U	<0.183 U	<0.18 U	<0.18 U	<0.199 U	<0.0264 U	<0.0267 U	<0.024 U	<0.0362 U	<0.0235 U	<0.0264 U
Polychlorinated Biphenyl																					
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	0.1	1	1	mg/kg	<0.0355 U	<0.0354 U	<0.0334 U	<0.0367 U	<0.0365 U	<0.0373 U	<0.0354 U	<0.0362 U	<0.0355 U	<0.0402 U	<0.0219 U	<0.0222 U	<0.0199 U	<0.03 U	<0.0195 U	<0.0224 U
Metals																					
Aluminum	7429-90-5	NS	NS	NS	mg/kg	7,980	8,850	5,520	6,370	6,230	5,430	5,850	5,790	4,900	5,060	9,270	9,910	13,200	10,700	10,400	10,600
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.24 U	<4.41 U	<3.99 U	<4.49 U	<4.48 U	<4.4 U	<4.37 U	<4.25 U	<4.21 U	<4.76 U	<2.78 U	<2.82 U	<2.53 U	<3.82 U	<2.46 UJ	<2.81 U
Arsenic	7440-38-2	13	16	16	mg/kg	2.2	10.6	3.93	1.05	5.16	7.34	4.36	3.74	2.36	3.31	7.48	6.2	5.03	2.84	10.2	2.11
Barium	7440-39-3	**350**	400	400	mg/kg	87.6	117	74.3	34.6	65.8	69.7	60	77.5	26.2	48	123	116	111	45.7	**458 J**	26.2
Beryllium	7440-41-7	7.2	72	590	mg/kg	0.156 J	0.452	0.188 J	0.223 J	0.228 J	0.222 J	0.084 J	0.238 J	0.21 J	0.19 J	0.427	0.466	0.547	0.57	0.441 J	0.457
Cadmium	7440-43-9	2.5	4.3	9.3	mg/kg	0.252 J	0.543 J	0.293 J	<0.898 U	0.2 J	0.203 J	0.175 J	0.161 J	0.143 J	0.152 J	<0.334 U	<0.338 U	0.333	<0.458 U	0.787	<0.337 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	19,400	29,600	11,600	2,660	44,200	27,800	85,700	37,300	13,600	56,800	17,300	11,200	5,430	3,040	20,800 J	1,300
Chromium, Hexavalent	18540-29-9	**1**	110	400	mg/kg	<0.895 U	<0.9 U	<0.824 U	<0.92 U	0.297 J	<0.904 U	0.406 J	<0.893 U	<0.875 U	<0.971 U	<0.668 U	<0.677 U	<0.606 U	<0.916 U	<0.59 UJ	<0.674 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	15.6	11.8	12.2	7.88	10	9.99	18	10.2	10.4	13.4	15.1	16.4	18.9	16.6	17.6	16.3
Chromium, Trivalent	16065-83-1	30	180	1500	mg/kg	15.6	11.8	12.2	7.88	9.7 J	9.99	17.6 J	10.2	10.4	13.4	15	16.3	18.8	16.4	17.6	16.3
Cobalt	7440-48-4	NS	NS	NS	mg/kg	7.54	5.94	6.1	3.6	3.86	4.25	3.5	3.47	3.38	3.25	6.42	8.27	7.38	5.62	7	5.66
Copper	7440-50-8	**50**	270	270	mg/kg	28.1	37.3	21.7	7.1	18.2	15.1	13	7.02	5.75	7.62	27.4	25.8	27.2	13	**78.4 J**	7.14
Cyanide	57-12-5	27	27	27	mg/kg	<1.1 UJ	<1.1 UJ	<1 UJ	<1 UJ	<1.1 UJ	0.23 J	<1 UJ	<1 UJ	<1.1 UJ	<1.2 UJ	<0.668 U	<0.677 U	<0.606 U	<0.916 U	<0.59 U	<0.674 U
Iron	7439-89-6	NS	NS	NS	mg/kg	14,700	18,500	11,300	7,900	9,500	8,530	8,730	7,900	8,040	8,200	13,900	15,500	17,000	13,000	15,900	12,100
Lead	7439-92-1	**63**	400	1000	mg/kg	33.1	**176**	**93**	10.9	**1,020**	**685**	**326**	37	8.14	12.5	**210**	**185**	**216**	32	**480**	14.3
Magnesium	7439-95-4	NS	NS	NS	mg/kg	11,500	4,090	3,340	1,780	3,810 J	2,050 J	14,200	1,610	1,460	3,570	3,360	3,970	3,500	4,190	3,490 J	2,610
Manganese	7439-96-5	1600	2000	10000	mg/kg	272	400	291	319	211	182	156	103	276	111	179	187	375	378	393	104
Mercury	7439-97-6	**0.18**	0.81	2.8	mg/kg	<0.076 U	**0.215**	0.053 J	<0.078 U	**0.841 J**	**0.187 J**	0.067 J	0.139	<0.069 U	<0.076 U	**0.386**	**0.338**	**0.378**	0.0599	**0.762**	<0.0404 U
Nickel	7440-02-0	30	310	310	mg/kg	19.1	13.9	17.8	9.42	10	10.9	10.5	6.66	7.14	9.82	12.9	16.4	16	12.3	16.6	10.6
Potassium	7440-09-7	NS	NS	NS	mg/kg	3,230	1,080	2,430	434	871	604	647	388	433	582	1,230 B	1,420 B	1,110 B	1,130 B	1,240	1,020
Selenium	7782-49-2	3.9	180	1500	mg/kg	0.422 J	1.16 J	0.267 J	0.366 J	<1.79 U	0.346 J	<1.75 U	<1.7 U	<1.68 U	<1.9 U	<2.78 U	<2.82 U	<2.53 U	<3.82 U	<2.46 U	<2.81 U
Silver	7440-22-4	2	180	1500	mg/kg	<0.847 U	<0.882 U	<0.799 U	<0.898 U	<0.897 U	<0.879 U	<0.874 U	<0.849 U	<0.842 U	<0.952 U	<0.561 U	<0.569 U	<0.509 U	<0.77 U	0.531	<0.566 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	143 J	222	183	48.5 J	292	202	200	92.3 J	128 J	219	240	230	168	637	601	123
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.69 U	<1.76 U	<1.6 U	<1.8 U	<1.79 U	<1.76 U	<1.75 U	<1.7 U	<1.68 U	<1.9 U	<2.23 U	<2.26 U	<2.02 U	<3.06 U	<1.97 U	<2.25 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	28.9	21.7	20.2	10.4	18.7	14.2	16	13.4	11.4	12.6	19.5	20.3	24.4	19.4	25.9	15.1
Zinc	7440-66-6	**109**	10000	10000	mg/kg	61.1	**250**	74.9	27.4	69.6	65	46.9	36.6	16.7	15.6	**130**	**152**	**226**	42	**429**	25.8

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB01	SB01	SB02	SB02	SB03	SB03	SB03	SB04	SB05	SB06	SB07	SB07	SB08	SB08	SB09	SB09
					Sample Name	SB01_1-3	SB01_3-5	SB02_0-2	SB02_4-5	SB03_1-2	SODUP01_100722	SB03_4-5	SB04_1-3	SB05_1-3	SB06_1-3	SB07 _0-2	DUP02_021925	SB08 _0-2	SB08 _2-4	SB09_0-2	SB09_10-12
					Sample Date	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/07/2022	10/06/2022	10/06/2022	10/06/2022	02/19/2025	02/19/2025	02/19/2025	02/19/2025	02/22/2025	03/15/2025
					Sample Depth (ft bgs)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	1-3	1-3	1-3	0-2	0-2	0-2	2-4	0-2	10-12
					Sample Depth (ft bsg)	1-3	3-5	0-2	4-5	1-2	1-2	4-5	9-11	9-11	9-11	8-10	8-10	8-10	10-12	0-2	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OU	763051-92-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000996 U	<0.00102 U	<0.000913 U	<0.00137 U	<0.000888 U	<0.00102 UJ
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.00101 U	<0.00103 UJ	<0.000927 U	<0.00139 U	<0.000903 U	<0.00103 UJ
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000989 U	<0.00101 UJ	<0.000906 U	<0.00136 UJ	<0.000881 U	<0.00101 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.001 U	<0.00102 UJ	<0.000918 U	<0.00137 UJ	<0.000893 U	<0.00102 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00659 U	<0.00671 U	<0.00604 U	<0.00904 U	<0.00588 U	<0.00671 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00659 U	<0.00671 U	<0.00604 U	<0.00904 U	<0.00588 U	<0.00671 UJ
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00132 U	<0.00134 U	<0.00121 U	<0.00181 U	<0.00118 U	<0.00134 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000996 U	<0.00102 U	<0.000913 U	<0.00137 U	<0.000888 U	<0.00102 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000986 U	<0.001 U	<0.000903 U	<0.00135 U	<0.000879 U	<0.001 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00105 U	<0.00107 U	<0.000966 U	<0.00145 U	<0.00094 U	<0.00107 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	0.000467 J	0.000117 J	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00264 U	<0.00269 U	<0.00241 U	<0.00362 U	<0.00235 U	<0.00269 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 UJ	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00264 U	<0.00269 U	<0.00241 U	<0.00362 U	<0.00235 U	<0.00269 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000527 U	<0.000537 U	<0.000483 U	<0.000723 U	<0.00047 U	<0.000537 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000469 U	<0.000478 U	<0.00043 U	<0.000644 U	<0.000418 U	<0.000478 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000527 UJ	<0.000537 UJ	<0.000483 UJ	<0.000723 UJ	<0.00047 U	<0.000537 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000527 U	<0.000537 U	<0.000483 U	<0.000723 U	<0.00047 U	<0.000537 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000233 U	<0.000238 U	<0.000214 U	<0.00032 U	<0.000208 U	<0.000238 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.00105 U	<0.00107 U	<0.000966 U	<0.00145 U	<0.00094 U	<0.00107 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000254 U	<0.000259 U	<0.000233 U	<0.000349 U	<0.000227 U	<0.000259 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000256 U	<0.000261 U	<0.000234 U	<0.000351 U	<0.000228 U	<0.00026 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 UJ
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000241 U	<0.000246 U	<0.000221 U	<0.000331 U	<0.000215 U	<0.000246 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000253 U	<0.000258 U	<0.000232 U	<0.000347 U	<0.000226 U	<0.000258 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.044	0.44	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	0.000259	0.000324	<0.000225 U	<0.000336 U	0.000794	<0.00025 U
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.00066**	0.033	0.5	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	<0.000264 U	0.000302	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.000248 U	<0.000252 U	<0.000227 U	<0.00034 U	<0.000221 U	<0.000252 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000527 U	<0.000537 U	<0.000483 U	<0.000723 U	<0.00047 U	<0.000537 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	NS	NS	NS	mg/kg	<0.000504 U	NA	<0.000507 U	NA	<0.00051 U	<0.000524 U	NA	<0.000546 U	<0.000503 U	<0.000549 U	<0.000264 U	<0.000269 U	<0.000241 U	<0.000362 U	<0.000235 U	<0.000269 U
Total PFOA and PFOS	TOTPFOAPFOS	NS	NS	NS	mg/kg	<0.000252 U	NA	<0.000254 U	NA	<0.000255 U	<0.000262 U	NA	<0.000273 U	<0.000252 U	<0.000274 U	NA	NA	NA	NA	NA	NA
General Chemistry																					
Solids, Percent	SOLID	NS	NS	NS	Percent	89.4	88.9	97.1	87	87.4	88.5	91	86.3	87.5	82.8	74.8	73.9	82.5	54.6	84.7	74.2

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14	SB14
					Sample Name	SB10_0-2	SB10_10-12	DUP03_031525	SB11 _0-2	SB11_10-12	SB12_0-2	SB12_6-8	SB12_10-12	SB13 _0-2	SB13_6-8	SB13_10-12	SB14 _0-2	SB14_5-7	SB14_10-12
					Sample Date	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	03/15/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Sample Depth (ft bsg)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1,1-Trichloroethane	71-55-6	0.68	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1-Dichloroethane	75-34-3	0.27	26	240	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1-Dichloroethene	75-35-4	0.33	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	190	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2-Dichloroethane	107-06-2	0.02	3.1	30	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	190	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.05**	100	500	mg/kg	0.0064 J	<0.013 U	0.011	<0.013 U	<0.0098 U	<0.01 U	<0.0092 U	<0.012 U	0.0059 J	0.0067 J	0.0042 J	<0.011 U	<0.012 U	<0.0081 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.013 U	<0.013 U	<0.0093 U	<0.013 U	<0.0098 U	<0.01 U	<0.0092 U	<0.012 U	<0.011 U	<0.013 U	<0.0083 U	<0.011 U	<0.012 U	<0.0081 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Benzene	71-43-2	**0.06**	4.8	44	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Carbon Tetrachloride	56-23-5	0.76	2.4	22	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Chlorobenzene	108-90-7	1.1	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 UJ	<0.0047 UJ	<0.0064 U	<0.0049 UJ	<0.0052 U	<0.0046 UJ	<0.0062 UJ	<0.0057 U	<0.0065 UJ	<0.0041 UJ	<0.0057 U	<0.0058 U	<0.0041 U
Chloroform	67-66-3	0.37	49	350	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Cis-1,2-Dichloroethene	156-59-2	0.25	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	1	41	390	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.013 U	<0.013 U	<0.0093 U	<0.013 U	<0.0098 U	<0.01 U	<0.0092 U	<0.012 U	<0.011 U	<0.013 U	<0.0083 U	<0.011 U	<0.012 U	<0.0081 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0064 UJ	<0.0066 U	<0.0047 U	<0.0064 UJ	<0.0049 U	<0.0052 UJ	<0.0046 U	<0.0062 U	<0.0057 UJ	<0.0065 U	<0.0041 U	<0.0057 UJ	<0.0058 UJ	<0.0041 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Methylene Chloride	75-09-2	0.05	100	500	mg/kg	<0.013 U	<0.013 U	<0.0093 U	<0.013 U	<0.0098 U	<0.01 U	<0.0092 U	<0.012 U	<0.011 U	<0.013 U	<0.0083 U	<0.011 U	<0.012 U	<0.0081 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	12	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
n-Propylbenzene	103-65-1	3.9	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Sec-Butylbenzene	135-98-8	11	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
T-Butylbenzene	98-06-6	5.9	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0064 UJ	<0.0066 UJ	<0.0047 UJ	<0.0064 UJ	<0.0049 UJ	<0.0052 UJ	<0.0046 UJ	<0.0062 UJ	<0.0057 UJ	<0.0065 UJ	<0.0041 UJ	<0.0057 UJ	<0.0058 UJ	<0.0041 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 UJ	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 UJ	<0.0065 U	<0.0041 U	<0.0057 UJ	<0.0058 U	<0.0041 U
Tetrachloroethene (PCE)	127-18-4	1.3	19	150	mg/kg	<0.0064 UJ	<0.0066 U	<0.0047 U	<0.0064 UJ	<0.0049 U	<0.0052 UJ	<0.0046 U	<0.0062 U	<0.0057 UJ	<0.0065 U	<0.0041 U	<0.0057 UJ	<0.0058 U	<0.0041 U
Toluene	108-88-3	0.7	100	500	mg/kg	0.0035 J	<0.0066 U	0.0038 J	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	100	500	mg/kg	<0.019 U	<0.02 U	<0.014 U	<0.019 U	<0.015 U	<0.015 U	<0.014 U	<0.019 U	<0.017 U	<0.02 U	<0.012 U	<0.017 U	<0.018 U	<0.012 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	100	500	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	21	200	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.02	0.9	13	mg/kg	<0.0064 U	<0.0066 U	<0.0047 U	<0.0064 U	<0.0049 U	<0.0052 U	<0.0046 U	<0.0062 U	<0.0057 U	<0.0065 U	<0.0041 U	<0.0057 U	<0.0058 U	<0.0041 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14	SB14
					Sample Name	SB10_0-2	SB10_10-12	DUP03_031525	SB11 _0-2	SB11_10-12	SB12_0-2	SB12_6-8	SB12_10-12	SB13 _0-2	SB13_6-8	SB13_10-12	SB14 _0-2	SB14_5-7	SB14_10-12
					Sample Date	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	03/15/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Sample Depth (ft bsg)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	<0.0198 U	<0.0348 U	<0.0342 U	<0.02 U	<0.0399 U	<0.0198 U	<0.0187 U	<0.0198 U	<0.0189 U	<0.019 U	<0.0355 U	<0.0187 U	<0.0192 U	<0.0196 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 UJ	<0.0934 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.153 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	0.847 D	<0.0998 U	<0.102 U	<0.0863 U	0.412 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	100	500	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	100	500	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
Acenaphthene	83-32-9	20	100	500	mg/kg	0.856 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	3.41 D	<0.0998 U	<0.102 U	<0.0863 U	1.13 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Acenaphthylene	208-96-8	100	100	500	mg/kg	0.419 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	0.38 D	<0.0998 U	<0.102 U	<0.0863 U	0.176 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.367 U	<0.405 U	<0.407 U	<0.369 U	<0.41 U	<0.387 U	<0.4 U	<0.41 U	<0.346 U	<0.372 U	<0.373 U	<0.348 U	<0.368 U	<0.374 U
Anthracene	120-12-7	100	100	500	mg/kg	2.31 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	7.75 D	<0.0998 U	<0.102 U	<0.0863 U	2.04 D	<0.0932 U	<0.0869 U	0.08 JD	<0.0934 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.367 U	<0.405 U	<0.407 U	<0.369 U	<0.41 U	<0.387 U	<0.4 U	<0.41 U	<0.346 U	<0.372 U	<0.373 U	<0.348 U	<0.368 U	<0.374 U
Benzo(a)anthracene	56-55-3	**1**	1	5.6	mg/kg	**6.22 D**	<0.101 U	<0.102 U	0.158 D	<0.102 U	**14.9 D**	<0.0998 U	<0.102 U	<0.0863 U	**3.75 D**	<0.0932 U	<0.0869 U	0.239 D	<0.0934 U
Benzo(a)pyrene	50-32-8	**1**	1	1	mg/kg	**6.17 D**	<0.101 U	<0.102 U	0.144 D	<0.102 U	**15.5 D**	<0.0998 U	<0.102 U	<0.0863 U	**2.66 D**	<0.0932 U	<0.0869 U	0.206 D	<0.0934 U
Benzo(b)fluoranthene	205-99-2	**1**	1	5.6	mg/kg	**4.84 D**	<0.101 U	<0.102 U	0.128 D	<0.102 U	**11.2 D**	<0.0998 U	<0.102 U	<0.0863 U	**2.34 D**	<0.0932 U	<0.0869 U	0.183 D	<0.0934 U
Benzo(g,h,i)Perylene	191-24-2	100	100	500	mg/kg	2.53 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	9.51 D	<0.0998 U	<0.102 U	<0.0863 U	1.6 D	<0.0932 U	<0.0869 U	0.156 D	<0.0934 U
Benzo(k)fluoranthene	207-08-9	**0.8**	3.9	56	mg/kg	**5.54 D**	<0.101 U	<0.102 U	0.105 D	<0.102 U	**13 D**	<0.0998 U	<0.102 U	<0.0863 U	**1.8 D**	<0.0932 U	<0.0869 U	0.185 D	<0.0934 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	0.292 D	<0.0998 U	<0.102 U	<0.0863 U	0.0802 JD	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.466 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	3.12 D	<0.0998 U	<0.102 U	<0.0863 U	0.429 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Chrysene	218-01-9	**1**	3.9	56	mg/kg	**6.18 D**	<0.101 U	<0.102 U	0.175 D	<0.102 U	**14.5 D**	<0.0998 U	<0.102 U	<0.0863 U	**3.54 D**	<0.0932 U	<0.0869 U	0.235 D	<0.0934 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	0.33	0.56	mg/kg	**0.463 D**	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	**1.37 D**	<0.0998 U	<0.102 U	<0.0863 U	0.134 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Dibenzofuran	132-64-9	**7**	59	350	mg/kg	0.334 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	2.81 D	<0.0998 U	<0.102 U	<0.0863 U	0.368 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.414 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	0.44 D	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.183 U	<0.202 U	<0.203 U	<0.184 U	<0.204 U	<0.193 U	<0.199 U	<0.205 U	<0.172 U	<0.186 U	<0.186 U	<0.174 U	<0.183 U	<0.187 U
Fluoranthene	206-44-0	100	100	500	mg/kg	11.5 D	<0.101 U	<0.102 U	0.228 D	<0.102 U	37.1 D	<0.0998 U	<0.102 U	<0.0863 U	7.3 D	<0.0932 U	0.0535 JD	0.497 D	<0.0934 U
Fluorene	86-73-7	30	100	500	mg/kg	0.848 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	2 D	<0.0998 U	<0.102 U	<0.0863 U	0.963 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Hexachlorobenzene	118-74-1	0.33	1.2	6	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	0.5	5.6	mg/kg	**3.97 D**	<0.101 U	<0.102 U	0.0774 JD	<0.102 U	**9.55 D**	<0.0998 U	<0.102 U	<0.0863 U	**1.25 D**	<0.0932 U	<0.0869 U	0.137 D	<0.0934 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	0.189 D	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	1.93 D	<0.0998 U	<0.102 U	<0.0863 U	0.204 D	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Pentachlorophenol	87-86-5	0.8	6.7	6.7	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Phenanthrene	85-01-8	100	100	500	mg/kg	8.98 D	<0.101 U	<0.102 U	0.0612 JD	<0.102 U	32.7 D	<0.0998 U	<0.102 U	<0.0863 U	9.4 D	<0.0932 U	<0.0869 U	0.34 D	<0.0934 U
Phenol	108-95-2	**0.33**	100	500	mg/kg	<0.0917 U	<0.101 U	<0.102 U	<0.0922 U	<0.102 U	<0.0965 U	<0.0998 U	<0.102 U	<0.0863 U	<0.0929 U	<0.0932 U	<0.0869 U	<0.0918 U	<0.0934 U
Pyrene	129-00-0	100	100	500	mg/kg	11.3 D	<0.101 U	<0.102 U	0.299 D	<0.102 U	33.5 D	<0.0998 U	<0.102 U	<0.0863 U	8.59 D	<0.0932 U	<0.0869 U	0.49 D	<0.0934 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.367 U	<0.405 U	<0.407 U	<0.369 U	<0.41 U	<0.387 U	<0.4 U	<0.41 U	<0.346 U	<0.372 U	<0.373 U	<0.348 U	<0.368 U	<0.374 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14	SB14
					Sample Name	SB10_0-2	SB10_10-12	DUP03_031525	SB11 _0-2	SB11_10-12	SB12_0-2	SB12_6-8	SB12_10-12	SB13 _0-2	SB13_6-8	SB13_10-12	SB14 _0-2	SB14_5-7	SB14_10-12
					Sample Date	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	03/15/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Sample Depth (ft bsg)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																			
4,4'-DDD	72-54-8	0.0033	13	92	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
4,4'-DDE	72-55-9	0.0033	8.9	62	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
4,4'-DDT	50-29-3	**0.0033**	7.9	47	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Aldrin	309-00-2	0.005	0.097	0.68	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	3.4	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Alpha Chlordane	5103-71-9	0.094	4.2	24	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Alpha Endosulfan	959-98-8	2.4	24	200	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	3	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Beta Endosulfan	33213-65-9	2.4	24	200	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0357 U	<0.0808 U	<0.0779 U	<0.0365 U	<0.0782 U	<0.0383 U	<0.0387 U	<0.0408 U	<0.0341 U	<0.0365 U	<0.071 U	<0.0344 U	<0.0365 U	<0.0372 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	500	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Dieldrin	60-57-1	0.005	0.2	1.4	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Endosulfan Sulfate	1031-07-8	2.4	24	200	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Endrin	72-20-8	0.014	11	89	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Gamma Bhc (Lindane)	58-89-9	0.1	1.3	9.2	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Heptachlor	76-44-8	0.042	2.1	15	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00179 U	<0.00404 U	<0.0039 U	<0.00182 U	<0.00391 U	<0.00192 U	<0.00194 U	<0.00204 U	<0.00171 U	<0.00183 U	<0.00355 U	<0.00172 U	<0.00182 U	<0.00186 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.179 U	<0.404 U	<0.39 U	<0.182 U	<0.391 U	<0.192 U	<0.194 U	<0.204 U	<0.171 U	<0.183 U	<0.355 U	<0.172 U	<0.182 U	<0.186 U
Herbicides																			
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0221 U	<0.0243 U	<0.0245 U	<0.022 U	<0.0241 U	<0.0232 U	<0.0239 U	<0.0246 U	<0.0208 U	<0.0222 U	<0.0223 U	<0.0209 U	<0.0219 U	<0.0222 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0221 U	<0.0243 U	<0.0245 U	<0.022 U	<0.0241 U	<0.0232 U	<0.0239 U	<0.0246 U	<0.0208 U	<0.0222 U	<0.0223 U	<0.0209 U	<0.0219 U	<0.0222 U
Silvex (2,4,5-Tp)	93-72-1	3.8	100	500	mg/kg	<0.0221 U	<0.0243 U	<0.0245 U	<0.022 U	<0.0241 U	<0.0232 U	<0.0239 U	<0.0246 U	<0.0208 U	<0.0222 U	<0.0223 U	<0.0209 U	<0.0219 U	<0.0222 U
Polychlorinated Biphenyl																			
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	0.1	1	1	mg/kg	<0.018 U	<0.0408 U	<0.0394 U	<0.0184 U	<0.0395 U	<0.0193 U	<0.0196 U	<0.0206 U	<0.0172 U	<0.0187 U	<0.0359 U	<0.0174 U	<0.0184 U	<0.0187 U
Metals																			
Aluminum	7429-90-5	NS	NS	NS	mg/kg	9,290	11,200	9,590	6,270	10,200	10,600	12,400	12,500	2,660	5,440	4,110	2,870	6,320	9,130 J
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.31 U	<2.55 U	<2.56 U	<2.32 U	<2.58 U	<2.43 U	<2.52 U	<2.58 U	<2.17 U	<2.34 U	<2.35 U	<2.18 U	<2.32 U	<2.35 UJ
Arsenic	7440-38-2	13	16	16	mg/kg	6.81	1.95	1.76	3.27	2.86	6.98	2.83	4.72	5.04	6.6	1.64	6.94	5.79	1.66
Barium	7440-39-3	**350**	400	400	mg/kg	224	19.7	15.2	75.8	22.6	94.6	49.4	26.9	45.5	146	27.8	118	178	52.6
Beryllium	7440-41-7	7.2	72	590	mg/kg	0.519 J	0.408	0.362	0.322	0.508	0.514 J	0.643	0.495	0.278	0.364	0.229	0.447	0.407	0.376
Cadmium	7440-43-9	2.5	4.3	9.3	mg/kg	0.314	<0.306 U	<0.308 U	0.417	<0.31 U	<0.292 U	<0.302 U	<0.31 U	<0.26 U	<0.281 U	<0.282 U	0.323	<0.279 U	<0.282 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	41,700	462	354	17,300	875	15,100	2,320	936	131,000	55,800	890	44,900	40,500	2,240
Chromium, Hexavalent	18540-29-9	**1**	110	400	mg/kg	<0.554 U	<0.613 U	<0.615 U	<0.556 U	<0.62 U	<0.584 U	<0.605 U	<0.62 U	<0.521 U	<0.563 U	<0.564 U	<0.524 U	<0.558 U	**1.24**
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	13.2	18	16.1	10.8	14.5	15.7	17.5	18	4.5	11.5	11.7	5.26	14.6	14.9
Chromium, Trivalent	16065-83-1	30	180	1500	mg/kg	13.1	18	16.1	10.8	14.5	15.6	17.5	18	4.5	11.5	11.6	5.26	14.6	13.7
Cobalt	7440-48-4	NS	NS	NS	mg/kg	7.15	4.88	4.95	5.12	6.91	7.59	6.74	7.5	2.73	4.9	3.6	4.19	4.93	6.77
Copper	7440-50-8	**50**	270	270	mg/kg	36.1 J	12.9	12	21.8	11.7	30.9 J	12.3	23.6	12.5	41.9	7.35	21.4	26.1	13 J
Cyanide	57-12-5	27	27	27	mg/kg	<0.554 U	<0.613 U	0.743	<0.556 U	<0.62 U	<0.584 U	<0.605 U	1	<0.521 U	0.911	0.739	<0.524 U	<0.558 U	<0.564 U
Iron	7439-89-6	NS	NS	NS	mg/kg	17,300	12,000	11,900	9,570	14,500	15,200	14,500	20,700	8,140	12,700	7,290	7,230	12,100	11,400
Lead	7439-92-1	**63**	400	1000	mg/kg	**200**	6.1	5.9	**356**	6.25	**398**	17.5	8.31	**179**	**436**	15	**208**	**402**	14.8 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	11,400	3,640	3,360	3,070	3,490	3,420	3,210	3,790	74,400	23,700	1,180	20,400	15,500	3,180
Manganese	7439-96-5	1600	2000	10000	mg/kg	295	83.9	77.9	192	365	321	458	264	194	220	192	109	202	608 J
Mercury	7439-97-6	**0.18**	0.81	2.8	mg/kg	**0.432**	<0.0368 U	<0.0369 U	**0.309**	<0.0372 U	**5.99**	0.0693	<0.0372 U	**0.196 J**	**0.764**	<0.0339 U	**0.197**	**0.229**	0.0476 J
Nickel	7440-02-0	30	310	310	mg/kg	14.9	12.6	12	12.8	14.4	15.1	14.2	15.2	6.78	10.8	6.39	12.1	12.1	13.4 J
Potassium	7440-09-7	NS	NS	NS	mg/kg	1,440	1,980	1,570	748	1,570	1,230	1,100	1,260	593	928	461	387	1,070	1,330
Selenium	7782-49-2	3.9	180	1500	mg/kg	<2.31 U	<2.55 U	<2.56 U	<2.32 U	<2.58 U	<2.43 U	<2.52 U	<2.58 U	<2.17 U	<2.34 U	<2.35 U	<2.18 U	<2.32 U	<2.35 U
Silver	7440-22-4	2	180	1500	mg/kg	<0.465 U	<0.515 U	<0.517 U	<0.467 U	<0.52 U	<0.491 U	<0.508 U	<0.521 U	<0.437 U	<0.473 U	<0.474 U	<0.44 U	<0.469 U	<0.474 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	452	164	149	330	87.5	216	108	71.3	93.5	162	65	135	266	247 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.85 U	<2.05 U	<2.06 U	<1.86 U	<2.07 U	<1.95 U	<2.02 U	<2.07 U	<1.74 U	<1.88 U	<1.88 U	<1.75 U	<1.86 U	<1.88 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	20.6	19.3	17.7	19.3	19.4	21.7	18.8	21.8	15.6	17.9	11.1	20.3	19.1	21.6 J
Zinc	7440-66-6	**109**	10000	10000	mg/kg	**217**	26.8	26.5	**179**	27.4	99.2	39.1	41.6	32.7	**142**	13.3	92.1	**140**	25.5

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB10	SB10	SB10	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14	SB14
					Sample Name	SB10_0-2	SB10_10-12	DUP03_031525	SB11 _0-2	SB11_10-12	SB12_0-2	SB12_6-8	SB12_10-12	SB13 _0-2	SB13_6-8	SB13_10-12	SB14 _0-2	SB14_5-7	SB14_10-12
					Sample Date	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	02/22/2025	03/15/2025	03/15/2025	03/01/2025	03/15/2025	03/15/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Sample Depth (ft bsg)	0-2	10-12	10-12	0-2	10-12	0-2	6-8	10-12	0-2	6-8	10-12	0-2	5-7	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OU	763051-92-9	NS	NS	NS	mg/kg	<0.000829 U	<0.000923 UJ	<0.000938 UJ	<0.00084 U	<0.000931 UJ	<0.000878 U	<0.000914 UJ	<0.000938 UJ	<0.000778 U	<0.000844 UJ	<0.000858 UJ	<0.000787 U	<0.000847 U	<0.000851 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000842 U	<0.000937 U	<0.000953 U	<0.000853 U	<0.000946 U	<0.000892 U	<0.000929 U	<0.000953 U	<0.00079 U	<0.000857 U	<0.000872 U	<0.000799 U	<0.00086 U	<0.000865 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000822 U	<0.000915 U	<0.00093 U	<0.000833 U	<0.000924 U	<0.000872 U	<0.000907 U	<0.000931 U	<0.000772 U	<0.000837 U	<0.000852 U	<0.00078 U	<0.00084 U	<0.000844 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000833 U	<0.000927 U	<0.000943 U	<0.000844 U	<0.000936 U	<0.000883 U	<0.000919 U	<0.000943 U	<0.000782 U	<0.000849 U	<0.000863 U	<0.000791 U	<0.000851 U	<0.000856 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00548 U	<0.0061 U	<0.0062 U	<0.00555 U	<0.00616 U	<0.00581 U	<0.00605 U	<0.0062 U	<0.00515 U	<0.00558 U	<0.00568 U	<0.0052 U	<0.0056 UJ	<0.00563 UJ
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00548 U	<0.0061 UJ	<0.0062 UJ	<0.00555 UJ	<0.00616 UJ	<0.00581 U	<0.00605 UJ	<0.0062 UJ	<0.00515 UJ	<0.00558 UJ	<0.00568 UJ	<0.0052 UJ	<0.0056 UJ	<0.00563 UJ
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.0011 U	<0.00122 U	<0.00124 U	<0.00111 U	<0.00123 U	<0.00116 U	<0.00121 U	<0.00124 U	<0.00103 U	<0.00112 U	<0.00114 U	<0.00104 U	<0.00112 U	<0.00113 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000829 U	<0.000923 U	<0.000938 U	<0.00084 U	<0.000931 U	<0.000878 U	<0.000914 U	<0.000938 U	<0.000778 U	<0.000844 U	<0.000858 U	<0.000787 U	<0.000847 U	<0.000851 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	<0.00082 U	<0.000913 U	<0.000928 U	<0.000831 U	<0.000921 U	<0.000869 U	<0.000904 U	<0.000928 U	<0.00077 U	<0.000835 U	<0.000849 U	<0.000778 U	<0.000838 U	<0.000842 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000877 U	<0.000976 U	<0.000992 U	<0.000889 U	<0.000985 U	<0.00093 U	<0.000967 U	<0.000993 U	<0.000823 U	<0.000893 U	<0.000908 U	<0.000832 U	<0.000896 U	<0.000901 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.00219 U	<0.00244 U	<0.00248 U	<0.00222 U	<0.00246 U	<0.00232 U	<0.00242 U	<0.00248 U	<0.00206 U	<0.00223 U	<0.00227 U	<0.00208 U	<0.00224 U	<0.00225 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.00219 U	<0.00244 U	<0.00248 U	<0.00222 U	<0.00246 U	<0.00232 U	<0.00242 U	<0.00248 U	<0.00206 U	<0.00223 U	<0.00227 U	<0.00208 U	<0.00224 U	<0.00225 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	<0.000439 U	<0.000488 U	<0.000496 U	<0.000444 U	<0.000493 U	<0.000465 U	<0.000484 U	<0.000496 U	<0.000412 U	<0.000447 U	<0.000454 U	<0.000416 U	<0.000448 U	<0.00045 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	<0.00039 U	<0.000434 U	<0.000442 U	<0.000395 U	<0.000439 U	<0.000414 U	<0.00043 U	<0.000442 U	<0.000366 U	<0.000397 U	<0.000404 U	<0.00037 U	<0.000399 U	<0.000401 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	<0.000439 U	<0.000488 UJ	<0.000496 UJ	<0.000444 UJ	<0.000493 UJ	<0.000465 U	<0.000484 UJ	<0.000496 UJ	<0.000412 UJ	<0.000447 UJ	<0.000454 UJ	<0.000416 UJ	<0.000448 UJ	<0.00045 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	<0.000439 U	<0.000488 U	<0.000496 U	<0.000444 U	<0.000493 U	<0.000465 U	<0.000484 U	<0.000496 U	<0.000412 U	<0.000447 U	<0.000454 U	<0.000416 U	<0.000448 U	<0.00045 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000194 U	<0.000216 U	<0.00022 U	<0.000197 U	<0.000218 U	<0.000206 U	<0.000214 U	<0.00022 U	<0.000182 U	<0.000198 U	<0.000201 U	<0.000184 U	<0.000198 U	<0.000199 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000877 U	<0.000976 U	<0.000992 U	<0.000889 U	<0.000985 U	<0.00093 U	<0.000967 U	<0.000993 U	<0.000823 U	<0.000893 U	<0.000908 U	<0.000832 U	<0.000896 U	<0.000901 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000212 U	<0.000236 U	<0.000239 U	<0.000214 U	<0.000238 U	<0.000224 U	<0.000233 U	<0.000239 U	<0.000199 U	<0.000215 U	<0.000219 U	<0.000201 U	<0.000216 U	<0.000217 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000213 U	<0.000237 U	<0.000241 U	<0.000215 U	<0.000239 U	<0.000225 U	<0.000235 U	<0.000241 U	<0.0002 U	<0.000217 U	<0.00022 U	<0.000202 U	<0.000217 U	<0.000218 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 UJ	<0.000248 UJ	<0.000222 U	<0.000246 UJ	<0.000232 U	<0.000242 UJ	<0.000248 UJ	<0.000206 U	<0.000223 UJ	<0.000227 UJ	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000201 U	<0.000223 U	<0.000227 U	<0.000203 U	<0.000225 U	<0.000213 U	<0.000221 U	<0.000227 U	<0.000188 U	<0.000204 U	<0.000208 U	<0.00019 U	<0.000205 U	<0.000206 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.00021 U	<0.000234 U	<0.000238 U	<0.000213 U	<0.000237 U	<0.000223 U	<0.000232 U	<0.000238 U	<0.000198 U	<0.000214 U	<0.000218 U	<0.0002 U	<0.000215 U	<0.000216 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.044	0.44	mg/kg	0.00022	<0.000227 U	<0.000231 U	<0.000207 U	<0.000229 U	0.000569	<0.000225 U	<0.000231 U	<0.000191 U	<0.000208 U	<0.000211 U	<0.000194 U	<0.000208 U	<0.000209 U
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.00066**	0.033	0.5	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	0.000238 J	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000206 U	<0.000229 U	<0.000233 U	<0.000209 U	<0.000232 U	<0.000218 U	<0.000227 U	<0.000233 U	<0.000193 U	<0.00021 U	<0.000213 U	<0.000196 U	<0.000211 U	<0.000212 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000439 U	<0.000488 U	<0.000496 U	<0.000444 U	<0.000493 U	<0.000465 U	<0.000484 U	<0.000496 U	<0.000412 U	<0.000447 U	<0.000454 U	<0.000416 U	<0.000448 U	<0.00045 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	NS	NS	NS	mg/kg	<0.000219 U	<0.000244 U	<0.000248 U	<0.000222 U	<0.000246 U	<0.000232 U	<0.000242 U	<0.000248 U	<0.000206 U	<0.000223 U	<0.000227 U	<0.000208 U	<0.000224 U	<0.000225 U
Total PFOA and PFOS	TOTPFOAPFOS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry																			
Solids, Percent	SOLID	NS	NS	NS	Percent	90.3	81.6	81.3	89.9	80.7	85.5	82.7	80.6	96	88.9	88.6	95.3	89.6	88.7

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB15	SB15	SB15	SB15	SB16	SB17	SB18	SB18	SB18	SB22	SB22A	SB22A	SB23	SB23	SB23
					Sample Name	SB15 _0-2	DUP01_021925	SB15 _2-4	SB15_6-8	SB16_0-2	SB17_0-2	SB18_0-2	SB18_2-4	SB18_8-10	SB22 _0-2	SB22A_0-2	SB22A_4-5	SB23 _0-2	SB23_6-8	SB23_10-12
					Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025	02/18/2025	02/18/2025	02/18/2025	02/18/2025	03/10/2025	02/19/2025	04/03/2025	04/03/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	0-2	2-4	6-8	0-2	0-2	0-2	2-4	8-10	0-2	0-2	4-5	0-2	6-8	10-12
					Sample Depth (ft bsg)	8-10	8-10	10-12	14-16	8-10	8-10	8-10	10-12	16-20	0-2	8-10	12-13	0-2	6-8	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																				
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1,1-Trichloroethane	71-55-6	0.68	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1-Dichloroethane	75-34-3	0.27	26	240	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1-Dichloroethene	75-35-4	0.33	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	190	mg/kg	0.006	0.01	<0.0045 U	<0.0043 U	0.0027 J	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2-Dichloroethane	107-06-2	0.02	3.1	30	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	52	190	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	**0.05**	100	500	mg/kg	0.015	0.02	<0.0089 U	<0.0085 U	0.011	0.0094 J	<0.015 U	**0.098**	<0.011 U	<0.012 U	0.021	0.0086 J	<0.012 U	<0.012 U	<0.0083 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0098 U	<0.011 U	<0.0089 U	<0.0085 U	<0.01 U	<0.018 U	<0.015 U	<0.018 U	<0.011 U	<0.012 U	<0.0095 U	<0.0087 U	<0.012 U	<0.012 U	<0.0083 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Benzene	71-43-2	**0.06**	4.8	44	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Carbon Tetrachloride	56-23-5	0.76	2.4	22	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Chlorobenzene	108-90-7	1.1	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Chloroform	67-66-3	0.37	49	350	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Cis-1,2-Dichloroethene	156-59-2	0.25	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Cymene	99-87-6	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	1	41	390	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 UJ	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 UJ	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	0.037	0.036	0.0084	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0098 U	0.0064 J	<0.0089 U	<0.0085 U	<0.01 U	<0.018 U	<0.015 U	<0.018 U	<0.011 U	<0.012 U	<0.0095 U	<0.0087 U	<0.012 U	<0.012 U	<0.0083 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	100	500	mg/kg	0.0025 J	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	0.04	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0049 UJ	<0.0054 UJ	<0.0045 UJ	<0.0043 UJ	<0.0052 UJ	<0.0092 UJ	<0.0073 UJ	<0.0092 UJ	<0.0053 UJ	<0.006 UJ	<0.0047 UJ	<0.0044 UJ	<0.006 UJ	<0.0059 UJ	<0.0041 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	0.018	0.016	0.0046	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Methylene Chloride	75-09-2	0.05	100	500	mg/kg	<0.0098 U	<0.011 U	<0.0089 U	<0.0085 U	<0.01 U	<0.018 U	<0.015 U	<0.018 U	<0.011 U	<0.012 U	<0.0095 U	<0.0087 U	<0.012 U	<0.012 U	<0.0083 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	12	100	500	mg/kg	0.078	0.069	0.018	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	0.0084 J	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
n-Propylbenzene	103-65-1	3.9	100	500	mg/kg	0.034	0.028	0.011	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0049 U	0.0032 J	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Sec-Butylbenzene	135-98-8	11	100	500	mg/kg	0.091	0.084	0.019	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	0.011	<0.0053 U	<0.006 U	<0.0047 U	0.0038 J	<0.006 U	<0.0059 U	<0.0041 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
T-Butylbenzene	98-06-6	5.9	100	500	mg/kg	0.0063	0.006	<0.0045 U	<0.0043 UJ	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 UJ	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0049 UJ	<0.0054 UJ	<0.0045 UJ	<0.0043 UJ	<0.0052 UJ	<0.0092 UJ	<0.0073 UJ	<0.0092 UJ	<0.0053 UJ	<0.006 UJ	<0.0047 UJ	<0.0044 UJ	<0.006 UJ	<0.0059 UJ	<0.0041 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 UJ	<0.0059 U	<0.0041 U
Tetrachloroethene (PCE)	127-18-4	1.3	19	150	mg/kg	<0.0049 UJ	<0.0054 UJ	<0.0045 UJ	<0.0043 UJ	<0.0052 UJ	<0.0092 UJ	<0.0073 UJ	<0.0092 UJ	<0.0053 UJ	<0.006 UJ	<0.0047 UJ	<0.0044 UJ	<0.006 UJ	<0.0059 U	<0.0041 U
Toluene	108-88-3	0.7	100	500	mg/kg	<0.0049 U	0.0033 J	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	0.003 J	<0.0041 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	**0.26**	100	500	mg/kg	<0.015 U	0.0096 J	<0.013 U	<0.013 U	<0.016 U	<0.028 U	<0.022 U	<0.028 U	<0.016 U	<0.018 U	<0.014 U	<0.013 U	<0.018 U	<0.018 U	<0.012 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	100	500	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	0.47	21	200	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	0.02	0.9	13	mg/kg	<0.0049 U	<0.0054 U	<0.0045 U	<0.0043 U	<0.0052 U	<0.0092 U	<0.0073 U	<0.0092 U	<0.0053 U	<0.006 U	<0.0047 U	<0.0044 U	<0.006 U	<0.0059 U	<0.0041 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB15	SB15	SB15	SB15	SB16	SB17	SB18	SB18	SB18	SB22	SB22A	SB22A	SB23	SB23	SB23
					Sample Name	SB15 _0-2	DUP01_021925	SB15 _2-4	SB15_6-8	SB16_0-2	SB17_0-2	SB18_0-2	SB18_2-4	SB18_8-10	SB22 _0-2	SB22A_0-2	SB22A_4-5	SB23 _0-2	SB23_6-8	SB23_10-12
					Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025	02/18/2025	02/18/2025	02/18/2025	02/18/2025	03/10/2025	02/19/2025	04/03/2025	04/03/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	0-2	2-4	6-8	0-2	0-2	0-2	2-4	8-10	0-2	0-2	4-5	0-2	6-8	10-12
					Sample Depth (ft bsg)	8-10	8-10	10-12	14-16	8-10	8-10	8-10	10-12	16-20	0-2	8-10	12-13	0-2	6-8	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	100	500	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
1,3-Dichlorobenzene	541-73-1	2.4	49	280	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	130	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	130	mg/kg	<0.0198 U	<0.0196 U	<0.0198 U	<0.0192 U	<0.0194 U	<0.0194 U	<0.0194 U	<0.0194 U	<0.0185 U	<0.0198 U	<0.0196 U	<0.0196 U	<0.0185 U	<0.0196 U	<0.0194 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.199 UJ	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.199 UJ	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 UJ	<0.187 UJ	<0.179 U	<0.199 U	<0.178 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	3.64 D	2.56 D	0.121 D	<0.0932 U	2.55 D	0.518 D	0.293 D	0.0998 JD	<0.103 U	<0.0942 U	0.12 D	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	100	500	mg/kg	**0.65 J**	**0.524 D**	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	**0.33**	100	500	mg/kg	**1.29 J**	**1.14 D**	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.199 UJ	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.199 UJ	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
Acenaphthene	83-32-9	20	100	500	mg/kg	3.44 D	1.8 D	<0.098 U	<0.0932 U	1.56 JD	0.449 D	<0.101 U	<0.122 U	<0.103 U	0.103 D	0.0625 JD	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Acenaphthylene	208-96-8	100	100	500	mg/kg	0.587 D	0.4 D	<0.098 U	<0.0932 U	1.34 JD	0.17 D	<0.101 U	<0.122 U	<0.103 U	0.283 D	0.0507 JD	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.399 U	<0.408 U	<0.393 U	<0.373 U	<9.99 U	<0.469 U	<0.403 U	<0.49 U	<0.411 U	<0.377 U	<0.397 U	<0.374 U	<0.359 U	<0.398 U	<0.358 U
Anthracene	120-12-7	100	100	500	mg/kg	5.89 J	2.92 J	<0.098 U	<0.0932 U	5.78 D	1.15 D	0.232 D	0.0705 JD	<0.103 U	0.401 D	0.184 D	0.071 JD	<0.0896 U	<0.0994 U	<0.0893 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.399 U	<0.408 U	<0.393 U	<0.373 U	<9.99 U	<0.469 U	<0.403 U	<0.49 U	<0.411 U	<0.377 U	<0.397 U	<0.374 U	<0.359 U	<0.398 U	<0.358 U
Benzo(a)anthracene	56-55-3	**1**	1	5.6	mg/kg	**6.37 J**	**2.88 J**	0.0932 JD	<0.0932 U	**8.48 D**	**1.35 D**	0.757 D	0.16 D	<0.103 U	**1.86 D**	0.297 D	0.132 D	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(a)pyrene	50-32-8	**1**	1	1	mg/kg	**4.53 D**	**2.85 D**	0.121 D	<0.0932 U	**4.73 D**	**1.17 D**	0.81 D	0.162 D	<0.103 U	**2.01 D**	0.22 D	0.0957 D	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(b)fluoranthene	205-99-2	**1**	1	5.6	mg/kg	**4.03 D**	**2.43 D**	0.0823 JD	<0.0932 U	**8.24 D**	**1.05 D**	0.674 D	0.138 D	<0.103 U	**1.72 D**	0.283 D	0.12 D	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(g,h,i)Perylene	191-24-2	100	100	500	mg/kg	2.71 J	1.38 J	0.0603 JD	<0.0932 U	3.77 D	0.684 D	0.498 D	0.114 JD	<0.103 U	1.27 D	0.156 D	0.0538 JD	<0.0896 U	<0.0994 U	<0.0893 U
Benzo(k)fluoranthene	207-08-9	**0.8**	3.9	56	mg/kg	**3.91 D**	**2.29 D**	0.087 JD	<0.0932 U	**3.77 D**	**1.01 D**	0.65 D	0.135 D	<0.103 U	**1.75 D**	0.136 D	0.059 JD	<0.0896 U	<0.0994 U	<0.0893 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	0.113 D	<0.0896 U	<0.0994 U	<0.0893 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	0.623 J	0.342 J	<0.098 U	<0.0932 U	<2.5 U	0.113 JD	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	0.1 D	<0.099 U	0.185 D	0.0566 JD	<0.0994 U	<0.0893 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	2.82 J	1.36 J	<0.098 U	<0.0932 U	2.83 D	0.629 D	0.0539 JD	<0.122 U	<0.103 U	0.0851 JD	0.0641 JD	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Chrysene	218-01-9	**1**	3.9	56	mg/kg	**5.7 J**	**2.57 J**	0.0979 JD	<0.0932 U	**7.16 D**	**1.28 D**	0.766 D	0.165 D	<0.103 U	**1.7 D**	0.254 D	0.116 D	<0.0896 U	<0.0994 U	<0.0893 U
Dibenz(a,h)anthracene	53-70-3	**0.33**	0.33	0.56	mg/kg	**0.777 J**	**0.45 J**	<0.098 U	<0.0932 U	<2.5 U	0.212 D	0.162 D	<0.122 U	<0.103 U	**0.366 D**	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Dibenzofuran	132-64-9	**7**	59	350	mg/kg	2.63 D	1.65 D	<0.098 U	<0.0932 U	3.67 D	0.624 D	0.0651 JD	<0.122 U	<0.103 U	<0.0942 U	0.0744 JD	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.199 U	<0.204 U	<0.196 U	<0.186 U	<4.98 U	<0.234 U	<0.201 U	<0.245 U	<0.205 U	<0.188 U	<0.198 U	<0.187 U	<0.179 U	<0.199 U	<0.178 U
Fluoranthene	206-44-0	100	100	500	mg/kg	17.8 J	6.89 J	0.0697 JD	<0.0932 U	27.8 D	4.34 D	1.98 D	0.417 D	<0.103 U	3.71 D	0.666 D	0.295 D	<0.0896 U	<0.0994 U	<0.0893 U
Fluorene	86-73-7	30	100	500	mg/kg	4.6 D	3.01 D	0.0525 JD	<0.0932 U	<2.5 U	0.598 D	0.0724 JD	0.0842 JD	<0.103 U	0.0987 D	0.123 D	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Hexachlorobenzene	118-74-1	0.33	1.2	6	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 UJ	<0.0935 UJ	<0.0896 U	<0.0994 U	<0.0893 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	0.5	5.6	mg/kg	**2.92 J**	**1.56 J**	0.0572 JD	<0.0932 U	**3.89 D**	**0.732 D**	**0.502 D**	0.114 JD	<0.103 U	**1.27 D**	0.146 D	0.0598 JD	<0.0896 U	<0.0994 U	<0.0893 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Naphthalene	91-20-3	**12**	100	500	mg/kg	**12.6 J**	5.87 J	<0.098 U	<0.0932 U	**18.7 D**	2.12 D	0.221 D	0.103 JD	<0.103 U	0.0482 JD	0.269 D	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0995 U	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Pentachlorophenol	87-86-5	0.8	6.7	6.7	mg/kg	<0.0995 UJ	<0.102 U	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Phenanthrene	85-01-8	100	100	500	mg/kg	23.5 J	10.9 J	0.126 D	<0.0932 U	30.8 D	4.96 D	0.272 D	0.197 D	<0.103 U	1.47 D	0.606 D	0.187 D	<0.0896 U	<0.0994 U	<0.0893 U
Phenol	108-95-2	**0.33**	100	500	mg/kg	**0.798 J**	**0.847 D**	<0.098 U	<0.0932 U	<2.5 U	<0.117 U	<0.101 U	<0.122 U	<0.103 U	<0.0942 U	<0.099 U	<0.0935 U	<0.0896 U	<0.0994 U	<0.0893 U
Pyrene	129-00-0	100	100	500	mg/kg	17.6 J	5.97 J	0.0705 JD	<0.0932 U	21 D	2.48 D	1.48 D	0.342 D	<0.103 U	3.64 D	0.52 D	0.215 D	<0.0896 U	<0.0994 U	<0.0893 U
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.399 U	<0.408 U	<0.393 U	<0.373 U	<9.99 U	<0.469 U	<0.403 U	<0.49 U	<0.411 U	<0.377 U	<0.397 U	<0.374 U	<0.359 U	<0.398 U	<0.358 U

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB15	SB15	SB15	SB15	SB16	SB17	SB18	SB18	SB18	SB22	SB22A	SB22A	SB23	SB23	SB23
					Sample Name	SB15 _0-2	DUP01_021925	SB15 _2-4	SB15_6-8	SB16_0-2	SB17_0-2	SB18_0-2	SB18_2-4	SB18_8-10	SB22 _0-2	SB22A_0-2	SB22A_4-5	SB23 _0-2	SB23_6-8	SB23_10-12
					Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025	02/18/2025	02/18/2025	02/18/2025	02/18/2025	03/10/2025	02/19/2025	04/03/2025	04/03/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	0-2	2-4	6-8	0-2	0-2	0-2	2-4	8-10	0-2	0-2	4-5	0-2	6-8	10-12
					Sample Depth (ft bsg)	8-10	8-10	10-12	14-16	8-10	8-10	8-10	10-12	16-20	0-2	8-10	12-13	0-2	6-8	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																				
4,4'-DDD	72-54-8	0.0033	13	92	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
4,4'-DDE	72-55-9	0.0033	8.9	62	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
4,4'-DDT	50-29-3	**0.0033**	7.9	47	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Aldrin	309-00-2	0.005	0.097	0.68	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.48	3.4	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Alpha Chlordane	5103-71-9	0.094	4.2	24	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Alpha Endosulfan	959-98-8	2.4	24	200	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	3	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Beta Endosulfan	33213-65-9	2.4	24	200	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0389 U	<0.04 U	<0.038 U	<0.0371 U	<0.0396 U	<0.0476 U	<0.0402 U	<0.0488 U	<0.0409 U	<0.0364 U	<0.0392 U	<0.037 U	<0.0353 U	<0.0391 U	<0.035 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	500	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Dieldrin	60-57-1	0.005	0.2	1.4	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Endosulfan Sulfate	1031-07-8	2.4	24	200	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Endrin	72-20-8	0.014	11	89	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Gamma Bhc (Lindane)	58-89-9	0.1	1.3	9.2	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Gamma Chlordane (Trans)	5103-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Heptachlor	76-44-8	0.042	2.1	15	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00194 U	<0.002 U	<0.0019 U	<0.00186 U	<0.00198 U	<0.00238 U	<0.00201 U	<0.00244 U	<0.00205 U	<0.00182 U	<0.00196 U	<0.00185 U	<0.00177 U	<0.00195 U	<0.00175 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.194 U	<0.2 U	<0.19 U	<0.186 U	<0.198 U	<0.238 U	<0.201 U	<0.244 U	<0.205 U	<0.182 U	<0.196 U	<0.185 U	<0.177 U	<0.195 U	<0.175 U
Herbicides																				
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0239 U	<0.0243 U	<0.0234 U	<0.0222 U	<0.0235 U	<0.0287 U	<0.0237 U	<0.029 U	<0.0245 U	<0.0224 U	<0.0234 U	<0.0221 UJ	<0.0215 U	<0.0239 U	<0.0215 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0239 U	<0.0243 U	<0.0234 U	<0.0222 U	<0.0235 U	<0.0287 U	<0.0237 U	<0.029 U	<0.0245 U	<0.0224 U	<0.0234 U	<0.0221 UJ	<0.0215 U	<0.0239 U	<0.0215 U
Silvex (2,4,5-Tp)	93-72-1	3.8	100	500	mg/kg	<0.0239 U	<0.0243 U	<0.0234 U	<0.0222 U	<0.0235 U	<0.0287 U	<0.0237 U	<0.029 U	<0.0245 U	<0.0224 U	<0.0234 U	<0.0221 UJ	<0.0215 U	<0.0239 U	<0.0215 U
Polychlorinated Biphenyl																				
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	0.1	1	1	mg/kg	<0.0196 U	<0.0202 U	<0.0192 U	<0.0187 U	<0.0199 U	<0.0234 U	<0.0198 U	<0.0242 U	<0.0207 U	<0.0184 U	<0.0198 U	<0.0187 U	<0.0178 U	<0.0197 U	<0.0177 U
Metals																				
Aluminum	7429-90-5	NS	NS	NS	mg/kg	7,190	10,100	5,410	5,350	4,870	14,200	10,700	16,500	6,700	7,860	7,890	5,050	2,400	8,130	5,850
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.52 U	<2.56 U	<2.46 UJ	<2.35 U	<2.5 U	<3 U	<2.54 U	<3.08 U	<2.59 U	<2.36 U	<2.5 U	<2.36 U	<2.25 U	<2.52 U	<2.27 U
Arsenic	7440-38-2	13	16	16	mg/kg	4.43	5.5	1.54	<1.41 U	4.43	7.32	6.44	3.83	1.57	4.99	3.7	2.16	7.26	5.87	<1.36 U
Barium	7440-39-3	**350**	400	400	mg/kg	70.2	96.4	35.2 J	37.4	73.8	272	60.1	52.7	32.2	122	60.2	33.2	46.7	291	15.1
Beryllium	7440-41-7	7.2	72	590	mg/kg	0.358	0.526	0.289	0.276	0.276	0.625	0.478	0.757	0.409	0.475	0.394	0.253	0.34	0.459	0.653
Cadmium	7440-43-9	2.5	4.3	9.3	mg/kg	<0.302 U	<0.308 U	<0.296 U	<0.282 U	<0.3 U	<0.361 U	<0.305 U	<0.369 U	<0.311 U	0.765	<0.3 U	<0.283 U	1.32	<0.303 U	<0.272 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	27,900	45,400	1,210	1,750	29,200	24,200	2,450	3,490	1,250	9,730	6,830	1,510	143,000	69,700	89,100
Chromium, Hexavalent	18540-29-9	**1**	110	400	mg/kg	<0.605 U	<0.616 U	<0.592 UJ	<0.564 U	<0.6 U	<0.721 U	<0.609 U	<0.739 U	**1.25**	<0.567 U	<0.6 U	<0.566 U	<0.54 U	<0.606 U	<0.544 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	9.37 J	21 J	27 J	12.5	9.94	18.3	15	28.9	12	15.3	12.9	8.99	4.42	14.6	7.41
Chromium, Trivalent	16065-83-1	30	180	1500	mg/kg	9.2 J	20.9 J	26.9	12.5	9.94	18.3	15	28.9	10.8	15.2	12.9	8.99	4.42	14.6	7.41
Cobalt	7440-48-4	NS	NS	NS	mg/kg	4.35	5.46	4.1	3.53	3.41	8.44	10.9	6.66	5.61	5.46	4.9	4.33	3.29	4.89	3.49
Copper	7440-50-8	**50**	270	270	mg/kg	13.9	18.7	9.68	14.4	44.9	32.5	29.8	24.5	10.8	38.7	15.3	10.5	19.7	34.3	8.19
Cyanide	57-12-5	27	27	27	mg/kg	<0.605 U	<0.616 U	<0.592 U	<0.564 U	<0.6 U	<0.721 U	<0.609 U	<0.739 U	<0.622 U	<0.567 U	<0.6 U	<0.566 U	<0.54 U	<0.606 U	<0.544 U
Iron	7439-89-6	NS	NS	NS	mg/kg	11,300	13,400	7,460	8,220	6,540	21,900	15,300	15,200	10,900	12,400	11,900	8,130	10,300	12,500	7,640
Lead	7439-92-1	**63**	400	1000	mg/kg	**68.8 J**	**155 J**	25.2 J	4.05	**209**	**1,100**	**64.7**	20.9	5.05	**303**	**96.5**	47.5	14.6	**347**	2.54
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,820 J	3,220 J	1,700	1,790	1,780	7,460	3,070	3,490	2,340	3,810	2,370	1,830	84,900	14,100	52,400
Manganese	7439-96-5	1600	2000	10000	mg/kg	162	157	106 J	105	139 J	335 J	142 J	127 J	320	275	199	101	166	409	252
Mercury	7439-97-6	**0.18**	0.81	2.8	mg/kg	0.175	**0.185**	0.077 J	<0.0339 U	0.0844	**0.275**	**0.278**	0.108	<0.0373 U	**0.431**	**0.266**	0.115	0.078	**1.46**	<0.0327 U
Nickel	7440-02-0	30	310	310	mg/kg	9.56	11.1	15.4 J	9.45	7.94	17.7	26.2	16.8	12	12.7	10.6	10.4	9.22	9.89	5.81
Potassium	7440-09-7	NS	NS	NS	mg/kg	696 B	789 B	720 J	741	536 B	1,530 B	1,280 B	1,480 B	1,500	940 B	803	647	521	1,470	770
Selenium	7782-49-2	3.9	180	1500	mg/kg	<2.52 U	2.66	<2.46 U	<2.35 U	<2.5 U	<3 U	<2.54 U	<3.08 U	<2.59 U	<2.36 U	<2.5 U	<2.36 U	<2.25 U	<2.52 U	<2.27 U
Silver	7440-22-4	2	180	1500	mg/kg	<0.508 U	<0.517 U	<0.497 U	<0.474 U	<0.504 U	<0.606 U	<0.512 U	<0.621 U	<0.522 U	<0.476 U	<0.504 U	<0.476 U	<0.454 U	<0.509 U	<0.457 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	162	229	82 J	294	225	208	132	211	129	154	121	126	204	355	158
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.02 U	<2.06 U	<1.98 U	<1.89 U	<2.01 U	<2.41 U	<2.03 U	<2.47 U	<2.08 U	<1.89 U	<2 U	<1.89 U	<1.81 U	<2.02 U	<1.82 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	15.4	24.5	12.2	16	11.6	52.3	20.8	27.7	15.9	26.1	15.1	10.2	24.4	23.2	12.1
Zinc	7440-66-6	**109**	10000	10000	mg/kg	39	54.1	22.9 J	14	31	**161**	86.9	43.8	20.7	**272**	49.3	23.4	109	**185**	22.7

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	Location	SB15	SB15	SB15	SB15	SB16	SB17	SB18	SB18	SB18	SB22	SB22A	SB22A	SB23	SB23	SB23
					Sample Name	SB15 _0-2	DUP01_021925	SB15 _2-4	SB15_6-8	SB16_0-2	SB17_0-2	SB18_0-2	SB18_2-4	SB18_8-10	SB22 _0-2	SB22A_0-2	SB22A_4-5	SB23 _0-2	SB23_6-8	SB23_10-12
					Sample Date	02/19/2025	02/19/2025	02/19/2025	03/10/2025	02/18/2025	02/18/2025	02/18/2025	02/18/2025	03/10/2025	02/19/2025	04/03/2025	04/03/2025	03/01/2025	03/22/2025	03/22/2025
					Sample Depth (ft bgs)	0-2	0-2	2-4	6-8	0-2	0-2	0-2	2-4	8-10	0-2	0-2	4-5	0-2	6-8	10-12
					Sample Depth (ft bsg)	8-10	8-10	10-12	14-16	8-10	8-10	8-10	10-12	16-20	0-2	8-10	12-13	0-2	6-8	10-12
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OU	763051-92-9	NS	NS	NS	mg/kg	<0.000914 U	<0.000929 U	<0.000894 U	<0.000853 U	<0.000904 U	<0.00109 U	<0.000915 U	<0.00111 U	<0.000924 U	<0.00085 U	NA	<0.000854 U	<0.000809 U	<0.000918 U	<0.000816 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000929 U	<0.000944 U	<0.000909 U	<0.000867 U	<0.000919 U	<0.00111 U	<0.00093 U	<0.00113 U	<0.000938 U	<0.000864 U	NA	<0.000868 U	<0.000822 U	<0.000933 U	<0.000829 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	NS	NS	mg/kg	<0.000907 U	<0.000922 U	<0.000887 U	<0.000847 U	<0.000897 U	<0.00108 U	<0.000908 U	<0.0011 U	<0.000916 U	<0.000843 U	NA	<0.000848 U	<0.000803 U	<0.000911 U	<0.00081 U
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000919 U	<0.000934 U	<0.000899 U	<0.000858 U	<0.000909 U	<0.0011 U	<0.00092 U	<0.00111 U	<0.000929 U	<0.000855 U	NA	<0.000859 U	<0.000813 U	<0.000923 U	<0.000821 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	NS	NS	mg/kg	<0.00605 U	<0.00614 U	<0.00592 U	<0.00564 U	<0.00598 U	<0.00721 U	<0.00605 U	<0.00733 U	<0.00611 U	<0.00562 U	NA	<0.00565 U	<0.00535 U	<0.00607 UJ	<0.0054 UJ
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	NS	NS	mg/kg	<0.00605 U	<0.00614 U	<0.00592 U	<0.00564 UJ	<0.00598 U	<0.00721 U	<0.00605 U	<0.00733 U	<0.00611 UJ	<0.00562 U	NA	<0.00565 UJ	<0.00535 UJ	<0.00607 UJ	<0.0054 UJ
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	NS	NS	mg/kg	<0.00121 U	<0.00123 U	<0.00118 U	<0.00113 U	<0.0012 U	<0.00144 U	<0.00121 U	<0.00147 U	<0.00122 U	<0.00112 U	NA	<0.00113 U	<0.00107 U	<0.00121 U	<0.00108 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000914 U	<0.000929 U	<0.000894 U	<0.000853 U	<0.000904 U	<0.00109 U	<0.000915 U	<0.00111 U	<0.000924 U	<0.00085 U	NA	<0.000854 U	<0.000809 U	<0.000918 U	<0.000816 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	<0.000904 U	<0.000919 U	<0.000885 U	<0.000844 U	<0.000895 U	<0.00108 U	<0.000906 U	<0.0011 U	<0.000914 U	<0.000841 U	NA	<0.000845 U	<0.000801 U	<0.000909 U	<0.000808 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	NS	NS	mg/kg	<0.000967 U	<0.000983 U	<0.000947 UJ	<0.000903 U	<0.000957 U	<0.00115 U	<0.000969 U	<0.00117 U	<0.000977 U	<0.0009 U	NA	<0.000904 U	<0.000856 U	<0.000972 U	<0.000864 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	0.000302	0.00137	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	NS	NS	mg/kg	<0.00242 U	<0.00246 U	<0.00237 U	<0.00226 U	<0.00239 U	<0.00288 U	<0.00242 U	<0.00293 U	<0.00244 U	<0.00225 U	NA	<0.00226 U	<0.00214 U	<0.00243 U	<0.00216 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	NS	NS	mg/kg	<0.00242 U	<0.00246 U	<0.00237 U	<0.00226 U	<0.00239 U	<0.00288 U	<0.00242 UJ	<0.00293 U	<0.00244 U	<0.00225 U	NA	<0.00226 U	<0.00214 U	<0.00243 U	<0.00216 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	NS	NS	mg/kg	<0.000484 U	<0.000491 U	<0.000473 U	<0.000452 U	<0.000478 U	<0.000577 U	<0.000484 U	<0.000586 U	<0.000489 U	<0.00045 U	NA	<0.000452 U	<0.000428 U	<0.000486 U	<0.000432 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	NS	NS	mg/kg	<0.0003 U	<0.000437 U	<0.000421 U	<0.000402 U	<0.000426 U	<0.000513 U	<0.000431 U	<0.000522 U	<0.000435 U	<0.0004 U	NA	<0.000402 U	<0.000381 U	<0.000432 U	<0.000384 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	NS	NS	mg/kg	<0.000484 UJ	<0.000491 UJ	<0.000473 UJ	<0.000452 U	<0.000478 UJ	<0.000577 UJ	<0.000484 UJ	<0.000586 UJ	<0.000489 U	<0.00045 UJ	NA	<0.000452 UJ	<0.000428 UJ	<0.000486 UJ	<0.000432 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	NS	NS	mg/kg	<0.000484 U	<0.000491 U	<0.000473 U	<0.000452 U	<0.000478 U	<0.000577 U	<0.000484 U	<0.000586 U	<0.000489 U	<0.00045 U	NA	<0.000452 U	<0.000428 U	<0.000486 U	<0.000432 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000214 U	<0.000217 U	<0.000209 U	<0.0002 U	<0.000212 U	<0.000255 U	<0.000214 U	<0.000259 U	<0.000216 UJ	<0.000199 U	NA	<0.0002 U	<0.000189 U	<0.000215 U	<0.000191 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000967 U	<0.000983 U	<0.000947 U	<0.000903 U	<0.000957 U	<0.00115 U	<0.000969 U	<0.00117 U	<0.000977 U	<0.0009 U	NA	<0.000904 U	<0.000856 U	<0.000972 U	<0.000864 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000233 U	<0.000237 U	<0.000228 U	<0.000218 U	<0.000231 U	<0.000278 U	<0.000234 U	<0.000283 U	<0.000236 U	<0.000217 U	NA	<0.000218 U	<0.000207 U	<0.000234 U	<0.000208 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	0.000326	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	NS	NS	mg/kg	<0.000235 U	<0.000238 U	<0.00023 U	<0.000219 U	<0.000232 U	<0.0028 U	<0.000235 U	<0.000284 U	<0.000237 U	<0.000218 U	NA	<0.000219 U	<0.000208 U	<0.000236 U	<0.00021 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 UJ	0.000134 J	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000221 U	<0.000225 U	<0.000217 U	<0.000207 U	<0.000219 U	<0.000264 U	<0.000222 U	<0.000268 U	<0.000224 U	<0.000206 U	NA	<0.000207 U	<0.000196 U	<0.000222 U	<0.000198 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	0.000163 J	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000232 U	<0.000236 U	<0.000227 U	<0.000217 U	<0.00023 U	<0.000277 U	<0.000232 U	<0.000281 U	<0.000235 U	<0.000216 U	NA	<0.000217 U	<0.000205 U	<0.000233 U	<0.000207 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	0.00035	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.00088**	0.044	0.44	mg/kg	<0.000225 U	<0.000229 U	<0.00022 U	<0.00021 U	<0.000222 U	<0.000268 U	<0.000225 U	<0.000273 U	<0.000227 U	**0.00288**	NA	<0.00021 U	<0.000199 U	<0.000226 U	<0.000201 U
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.00066**	0.033	0.5	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	**0.000698**	NA	<0.000226 UJ	<0.000214 U	<0.000243 U	<0.000216 U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	NS	NS	mg/kg	<0.000227 U	<0.000231 U	<0.000222 U	<0.000212 U	<0.000225 U	<0.000271 U	<0.000228 U	<0.000276 U	<0.00023 U	<0.000211 U	NA	<0.000212 U	<0.000201 U	<0.000228 U	<0.000203 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000484 U	<0.000491 U	<0.000473 U	<0.000452 U	<0.000478 U	<0.000577 U	<0.000484 U	<0.000586 U	<0.000489 U	0.000205 J	NA	<0.000452 U	<0.000428 U	<0.000486 U	<0.000432 U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 U	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	NS	NS	NS	mg/kg	<0.000242 U	<0.000246 U	<0.000237 U	<0.000226 U	<0.000239 U	<0.000288 U	<0.000242 UJ	<0.000293 U	<0.000244 U	<0.000225 U	NA	<0.000226 U	<0.000214 U	<0.000243 U	<0.000216 U
Total PFOA and PFOS	TOTPFOAPFOS	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry																				
Solids, Percent	SOLID	NS	NS	NS	Percent	82.7	81.2	84.5	88.6	83.3	69.3	82.1	67.7	80.4	88.2	83.4	88.3	92.5	82.5	91.9

Table 3
Remedial Investigation Report
Soil Sample Analytical Results

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

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
bgs - below grade surface
bsg - below sidewalk grade
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, Restricted Use Restricted-Residential, Restricted Use Commercial Soil Cleanup Objectives (SCO).
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, Restricted Use Restricted-Residential, and Restricted Use Commercial Guidance Values (April 2023).

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).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and
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

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

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

Analyte	CAS Number	NYSDEC SGVs	Location	MW03	MW04	MW04	MW07	MW09	MW10	MW12	MW14	MW16	MW18	MW22	MW23
			Sample Name	MW03_100722	MW04_100622	GWDUP01_100622	MW07_031825	MW09_041125	MW10_041425	MW12_041525	MW14_040425	MW16_031825	MW18_031825	MW22_041125	MW23_040425
			Sample Date	10/07/2022	10/06/2022	10/06/2022	03/18/2025	04/11/2025	04/14/2025	04/15/2025	04/04/2025	03/18/2025	03/18/2025	04/11/2025	04/04/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds															
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	2.5	1.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	0.74 J	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	50	ug/l	<5 U	<5 U	<5 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	2.1	<2 U	<2 U
Acrolein	107-02-8	5	ug/l	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	0.95	<0.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 UJ	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 UJ	<5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	NA	NA	NA	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U
Naphthalene	91-20-3	**10**	ug/l	<2.5 U	**180 J**	**110 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	1.1 J	0.75 J	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	2.4 J	<0.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.59	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	0.95 J	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	3.56	<0.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	NA	NA	NA	<1 U	<1 UJ	<1 UJ	<1 UJ	<1 U	<1 U	<1 U	<1 UJ	<1 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	2.01	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 U	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 U	<0.5 UJ
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	0.61	0.52	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

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

Analyte	CAS Number	NYSDEC SGVs	Location	MW03	MW04	MW04	MW07	MW09	MW10	MW12	MW14	MW16	MW18	MW22	MW23
			Sample Name	MW03_100722	MW04_100622	GWDUP01_100622	MW07_031825	MW09_041125	MW10_041425	MW12_041525	MW14_040425	MW16_031825	MW18_031825	MW22_041125	MW23_040425
			Sample Date	10/07/2022	10/06/2022	10/06/2022	03/18/2025	04/11/2025	04/14/2025	04/15/2025	04/04/2025	03/18/2025	03/18/2025	04/11/2025	04/04/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	0	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<0.142 U	0.051 J	0.0563 J	<0.3 U	<0.3 U	<0.3 U	<0.3 U	<0.3 UJ	<0.3 U	<0.3 U	<0.3 U	<0.3 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U	<5.41 U	<5 U	<5 U	<5 UJ	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	12	10	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	0.66 J	0.74 J	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U	<5.41 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.41 UJ	<5.56 UJ	<5 UJ	<5 U
Acenaphthene	83-32-9	20	ug/l	0.02 J	6.6	5.9	0.162	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.0757	<0.0556 U	2.7	0.17
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	1	0.98	<0.0541 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	0.57	<0.05 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	0.05 J	5.5	5.4	0.0757	<0.05 U	<0.05 U	0.07	0.1 J	<0.0541 U	<0.0556 U	0.92	<0.05 U
Atrazine	1912-24-9	7.5	ug/l	NA	NA	NA	<0.541 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.541 U	<0.556 U	<0.5 U	<0.5 U
Benzaldehyde	100-52-7	NS	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Benzidine	92-87-5	5	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.1 U	**0.43 J**	**0.46 J**	**0.0973**	<0.05 U	<0.05 U	**0.05**	<0.05 U	**0.0973**	**0.222**	**0.25**	<0.05 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.1 U	**0.07 J**	**0.09 J**	**0.0757**	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	**0.0556**	**0.2**	<0.05 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.01 J**	**0.12**	**0.14**	**0.119**	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	**0.0889**	**0.15**	<0.05 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	0.02 J	0.05 J	0.0541	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	0.12	<0.05 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.1 U	**0.04 J**	**0.07 J**	**0.0541**	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	**0.15**	<0.05 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U	<5.41 U	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5.41 U	<5.56 U	<5 UJ	<5 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	1.9 J	1.4 J	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	2.1 J	<3 U	<3 U	<0.541 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.541 U	<0.556 U	<0.5 U	<0.5 U
Caprolactam	105-60-2	NS	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Carbazole	86-74-8	NS	ug/l	<2 U	17	14	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	3.76 J	<5 U	<5 U
Chrysene	218-01-9	**0.002**	ug/l	<0.1 U	**0.35**	**0.38**	**0.0865**	<0.05 U	<0.05 U	**0.05**	<0.05 U	**0.0757**	**0.167**	**0.22**	<0.05 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	0.04 J	<0.0541 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	<0.05 U	<0.05 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	8	6.6	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Diphenylamine	122-39-4	5	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	0.05 J	7.2	7.4	0.465	<0.05 U	<0.05 U	0.2	0.13 J	<0.0541 U	3.21	1.22	0.05
Fluorene	86-73-7	50	ug/l	0.07 J	11	10	0.0865	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	2.94	0.1
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.0216 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.0216 U	<0.0222 U	<0.02 U	<0.02 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.541 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.541 U	<0.556 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U	<10.8 U	<10 U	<10 U	<10 U	<10 U	<10.8 U	<11.1 U	<10 U	<10 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.541 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.541 U	<0.556 U	<0.5 U	<0.5 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.1 U	**0.02 J**	**0.06 J**	**0.0649**	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.0541 U	<0.0556 U	**0.1**	<0.05 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.25	**88**	**79**	0.0649	<0.05 U	<0.05 U	0.05	0.05 J	<0.0541 U	<0.0556 U	0.32	<0.07 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U	<0.27 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.27 U	<0.278 U	<0.25 U	<0.25 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	NA	NA	NA	<0.541 U	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.541 U	<0.556 U	<0.5 UJ	<0.5 UJ
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U	<5.41 U	<5 U	<5 U	<5 U	<5 U	<5.41 U	<5.56 U	<5 U	<5 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U	<0.27 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.27 U	<0.278 U	<0.25 U	<0.25 U
Phenanthrene	85-01-8	50	ug/l	0.24	28	27	0.162	<0.05 U	<0.05 U	0.07	0.34 J	<0.0541 U	1	1.72	0.17
Phenol	108-95-2	1	ug/l	<5 U	0.86 J	<5 U	<5.41 UJ	<5 UJ	<5 UJ	<5 U	<5 U	<5.41 UJ	<5.56 UJ	<5 UJ	<5 U
Pyrene	129-00-0	50	ug/l	0.03 J	4.4	4.5	0.346	<0.05 U	<0.05 U	0.28	0.13 J	1.23	2.19	1.14	0.05
Pyridine	110-86-1	50	ug/l	NA	NA	NA	<5.41 U	<5 U	<5 U	<5 UJ	<5 U	<5.41 U	<5.56 U	<5 U	<5 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

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

Analyte	CAS Number	NYSDEC SGVs	Location	MW03	MW04	MW04	MW07	MW09	MW10	MW12	MW14	MW16	MW18	MW22	MW23
			Sample Name	MW03_100722	MW04_100622	GWDUP01_100622	MW07_031825	MW09_041125	MW10_041425	MW12_041525	MW14_040425	MW16_031825	MW18_031825	MW22_041125	MW23_040425
			Sample Date	10/07/2022	10/06/2022	10/06/2022	03/18/2025	04/11/2025	04/14/2025	04/15/2025	04/04/2025	03/18/2025	03/18/2025	04/11/2025	04/04/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides															
4,4'-DDD	72-54-8	0.3	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Aldrin	309-00-2	0	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 UJ	<0.004 UJ	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 UJ	<0.004 UJ	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.2 UJ	<0.229 U	<0.2 U	<0.2 U	<0.2 U	<0.2 UJ	<0.2 U	<0.2 U	<0.2 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Dieldrin	60-57-1	0.004	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.002 UJ	<0.00229 U	<0.002 UJ	<0.002 UJ	<0.002 U	<0.002 UJ	<0.002 U	<0.002 U	<0.002 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Endrin	72-20-8	0	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.004 UJ	<0.00457 U	<0.004 UJ	<0.004 UJ	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.01 UJ	<0.0114 U	<0.01 U	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U	<0.01 U	<0.01 U
Endrin Ketone	53494-70-5	5	ug/l	<0.029 U	<0.029 U	<0.029 U	<0.01 UJ	<0.0114 U	<0.01 U	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U	<0.01 U	<0.01 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.014 U	<0.014 U	<0.014 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	NS	ug/l	NA	NA	NA	<0.01 UJ	<0.0114 U	<0.01 U	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U	<0.01 U	<0.01 U
Heptachlor	76-44-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.014 U	<0.014 U	<0.014 U	<0.004 UJ	<0.00457 U	<0.004 UJ	<0.004 UJ	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Methoxychlor	72-43-5	35	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.004 UJ	<0.00457 U	<0.004 U	<0.004 U	<0.004 U	<0.004 UJ	<0.004 U	<0.004 U	<0.004 U
Toxaphene	8001-35-2	0.06	ug/l	<0.143 U	<0.143 U	<0.143 U	<0.1 UJ	<0.114 U	<0.1 U	<0.1 U	<0.1 U	<0.1 UJ	<0.1 U	<0.1 U	<0.1 U
Herbicides															
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<2 U	<2 U	<2 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<10 U	<10 U	<10 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<2 U	<2 U	<2 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U	<5 U
Polychlorinated Biphenyl															
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	0.424	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	0.18	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.071 U	<0.071 U	<0.071 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	**0.09**	ug/l	<0.071 U	<0.071 U	<0.071 U	<0.05 UJ	<0.0571 U	<0.05 UJ	<0.05 UJ	**0.604**	<0.05 UJ	<0.05 U	<0.05 UJ	<0.05 U
Metals - Dissolved															
Aluminum	7429-90-5	NS	ug/l	28.6	118	98	<55.6 U	62.9	83.8	<55.6 UJ	<55.6 U	<55.6 U	<55.6 U	69.7 J	<55.6 U
Antimony	7440-36-0	3	ug/l	0.65 J	0.74 J	<4 U	<1.11 U	<1.11 U	<5.56 U	<5.56 UJ	<5.56 U	<1.11 U	<1.11 U	<1.11 U	<5.56 U
Arsenic	7440-38-2	25	ug/l	0.23 J	1.21	1.2	2.78	<1.11 U	<5.56 U	<5.56 UJ	<5.56 U	1.15	1.84	1.84	<5.56 U
Barium	7440-39-3	1000	ug/l	8.02	50.99	51.71	79.3	41	117	85.4 J	123	162	61.9	146 J	89.3
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.333 U	<0.333 UJ	<1.67 UJ	<1.67 UJ	<1.67 U	<0.333 U	<0.333 U	<0.333 UJ	<1.67 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.556 U	<0.556 UJ	<2.78 UJ	<2.78 UJ	<2.78 U	<0.556 U	<0.556 U	<0.556 UJ	<2.78 U
Calcium	7440-70-2	NS	ug/l	73,900	89,600	87,800	135,000	81,700	141,000	90,500	121,000 J	127,000	152,000	169,000 J	136,000 J
Chromium, Total	7440-47-3	50	ug/l	<1 U	0.24 J	<1 U	<5.56 U	<5.56 U	<5.56 U	16.6 J	<5.56 U	<5.56 U	<5.56 U	<5.56 UJ	<5.56 U
Cobalt	7440-48-4	NS	ug/l	<0.5 U	0.25 J	0.27 J	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 UJ	<4.44 U
Copper	7440-50-8	200	ug/l	<1 U	0.41 J	0.43 J	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 UJ	<22.2 U
Iron	7439-89-6	**300**	ug/l	23.4 J	**3,190**	**3,780**	<278 U	<278 U	**3,790**	**408 J**	<278 U	<278 U	<278 U	<278 UJ	<278 U
Lead	7439-92-1	25	ug/l	1.52	<1 U	<1 U	<5.56 U	14.1 J	19.8 J	<5.56 UJ	<5.56 U	<5.56 U	<5.56 U	20.4 J	<5.56 U
Magnesium	7439-95-4	**35000**	ug/l	4,100	9,960	9,740	29,600	34,700	**67,800**	13,000 J	15,700	10,700	32,800	28,500 J	27,600
Manganese	7439-96-5	**300**	ug/l	207.2	**4,126**	**4,057**	**367**	**2,400**	**3,760**	**550**	**307**	**669**	109	256 J	**1,530**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	<2 U	0.95 J	0.78 J	<11.1 U	<11.1 U	<11.1 U	22.8	<11.1 U	<11.1 U	<11.1 U	<11.1 UJ	<11.1 U
Potassium	7440-09-7	NS	ug/l	6,680	19,000	19,300	31,300	19,300	81,000	6,590	8,390	17,900	29,400	27,300 J	8,770
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	1.52	<1.11 U	<5.56 U	<5.56 UJ	6.34 D	<1.11 U	<1.11 U	1.69	9.36 D
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<5.56 U	<5.56 U	<5.56 U	<5.56 UJ	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	16,400	**55,900**	**54,400**	**101,000**	**45,800**	**172,000**	**54,300**	**45,400**	**86,200**	**74,800**	**108,000 J**	**56,300**
Thallium	7440-28-0	0.5	ug/l	<2 U	<1 U	<1 U	<1.11 U	<1.11 U	<5.56 U	<5.56 UJ	<5.56 U	<1.11 U	<1.11 U	<1.11 U	<5.56 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U	<11.1 U	<11.1 U	<11.1 U	<11.1 UJ	<11.1 U	<11.1 U	<11.1 U	<11.1 UJ	<11.1 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U	<27.8 U	<27.8 U	<27.8 U	<27.8 UJ	52.4	33.3	<27.8 U	<27.8 UJ	<27.8 U

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

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

Analyte	CAS Number	NYSDEC SGVs	Location	MW03	MW04	MW04	MW07	MW09	MW10	MW12	MW14	MW16	MW18	MW22	MW23
			Sample Name	MW03_100722	MW04_100622	GWDUP01_100622	MW07_031825	MW09_041125	MW10_041425	MW12_041525	MW14_040425	MW16_031825	MW18_031825	MW22_041125	MW23_040425
			Sample Date	10/07/2022	10/06/2022	10/06/2022	03/18/2025	04/11/2025	04/14/2025	04/15/2025	04/04/2025	03/18/2025	03/18/2025	04/11/2025	04/04/2025
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Total															
Aluminum	7429-90-5	NS	ug/l	32.8	375 J	220 J	<50 U	1,180	456 J	197 J	69.1	<50 U	<50 U	166	152
Antimony	7440-36-0	3	ug/l	0.51 J	<4 U	<4 U	<1.11 U	<5.56 U	<5.56 U	<5.56 UJ	<5.56 U	<1.11 U	<1.11 U	<5.56 UJ	<5.56 U
Arsenic	7440-38-2	25	ug/l	0.33 J	1.71	1.5	3.93	<5.56 U	<5.56 U	<5.56 UJ	<5.56 U	<1.11 U	2.51	<5.56 UJ	<5.56 U
Barium	7440-39-3	1000	ug/l	7.83	45.83	50.3	77.1	93.8	205	87.3	119	153	55.2	157	89.6
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.333 U	<1.67 U	<1.67 U	<1.67 UJ	<1.67 U	<0.333 U	<0.333 U	<1.67 UJ	<1.67 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.556 U	<2.78 U	<2.78 U	<2.78 UJ	<2.78 UJ	<0.556 U	<0.556 U	<2.78 UJ	<2.78 UJ
Calcium	7440-70-2	NS	ug/l	70,600	91,700	89,800	125,000 J	81,000	140,000	93,800	119,000	114,000 J	135,000 J	162,000	137,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 UJ	<10 U	<10 U	<10 U	<10 U	<10 UJ	<10 UJ	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	<1 U	0.18 J	<1 U	<5 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5 U	<5 U	<5.56 U	<5.56 U
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	<0.5 U	0.28 J	0.33 J	<4 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4 U	<4 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	0.47 J	<1 U	<1 U	<20 U	<22.2 U	<22.2 U	32.5 J	<22.2 U	<20 U	<20 U	<22.2 U	<22.2 U
Cyanide	57-12-5	200	ug/l	NA	NA	NA	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U	<10 U
Iron	7439-89-6	**300**	ug/l	20.6 J	**3,950**	**4,350**	**1,120**	**6,170**	**24,500**	<278 U	<278 U	**450**	**412**	**1,400**	<278 U
Lead	7439-92-1	**25**	ug/l	1.46	0.45 J	<1 U	<5 U	**37**	15.5	7.29 J	<5.56 U	<5 U	<5 U	15.1	<5.56 U
Magnesium	7439-95-4	**35000**	ug/l	3,980	10,100	10,500	27,300	**35,900**	**66,600**	12,500	15,200	9,670	29,100	27,400	27,900
Manganese	7439-96-5	**300**	ug/l	227.2	**3,721**	**3,997**	**365**	**2,370**	**3,400**	**576**	**340**	**604**	92	300	**1,540**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	<2 U	0.83 J	0.88 J	<10 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<10 U	<10 U	<11.1 U	13
Potassium	7440-09-7	NS	ug/l	6,350	20,100	19,600	27,500	21,200	84,200	6,390	8,330	15,700	25,900	28,400	8,680
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	<5 U	<1.11 U	<5.56 U	<5.56 U	9.26 UJ	<5.56 U	<1.11 U	<1.11 U	<5.56 UJ	<5.56 U
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U	<5 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5 U	<5 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	15,800	**46,800**	**47,200**	**93,100**	**52,900 J**	**158,000 J**	**54,100**	**44,300**	**78,400**	**67,900**	**121,000 J**	**56,500**
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U	<1.11 U	<5.56 U	<5.56 U	<5.56 UJ	<5.56 U	<1.11 U	<1.11 U	<5.56 UJ	<5.56 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U	<10 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<10 U	<10 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U	<25 U	35	<27.8 U	<27.8 U	68	<25 U	<25 U	<27.8 U	36
Per- and Polyfluoroalkyl Substances															
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	NS	ug/l	NA	NA	NA	<0.00752 U	<0.00718 U	<0.0071 U	<0.00731 U	<0.00732 U	<0.00735 U	<0.00737 U	<0.00729 U	<0.0076 U
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00764 U	<0.00729 UJ	<0.00721 UJ	<0.00742 U	<0.00743 U	<0.00747 U	<0.00748 U	<0.00741 U	<0.00772 U
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	NS	ug/l	NA	NA	NA	<0.00746 U	<0.00712 UJ	<0.00704 UJ	<0.00725 U	<0.00726 UJ	<0.00729 UJ	<0.00731 UJ	<0.00724 UJ	<0.00754 UJ
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	NS	ug/l	0.00199	0.00177 J	0.00138 J	<0.00756 U	<0.00721 UJ	<0.00713 UJ	<0.00735 U	<0.00736 U	<0.00739 U	<0.00741 U	<0.00733 U	<0.00764 U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	NS	ug/l	NA	NA	NA	<0.0249 U	<0.0237 U	<0.0235 U	<0.0242 U	<0.0242 U	<0.0243 U	<0.0244 U	<0.0241 U	<0.0251 U
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	NS	ug/l	NA	NA	NA	<0.0249 U	<0.0237 U	<0.0235 U	<0.0242 UJ	<0.0242 U	<0.0243 U	<0.0244 U	<0.0241 U	<0.0251 U
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	NS	ug/l	NA	NA	NA	<0.00497 U	<0.00475 UJ	<0.00469 UJ	<0.00483 U	<0.00484 U	<0.00486 U	<0.00487 U	<0.00482 UJ	<0.00503 U
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	NS	ug/l	NA	NA	NA	0.000844 J	<0.00718 U	<0.0071 U	<0.00731 U	<0.00732 U	<0.00735 U	<0.00737 U	<0.00729 U	<0.0076 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	NS	ug/l	NA	NA	NA	<0.00744 U	<0.0071 U	<0.00702 U	<0.00723 U	<0.00724 U	<0.00727 U	<0.00729 U	<0.00722 U	<0.00752 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	NS	ug/l	NA	NA	NA	<0.00796 U	<0.00759 U	<0.00751 U	<0.00773 U	<0.00774 U	<0.00778 U	<0.0078 U	<0.00772 U	<0.00804 U
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	NS	ug/l	NA	NA	NA	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 UJ	<0.00193 U	<0.00194 U	<0.00194 U	0.00377	<0.00193 U	<0.00201 U
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	NS	ug/l	NA	NA	NA	<0.0199 U	<0.019 U	<0.0188 U	<0.0193 U	<0.0194 U	<0.0194 U	<0.0195 U	<0.0193 U	<0.0201 U
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	NS	ug/l	NA	NA	NA	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	NS	ug/l	NA	NA	NA	<0.0199 U	<0.019 U	<0.0188 U	<0.0193 U	<0.0194 U	<0.0194 U	<0.0195 U	<0.0193 U	<0.0201 U
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	NS	ug/l	NA	NA	NA	<0.00398 U	<0.0038 U	<0.00376 U	<0.00387 U	<0.00387 U	<0.00389 U	<0.0039 U	<0.00386 U	<0.00402 U
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	NS	ug/l	NA	NA	NA	<0.00354 U	<0.00338 U	<0.00334 U	<0.00344 U	<0.00345 U	<0.00346 U	<0.00347 U	<0.00343 U	<0.00358 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NS	ug/l	NA	NA	NA	<0.00398 U	<0.0038 UJ	<0.00376 UJ	<0.00387 UJ	<0.00387 UJ	<0.00389 U	<0.0039 U	<0.00386 UJ	<0.00402 UJ
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NS	ug/l	NA	NA	NA	<0.00398 U	<0.0038 U	<0.00376 U	<0.00387 U	<0.00387 U	<0.00389 U	<0.0039 U	<0.00386 U	<0.00402 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	0.00525	0.00845	0.00836	0.00619	0.00289	0.00285	0.00657	0.0092	0.00473	0.0063	0.00332	0.0103
Perfluorobutanoic acid (PFBA)	375-22-4	NS	ug/l	0.0112	0.0155	0.0151	0.0141	<0.00759 U	0.00524 J	0.0115 J	0.0144	0.0171	0.0109	<0.00772 U	0.0182
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00192 U	<0.00183 U	<0.00181 U	<0.00187 U	<0.00187 U	<0.00188 U	<0.00188 U	<0.00186 U	<0.00194 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	0.00174 J	0.00154 J	0.00129 J	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	0.00195	0.000791 J	<0.00195 U	<0.00193 U	0.000807 J
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	NS	ug/l	NA	NA	NA	<0.00193 UJ	<0.00184 UJ	<0.00182 U	<0.00188 UJ	<0.00188 UJ	<0.00189 UJ	<0.00189 UJ	<0.00187 U	<0.00195 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	0.000981 J	<0.00181 U	<0.00179 U	<0.00185 U	<0.00185 U	<0.00186 U	<0.00186 U	<0.00184 U	<0.00192 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	0.00255	0.00332	0.00326	0.00918	0.00379	0.00456	0.00381	0.00694	0.00518	0.00644	0.00271	0.00203
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	0.00107 J	0.00267	0.00294	0.0273	0.00393	<0.00172 U	0.00283	0.00323	0.00102 J	0.00705	0.00485	0.00323
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	0.00405	0.00604	0.00619	0.0197	0.00533	0.00652	0.00483	0.00587	0.0183	0.0147	0.00391	0.00157 J
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	ug/l	NA	NA	NA	<0.00191 U	<0.00182 U	<0.0018 U	<0.00186 U	<0.00186 U	<0.00187 U	<0.00187 U	<0.00185 U	<0.00193 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	0.00392	0.00307	0.00288	0.000661 J	0.0011 J	<0.00188 U	0.00161 J	0.00254	0.00115 J	<0.00195 U	<0.00193 U	0.00131 J
Perfluorooctanesulfonamide (PFOSA)	754-91-6	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	**0.0208**	**0.0275 J**	**0.024**	**0.0265**	0.001 J	<0.00175 UJ	**0.0229**	**0.0403**	**0.0093**	0.00118 J	**0.0315**	**0.0193**
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	**0.016**	**0.0199**	**0.0197**	**0.0302**	0.00638	0.0039	**0.0295**	**0.0299**	**0.00716**	**0.0172**	**0.00758**	**0.0254**
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NS	ug/l	NA	NA	NA	0.000845 J	<0.00178 U	<0.00176 U	<0.00182 U	<0.00182 U	<0.00183 U	<0.00183 U	<0.00181 U	<0.00189 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	0.00537	0.00869	0.00868	0.0245	0.00423	0.00388 J	0.00757	0.011	0.0229	0.0216	0.00471	0.00433
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	<0.00194 U	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	NS	ug/l	0.000357 J	<0.00191 U	<0.00202 U	<0.00199 U	<0.0019 U	<0.00188 U	<0.00193 U	<0.00194 U	<0.00194 U	<0.00195 U	<0.00193 U	<0.00201 U
Total PFOA and PFOS	TOTPFOAPFOS	NS	ug/l	0.0368	0.0474	0.0437	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Remedial Investigation Report
Groundwater Sample Analytical Results

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

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
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").

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.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 5
Remedial Investigation Report
Subsurface Soil Vapor Sample Analytical Results

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

Analyte	CAS Number	Location	SV01	SV03	SV09	SV10	SV12	SV13
		Sample Name	SV01_100722	SV03_100722	SV09_032925	SV10_032925	SV12_032925	SV13_032925
		Sample Date	10/07/2022	10/07/2022	03/29/2025	03/29/2025	03/29/2025	03/29/2025
		Sample Type	SV	SV	SV	SV	SV	SV
		Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	NA	NA	<1.2 U	<1 U	<1.1 U	<1.1 U
1,1,1-Trichloroethane	71-55-6	ug/m3	<1.09 U	1.53	<0.94 U	<0.81 U	<0.87 U	<0.88 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	<1.37 U	<1.37 U	<1.2 U	<1 U	<1.1 U	<1.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/m3	<1.53 U	<1.53 U	<1.3 U	<1.1 U	<1.2 U	<1.2 U
1,1,2-Trichloroethane	79-00-5	ug/m3	<1.09 U	<1.09 U	<0.94 U	<0.81 U	<0.87 U	<0.88 U
1,1-Dichloroethane	75-34-3	ug/m3	<0.809 U	<0.809 U	<0.7 U	<0.6 U	<0.65 U	<0.65 U
1,1-Dichloroethene	75-35-4	ug/m3	<0.793 U	<0.793 U	<0.17 U	<0.15 U	<0.16 U	<0.16 U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	<1.48 U	<1.48 U	<1.3 UJ	<1.1 UJ	<1.2 UJ	<1.2 UJ
1,2,4-Trimethylbenzene	95-63-6	ug/m3	10.2	11.3	7.1 D	6.8 D	6.0 D	7.4 D
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/m3	<1.54 U	<1.54 U	<1.3 U	<1.1 U	<1.2 U	<1.2 U
1,2-Dichlorobenzene	95-50-1	ug/m3	<1.2 U	<1.2 U	<1 U	<0.9 U	<0.96 U	<0.97 U
1,2-Dichloroethane	107-06-2	ug/m3	<0.809 U	<0.809 U	<0.7 U	<0.6 U	<0.65 U	<0.65 U
1,2-Dichloropropane	78-87-5	ug/m3	<0.924 U	<0.924 U	<0.8 U	<0.69 U	<0.74 U	<0.74 U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	<1.4 U	<1.4 U	<1.2 U	<1 U	<1.1 U	<1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/m3	3.44	3.16	1.9 D	1.9 D	1.8 D	2.0 D
1,3-Butadiene	106-99-0	ug/m3	4.82	<0.442 U	<1.1 U	<0.99 U	<1.1 U	<1.1 U
1,3-Dichlorobenzene	541-73-1	ug/m3	<1.2 U	<1.2 U	<1 U	<0.9 U	<0.96 U	<0.97 U
1,3-Dichloropropane	142-28-9	ug/m3	NA	NA	<0.8 U	<0.69 U	<0.74 U	<0.74 U
1,4-Dichlorobenzene	106-46-7	ug/m3	<1.2 U	<1.2 U	<1 U	<0.9 U	<0.96 U	<0.97 U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/m3	<0.721 U	<0.721 U	<1.2 U	<1.1 U	<1.2 U	<1.2 U
2,2,4-Trimethylpentane	540-84-1	ug/m3	<0.934 U	<0.934 U	0.72 D	0.28 JD	0.75 D	0.30 JD
2-Hexanone (MBK)	591-78-6	ug/m3	6.31	21.2	<1.4 U	<1.2 U	<1.3 U	<1.3 U
4-Ethyltoluene	622-96-8	ug/m3	<0.983 U	<0.983 U	5.8 D	5.7 D	5.5 D	6.3 D
Acetone	67-64-1	ug/m3	489	772	100 D	80 D	81 D	120 D
Acrylonitrile	107-13-1	ug/m3	NA	NA	2.4 JD	<4.2 U	<4.5 U	8.1 D
Allyl Chloride (3-Chloropropene)	107-05-1	ug/m3	<0.626 U	<0.626 U	<2.7 U	<2.3 U	<2.5 U	<2.5 U
Benzene	71-43-2	ug/m3	1.8	1.69	1.8 D	<0.48 U	2.9 D	0.98 D
Benzyl Chloride	100-44-7	ug/m3	<1.04 U	<1.04 U	<0.89 U	<0.77 U	<0.83 U	<0.83 U
Bromodichloromethane	75-27-4	ug/m3	<1.34 U	<1.34 U	<1.2 U	<1 U	<1.1 U	<1.1 U
Bromoethene	593-60-2	ug/m3	<0.874 U	<0.874 U	<0.75 U	<0.65 U	<0.7 U	<0.7 U
Bromoform	75-25-2	ug/m3	<2.07 U	<2.07 U	<1.8 U	<1.5 U	<1.7 U	<1.7 U
Bromomethane	74-83-9	ug/m3	<0.777 U	<0.777 U	<0.67 U	<0.58 U	<0.62 U	<0.63 U
Carbon Disulfide	75-15-0	ug/m3	8.19	8.5	8.0 D	5.7 D	19 D	16 D
Carbon Tetrachloride	56-23-5	ug/m3	<1.26 U	<1.26 U	0.43 D	0.47 D	0.40 D	0.41 D
Chlorobenzene	108-90-7	ug/m3	<0.921 U	<0.921 U	<0.79 U	<0.69 U	<0.74 U	<0.74 U
Chloroethane	75-00-3	ug/m3	<0.528 U	<0.528 U	<0.45 U	<0.39 U	<0.42 U	<0.42 U
Chloroform	67-66-3	ug/m3	<0.977 U	<0.977 U	<0.84 U	5.8 D	1.9 D	<0.79 U
Chloromethane	74-87-3	ug/m3	<0.413 U	0.547	<0.36 U	<0.31 U	<0.33 U	<0.33 U
Cis-1,2-Dichloroethene	156-59-2	ug/m3	<0.793 U	<0.793 U	0.20 D	<0.15 U	<0.16 U	<0.16 U
Cis-1,3-Dichloropropene	10061-01-5	ug/m3	<0.908 U	<0.908 U	<0.78 U	<0.68 U	<0.73 U	<0.73 U
Cyclohexane	110-82-7	ug/m3	11.7	5.61	0.89 D	0.62 D	1.1 D	0.67 D
Dibromochloromethane	124-48-1	ug/m3	<1.7 U	<1.7 U	<1.5 U	<1.3 U	<1.4 U	<1.4 U
Dichlorodifluoromethane	75-71-8	ug/m3	2.06	2.08	2.4 D	2.4 D	2.3 D	2.4 D
Ethanol	64-17-5	ug/m3	10.1	22	NA	NA	NA	NA
Ethyl Acetate	141-78-6	ug/m3	<1.8 U	<1.8 U	1.7 D	<1.1 U	4.5 D	5.0 D
Ethylbenzene	100-41-4	ug/m3	2.48	2.22	3.5 D	2.7 D	3.3 D	3.8 D
Hexachlorobutadiene	87-68-3	ug/m3	<2.13 U	<2.13 U	<1.8 U	<1.6 U	<1.7 U	<1.7 U
Isopropanol	67-63-0	ug/m3	1.98	4.23	7.3 J	4.6 J	6.8 D	13 D
M,P-Xylene	179601-23-1	ug/m3	7.21	7.69	13 D	12 D	14 D	16 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/m3	47.8	88.5	3.0 D	3.9 D	5.1 D	4.4 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/m3	<2.05 U	3.48	<0.71 U	<0.61 U	<0.66 U	<0.66 U
Methyl Methacrylate	80-62-6	ug/m3	NA	NA	<0.71 U	<0.61 U	1.4 D	0.86 D
Methylene Chloride	75-09-2	ug/m3	<1.74 U	<1.74 U	<3.6 U	<3.1 U	<3.3 U	<3.4 U
Naphthalene	91-20-3	ug/m3	NA	NA	<1.8 U	<1.6 U	<1.7 U	<1.7 U
n-Heptane	142-82-5	ug/m3	29	8.77	1.3 D	0.86 D	4.4 D	1.4 D
n-Hexane	110-54-3	ug/m3	62	32	1.8 D	0.89 D	5.3 D	1.1 D
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/m3	3.87	4.15	5.0 D	4.5 D	5.3 D	5.9 D
Propylene	115-07-1	ug/m3	NA	NA	5.7 D	<0.26 U	<0.28 U	<0.28 U
Styrene	100-42-5	ug/m3	<0.852 U	<0.852 U	<0.73 U	<0.64 U	<0.68 U	<0.69 U
Tert-Butyl Alcohol	75-65-0	ug/m3	15.3	20.2	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	ug/m3	<0.721 U	<0.721 U	<0.62 U	<0.54 U	<0.58 U	<0.58 U
Tetrachloroethene (PCE)	127-18-4	ug/m3	1.89	2.15	310 D	220 D	400 D	320 D
Tetrahydrofuran	109-99-9	ug/m3	1.52	3.07	<1 U	<0.88 U	<0.94 U	<0.95 U
Toluene	108-88-3	ug/m3	4.26	4.82	6.6 D	4.8 D	8.9 D	8.5 D
Total Xylenes	1330-20-7	ug/m3	11.1	11.9	18 D	16 D	19 D	21 D
Trans-1,2-Dichloroethene	156-60-5	ug/m3	<0.793 U	<0.793 U	<0.68 U	<0.59 U	<0.63 U	<0.64 U
Trans-1,3-Dichloropropene	10061-02-6	ug/m3	<0.908 U	<0.908 U	<0.78 U	<0.68 U	<0.73 U	<0.73 U
Trichloroethene (TCE)	79-01-6	ug/m3	<1.07 U	<1.07 U	<0.23 U	<0.2 U	0.26 D	<0.22 U
Trichlorofluoromethane	75-69-4	ug/m3	<1.12 U	<1.12 U	1.3 D	1.3 D	1.2 D	1.4 D
Vinyl Acetate	108-05-4	ug/m3	NA	NA	<0.61 U	<0.53 U	<0.56 U	<0.57 U
Vinyl Chloride	75-01-4	ug/m3	<0.511 U	<0.511 U	<0.22 U	<0.19 U	<0.2 U	<0.21 U

Table 5
Remedial Investigation Report
Subsurface Soil Vapor Sample Analytical Results

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

Notes:
SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

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.

Table 6
Remedial Investigation Report
Sub-Slab Soil Vapor and Indoor Air Sample Analytical Results

The Beacon
New York, New York
BCP Site No.: C231155
Langan Project No.: 170745301

Analyte	CAS Number	NYSDOH AGVs	Location	AA01			IA04_SV04		IA05_SV05		IA18	SS07	IA19_SS19		IA20_SS20		IA21_SS21	
			Sample Name	AA01_100722	AA01_031125	AA01_032925	IA04_100722	SV04_100722	IA05_100722	SV05_100722	IA18_031125	SS07_031125	IA19_031125	SS19_031125	IA20_031125	SS20_031125	IA21_031125	SS21_031125
			Sample Date	10/07/2022	03/11/2025	03/29/2025	10/07/2022	10/07/2022	10/07/2022	10/07/2022	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025
			Sample Type	AA	AA	AA	IA	SSV	IA	SSV	IA	SV	IA	SSV	IA	SSV	IA	SSV
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	ug/m3	NA	<0.71 U	<0.6 U	NA	NA	NA	NA	<0.74 U	<1.3 U	<0.77 U	<6.3 U	<0.66 U	<13 U	<0.7 U	<14 U
1,1,1-Trichloroethane	71-55-6	NS	ug/m3	<0.109 U	<0.56 U	<0.47 U	<0.109 U	<2.84 U	<0.109 U	<15.3 U	<0.59 U	<1.1 U	<0.61 U	<5 U	<0.52 U	<10 U	<0.56 U	<12 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<0.71 U	<0.6 U	<1.37 U	<35.8 U	<1.37 U	<193 U	<0.74 U	<1.3 U	<0.77 U	<6.3 U	<0.66 U	<13 U	<0.7 U	<14 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<0.79 U	<0.67 U	<1.53 U	<39.9 U	<1.53 U	<215 U	<0.83 U	<1.5 U	<0.86 U	<7 U	<0.74 U	<14 U	<0.79 U	<16 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<0.56 U	<0.47 U	<1.09 U	<28.4 U	<1.09 U	<153 U	<0.59 U	<1.1 U	<0.61 U	<5 U	<0.52 U	<10 U	<0.56 U	<12 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.42 U	<0.35 U	<0.809 U	<21.1 U	<0.809 U	<114 U	<0.44 U	<0.78 U	<0.46 U	<3.7 U	<0.39 U	<7.4 U	<0.42 U	<8.5 U
1,1-Dichloroethene	75-35-4	NS	ug/m3	<0.079 U	<0.1 U	<0.086 U	<0.079 U	<2.07 U	<0.079 U	<11.1 U	<0.11 U	<0.19 U	<0.11 U	<0.9 U	<0.095 U	<1.8 U	<0.1 U	<2.1 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<0.76 U	<0.64 U	<1.48 U	<38.7 U	<1.48 U	<209 U	<0.8 UJ	<1.4 U	<0.83 UJ	<6.8 UJ	<0.71 UJ	<14 UJ	<0.76 UJ	<16 UJ
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	3.29	0.61 D	<0.43 U	5.6	<25.6 U	9.29	<138 U	70 D	7.4 D	2.4 D	32 D	6.7 D	41 D	29 D	61 D
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<0.79 U	<0.67 U	<1.54 U	<40 U	<1.54 U	<216 U	<0.83 U	<1.5 U	<0.86 U	<7 U	<0.74 U	<14 U	<0.79 U	<16 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<0.62 U	<0.52 U	<1.2 U	<31.3 U	<1.2 U	<169 U	<0.65 U	<1.2 U	<0.68 U	<5.5 U	<0.58 U	<11 U	<0.62 U	<13 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<0.42 U	<0.35 U	<0.809 U	<21.1 U	<0.809 U	<114 U	<0.44 U	<0.78 U	<0.46 U	<3.7 U	<0.39 U	<7.4 U	<0.42 U	<8.5 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<0.48 U	<0.4 U	<0.924 U	<24.1 U	<0.924 U	<130 U	<0.5 U	<0.89 U	<0.52 U	<4.2 U	<0.44 U	<8.4 U	<0.47 U	<9.7 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<0.72 U	<0.61 U	<1.4 U	<36.4 U	<1.4 U	<196 U	<0.76 U	<1.3 U	<0.79 U	<6.4 U	<0.67 U	<13 U	<0.72 U	<15 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	<0.51 U	<0.43 U	1.57	<25.6 U	2.42	<138 U	23 D	2.2 D	0.72 D	20 D	2.0 D	30 D	9.4 D	40 D
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	<0.68 U	<0.58 U	<0.442 U	<11.5 U	<0.442 U	<62.2 U	<0.72 U	<1.3 U	<0.75 U	<6.1 U	<0.64 U	<12 U	<0.68 U	<14 U
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	<0.62 U	<0.52 U	<1.2 U	<31.3 U	<1.2 U	<169 U	<0.65 U	<1.2 U	<0.68 U	<5.5 U	<0.58 U	<11 U	<0.62 U	<13 U
1,3-Dichloropropane	142-28-9	NS	ug/m3	NA	<0.48 U	<0.4 U	NA	NA	NA	NA	<0.5 U	<0.89 U	<0.52 U	<4.2 U	<0.44 U	<8.4 U	<0.47 U	<9.7 U
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<0.62 U	<0.52 U	<1.2 U	<31.3 U	<1.2 U	<169 U	<0.65 U	<1.2 U	<0.68 U	<5.5 U	<0.58 U	<11 U	<0.62 U	<13 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<0.74 U	<0.63 U	<0.721 U	<18.8 U	<0.721 U	<101 U	<0.78 U	<1.4 U	<0.81 U	<6.6 U	<0.69 U	<13 U	<0.74 U	<15 U
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	1.2 D	0.36 D	<0.934 U	<24.3 U	<0.934 U	<131 U	<0.25 U	<0.45 U	0.63 D	25 D	0.81 D	<4.3 U	1.4 D	<4.9 U
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	<0.84 U	<0.71 U	<0.82 U	<21.4 U	<0.82 U	<115 U	<0.89 U	<1.6 U	<0.92 U	62 D	<0.79 U	<15 U	<0.84 U	<17 U
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	<0.51 U	<0.43 U	1.27	<25.6 U	2.33	<138 U	83 D	2.2 D	2.4 D	36 D	7.7 D	91 D	33 D	150 D
Acetone	67-64-1	NS	ug/m3	12.7	21 D	23 D	19.4	<61.8 U	18.8	449	12 D	3.4 JD	17 D	1000 D	10 D	3700 D	13 D	870 D
Acrylonitrile	107-13-1	NS	ug/m3	NA	<2.9 U	<2.4 U	NA	NA	NA	NA	<3.1 U	64 D	11 D	<26 U	<2.7 U	<51 U	<2.9 U	5.0 JD
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<1.6 U	<1.4 U	<0.626 U	<16.3 U	<0.626 U	<88 U	<1.7 U	<3 U	<1.8 U	<14 U	<1.5 U	<29 U	<1.6 U	<33 U
Benzene	71-43-2	NS	ug/m3	1.79	0.95 D	0.53 D	2.25	21.5	5.02	428	24 D	<0.62 U	1.2 D	19 D	2.8 D	<5.8 U	9.3 D	150 D
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<0.53 U	<0.45 U	<1.04 U	<27 U	<1.04 U	<145 U	<0.56 U	<1 U	<0.58 U	<4.7 U	<0.5 U	<9.4 U	<0.53 U	<11 U
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<0.69 U	<0.58 U	<1.34 U	<34.9 U	<1.34 U	<188 U	<0.73 U	<1.3 U	<0.75 U	<6.1 U	<0.64 U	<12 U	<0.69 U	<14 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.45 U	<0.38 U	<0.874 U	<22.8 U	<0.874 U	<123 U	<0.47 U	<0.84 U	<0.49 U	<4 U	<0.42 U	<8 U	<0.45 U	<9.2 U
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<1.1 U	<0.9 U	<2.07 U	<53.9 U	<2.07 U	<291 U	<1.1 U	<2 U	<1.2 U	<9.4 U	<0.99 U	<19 U	<1.1 U	<22 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.4 UJ	<0.34 U	<0.777 U	<20.2 U	<0.777 U	<109 U	<0.42 U	<0.75 UJ	<0.44 U	<3.5 U	<0.37 U	<7.1 U	<0.4 U	<8.2 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	<0.32 U	<0.27 U	<0.623 U	<16.2 U	<0.623 U	88.8	<0.34 U	<0.6 U	<0.35 U	5.1 D	<0.3 U	<5.7 U	<0.32 U	<6.6 U
Carbon Tetrachloride	56-23-5	NS	ug/m3	0.547	0.45 D	0.44 D	0.541	<3.28 U	0.566	<17.7 U	0.41 D	<0.3 U	0.42 D	<1.4 U	0.42 D	<2.9 U	0.39 D	<3.3 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<0.47 U	<0.4 U	<0.921 U	<24 U	<0.921 U	<129 U	<0.5 U	<0.89 U	<0.52 U	<4.2 U	<0.44 U	<8.4 U	<0.47 U	<9.7 U
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<0.27 UJ	<0.23 U	<0.528 U	<13.7 U	<0.528 U	<74.2 U	<0.29 U	<0.51 UJ	<0.3 U	<2.4 U	<0.25 U	<4.8 U	<0.27 U	<5.6 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<0.5 U	<0.42 U	<0.977 U	<25.4 U	<0.977 U	<137 U	<0.53 U	<0.94 U	<0.55 U	<4.5 U	<0.47 U	<8.9 U	<0.5 U	<10 U
Chloromethane	74-87-3	NS	ug/m3	1.23	1.1 D	1.3 J	1.38	<10.8 U	1.4	<58 U	1.3 D	<0.4 U	1.2 D	<1.9 U	1.2 D	<3.8 U	1.2 D	<4.4 U
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.079 U	<0.1 U	<0.086 U	<0.079 U	<2.07 U	<0.079 U	<11.1 U	<0.11 U	<0.19 U	<0.11 U	<0.9 U	<0.095 U	9.4 D	0.89 D	<2.1 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.47 U	<0.39 U	<0.908 U	<23.7 U	<0.908 U	<128 U	<0.49 U	<0.88 U	<0.51 U	<4.1 U	<0.44 U	<8.3 U	<0.47 U	<9.6 U
Cyclohexane	110-82-7	NS	ug/m3	3.68	0.42 D	<0.3 U	4.03	3290	12.2	1480	74 D	<0.66 U	1.5 D	4.4 D	6.6 D	7.5 D	36 D	53 D
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<0.88 U	<0.74 U	<1.7 U	<44.4 U	<1.7 U	<239 U	<0.92 U	<1.6 U	<0.96 U	<7.8 U	<0.82 U	<16 U	<0.87 U	420 D
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.5	2.1 D	2.1 D	3.08	<25.8 U	3.11	<139 U	2.2 D	2.2 D	2.1 D	<4.5 U	2.1 D	<9 U	2.2 D	<10 U
Ethanol	64-17-5	NS	ug/m3	30.3	NA	NA	318	<245 U	119	<1320 U	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	7.6 D	4.9 D	<1.8 U	<46.8 U	<1.8 U	<253 U	12 D	8.3 D	22 D	<6.6 U	3.8 D	33 D	5.8 D	<15 U
Ethylbenzene	100-41-4	NS	ug/m3	2.53	0.58 D	<0.38 U	3.54	<22.6 U	7.51	123	47 D	<0.84 U	1.6 D	80 D	4.8 D	640 D	19 D	630 D
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<1.1 U	<0.93 U	<2.13 U	<55.6 U	<2.13 U	<300 U	<1.2 U	<2.1 U	<1.2 U	<9.7 U	<1 U	<19 U	<1.1 U	<22 U
Isopropanol	67-63-0	NS	ug/m3	3.29	3.9 J	2.9 J	12.5	<32 U	10.9	<173 U	4.7 J	4.1 J	4.4 D	23 D	5.2 D	78 D	5.2 J	38 D
M,P-Xylene	179601-23-1	NS	ug/m3	7.12	2.1 D	0.79 D	11	<45.2 U	21	439	170 D	2.1 D	5.7 D	240 D	18 D	1100 D	74 D	990 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	2.0 D	1.1 D	2.16	<38.3 U	2.36	<207 U	1.5 D	<0.57 U	1.5 D	180 D	1.3 D	470 D	1.9 D	160 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	0.46 D	<0.36 U	<2.05 U	<53.3 U	<2.05 U	<288 U	<0.44 U	<0.79 U	<0.46 U	12 D	<0.39 U	25 D	9.6 D	25 D
Methyl Methacrylate	80-62-6	NS	ug/m3	NA	<0.42 U	0.82 D	NA	NA	NA	NA	<0.44 U	<0.79 U	<0.46 U	<3.7 U	<0.39 U	<7.5 U	<0.42 U	<8.6 U
Methylene Chloride	75-09-2	60	ug/m3	<1.74 U	<2.1 U	0.78 JD	2.32	<45.2 U	<1.74 U	<244 U	<2.3 U	<4 U	<2.3 U	<19 U	0.70 JD	<38 U	1.2 JD	<44 U
Naphthalene	91-20-3	NS	ug/m3	NA	<1.1 U	<0.91 U	NA	NA	NA	NA	1.9 D	<2 U	<1.2 U	15 D	<1 U	<19 U	<1.1 U	<22 U
n-Heptane	142-82-5	NS	ug/m3	5.12	0.72 D	<0.36 U	5.25	42.2	15.8	<115 U	66 D	<0.79 U	1.8 D	12 D	6.5 D	10 D	26 D	37 D
n-Hexane	110-54-3	NS	ug/m3	5.04	1.7 D	0.37 D	6.1	68.4	16.3	<99 U	79 D	<0.68 U	2.1 D	10 D	7.4 D	9.0 D	40 D	60 D
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	2.94	0.71 D	<0.38 U	4.29	<22.6 U	8.43	<122 U	74 D	1.0 D	2.4 D	110 D	7.4 D	440 D	30 D	410 D
Propylene	115-07-1	NS	ug/m3	NA	0.73 J	0.51 D	NA	NA	NA	NA	1.6 D	<0.33 UJ	<0.19 U	11 D	<0.17 U	9.1 D	1.6 D	6.2 D
Styrene	100-42-5	NS	ug/m3	<0.852 U	<0.44 U	<0.37 U	<0.852 U	<22.2 U	<0.852 U	203	2.2 D	<0.82 U	<0.48 U	23 D	<0.41 U	61 D	0.96 D	80 D
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	NA	NA	<1.52 U	<39.4 U	<1.52 U	<213 U	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<0.37 U	<0.31 U	<0.721 U	<18.8 U	<0.721 U	<101 U	<0.39 U	<0.7 U	<0.41 U	<3.3 U	<0.35 U	<6.6 U	<0.37 U	<7.6 U
Tetrachloroethene (PCE)	127-18-4	30	ug/m3	0.353	<0.7 U	<0.59 U	2.58	<3.53 U	1.17	<19.1 U	2.9 D	12 D	<0.76 U	470 D	<0.65 U	490 D	1.7 D	580 D
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	0.88 D	<0.51 U	<1.47 U	<38.3 U	<1.47 U	<207 U	<0.64 U	<1.1 U	<0.66 U	<5.4 U	<0.57 U	<11 U	10 D	19 D
Toluene	108-88-3	NS	ug/m3	6.14	3.6 D	0.95 D	8.18	<19.6 U	18	319	79 D	1.4 D	4.5 D	170 D	9.7 D	1600 D	35 D	1300 D
Total Xylenes	1330-20-7	NS	ug/m3	10.1	2.8 D	<1.1 U	15.3	<22.6 U	29.4	439	250 D	3.1 D	8.1 D	350 D	25 D	1500 D	100 D	1400 D
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.41 U	<0.34 U	<0.793 U	<20.7 U	<0.793 U	<111 U	<0.43 U	<0.77 U	<0.45 U	<3.6 U	<0.38 U	<7.2 U	<0.41 U	<8.4 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.47 U	<0.39 U	<0.908 U	<23.7 U	<0.908 U	<128 U	<0.49 U	<0.88 U	<0.51 U	<4.1 U	<0.44 U	<8.3 U	<0.47 U	<9.6 U
Trichloroethene (TCE)	79-01-6	2	ug/m3	<0.107 U	<0.14 U	<0.12 U	<0.107 U	<2.8 U	<0.107 U	<15.1 U	<0.15 U	<0.26 U	<0.15 U	<1.2 U	<0.13 U	<2.5 U	<0.14 U	<2.8 U
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.24	1.2 D	1.1 D	1.61	<29.3 U	1.6	<158 U	1.2 D	1.2 D	1.1 D	<5.1 U	1.1 D	<10 U	1.2 D	<12 U
Vinyl Acetate	108-05-4	NS	ug/m3	NA	<0.36 UJ	<0.31 U	NA	NA	NA	NA	<0.38 UJ	<0.68 UJ	<0.4 UJ	<3.2 UJ	<0.34 UJ	<6.4 UJ	<0.36 UJ	<7.4 UJ
Vinyl Chloride	75-01-4	NS	ug/m3	<0.051 U	<0.13 U	<0.11 U	<0.051 U	<1.33 U	<0.051 U	<7.18 U	<0.14 U	<0.25 U	<0.14 U	<1.2 U	<0.12 U	<2.3 U	<0.13 U	<2.7 U

Table 6
Remedial Investigation Report
Sub-Slab Soil Vapor and Indoor Air Sample Analytical Results

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

Notes:

AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
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).
Ambient air sample analytical results are shown for reference only.

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.

Exceedance Summary:

10 - Result exceeds NYSDOH AGVs

Table 6
Remedial Investigation Report
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Analyte	CAS Number	NYSDOH Decision Matrix (IA)		NYSDOH Decision Matrix (SSV)		Location	AA01			IA04_SV04		IA05_SV05		IA18	SS07	IA19_SS19		IA20_SS20		IA21_SS21	
						Sample Name	AA01_100722	AA01_031125	AA01_032925	IA04_100722	SV04_100722	IA05_100722	SV05_100722	IA18_031125	SS07_031125	IA19_031125	SS19_031125	IA20_031125	SS20_031125	IA21_031125	SS21_031125
						Sample Date	10/07/2022	03/11/2025	03/29/2025	10/07/2022	10/07/2022	10/07/2022	10/07/2022	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025	03/11/2025
						Sample Type	AA	AA	AA	IA	SSV	IA	SSV	IA	SSV	IA	SSV	IA	SSV	IA	SSV
						Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1-Trichloroethane	71-55-6	3	10	100	1000	ug/m3	<0.109	<0.56	<0.47	<0.109	<2.84	<0.109	<15.3	<0.59	<1.1	<0.61	<5	<0.52	<10	<0.56	<12
1,1-Dichloroethene	75-35-4	0.2	1	6	60	ug/m3	<0.079	<0.1	<0.086	<0.079	<2.07	<0.079	<11.1	<0.11	<0.19	<0.11	<0.9	<0.095	<1.8	<0.1	<2.1
1,2,4-Trimethylbenzene	95-63-6	2	10	60	600	ug/m3	3.29	0.61	<0.43	5.6	<25.6	9.29	<138	70	7.4	2.4	32	6.7	41	29	61
1,3,5-Trimethylbenzene (Mesitylene	108-67-8	2	10	60	600	ug/m3	<0.983	<0.51	<0.43	1.57	<25.6	2.42	<138	23	2.2	0.72	20	2	30	9.4	40
2,2,4-Trimethylpentane	540-84-1	2	10	60	600	ug/m3	<0.934	1.2	0.36	<0.934	<24.3	<0.934	<131	<0.25	<0.45	0.63	25	0.81	<4.3	1.4	<4.9
Benzene	71-43-2	2	10	60	600	ug/m3	1.79	0.95	0.53	2.25	21.5	**5.02**	**428**	24	<0.62	1.2	19	2.8	<5.8	**9.3**	150
Carbon Tetrachloride	56-23-5	0.2	1	6	60	ug/m3	0.547	0.45	0.44	0.541	<3.28	0.566	<17.7	0.41	<0.3	0.42	<1.4	0.42	<2.9	0.39	<3.3
Cis-1,2-Dichloroethene	156-59-2	0.2	1	6	60	ug/m3	<0.079	<0.1	<0.086	<0.079	<2.07	<0.079	<11.1	<0.11	<0.19	<0.11	<0.9	<0.095	9.4	0.89	<2.1
Cyclohexane	110-82-7	2	10	60	600	ug/m3	3.68	0.42	<0.3	4.03	3290	12.2	1480	74	<0.66	1.5	4.4	6.6	7.5	36	53
Ethylbenzene	100-41-4	2	10	60	600	ug/m3	2.53	0.58	<0.38	3.54	<22.6	**7.51**	**123**	47	<0.84	1.6	80	4.8	640	19	630
M,P-Xylene	179601-23-1	6	20	200	2000	ug/m3	7.12	2.1	0.79	11	<45.2	21	439	170	2.1	5.7	240	**18**	1100	74	990
Methylene Chloride	75-09-2	3	10	100	1000	ug/m3	<1.74	<2.1	0.78	2.32	<45.2	<1.74	<244	<2.3	<4	<2.3	<19	0.7	<38	1.2	<44
Naphthalene	91-20-3	2	10	60	600	ug/m3	NA	<1.1	<0.91	NA	NA	NA	NA	1.9	<2	<1.2	15	<1	<19	<1.1	<22
n-Heptane	142-82-5	6	20	200	2000	ug/m3	5.12	0.72	<0.36	5.25	42.2	15.8	<115	66	<0.79	1.8	12	6.5	10	26	37
n-Hexane	110-54-3	6	20	200	2000	ug/m3	5.04	1.7	0.37	6.1	68.4	16.3	<99	79	<0.68	2.1	10	7.4	9	40	60
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2	10	60	600	ug/m3	2.94	0.71	<0.38	4.29	<22.6	8.43	<122	74	1	**2.4**	110	**7.4**	440	30	410
Tetrachloroethene (PCE)	127-18-4	3	10	100	1000	ug/m3	0.353	<0.7	<0.59	2.58	<3.53	1.17	<19.1	2.9	12	<0.76	470	<0.65	490	1.7	580
Toluene	108-88-3	10	50	300	3000	ug/m3	6.14	3.6	0.95	8.18	<19.6	**18**	**319**	79	1.4	4.5	170	9.7	1600	**35**	1300
Trichloroethene (TCE)	79-01-6	0.2	1	6	60	ug/m3	<0.107	<0.14	<0.12	<0.107	<2.8	<0.107	<15.1	<0.15	<0.26	<0.15	<1.2	<0.13	<2.5	<0.14	<2.8
Vinyl Chloride	75-01-4	0	0.2	6	60	ug/m3	<0.051	<0.13	<0.11	<0.051	<1.33	<0.051	<7.18	<0.14	<0.25	<0.14	<1.2	<0.12	<2.3	<0.13	<2.7

Notes:
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Ambient air sample analytical results are shown for reference only.

Exceedance Summary:
10 - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation is recommended

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	TB	FB	FB	TB
		Sample Name	FB01_100622	TB01_100622	FB02_100722	TB02_100722	TB04_100722	GWFB01_031825	GWFB03_040425	GWTB01_040425
		Sample Date	10/06/2022	10/06/2022	10/07/2022	10/07/2022	10/07/2022	03/18/2025	04/03/2025	04/03/2025
		Unit	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,1,1-Trichloroethane	71-55-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l	NA	NA	NA	NA	NA	NA	NA	<0.5 U
1,1,2-Trichloroethane	79-00-5	ug/l	<1.5 U	<1.5 U	<1.5 U	<1.5 U	<1.5 U	NA	NA	<0.5 U
1,1-Dichloroethane	75-34-3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,1-Dichloroethene	75-35-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
1,1-Dichloropropene	563-58-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2,3-Trichloropropane	96-18-4	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<0.5 U
1,2-Dichlorobenzene	95-50-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,2-Dichloroethane	107-06-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
1,2-Dichloropropane	78-87-5	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	NA	NA	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,3-Dichlorobenzene	541-73-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,3-Dichloropropane	142-28-9	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
1,4-Diethyl Benzene	105-05-5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l	NA	<250 U	NA	<250 U	<250 U	NA	NA	<80 U
2,2-Dichloropropane	594-20-7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
2-Hexanone (MBK)	591-78-6	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
2-Methyl-2-Butanol	75-85-4	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
4-Ethyltoluene	622-96-8	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA
Acetone	67-64-1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<2 U
Acrolein	107-02-8	ug/l	NA	NA	NA	NA	NA	NA	NA	<0.5 U
Acrylonitrile	107-13-1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Allyl Chloride (3-Chloropropene)	107-05-1	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Bromobenzene	108-86-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
Bromochloromethane	74-97-5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Bromodichloromethane	75-27-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Bromoform	75-25-2	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	<0.5 U
Bromomethane	74-83-9	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Butane, 2-Methoxy-2-Methyl	994-05-8	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Carbon Tetrachloride	56-23-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Chlorobenzene	108-90-7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Chloroethane	75-00-3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Chloroform	67-66-3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Chloromethane	74-87-3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Cyclohexane	110-82-7	ug/l	NA	NA	NA	NA	NA	NA	NA	<0.5 U
Cymene	99-87-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Dibromochloromethane	124-48-1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Dibromomethane	74-95-3	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Dichlorodifluoromethane	75-71-8	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
Ethyl Tert-Butyl Ether	637-92-3	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Hexachlorobutadiene	87-68-3	ug/l	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA	NA	<0.5 U
Iodomethane (Methyl Iodide)	74-88-4	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Isopropyl Ether	108-20-3	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
M,P-Xylene	179601-23-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<1 U
Methyl Acetate	79-20-9	ug/l	NA	NA	NA	NA	NA	NA	NA	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	<0.5 U
Methyl Methacrylate	80-62-6	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	108-87-2	ug/l	NA	NA	NA	NA	NA	NA	NA	<0.5 U
Methylene Chloride	75-09-2	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<2 U
Naphthalene	91-20-3	ug/l	NA	<2.5 U	NA	<2.5 U	<2.5 U	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
n-Propylbenzene	103-65-1	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Sec-Butylbenzene	135-98-8	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Styrene	100-42-5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
T-Butylbenzene	98-06-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Tert-Butyl Alcohol	75-65-0	ug/l	NA	NA	NA	NA	NA	NA	NA	<1 U
Tert-Butyl Methyl Ether	1634-04-4	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Tetrachloroethene (PCE)	127-18-4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Tetrahydrofuran	109-99-9	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
Total Xylenes	1330-20-7	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	NA
Trichloroethene (TCE)	79-01-6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	<0.5 U
Trichlorofluoromethane	75-69-4	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	NA	NA	<0.5 U
Vinyl Acetate	108-05-4	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U	NA	NA	<0.5 U

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	TB	FB	FB	TB
		Sample Name	FB01_100622	TB01_100622	FB02_100722	TB02_100722	TB04_100722	GWFB01_031825	GWFB03_040425	GWTB01_040425
		Sample Date	10/06/2022	10/06/2022	10/07/2022	10/07/2022	10/07/2022	03/18/2025	04/03/2025	04/03/2025
		Unit	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l	<0.15 U	NA	<0.147 U	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	<5 U	NA	1.8 J	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	<20 U	NA	<20 U	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	<0.2 U	NA	<0.2 U	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	<0.1 U	NA	0.03 J	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	ug/l	<5 U	NA	2.8 J	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Acetophenone	98-86-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Atrazine	1912-24-9	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	ug/l	0.04 J	NA	0.04 J	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Benzo(g,h,i)Perylene	191-24-2	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Benzoic Acid	65-85-0	ug/l	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	ug/l	<3 U	NA	<3 U	NA	NA	NA	NA	NA
Caprolactam	105-60-2	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Chrysene	218-01-9	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Dioctyl phthalate	117-84-0	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Diphenylamine	122-39-4	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Fluorene	86-73-7	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	<0.8 U	NA	<0.8 U	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	<0.5 U	NA	<0.5 U	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	<20 U	NA	<20 U	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	ug/l	<0.8 U	NA	<0.8 U	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Isophorone	78-59-1	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/l	0.09 J	NA	<0.1 U	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	<0.8 U	NA	<0.8 U	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Phenol	108-95-2	ug/l	<5 U	NA	<5 U	NA	NA	NA	NA	NA
Pyrene	129-00-0	ug/l	<0.1 U	NA	<0.1 U	NA	NA	NA	NA	NA
Pyridine	110-86-1	ug/l	NA	NA	NA	NA	NA	NA	NA	NA

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	TB	FB	FB	TB
		Sample Name	FB01_100622	TB01_100622	FB02_100722	TB02_100722	TB04_100722	GWFB01_031825	GWFB03_040425	GWTB01_040425
		Sample Date	10/06/2022	10/06/2022	10/07/2022	10/07/2022	10/07/2022	03/18/2025	04/03/2025	04/03/2025
		Unit	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides										
4,4'-DDD	72-54-8	ug/l	0.005 J	NA	<0.029 U	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	ug/l	0.010 J	NA	<0.029 U	NA	NA	NA	NA	NA
Aldrin	309-00-2	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Alpha Chlordane	5103-71-9	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	ug/l	<0.143 U	NA	<0.143 U	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Dieldrin	60-57-1	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Endrin	72-20-8	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	ug/l	<0.029 U	NA	<0.029 U	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Gamma Chlordane (Trans)	5103-74-2	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	ug/l	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	<0.014 U	NA	<0.014 U	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	ug/l	<0.143 U	NA	<0.143 U	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	ug/l	<0.143 U	NA	<0.143 U	NA	NA	NA	NA	NA
Herbicides										
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
Silvex (2,4,5-Tp)	93-72-1	ug/l	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyl										
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	ug/l	<0.071 U	NA	<0.071 U	NA	NA	NA	NA	NA
Metals - Dissolved										
Aluminum	7429-90-5	ug/l	NA	NA	<10 U	NA	NA	NA	NA	NA
Antimony	7440-36-0	ug/l	NA	NA	<4 U	NA	NA	NA	NA	NA
Arsenic	7440-38-2	ug/l	NA	NA	<0.5 U	NA	NA	NA	NA	NA
Barium	7440-39-3	ug/l	NA	NA	0.46 J	NA	NA	NA	NA	NA
Beryllium	7440-41-7	ug/l	NA	NA	<0.5 U	NA	NA	NA	NA	NA
Cadmium	7440-43-9	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA
Calcium	7440-70-2	ug/l	NA	NA	69.2 J	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	ug/l	NA	NA	0.21 J	NA	NA	NA	NA	NA
Cobalt	7440-48-4	ug/l	NA	NA	<0.5 U	NA	NA	NA	NA	NA
Copper	7440-50-8	ug/l	NA	NA	0.44 J	NA	NA	NA	NA	NA
Iron	7439-89-6	ug/l	NA	NA	<50 U	NA	NA	NA	NA	NA
Lead	7439-92-1	ug/l	NA	NA	<1 U	NA	NA	NA	NA	NA
Magnesium	7439-95-4	ug/l	NA	NA	<70 U	NA	NA	NA	NA	NA
Manganese	7439-96-5	ug/l	NA	NA	<1 U	NA	NA	NA	NA	NA
Mercury	7439-97-6	ug/l	NA	NA	<0.2 U	NA	NA	NA	NA	NA
Nickel	7440-02-0	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA
Potassium	7440-09-7	ug/l	NA	NA	<100 U	NA	NA	NA	NA	NA
Selenium	7782-49-2	ug/l	NA	NA	<5 U	NA	NA	NA	NA	NA
Silver	7440-22-4	ug/l	NA	NA	<0.4 U	NA	NA	NA	NA	NA
Sodium	7440-23-5	ug/l	NA	NA	292	NA	NA	NA	NA	NA
Thallium	7440-28-0	ug/l	NA	NA	<2 U	NA	NA	NA	NA	NA
Vanadium	7440-62-2	ug/l	NA	NA	<5 U	NA	NA	NA	NA	NA
Zinc	7440-66-6	ug/l	NA	NA	<10 U	NA	NA	NA	NA	NA
Metals - Total										
Aluminum	7429-90-5	ug/l	<100 U	NA	<10 U	NA	NA	NA	NA	NA
Antimony	7440-36-0	ug/l	<50 U	NA	<4 U	NA	NA	NA	NA	NA
Arsenic	7440-38-2	ug/l	<5 U	NA	<0.5 U	NA	NA	NA	NA	NA
Barium	7440-39-3	ug/l	<10 U	NA	0.25 J	NA	NA	NA	NA	NA
Beryllium	7440-41-7	ug/l	<5 U	NA	<0.5 U	NA	NA	NA	NA	NA
Cadmium	7440-43-9	ug/l	<5 U	NA	<0.2 U	NA	NA	NA	NA	NA
Calcium	7440-70-2	ug/l	<100 U	NA	<100 U	NA	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	ug/l	<10 U	NA	<1 U	NA	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	ug/l	<10 U	NA	<10 U	NA	NA	NA	NA	NA
Cobalt	7440-48-4	ug/l	<20 U	NA	<0.5 U	NA	NA	NA	NA	NA
Copper	7440-50-8	ug/l	<10 U	NA	<1 U	NA	NA	NA	NA	NA
Cyanide	57-12-5	ug/l	<5 U	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	ug/l	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Lead	7439-92-1	ug/l	<10 U	NA	<1 U	NA	NA	NA	NA	NA
Magnesium	7439-95-4	ug/l	<100 U	NA	<70 U	NA	NA	NA	NA	NA
Manganese	7439-96-5	ug/l	<10 U	NA	<1 U	NA	NA	NA	NA	NA
Mercury	7439-97-6	ug/l	0.09 J	NA	<0.2 U	NA	NA	NA	NA	NA
Nickel	7440-02-0	ug/l	<25 U	NA	<2 U	NA	NA	NA	NA	NA
Potassium	7440-09-7	ug/l	<2500 U	NA	<100 U	NA	NA	NA	NA	NA
Selenium	7782-49-2	ug/l	<10 U	NA	<5 U	NA	NA	NA	NA	NA
Silver	7440-22-4	ug/l	<7 U	NA	<0.4 U	NA	NA	NA	NA	NA
Sodium	7440-23-5	ug/l	<2000 U	NA	<100 U	NA	NA	NA	NA	NA
Thallium	7440-28-0	ug/l	<20 U	NA	<1 U	NA	NA	NA	NA	NA
Vanadium	7440-62-2	ug/l	<10 U	NA	<5 U	NA	NA	NA	NA	NA
Zinc	7440-66-6	ug/l	<50 U	NA	<10 U	NA	NA	NA	NA	NA

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	TB	FB	TB	TB	FB	FB	TB
		Sample Name	FB01_100622	TB01_100622	FB02_100722	TB02_100722	TB04_100722	GWFB01_031825	GWFB03_040425	GWTB01_040425
		Sample Date	10/06/2022	10/06/2022	10/07/2022	10/07/2022	10/07/2022	03/18/2025	04/03/2025	04/03/2025
		Unit	Result	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ug/l	NA	NA	NA	NA	NA	<0.00702 U	<0.0072 U	NA
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00713 U	<0.00731 U	NA
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	ug/l	NA	NA	NA	NA	NA	<0.00697 U	<0.00714 U	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00706 U	<0.00724 U	NA
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	ug/l	NA	NA	NA	NA	NA	<0.0232 U	<0.0238 U	NA
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	ug/l	NA	NA	NA	NA	NA	<0.0232 U	<0.0238 U	NA
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	ug/l	NA	NA	NA	NA	NA	<0.00465 U	<0.00476 U	NA
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	ug/l	NA	NA	NA	NA	NA	<0.00702 U	<0.0072 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ug/l	NA	NA	NA	NA	NA	<0.00695 U	<0.00712 U	NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	ug/l	NA	NA	NA	NA	NA	<0.00743 U	<0.00762 U	NA
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	ug/l	NA	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	ug/l	NA	NA	NA	NA	NA	<0.0186 U	<0.019 U	NA
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	ug/l	NA	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	ug/l	NA	NA	NA	NA	NA	<0.0186 U	<0.019 U	NA
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	ug/l	NA	NA	NA	NA	NA	<0.00372 U	<0.00381 U	NA
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	ug/l	NA	NA	NA	NA	NA	<0.00331 U	<0.00339 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/l	NA	NA	NA	NA	NA	<0.00372 U	<0.00381 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/l	NA	NA	NA	NA	NA	<0.00372 U	<0.00381 U	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00164 U	<0.00169 U	NA
Perfluorobutanoic acid (PFBA)	375-22-4	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00743 U	<0.00762 U	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00179 U	<0.00184 U	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	ug/l	NA	NA	NA	NA	NA	<0.0018 U	<0.00185 U	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00177 U	<0.00182 U	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/l	<0.00182 U	NA	NA	NA	NA	<0.0017 U	<0.00174 U	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ug/l	NA	NA	NA	NA	NA	<0.00178 U	<0.00183 U	NA
Perfluorononanoic Acid (PFNA)	375-95-1	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00173 U	<0.00177 U	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ug/l	NA	NA	NA	NA	NA	<0.00175 U	<0.00179 U	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00372 U	<0.00381 U	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	ug/l	<0.00182 U	NA	NA	NA	NA	<0.00186 U	<0.0019 U	NA
Total PFOA and PFOS	TOTPFOAPFOS	ug/l	<0.00182 U	NA	NA	NA	NA	NA	NA	NA

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	FB	TB	TB	FB	FB	TB
		Sample Name	SOFB01_040425	GWFB04_041125	GWTB03_041425	TB02_041125	GWFB02_041425	GWFB05_041525	GWTB04_041525
		Sample Date	04/04/2025	04/11/2025	04/11/2025	04/11/2025	04/14/2025	04/15/2025	04/15/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,1-Trichloroethane	71-55-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1,2-Trichloroethane	79-00-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloroethane	75-34-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloroethene	75-35-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,1-Dichloropropene	563-58-6	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,3-Trichloropropane	96-18-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichlorobenzene	95-50-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichloroethane	107-06-2	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,2-Dichloropropane	78-87-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3-Dichlorobenzene	541-73-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,3-Dichloropropane	142-28-9	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
1,4-Diethyl Benzene	105-05-5	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l	NA	NA	<80 U	<80 U	NA	NA	<80 U
2,2-Dichloropropane	594-20-7	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
2-Hexanone (MBK)	591-78-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
2-Methyl-2-Butanol	75-85-4	ug/l	NA	NA	NA	<8 U	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
4-Ethyltoluene	622-96-8	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Acetone	67-64-1	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Acrolein	107-02-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Acrylonitrile	107-13-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Allyl Chloride (3-Chloropropene)	107-05-1	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Benzene	71-43-2	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromobenzene	108-86-1	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Bromochloromethane	74-97-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromodichloromethane	75-27-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromoform	75-25-2	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Bromomethane	74-83-9	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Butane, 2-Methoxy-2-Methyl	994-05-8	ug/l	NA	NA	NA	<0.8 U	NA	NA	NA
Carbon Disulfide	75-15-0	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Carbon Tetrachloride	56-23-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chlorobenzene	108-90-7	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chloroethane	75-00-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chloroform	67-66-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Chloromethane	74-87-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cyclohexane	110-82-7	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Cymene	99-87-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dibromochloromethane	124-48-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dibromomethane	74-95-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Dichlorodifluoromethane	75-71-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Diethyl Ether (Ethyl Ether)	60-29-7	ug/l	NA	NA	NA	NA	NA	NA	NA
Ethyl Tert-Butyl Ether	637-92-3	ug/l	NA	NA	NA	<0.8 U	NA	NA	NA
Ethylbenzene	100-41-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Hexachlorobutadiene	87-68-3	ug/l	NA	NA	<0.5 U	<0.5 U	NA	NA	<0.5 U
Iodomethane (Methyl Iodide)	74-88-4	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Isopropyl Ether	108-20-3	ug/l	NA	NA	NA	<0.8 U	NA	NA	NA
Isopropylbenzene (Cumene)	98-82-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
M,P-Xylene	179601-23-1	ug/l	<1 U	NA	<1 U	<1 U	<1 U	NA	<1 U
Methyl Acetate	79-20-9	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methyl Methacrylate	80-62-6	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Methylcyclohexane	108-87-2	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Methylene Chloride	75-09-2	ug/l	<2 U	NA	<2 U	<2 U	<2 U	NA	<2 U
Naphthalene	91-20-3	ug/l	NA	NA	NA	<2 U	NA	NA	NA
n-Butylbenzene	104-51-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
n-Propylbenzene	103-65-1	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Sec-Butylbenzene	135-98-8	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Styrene	100-42-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
T-Butylbenzene	98-06-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Tert-Butyl Alcohol	75-65-0	ug/l	<1 U	NA	<1 U	<1 U	<1 U	NA	<1 U
Tert-Butyl Methyl Ether	1634-04-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Tetrachloroethene (PCE)	127-18-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Tetrahydrofuran	109-99-9	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Toluene	108-88-3	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	ug/l	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1330-20-7	ug/l	<1.5 U	NA	<1.5 U	<1.5 U	<1.5 U	NA	<1.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	ug/l	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Trichloroethene (TCE)	79-01-6	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Trichlorofluoromethane	75-69-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U
Vinyl Acetate	108-05-4	ug/l	NA	NA	NA	<0.5 U	NA	NA	NA
Vinyl Chloride	75-01-4	ug/l	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	NA	<0.5 U

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	FB	TB	TB	FB	FB	TB
		Sample Name	SOFB01_040425	GWFB04_041125	GWTB03_041425	TB02_041125	GWFB02_041425	GWFB05_041525	GWTB04_041525
		Sample Date	04/04/2025	04/11/2025	04/11/2025	04/11/2025	04/14/2025	04/15/2025	04/15/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l	<0.3 U	NA	NA	NA	<0.3 U	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4-Dinitrophenol	51-28-5	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Chlorophenol	95-57-8	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Methylphenol (o-Cresol)	95-48-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Nitroaniline	88-74-4	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
2-Nitrophenol	88-75-5	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
3,3'-Dichlorobenzidine	91-94-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
3-Nitroaniline	99-09-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Chloro-3-Methylphenol	59-50-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Chloroaniline	106-47-8	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Nitroaniline	100-01-6	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
4-Nitrophenol	100-02-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Acenaphthene	83-32-9	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Acenaphthylene	208-96-8	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Acetophenone	98-86-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Anthracene	120-12-7	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Atrazine	1912-24-9	ug/l	<0.5 U	NA	NA	NA	<0.541 U	NA	NA
Benzaldehyde	100-52-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Benzidine	92-87-5	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Benzo(a)anthracene	56-55-3	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Benzo(a)pyrene	50-32-8	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Benzo(b)fluoranthene	205-99-2	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Benzo(g,h,i)Perylene	191-24-2	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Benzo(k)fluoranthene	207-08-9	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Benzoic Acid	65-85-0	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Benzyl Alcohol	100-51-6	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Benzyl Butyl Phthalate	85-68-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Biphenyl (Diphenyl)	92-52-4	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	ug/l	<0.5 U	NA	NA	NA	<0.541 U	NA	NA
Caprolactam	105-60-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Carbazole	86-74-8	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Chrysene	218-01-9	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Dibenzofuran	132-64-9	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Dibutyl phthalate	84-74-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Diethyl phthalate	84-66-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Dimethyl phthalate	131-11-3	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Dioctyl phthalate	117-84-0	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Diphenylamine	122-39-4	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Fluoranthene	206-44-0	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Fluorene	86-73-7	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Hexachlorobenzene	118-74-1	ug/l	<0.02 U	NA	NA	NA	<0.0216 U	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	<0.5 U	NA	NA	NA	<0.541 U	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	<10 U	NA	NA	NA	<10.8 U	NA	NA
Hexachloroethane	67-72-1	ug/l	<0.5 U	NA	NA	NA	<0.541 U	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Isophorone	78-59-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Naphthalene	91-20-3	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Nitrobenzene	98-95-3	ug/l	<0.25 U	NA	NA	NA	<0.27 U	NA	NA
n-Nitrosodimethylamine	62-75-9	ug/l	<0.5 U	NA	NA	NA	<0.541 U	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
n-Nitrosodiphenylamine	86-30-6	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Pentachlorophenol	87-86-5	ug/l	<0.25 U	NA	NA	NA	<0.27 U	NA	NA
Phenanthrene	85-01-8	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Phenol	108-95-2	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA
Pyrene	129-00-0	ug/l	<0.05 U	NA	NA	NA	<0.0541 U	NA	NA
Pyridine	110-86-1	ug/l	<5 U	NA	NA	NA	<5.41 U	NA	NA

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	FB	TB	TB	FB	FB	TB
		Sample Name	SOFB01_040425	GWFB04_041125	GWTB03_041425	TB02_041125	GWFB02_041425	GWFB05_041525	GWTB04_041525
		Sample Date	04/04/2025	04/11/2025	04/11/2025	04/11/2025	04/14/2025	04/15/2025	04/15/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
4,4'-DDE	72-55-9	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
4,4'-DDT	50-29-3	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Aldrin	309-00-2	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Alpha Chlordane	5103-71-9	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Alpha Endosulfan	959-98-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Beta Endosulfan	33213-65-9	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Chlordane (alpha and gamma)	57-74-9	ug/l	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Dieldrin	60-57-1	ug/l	<0.002 U	NA	NA	NA	<0.002 U	NA	NA
Endosulfan Sulfate	1031-07-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Endrin	72-20-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Endrin Aldehyde	7421-93-4	ug/l	<0.01 U	NA	NA	NA	<0.01 U	NA	NA
Endrin Ketone	53494-70-5	ug/l	<0.01 U	NA	NA	NA	<0.01 U	NA	NA
Gamma Bhc (Lindane)	58-89-9	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Gamma Chlordane (Trans)	5103-74-2	ug/l	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	5566-34-7	ug/l	<0.01 U	NA	NA	NA	<0.01 U	NA	NA
Heptachlor	76-44-8	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Heptachlor Epoxide	1024-57-3	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Methoxychlor	72-43-5	ug/l	<0.004 U	NA	NA	NA	<0.004 U	NA	NA
Toxaphene	8001-35-2	ug/l	<0.1 U	NA	NA	NA	<0.1 U	NA	NA
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	ug/l	<5 U	NA	NA	NA	<5 U	NA	NA
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	ug/l	<5 U	NA	NA	NA	<5 U	NA	NA
Silvex (2,4,5-Tp)	93-72-1	ug/l	<5 U	NA	NA	NA	<5 U	NA	NA
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	ug/l	<0.05 U	NA	NA	NA	<0.05 U	NA	NA
Metals - Dissolved									
Aluminum	7429-90-5	ug/l	NA	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	ug/l	NA	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	ug/l	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	ug/l	NA	NA	NA	NA	NA	NA	NA
Beryllium	7440-41-7	ug/l	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	ug/l	NA	NA	NA	NA	NA	NA	NA
Calcium	7440-70-2	ug/l	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	ug/l	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	ug/l	NA	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	ug/l	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	ug/l	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	ug/l	NA	NA	NA	NA	NA	NA	NA
Magnesium	7439-95-4	ug/l	NA	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	ug/l	NA	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	ug/l	NA	NA	NA	NA	NA	NA	NA
Nickel	7440-02-0	ug/l	NA	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	ug/l	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	ug/l	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	ug/l	NA	NA	NA	NA	NA	NA	NA
Sodium	7440-23-5	ug/l	NA	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	ug/l	NA	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	ug/l	NA	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	ug/l	NA	NA	NA	NA	NA	NA	NA
Metals - Total									
Aluminum	7429-90-5	ug/l	<55.6 U	NA	NA	NA	76.2	NA	NA
Antimony	7440-36-0	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Arsenic	7440-38-2	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Barium	7440-39-3	ug/l	<27.8 U	NA	NA	NA	<27.8 U	NA	NA
Beryllium	7440-41-7	ug/l	<1.67 U	NA	NA	NA	<1.67 U	NA	NA
Cadmium	7440-43-9	ug/l	<2.78 U	NA	NA	NA	<2.78 U	NA	NA
Calcium	7440-70-2	ug/l	726	NA	NA	NA	392	NA	NA
Chromium, Hexavalent	18540-29-9	ug/l	<10 U	NA	NA	NA	<10 U	NA	NA
Chromium, Total	7440-47-3	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Chromium, Trivalent	16065-83-1	ug/l	<10 U	NA	NA	NA	<10 U	NA	NA
Cobalt	7440-48-4	ug/l	<4.44 U	NA	NA	NA	<4.44 U	NA	NA
Copper	7440-50-8	ug/l	<22.2 U	NA	NA	NA	<22.2 U	NA	NA
Cyanide	57-12-5	ug/l	<10 U	NA	NA	NA	<10 U	NA	NA
Iron	7439-89-6	ug/l	<278 U	NA	NA	NA	<278 U	NA	NA
Lead	7439-92-1	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Magnesium	7439-95-4	ug/l	<55.6 U	NA	NA	NA	61	NA	NA
Manganese	7439-96-5	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Mercury	7439-97-6	ug/l	<0.2 U	NA	NA	NA	<0.2 U	NA	NA
Nickel	7440-02-0	ug/l	<11.1 U	NA	NA	NA	<11.1 U	NA	NA
Potassium	7440-09-7	ug/l	<55.6 U	NA	NA	NA	104	NA	NA
Selenium	7782-49-2	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Silver	7440-22-4	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Sodium	7440-23-5	ug/l	<556 U	NA	NA	NA	<556 U	NA	NA
Thallium	7440-28-0	ug/l	<5.56 U	NA	NA	NA	<5.56 U	NA	NA
Vanadium	7440-62-2	ug/l	<11.1 U	NA	NA	NA	<11.1 U	NA	NA
Zinc	7440-66-6	ug/l	<27.8 U	NA	NA	NA	<27.8 U	NA	NA

Table 7
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results

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

Analyte	CAS Number	Sample Type	FB	FB	TB	TB	FB	FB	TB
		Sample Name	SOFB01_040425	GWFB04_041125	GWTB03_041425	TB02_041125	GWFB02_041425	GWFB05_041525	GWTB04_041525
		Sample Date	04/04/2025	04/11/2025	04/11/2025	04/11/2025	04/14/2025	04/15/2025	04/15/2025
		Unit	Result	Result	Result	Result	Result	Result	Result
Per- and Polyfluoroalkyl Substances									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ug/l	<0.00718 U	<0.00694 U	NA	NA	<0.00683 U	<0.0076 U	NA
1H,1H,2H,2H-Perfluorodecane Sulfonic Acid (8:2FTS)	39108-34-4	ug/l	<0.0073 U	<0.00705 U	NA	NA	<0.00694 U	<0.00772 U	NA
1H,1H,2H,2H-Perfluorohexane Sulfonic Acid (4:2 FTS)	757124-72-4	ug/l	<0.00713 U	<0.00689 U	NA	NA	<0.00678 U	<0.00754 U	NA
1H,1H,2H,2H-Perfluorooctane Sulfonic Acid (6:2 FTS)	27619-97-2	ug/l	<0.00722 U	<0.00698 U	NA	NA	<0.00687 U	<0.00764 U	NA
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	914637-49-3	ug/l	<0.0238 U	<0.023 U	NA	NA	<0.0226 U	<0.0251 U	NA
3-Perfluoroheptyl Propanoic Acid (7:3 FTCA)	812-70-4	ug/l	<0.0238 U	<0.023 U	NA	NA	<0.0226 U	<0.0251 U	NA
3-Perfluoropropyl Propanoic Acid (3:3 FTCA)	356-02-5	ug/l	<0.00475 U	<0.00459 U	NA	NA	<0.00452 U	<0.00502 U	NA
4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	919005-14-4	ug/l	<0.00718 U	<0.00694 U	NA	NA	<0.00683 U	<0.0076 U	NA
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ug/l	<0.00711 U	<0.00687 U	NA	NA	<0.00676 U	<0.00752 U	NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	ug/l	<0.0076 U	<0.00735 U	NA	NA	<0.00723 U	<0.00804 U	NA
N-ethyl Perfluorooctanesulfonamide (NEtFOSA)	4151-50-2	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
N-ethyl Perfluorooctanesulfonamidoethanol (NEtFOSE)	1691-99-2	ug/l	<0.019 U	<0.0184 U	NA	NA	<0.0181 U	<0.0201 U	NA
N-methyl Perfluorooctanesulfonamide (NMeFOSA)	31506-32-8	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
N-methyl Perfluorooctanesulfonamidoethanol (NMeFOSE)	24448-09-7	ug/l	<0.019 U	<0.0184 U	NA	NA	<0.0181 U	<0.0201 U	NA
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	151772-58-6	ug/l	<0.0038 U	<0.00367 U	NA	NA	<0.00361 U	<0.00402 U	NA
Perfluoro(2-ethoxyethane)sulfonic Acid (PFEESA)	113507-82-7	ug/l	<0.00338 U	<0.00327 U	NA	NA	<0.00322 U	<0.00358 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ug/l	<0.0038 U	<0.00367 U	NA	NA	<0.00361 U	<0.00402 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ug/l	<0.0038 U	<0.00367 U	NA	NA	<0.00361 U	<0.00402 U	NA
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	ug/l	<0.00168 U	<0.00163 U	NA	NA	<0.0016 U	<0.00178 U	NA
Perfluorobutanoic acid (PFBA)	375-22-4	ug/l	<0.0076 U	<0.00735 U	NA	NA	<0.00723 U	<0.00804 U	NA
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	ug/l	<0.00183 U	<0.00177 U	NA	NA	<0.00174 U	<0.00194 U	NA
Perfluorodecanoic Acid (PFDA)	335-76-2	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	ug/l	<0.00184 U	<0.00178 U	NA	NA	<0.00175 U	<0.00195 U	NA
Perfluorododecanoic Acid (PFDoA)	307-55-1	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	ug/l	<0.00181 U	<0.00175 U	NA	NA	<0.00173 U	<0.00192 U	NA
Perfluoroheptanoic acid (PFHpA)	375-85-9	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	ug/l	<0.00174 U	<0.00168 U	NA	NA	<0.00165 U	<0.00184 U	NA
Perfluorohexanoic Acid (PFHxA)	307-24-4	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ug/l	<0.00182 U	<0.00176 U	NA	NA	<0.00173 U	<0.00193 U	NA
Perfluorononanoic Acid (PFNA)	375-95-1	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorooctanesulfonamide (PFOSA)	754-91-6	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	ug/l	<0.00177 U	<0.00171 U	NA	NA	<0.00168 U	<0.00187 U	NA
Perfluorooctanoic Acid (PFOA)	335-67-1	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ug/l	<0.00179 U	<0.00173 U	NA	NA	<0.0017 U	<0.00189 U	NA
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ug/l	<0.0038 U	<0.00367 U	NA	NA	<0.00361 U	<0.00402 U	NA
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	ug/l	<0.0019 U	<0.00184 U	NA	NA	<0.00181 U	<0.00201 U	NA
Total PFOA and PFOS	TOTPFOAPFOS	ug/l	NA	NA	NA	NA	NA	NA	NA

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

Notes:

FB - Field Blank
TB - Trip Blank
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.