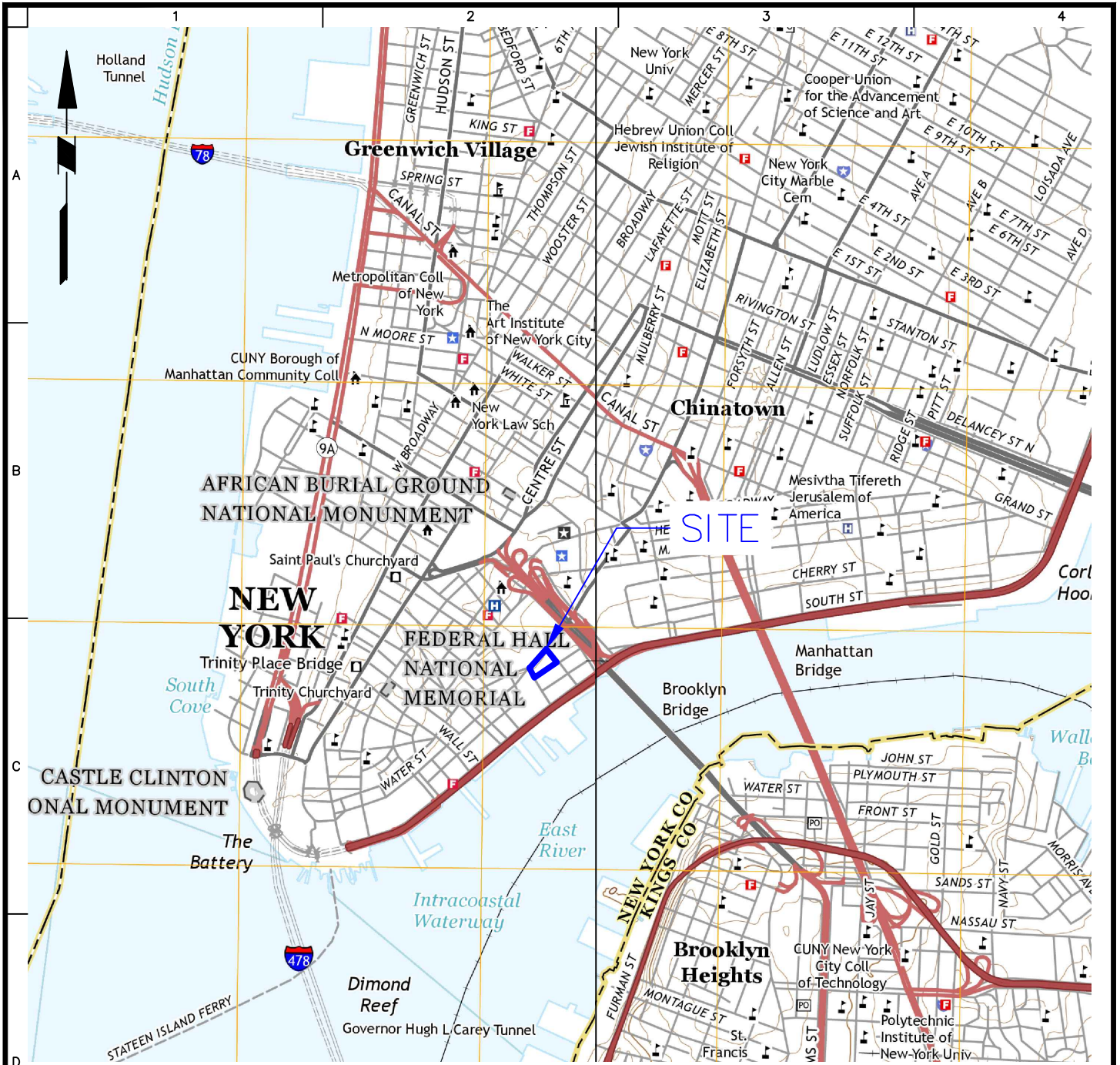
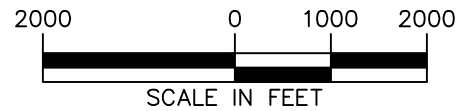


FIGURES



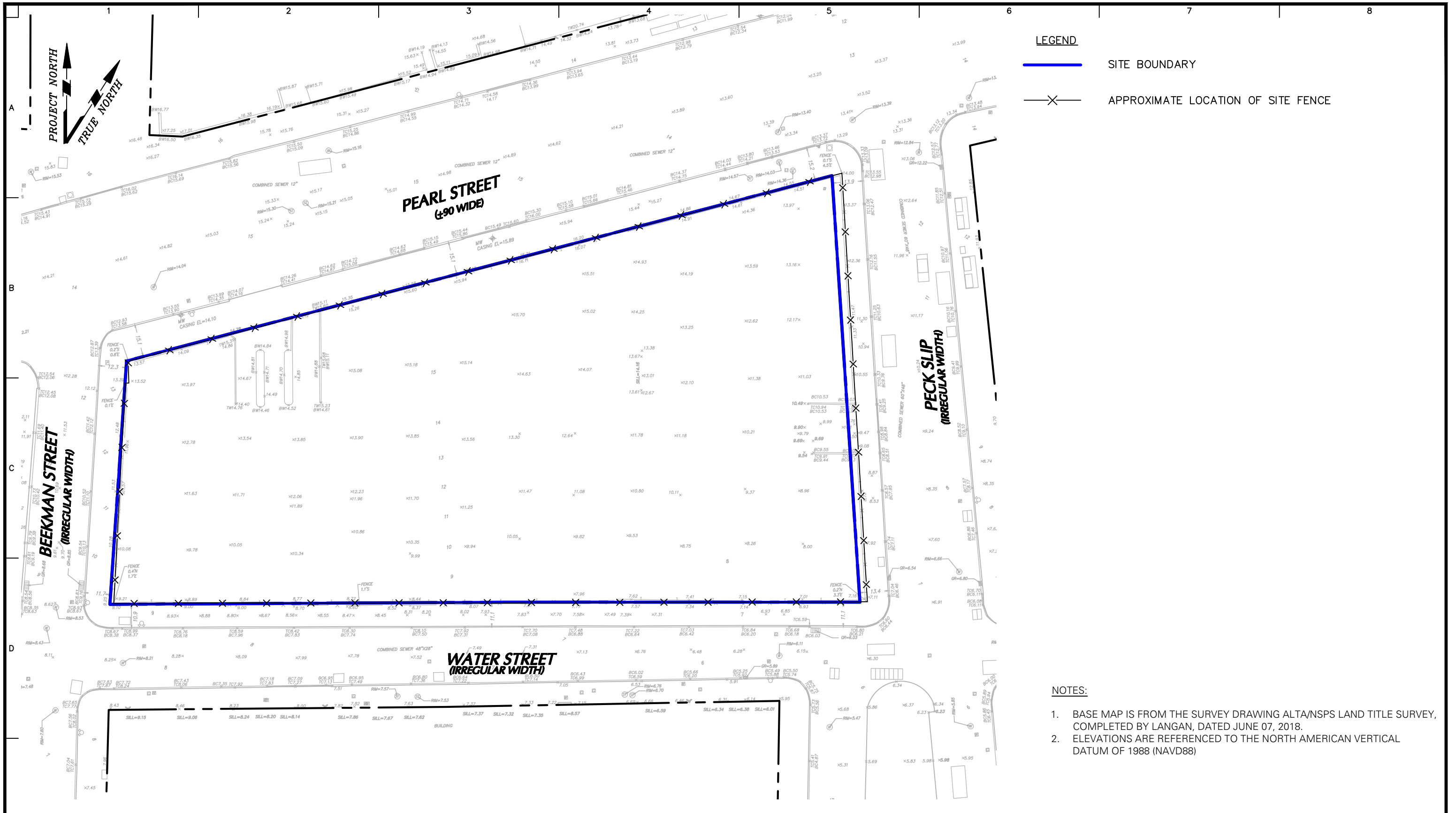
NOTES:

1. BASE MAP REFERENCE: USGS 7.5 MINUTE SERIES QUADRANGLE MAP OF JERSEY CITY, NJ, AND BROOKLYN, NY, DATED 2016



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			<p>Date</p> <p>12/23/2020</p>	
			<p>Drawn By</p> <p>JFY</p>	
			<p>Checked By</p> <p>PM</p>	



LEGEND

- SITE BOUNDARY
- X— APPROXIMATE LOCATION OF SITE FENCE

NOTES:

1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

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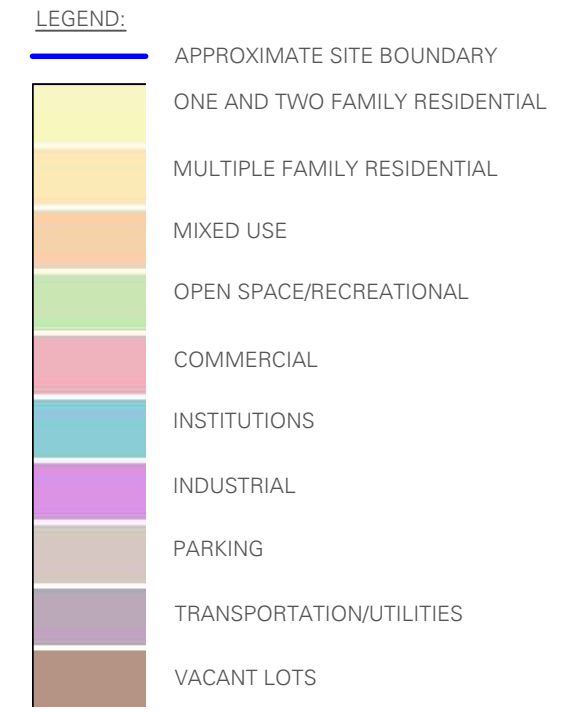
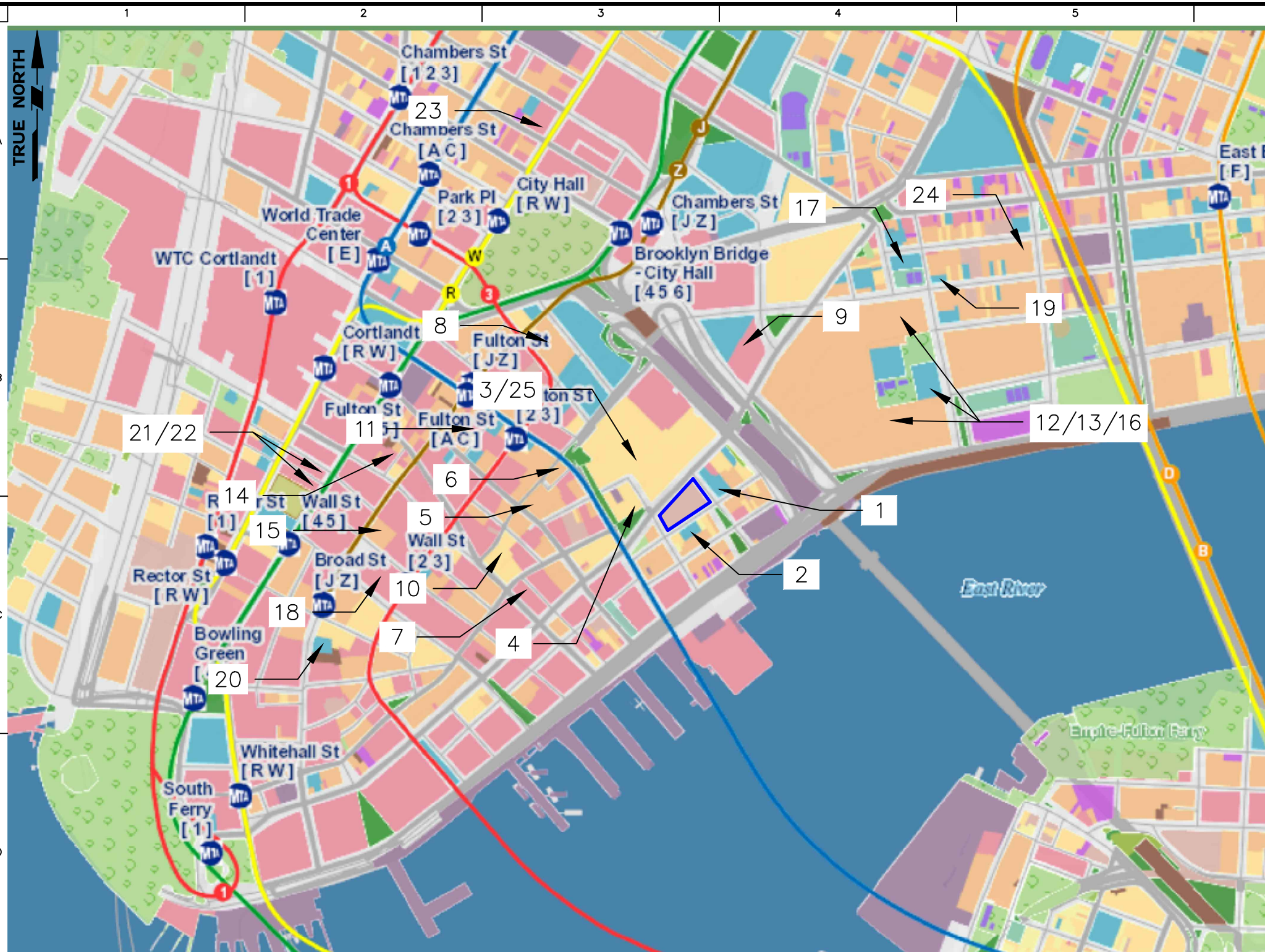


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Project
250 WATER STREET
 BLOCK No. 98, LOT No. 1
 CITY NEW YORK

Drawing Title
SITE PLAN

Project No. 170381202	2
Date 1/14/2021	
Drawn By JFY	
Checked By PM	



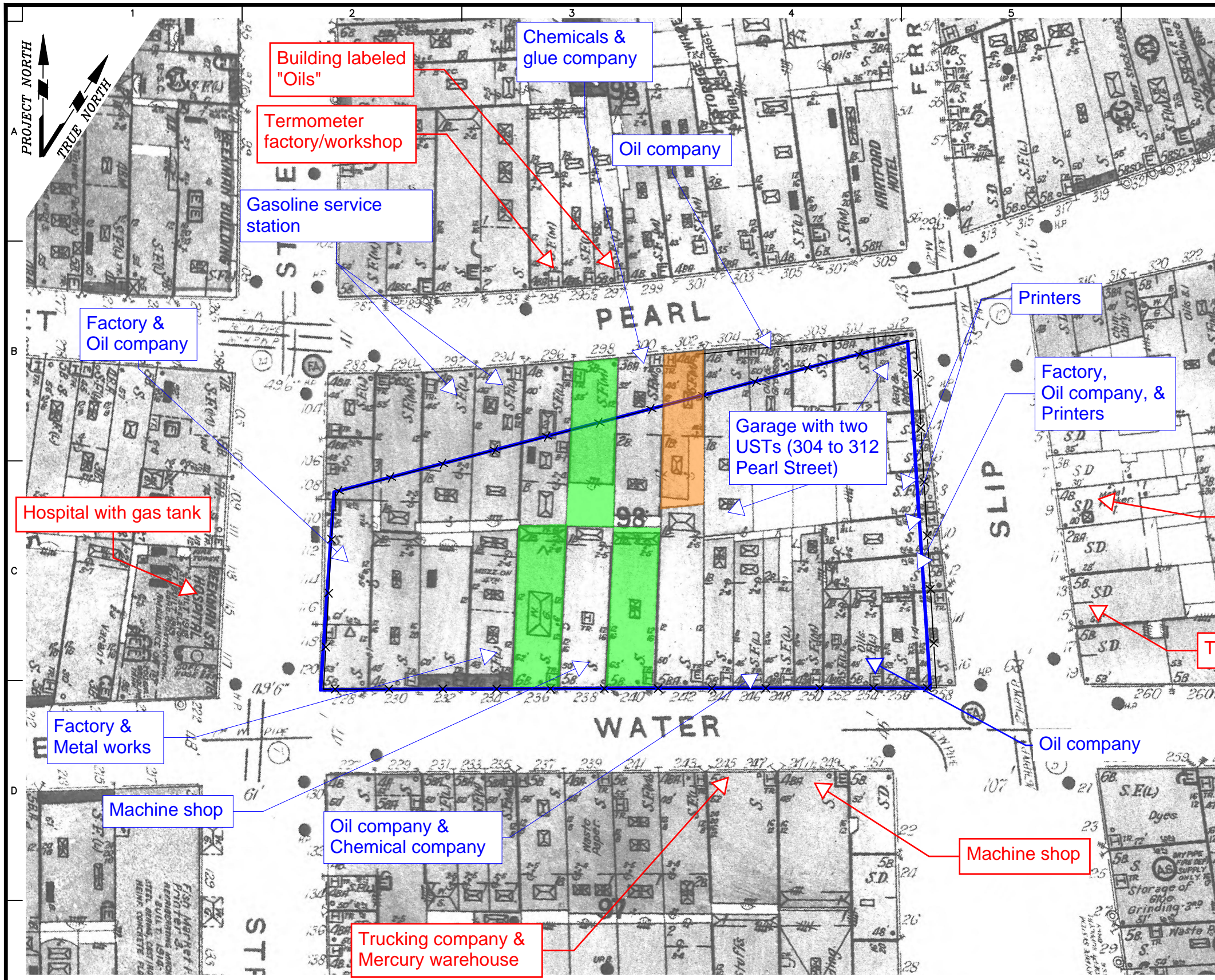
NOTES:

- BASEMAP ACCESSED FROM WWW.OASISNYC.NET/MAPS ON AUGUST 29, 2018.



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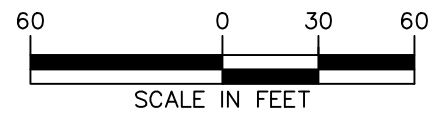
<p>LANGAN Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com</p>	Project 250 WATER STREET BLOCK No. 98, LOT No. 1 CITY NEW YORK	Drawing Title SURROUNDING LAND USE MAP	Project No. 170381202 Date 12/23/2020 Drawn By JFY Checked By PM	Drawing No. 3
	NEW YORK	NEW YORK		



LEGEND	
	SITE BOUNDARY
	APPROXIMATE LOCATION OF SITE FENCE
	APPROXIMATE EXTENT OF HISTORICAL THERMOMETER FACTORY
	APPROXIMATE EXTENT OF HISTORICAL THERMOMETER WORKSHOPS

- NOTES:
1. BASE MAP IS FROM THE 1923 CERTIFIED SANBORN MAP.
 2. LOCATION OF THE SITE BOUNDARY AND FENCE LINE IN RELATION TO THE HISTORICAL MAP ARE APPROXIMATE.

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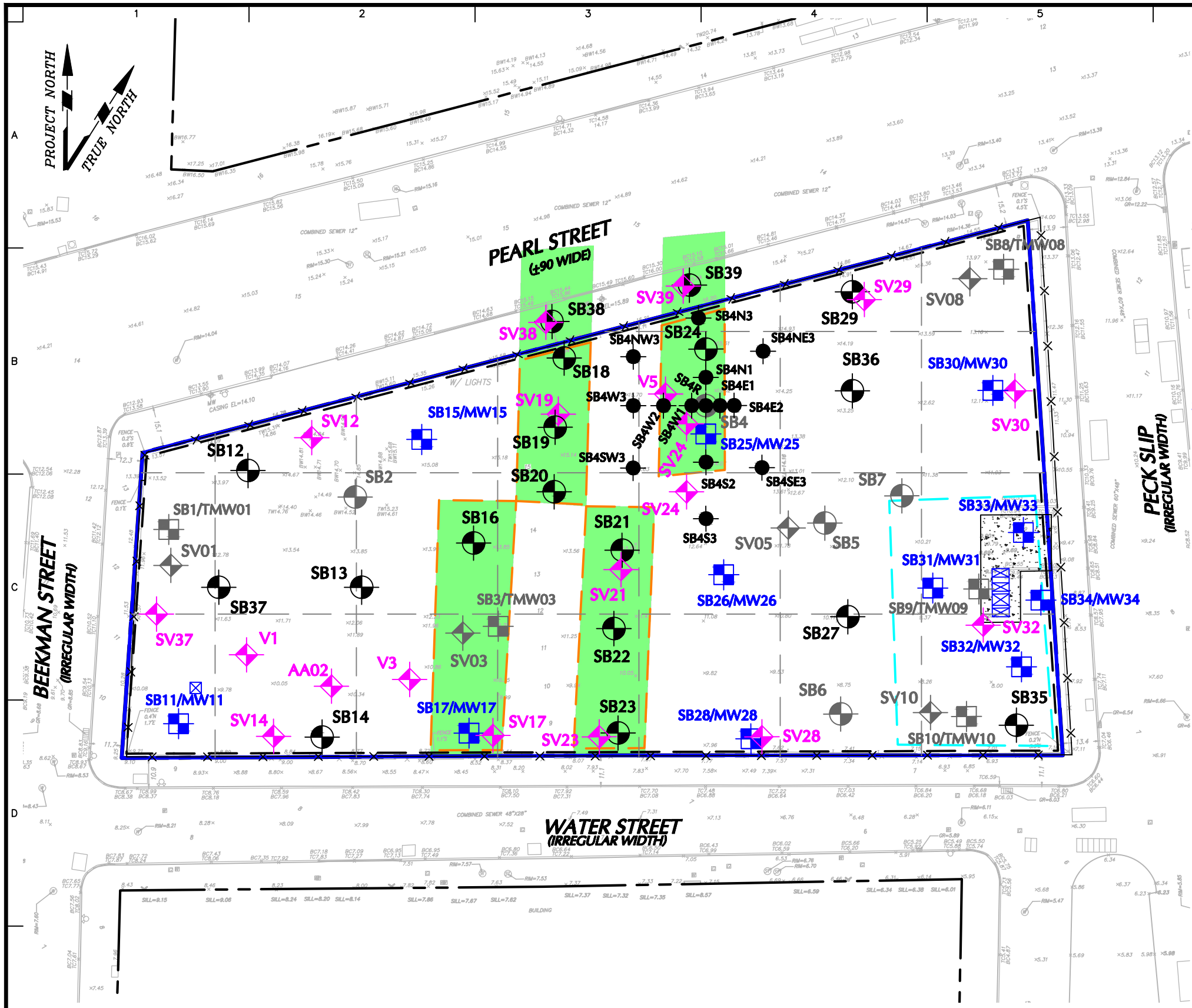


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Project
250 WATER STREET
BLOCK No. 98, LOT No. 1
CITY NEW YORK

Drawing Title
HISTORICAL SITE AND SURROUNDING PROPERTIES USE MAP

Project No. 170381202	Drawing No. 4
Date 12/23/2020	
Drawn By JFY	
Checked By PM	



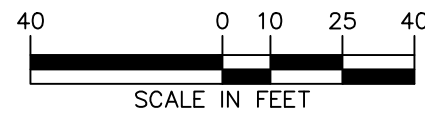
LEGEND

-  SITE BOUNDARY (AOC 1)
 -  APPROXIMATE LOCATION OF SITE FENCE
 -  50-FOOT BY 50-FOOT GRID LINES
 -  SB02 PHASE II ESI SOIL BORING LOCATION
 -  SB01/TMW01 PHASE II ESI SOIL BORING LOCATION WITH TEMPORARY MONITORING WELL
 -  SV01 PHASE II ESI SOIL VAPOR LOCATION
 -  SB19 SOIL BORING LOCATION
 -  SB4E1 MERCURY DELINEATION SOIL BORING LOCATION
 -  SB11/MW11 SOIL BORING AND MONITORING WELL LOCATION
 -  SV24 SOIL VAPOR LOCATION
 -  APPROXIMATE UST LOCATION
 -  APPROXIMATE EXTENT OF HISTORICAL THERMOMETER FACTORY/WORKSHOPS
- AOCs:**
-  AOC 1 - HISTORIC FILL MATERIAL
 -  AOC 2 - PETROLEUM-LIKE IMPACTS AND OPEN SPILL (SPILL No. 1507371)
 -  AOC 3 - HISTORICAL THERMOMETER FACTORY/WORKSHOPS
 -  AOC 4 - HISTORICAL USE OF THE SITE AND SURROUNDING PROPERTIES

NOTES:

1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. REMEDIAL INVESTIGATION AND PHASE II ESI BORING LOCATIONS WERE MEASURED OFF OF SURVEYED LOCATIONS USING A HANDHELD TAPE MEASURE AND ARE APPROXIMATE.
4. AOC = AREA OF CONCERN
5. UST = UNDERGROUND STORAGE TANK

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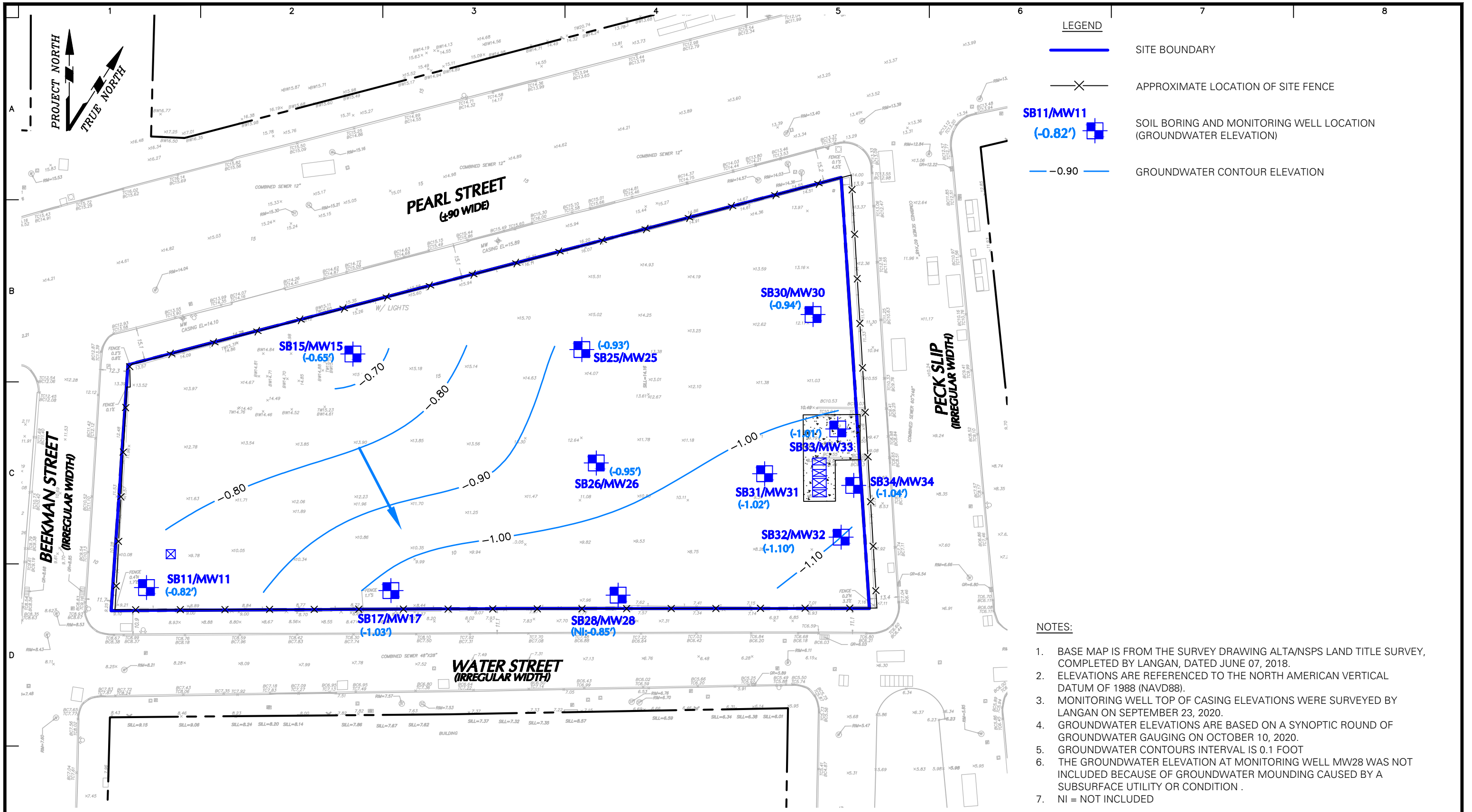
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Project
250 WATER STREET
 BLOCK No. 98, LOT No. 1
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Drawing Title
**AREAS OF CONCERN
 AND SAMPLE
 LOCATION MAP**

Project No.
 170381202
 Date
 12/23/2020
 Drawn By
 JFY
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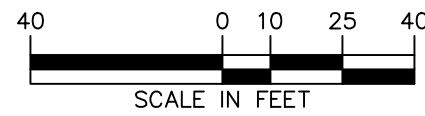
Drawing No.
5



- LEGEND**
- SITE BOUNDARY
 - APPROXIMATE LOCATION OF SITE FENCE
 - SB11/MW11 (-0.82') SOIL BORING AND MONITORING WELL LOCATION (GROUNDWATER ELEVATION)
 - 0.90 GROUNDWATER CONTOUR ELEVATION

- NOTES:**
1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
 2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 3. MONITORING WELL TOP OF CASING ELEVATIONS WERE SURVEYED BY LANGAN ON SEPTEMBER 23, 2020.
 4. GROUNDWATER ELEVATIONS ARE BASED ON A SYNOPTIC ROUND OF GROUNDWATER GAUGING ON OCTOBER 10, 2020.
 5. GROUNDWATER CONTOURS INTERVAL IS 0.1 FOOT
 6. THE GROUNDWATER ELEVATION AT MONITORING WELL MW28 WAS NOT INCLUDED BECAUSE OF GROUNDWATER MOUNDING CAUSED BY A SUBSURFACE UTILITY OR CONDITION .
 7. NI = NOT INCLUDED

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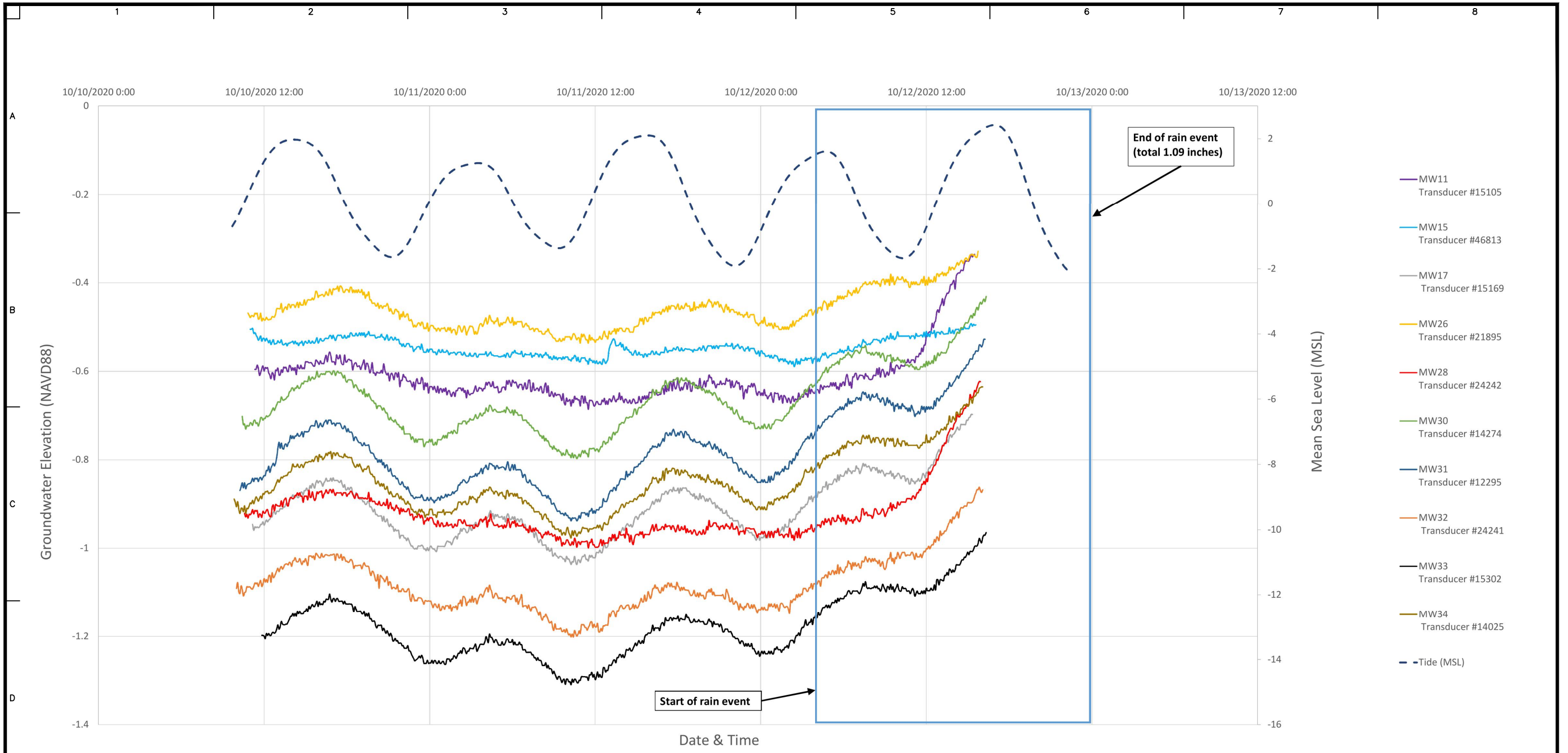
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250 WATER STREET
BLOCK No. 98, LOT No. 1
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Drawing Title
GROUNDWATER ELEVATION CONTOUR MAP

Project No.
170381202
Date
1/14/2021
Drawn By
JFY
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Drawing No.
6A



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Project
250 WATER STREET
 BLOCK No. 98, LOT No. 1
 CITY NEW YORK NEW YORK

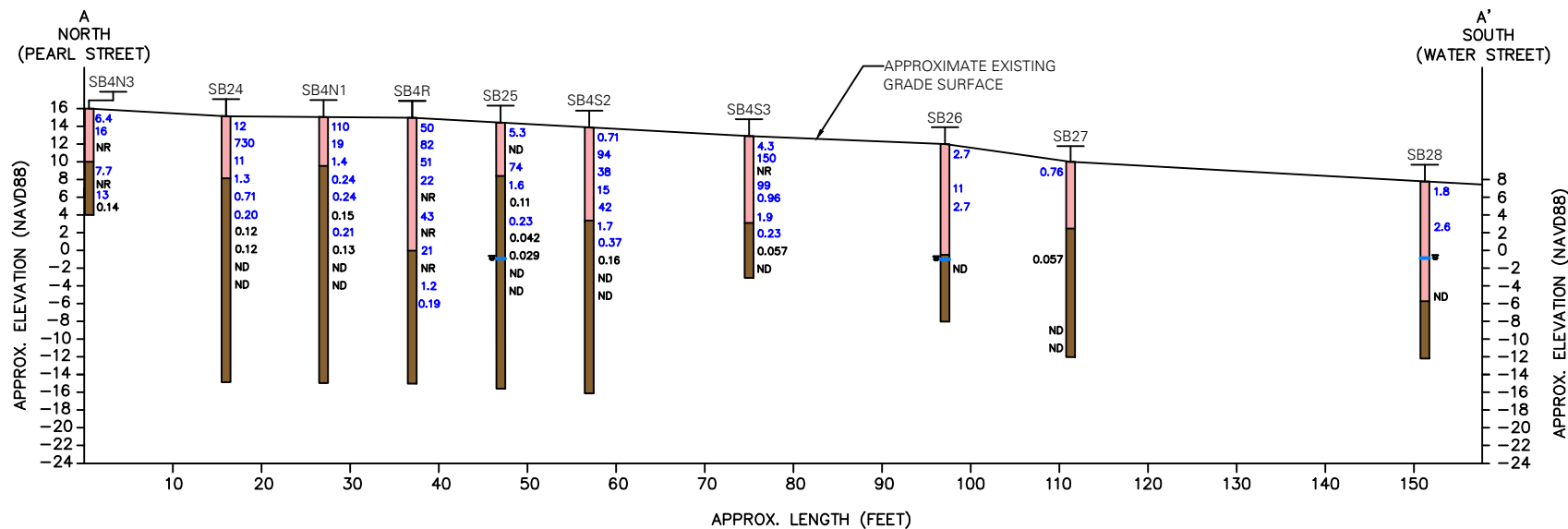
Drawing Title
GROUNDWATER ELEVATION OVER TIME

Project No.
 170381202
 Date
 1/14/2021
 Drawn By
 JFY
 Checked By
 PM

Drawing No.
6B

CROSS SECTION A-A'

VERTICAL SCALE: 1 INCH = 20 FEET
HORIZONTAL SCALE: 1 INCH = 20 FEET

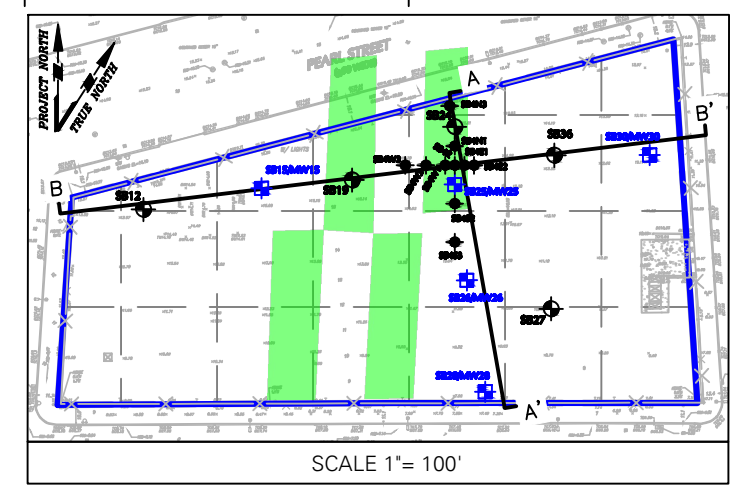


LEGEND

- FILL
- SAND
- APPROXIMATE GROUNDWATER ELEVATION
- SB4S3 SOIL BORING ID
- 4.3 MERCURY CONCENTRATION AT APPROXIMATE SAMPLE DEPTH

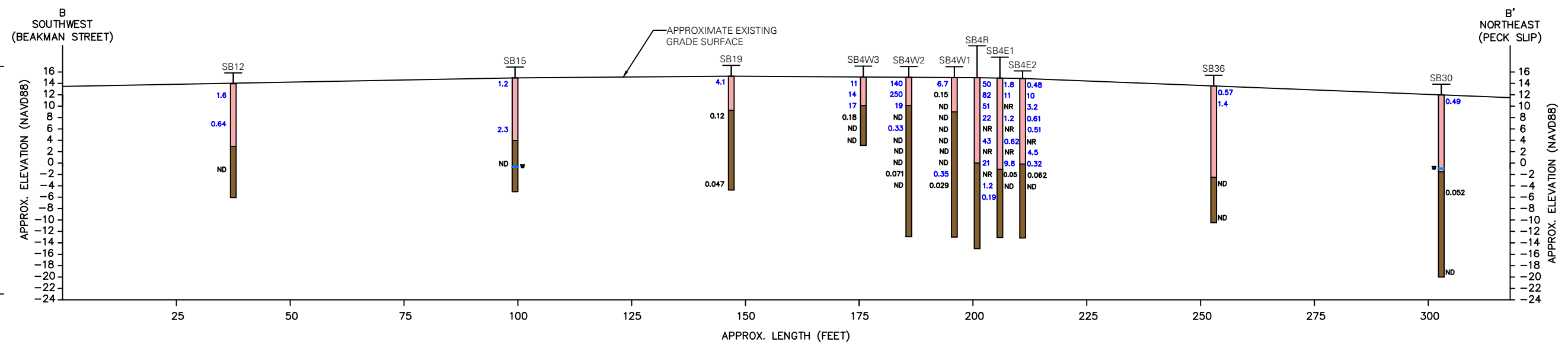
NOTES

1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. THIS PROFILE REPRESENTS A GENERALIZED SOIL CROSS SECTION DEPICTING WIDELY SPACED BORINGS. SOIL AND GROUNDWATER WILL VARY IN TYPE, LOCATION, ELEVATION, AND ENVIRONMENTAL AND ENGINEERING PROPERTIES BETWEEN POINTS OF EXPLORATION. VARIATIONS IN SUBSURFACE CONDITIONS SHOULD BE EXPECTED BETWEEN BORINGS
4. ALL LOCATIONS ARE APPROXIMATE
5. MERCURY SAMPLE RESULTS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
6. CONCENTRATIONS ABOVE THE UNRESTRICTED USE SOIL CLEANUP OBJECTIVE (0.18 mg/kg) ARE SHOWN IN BLUE
7. NR = NO RECOVERY
8. ND = NOT DETECTED



CROSS SECTION B-B'

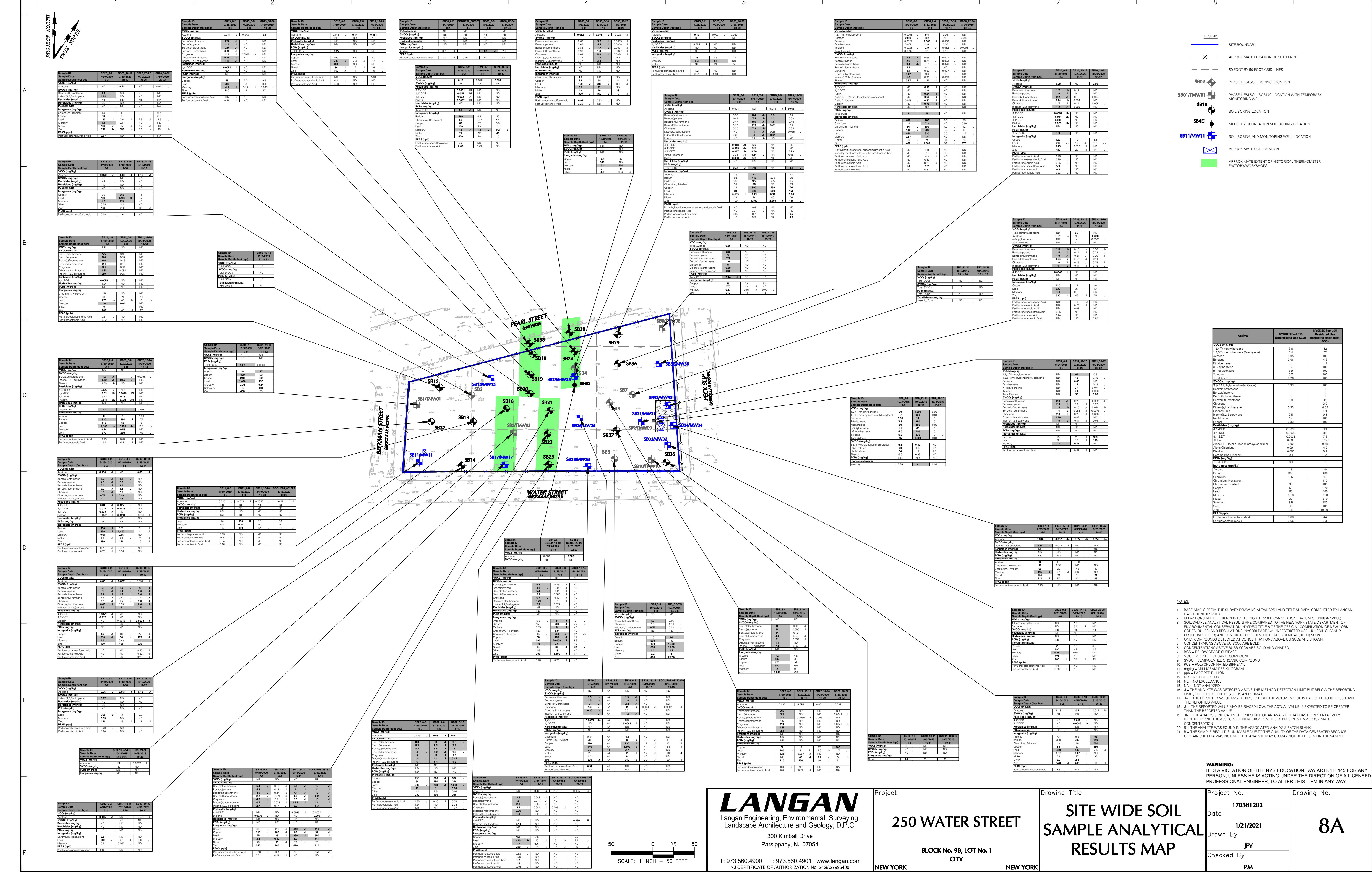
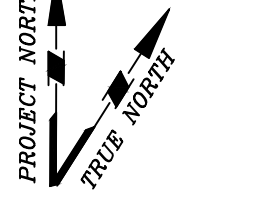
VERTICAL SCALE: 1 INCH = 20 FEET
HORIZONTAL SCALE: 1 INCH = 25 FEET



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LEGEND

- SITE BOUNDARY
- APPROXIMATE LOCATION OF SITE FENCE
- 50-FOOT BY 50-FOOT GRID LINES
- PHASE I ESI SOIL BORING LOCATION
- PHASE I ESI SOIL BORING LOCATION WITH TEMPORARY MONITORING WELL
- SOIL BORING LOCATION
- MERCURY DELINEATION SOIL BORING LOCATION
- SOIL BORING AND MONITORING WELL LOCATION
- APPROXIMATE JUST LOCATION
- APPROXIMATE EXTENT OF HISTORICAL THERMOMETER FACTORY/WORKSHOPS

- NOTES:**
- BASE MAP IS FROM THE SURVEY DRAWING ALTAI/NSP LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
 - ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 NAVD83.
 - SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS UNRESTRICTED USE (U) SOIL CLEANUP OBJECTIVES (S-CO) AND RESTRICTED USE (R) SOIL CLEANUP OBJECTIVES (S-CO) AND RESTRICTED USE RESTRICTED RESIDENTIAL (R) SOILS.
 - ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE U) SCOs ARE SHOWN.
 - CONCENTRATIONS ABOVE U) SCOs ARE BOLD.
 - CONCENTRATIONS ABOVE R) SCOs ARE BOLD AND SHADED.
 - VOC = VOLATILE ORGANIC COMPOUND
 - SVOC = SEMI-VOLATILE ORGANIC COMPOUND
 - PCB = POLYCHLORINATED BIPHENYL
 - mg/kg = MILLIGRAM PER KILOGRAM
 - DOE = PART PER BILLION
 - ND = NOT DETECTED
 - NE = NO EXISTENCE
 - JA = NOT ANALYZED
 - J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT BUT BELOW THE REPORTING LIMIT; THEREFORE, THE RESULT IS AN ESTIMATE
 - J+ = THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE
 - J- = THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE
 - JN = THE ANALYSIS INDICATES THE PRESENCE OF AN ANALYTE THAT HAS BEEN TENTATIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUES REPRESENTS ITS APPROXIMATE CONCENTRATION
 - B = THE ANALYTE WAS FOUND IN THE ASSOCIATED ANALYSIS BATCH BLANK
 - R = THE SAMPLE RESULT IS UNUSABLE DUE TO THE QUALITY OF THE DATA GENERATED BECAUSE CERTAIN CRITERIA WAS NOT MET. THE ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

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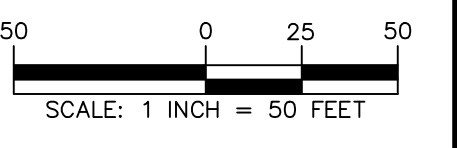
Drawing Title
SITE WIDE SOIL SAMPLE ANALYTICAL RESULTS MAP

Drawing No.
8A

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NJ CERTIFICATE OF AUTHORIZATION No. 24GA2799640

Project
250 WATER STREET
BLOCK No. 98, LOT No. 1
CITY

Project No.
170381202
Date
1/21/2021
Drawn By
JFY
Checked By
PM





Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	5.6
2-3	14
3-4	No Recovery
4-6	2.3
6-8	ND
8-9	No Recovery
9-10	0.42
10-12	ND
12-14	0.041
14-16	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	50
2-4	82
4-6	51
6-8	22
8-10	No Recovery
10-12	43
12-14	No Recovery
14-16	21
16-18	No Recovery
18-20	0.55/1.2
20-22	0.19

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	6.4
2-3	16
3-6	No Recovery
6-8	7.7
8-9	No Recovery
9-10	13
10-12	0.14

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	12
2-4	470/730
4-6	11
6-8	1.3
8-10	0.71
10-12	0.20
12-14	0.12
14-16	0.12
16-18	ND
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	0.21
2-4	0.41
4-5	No Recovery
5-6	0.5
6-8	0.4
8-9	No Recovery
9-10	0.47
10-12	0.88
12-13	No Recovery
13-14	0.11
14-16	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	110
2-4	19/12
4-6	1.4
6-8	0.24
8-10	0.24
10-12	0.15
12-14	0.21
14-16	0.13
16-18	ND
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	0.48
2-4	10
4-6	3.2
6-8	0.61
8-10	0.51
10-12	No Recovery
12-14	4.5
14-16	0.32
16-18	0.062
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	1.8
2-4	11
4-6	No Recovery
6-8	1.2
8-10	No Recovery
10-12	0.62
12-14	No Recovery
14-16	9.8
16-18	0.054
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	140
2-4	250/200
4-6	19/8.4
6-8	ND
8-10	0.33
10-12	ND
12-14	ND
14-16	ND/ND
16-18	0.071
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	11
2-4	14
4-6	17
6-8	0.18
8-10	ND
10-12	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	6.7
2-4	0.15
4-6	ND
6-8	ND
8-10	ND
10-12	ND
12-14	ND
14-16	ND
16-18	0.35
18-20	0.029

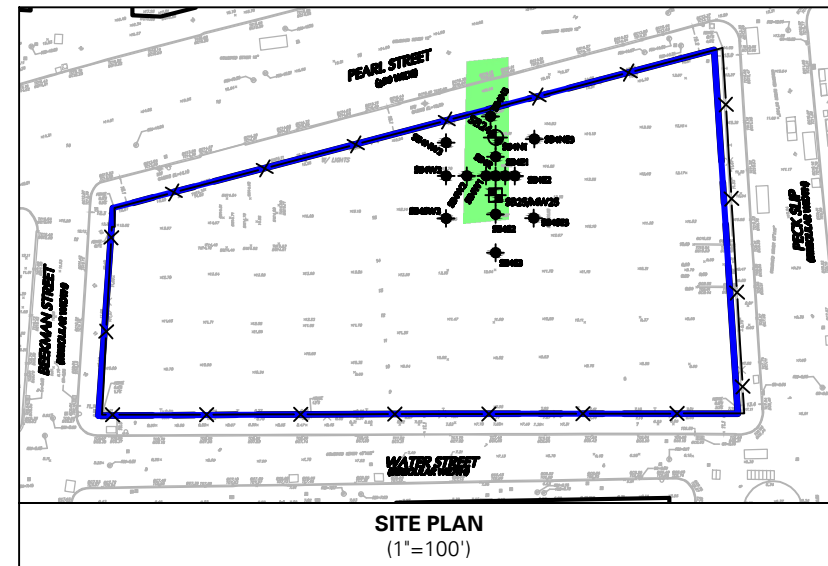
Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	1.5
2-3	0.42
3-4	No Recovery
4-6	3.7
6-8	0.041
8-10	ND
10-12	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	5.3
2-4	ND
4-6	74
6-8	1.6
8-10	0.11/ND
10-12	0.23
12-14	0.042
14-16	0.029
16-18	ND
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	0.71
2-4	94
4-6	38
6-8	15
8-10	42
10-12	1.7
12-14	0.37
14-16	0.16
16-18	ND
18-20	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	4.3
2-3	150
3-5	No Recovery
5-6	99
6-8	0.96
8-10	1.9
10-12	0.23
12-13	No Recovery
13-14	0.057
14-16	ND

Depth (feet bgs)	Hg Lab Results (mg/kg)
0-2	0.74
2-4	0.78
4-6	6.6
6-8	0.98
8-10	0.19
10-12	0.15
12-14	1.4
14-16	ND



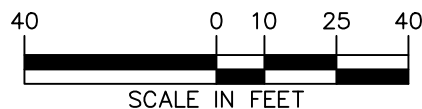
LEGEND

- SITE BOUNDARY (AOC 1)
- APPROXIMATE LOCATION OF SITE FENCE
- SOIL BORING LOCATION
- MERCURY DELINEATION SOIL BORING LOCATION
- SOIL BORING AND MONITORING WELL LOCATION
- APPROXIMATE EXTENT OF HISTORICAL THERMOMETER FACTORY

NOTES:

1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
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 RESTRICTED USE RESTRICTED-RESIDENTIAL (RURR) SOIL CLEANUP OBJECTIVES (SCOs).
3. CONCENTRATIONS ABOVE RURR SCOs ARE BOLD AND SHADED.
4. Hg = MERCURY
5. bgs = BELOW GRADE SURFACE
6. mg/kg = MILLIGRAM PER KILOGRAM
7. ND = NOT DETECTED
8. TAN SHADED DEPTH INTERVALS WERE IDENTIFIED AS HISTORIC FILL

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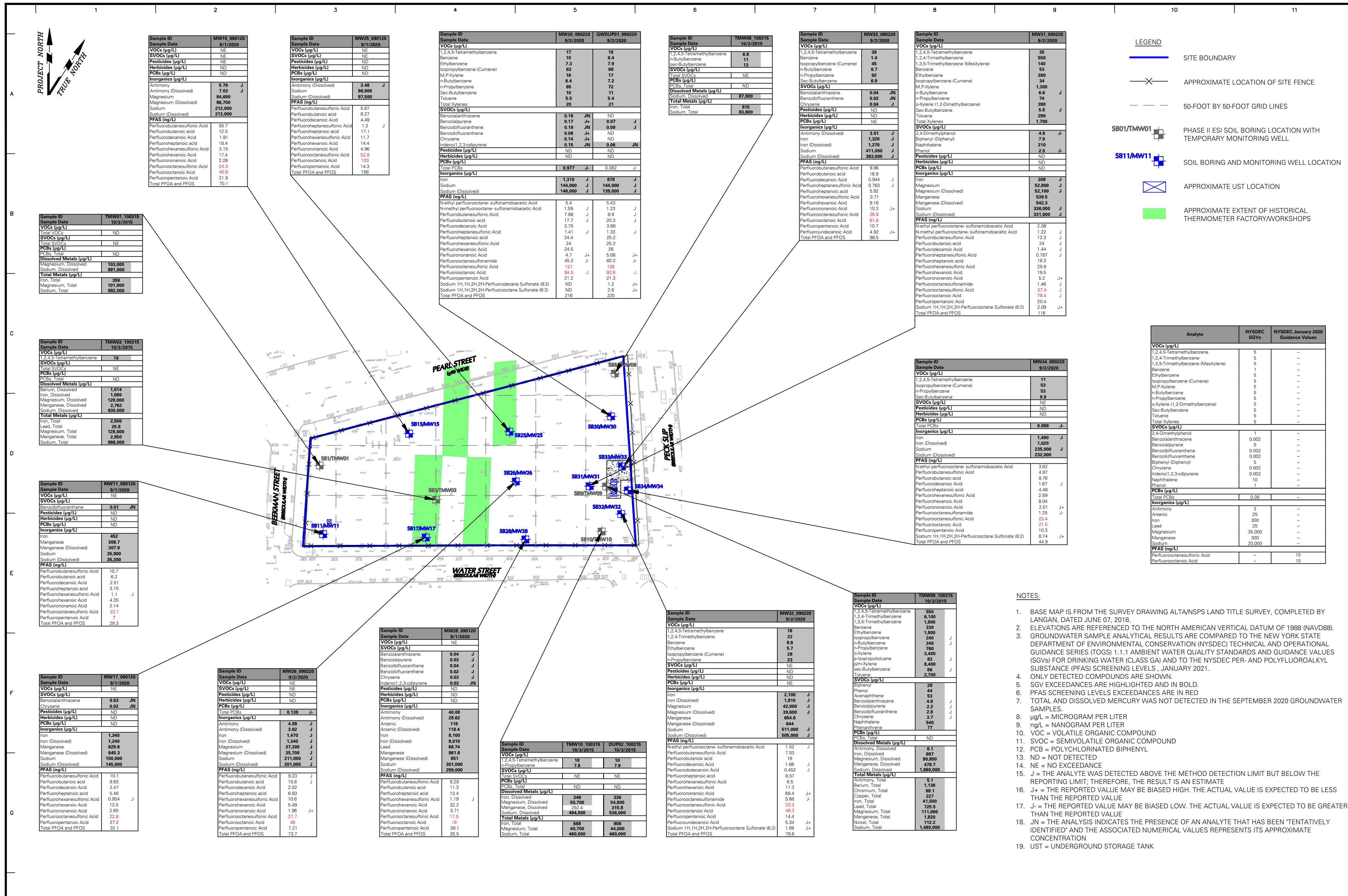


LANGAN
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Project
250 WATER STREET
BLOCK No. 98, LOT No. 1
CITY NEW YORK

Drawing Title
MERCURY DELINEATION SOIL SAMPLE ANALYTICAL RESULTS MAP

Project No. 170381202
Date 1/14/2021
Drawn By JFY
Checked By PM
Drawing No. **8B**



LEGEND table with symbols for SITE BOUNDARY, APPROXIMATE LOCATION OF SITE FENCE, 50-FOOT BY 50-FOOT GRID LINES, PHASE II ESI SOIL BORING LOCATION WITH TEMPORARY MONITORING WELL, SOIL BORING AND MONITORING WELL LOCATION, APPROXIMATE UST LOCATION, and APPROXIMATE EXTENT OF HISTORICAL THERMOMETER FACTORY/WORKSHOPS.

Table with columns: Analyte, NYSDEC SGVs, NYSDEC January 2020 Guidance Values. Lists various VOCs, SVOCs, PCBs, Pesticides, and PFAS with their respective values.

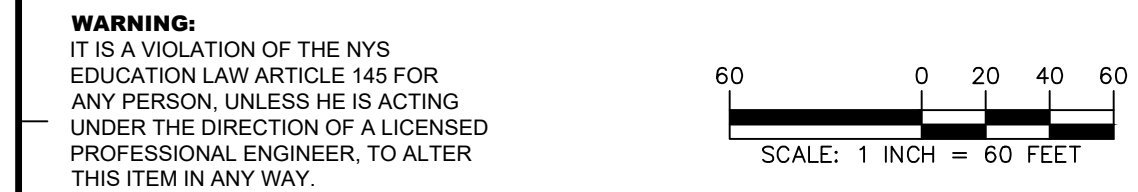
- NOTES: 1. BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY... 2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988... 3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION... 4. ONLY DETECTED COMPOUNDS ARE SHOWN. 5. SGV EXCEEDANCES ARE HIGHLIGHTED AND IN BOLD. 6. PFAS SCREENING LEVELS EXCEEDANCES ARE IN RED. 7. TOTAL AND DISSOLVED MERCURY WAS NOT DETECTED IN THE SEPTEMBER 2020 GROUNDWATER SAMPLES. 8. µg/L = MICROGRAM PER LITER 9. ng/L = NANOGRAM PER LITER 10. VOC = VOLATILE ORGANIC COMPOUND 11. SVOC = SEMIVOLATILE ORGANIC COMPOUND 12. PCB = POLYCHLORINATED BIPHENYL 13. ND = NOT DETECTED 14. NE = NO EXCEEDANCE 15. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT BUT BELOW THE REPORTING LIMIT; THEREFORE, THE RESULT IS AN ESTIMATE 16. J+ = THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE 17. J- = THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE 18. JN = THE ANALYSIS INDICATES THE PRESENCE OF AN ANALYTE THAT HAS BEEN TENTATIVELY IDENTIFIED AND THE ASSOCIATED NUMERICAL VALUES REPRESENTS ITS APPROXIMATE CONCENTRATION 19. UST = UNDERGROUND STORAGE TANK

LANGAN logo and contact information: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 300 Kimball Drive Parsippany, NJ 07054 T: 973.560.4900 F: 973.560.4901 www.langan.com NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

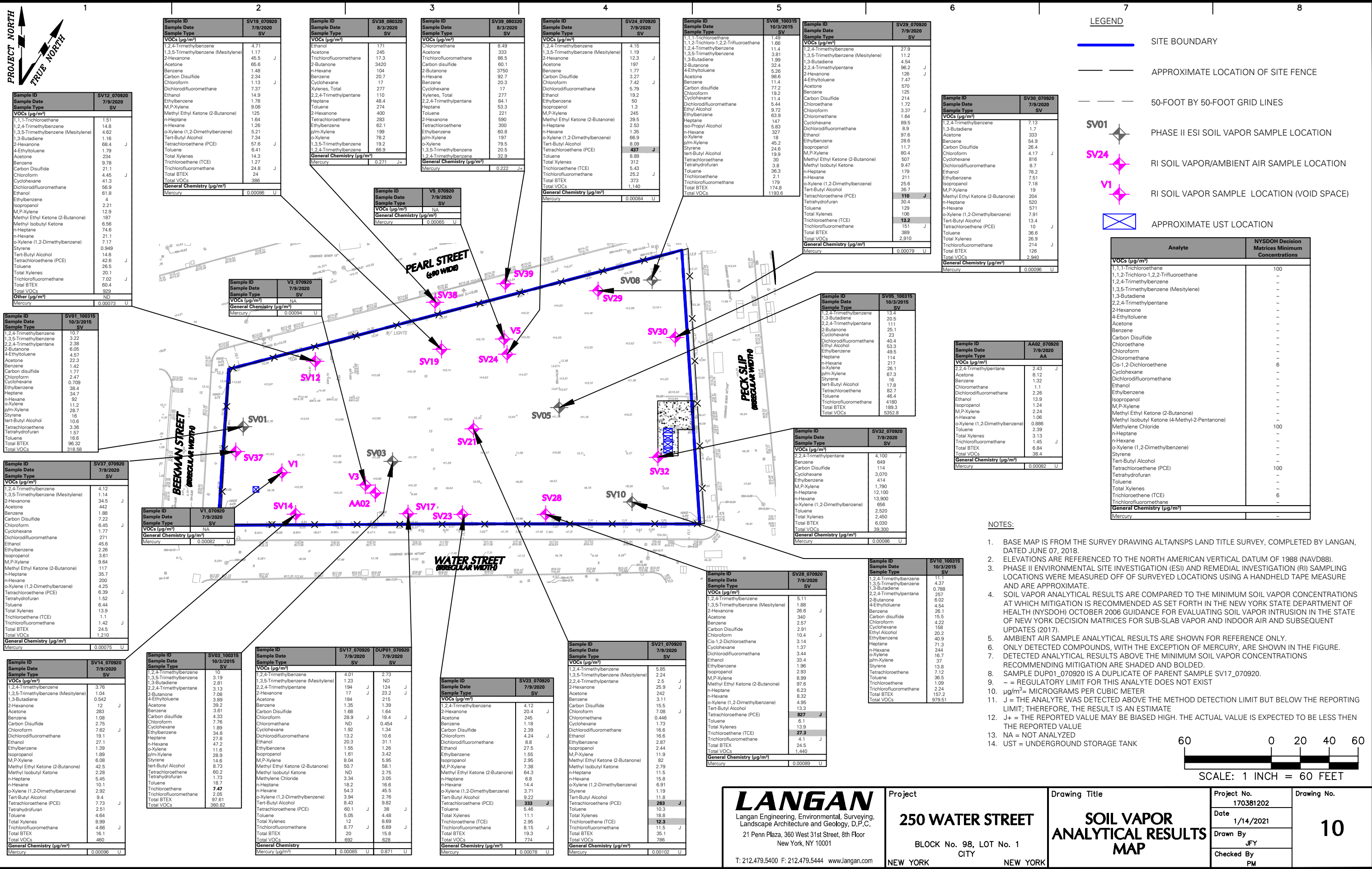
Project: 250 WATER STREET BLOCK No. 98, LOT No. 1 NEW YORK NEW YORK

Drawing Title: GROUNDWATER ANALYTICAL RESULTS MAP

Project No. 170381202 Date 1/14/2021 Drawn By JFY Checked By PM Drawing No. 9



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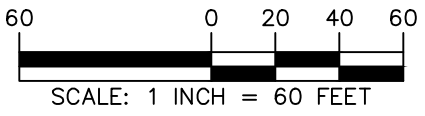


LEGEND

- SITE BOUNDARY
- APPROXIMATE LOCATION OF SITE FENCE
- 50-FOOT BY 50-FOOT GRID LINES
- PHASE II ESI SOIL VAPOR SAMPLE LOCATION
- RI SOIL VAPOR/AMBIENT AIR SAMPLE LOCATION
- RI SOIL VAPOR SAMPLE LOCATION (VOID SPACE)
- APPROXIMATE UST LOCATION

Analyte	NYSDOH Decision Matrices Minimum Concentrations
1,1,1-Trichloroethane	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	~
1,2,4-Trimethylbenzene	~
1,3,5-Trimethylbenzene (Mesitylene)	~
1,3-Butadiene	~
2,2,4-Trimethylpentane	~
2-Hexanone	~
4-Ethyltoluene	~
Acetone	~
Benzene	~
Carbon Disulfide	~
Chloroethane	~
Chloroform	~
Chloromethane	~
Cis-1,2-Dichloroethane	6
Acetone	8.12
Benzene	1.32
Chloromethane	1.1
Dichlorodifluoromethane	~
Ethanol	~
Ethylbenzene	~
Isopropanol	~
M,P-Xylene	~
Methyl Ethyl Ketone (2-Butanone)	~
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~
Methylene Chloride	100
n-Heptane	~
n-Hexane	~
o-Xylene (1,2-Dimethylbenzene)	~
Styrene	~
Tert-Butyl Alcohol	~
Tetrachloroethene (PCE)	100
Tetrahydrofuran	~
Toluene	~
Total Xylenes	~
Trichloroethene (TCE)	6
Trichlorofluoromethane	~
Total VOCs	~
Mercury	~

- NOTES:**
- BASE MAP IS FROM THE SURVEY DRAWING ALTA/NSPS LAND TITLE SURVEY, COMPLETED BY LANGAN, DATED JUNE 07, 2018.
 - ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
 - PHASE II ENVIRONMENTAL SITE INVESTIGATION (ESI) AND REMEDIAL INVESTIGATION (RI) SAMPLING LOCATIONS WERE MEASURED OFF OF SURVEYED LOCATIONS USING A HANDHELD TAPE MEASURE AND ARE APPROXIMATE.
 - SOIL VAPOR ANALYTICAL RESULTS ARE COMPARED TO THE MINIMUM SOIL VAPOR CONCENTRATIONS AT WHICH MITIGATION IS RECOMMENDED AS SET FORTH IN THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) OCTOBER 2006 GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK DECISION MATRICES FOR SUB-SLAB VAPOR AND INDOOR AIR AND SUBSEQUENT UPDATES (2017).
 - AMBIENT AIR SAMPLE ANALYTICAL RESULTS ARE SHOWN FOR REFERENCE ONLY.
 - ONLY DETECTED COMPOUNDS, WITH THE EXCEPTION OF MERCURY, ARE SHOWN IN THE FIGURE.
 - DETECTED ANALYTICAL RESULTS ABOVE THE MINIMUM SOIL VAPOR CONCENTRATIONS RECOMMENDING MITIGATION ARE SHADED AND BOLDED.
 - SAMPLE DUP10_070920 IS A DUPLICATE OF PARENT SAMPLE SV17_070920.
 - ~ = REGULATORY LIMIT FOR THIS ANALYTE DOES NOT EXIST
 - µg/m³ = MICROGRAMS PER CUBIC METER
 - J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT BUT BELOW THE REPORTING LIMIT; THEREFORE, THE RESULT IS AN ESTIMATE
 - J+ = THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THEN THE REPORTED VALUE
 - NA = NOT ANALYZED
 - UST = UNDERGROUND STORAGE TANK



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Project
250 WATER STREET
BLOCK No. 98, LOT No. 1
CITY NEW YORK

Drawing Title
SOIL VAPOR ANALYTICAL RESULTS MAP

Project No.
170381202
Date
1/14/2021
Drawn By
JFY
Checked By
PM

Drawing No.
10

TABLES

**Table 1
Remedial Investigation Report
Sample Summary**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Sample No.	Boring(s)	Sample ID	Sample Depth/ Screened Interval (feet bgs)	Sample Date	Rationale	Laboratory Analyses
Soil						
1	SB11	SB11_0-2	0 - 2	8/19/2020	Surficial soil	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals, Trivalent Chromium, Hexavalent Chromium, Mercury, Cyanide, Emerging Contaminants
2		SB11_6-8	6 - 8		Within the historic fill	
3		SB11_18-20	18 - 20		Bottom of boring	
4		SODUP04_081920			QA/QC	
5	SB12	SB12_1-3	1 - 3	8/20/2020	Surficial soil	
6		SB12_6-8	6 - 8		Within the historic fill	
7		SB12_14-16	14 - 16		Native interval below historic fill	
8	SB13	SB13_0-2	0 - 2	8/18/2020	Surficial soil	
9		SB13_4-6	4 - 6		Within the historic fill	
10		SB13_12-14	12 - 14		Native interval below historic fill	
11	SB14	SB14_0-2	0 - 2	8/19/2020	Surficial soil	
12		SB14_8-10	8 - 10		Native interval below historic fill	
13		SB14_18-20	18 - 20		Bottom of boring	
14		SB15_0-2	0 - 2		Surficial soil	
15	SB15	SB15_8-10	8 - 10	8/18/2020	Within the historic fill	
16		SB15_14-16	14 - 16		Native interval below historic fill	
17		SB16_0-2	0 - 2		Surficial soil	
18	SB16	SB16_6-8	6 - 8	7/31/2020	Within the historic fill	
19		SB16_10-12	10 - 12		Bottom of boring	
20	SB17	SB17_0-2	0 - 2	7/30/2020	Surficial soil	
21		SB17_14-16	14 - 16		Greatest degree of impacts	
22		SB17_30-32	30 - 32		Bottom of boring/Clean interval below impacts	
23		SB18_0-2	0 - 2		Surficial soil	
24	SB18	SB18_7-8	7 - 8	7/29/2020	Native interval below historic fill	
25		SB18_18-20	18 - 20		Bottom of boring	
26		SB19_0-2	0 - 2		Surficial soil	
27	SB19	SB19_6-8	6 - 8	7/30/2020	Native interval below historic fill	
28		SB19_18-20	18 - 20		Bottom of boring	
29		SB20_0-2	0 - 2		Surficial soil	
30	SB20	SB20_10-12	10 - 12	7/30/2020	Native interval below historic fill	
31		SB20_20-22	20 - 22		Greatest degree of impacts	
32		SB20_30-32	30 - 32		Clean interval below impacts	
33		SB21_0-2	0 - 2		Surficial soil	
34	SB21	SB21_6-8	6 - 8	8/18/2020	Within the historic fill	
35		SB21_9-11	9 - 11		Bottom of boring	
36		SODUP03_081820			QA/QC	
37	SB22	SB22_0-2	0 - 2	8/18/2020	Surficial soil	
38		SB22_4-6	4 - 6		Within the historic fill	
39		SB22_8-10	8 - 10		Bottom of boring	
40	SB23	SB23_0-2	0 - 2	7/31/2020	Surficial soil	
41		SB23_26-28	26 - 28		Bottom of boring/Clean interval below impacts	
42		SODUP01_073120			QA/QC	
43		SB23_9-11	9 - 11		Greatest degree of impacts	
44	SB24	SB24_0-2	0 - 2	7/29/2020	Surficial soil	
45		SB24_10-12	10 - 12		Native interval below historic fill	
46		SB24_12-14	12 - 14			
47		SB24_14-16	14 - 16			
48		SB24_16-18	16 - 18			
49		SB24_18-20	18 - 20		Mercury Delineation	
50		SB24_2-4	2 - 4			
51		MDUP07_072920				
52	SB25	SB24_4-6	4 - 6	7/28/2020	Within the historic fill	
53		SB24_6-8	6 - 8		Mercury Delineation	
54		SB24_8-10	8 - 10		Mercury Delineation	
55	SB25	SB25_0-2	0 - 2	8/17/2020	Surficial soil	
56		SB25_10-12	10 - 12		Mercury Delineation	
57		SB25_12-14	12 - 14			
58		SB25_14-16	14 - 16			
59		SB25_16-18	16 - 18			
60		SB25_18-20	18 - 20			
61		SB25_2-4	2 - 4			
62		SB25_28-30	28 - 30		Bottom of boring	
63		SB25_4-6	4 - 6		Mercury Delineation	
64		SB25_6-8	6 - 8		Mercury Delineation	
65	SB26	SB25_8-10	8 - 10	8/17/2020	Mercury Delineation	
66		SB26_0-2	0 - 2		Surficial soil	
67		SB26_4-6	4 - 6		XRF indication of mercury impacts	
68	SB27	SB26_6-8	6 - 8	8/24/2020	Within the historic fill	
69		SB26_13-15	13 - 15		Native interval below historic fill	
70		SODUP05_08242020			QA/QC	
71	SB27	SB27_0-2	0 - 2	8/20/2020	Surficial soil	
72		SB27_10-12	10 - 12		Native interval below historic fill	
73		SB27_18-20	18 - 20		Greatest degree of impacts	
74		SB27_20-22	20 - 22		Clean interval below impacts	
75	SB28	SB28_0-2	0 - 2	8/18/2020	Surficial soil	
76		SB28_12-14	12 - 14		Native interval below historic fill	
77		SB28_4-6	4 - 6		Within the historic fill	
78	SB29	SB29_0-2	0 - 2	8/17/2020	Surficial soil	
79		SB29_13-15	13 - 15		Bottom of boring	
80		SB29_2-4	2 - 4		Within the historic fill	
81		SB29_7-9	7 - 9		Clean interval below impacts	
82	SB30	SB30_0-2	0 - 2	8/20/2020	Surficial soil	
83		SB30_16-18	16 - 18		Greatest degree of impacts	
84		SB30_30-32	30 - 32		Bottom of boring/Clean interval below impacts	
85	SB31	SB31_0-2	0 - 2	8/24/2020	Surficial soil	
86		SB31_18-20	18 - 20*		Greatest degree of impacts	
87	SB32	SB31_30-32	30 - 32*	8/21/2020	Bottom of boring/Clean interval below impacts	
88		SB32_0-2	0 - 2		Surficial soil	
89		SB32_14-16	14 - 16*		Greatest degree of impacts	
90	SB33	SB32_26-28	26 - 28*	8/25/2020	Bottom of boring/Clean interval below impacts	
91		SB33_0-2	0 - 2		Surficial soil	
92		SB33_11-13	11 - 13		Greatest degree of impacts	
93	SB34	SB33_18-20	18 - 20	8/25/2020	Bottom of boring/Clean interval below impacts	
94		SB34_10-12	10 - 12		Groundwater interface	
95		SB34_12-14	12 - 14		Greatest degree of impacts	
96		SB34_18-20	18 - 20		Clean interval below impacts	
97	SB35	SB34_4-6	4 - 6	8/24/2020	Surficial soil	
98		SB35_0-2	0 - 2		Surficial soil	
99		SB35_26-28	26 - 28		Bottom of boring/Clean interval below impacts	
100	SB36	SB35_8-10	8 - 10	8/24/2020	Greatest degree of impacts	
101		SB36_0-2	0 - 2		Surficial soil	
102		SB36_16-18	16 - 18		Native interval below historic fill	
103	SB37	SB36_2-4	2 - 4	8/17/2020	Greatest degree of impacts	
104		SB36_22-24	22 - 24		Bottom of boring/Clean interval below impacts	
105		SB37_12-14	12 - 14		Native interval below historic fill	
106	SB38	SB37_2-4	2 - 4	8/20/2020	Surficial soil	
107		SB37_6-8	6 - 8		Within the historic fill	
108		SB38_0-2	0 - 2		Surficial soil	
109	SB39	SODUP02_080320		8/3/2020	QA/QC	
110		SB38_22-24	22 - 24		Bottom of boring	
111		SB38_6-8	6 - 8		Native interval below historic fill	
112	SB39	SB39_0-2	0 - 2	8/3/2020	Surficial soil	
113		SB39_18-20	18 - 20		Bottom of boring	
114		SB39_8-10	8 - 10		Within the historic fill	

**Table 1
Remedial Investigation Report
Sample Summary**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Sample No.	Boring(s)	Sample ID	Sample Depth/ Screened Interval (feet bgs)	Sample Date	Rationale	Laboratory Analyses																					
115	SB4E1	SB4E1_0-2	0 - 2	7/27/2020	Mercury Delineation	Mercury																					
116		SB4E1_10-12	10 - 12																								
117		SB4E1_14-16	14 - 16																								
118		SB4E1_16-18	16 - 18																								
119		SB4E1_18-20	18 - 20																								
120	SB4E1_2-4	2 - 4																									
121	SB4E1_6-8	6 - 8																									
122	SB4E2_0-2	0 - 2	7/28/2020	Mercury Delineation			Mercury																				
123	SB4E2_12-14	12 - 14																									
124	SB4E2_14-16	14 - 16																									
125	SB4E2_16-18	16 - 18																									
126	SB4E2_18-20	18 - 20																									
127	SB4E2_2-4	2 - 4																									
128	SB4E2_4-6	4 - 6																									
129	SB4E2_6-8	6 - 8																									
130	SB4E2_8-10	8 - 10																									
131	SB4N1_0-2	0 - 2						7/28/2020	Mercury Delineation	Mercury																	
132	SB4N1_10-12	10 - 12																									
133	SB4N1_12-14	12 - 14																									
134	SB4N1_14-16	14 - 16																									
135	SB4N1_16-18	16 - 18																									
136	SB4N1_18-20	18 - 20																									
137	SB4N1_2-4	2 - 4																									
138	MDUP03_072820																										
139	SB4N1_4-6	4 - 6																									
140	SB4N1_6-8	6 - 8																									
141	SB4N1_8-10	8 - 10	8/26/2020					Mercury Delineation			Mercury																
142	SB4N3_0-2	0 - 2																									
143	SB4N3_10-12	10 - 12																									
144	SB4N3_2-3	2 - 3																									
145	SB4N3_6-8	6 - 8																									
146	SB4N3_9-10	9 - 10																									
147	SB4NE3_0-2	0 - 2																									
148	MDUP08_08262020																										
149	SB4NE3_10-12	10 - 12																									
150	SB4NE3_13-14	13 - 14																									
151	SB4NE3_14-16	14 - 16																									
152	SB4NE3_2-4	2 - 4																									
153	SB4NE3_5-6	5 - 6																									
154	SB4NE3_6-8	6 - 8																									
155	SB4NE3_9-10	9 - 10																									
156	SB4NW3_0-2	0 - 2	8/26/2020									Mercury Delineation	Mercury														
157	SB4NW3_10-12	10 - 12																									
158	SB4NW3_12-14	12 - 14																									
159	SB4NW3_14-16	14 - 16																									
160	SB4NW3_2-3	2 - 3																									
161	SB4NW3_4-6	4 - 6																									
162	SB4NW3_6-8	6 - 8																									
163	SB4NW3_9-10	9 - 10																									
164	SB4R_0-2	0 - 2												7/27/2020	Mercury Delineation	Mercury											
165	SB4R_10-12	10 - 12																									
166	SB4R_14-16	14 - 16																									
167	SB4R_18-20	18 - 20																									
168	MDUP01_072720																										
169	SB4R_2-4	2 - 4																									
170	SB4R_20-22	20 - 22																									
171	SB4R_4-6	4 - 6																									
172	SB4R_6-8	6 - 8																									
173	SB4S2_0-2	0 - 2	7/29/2020														Mercury Delineation	Mercury									
174	SB4S2_10-12	10 - 12																									
175	SB4S2_12-14	12 - 14																									
176	SB4S2_14-16	14 - 16																									
177	SB4S2_16-18	16 - 18																									
178	SB4S2_18-19	18 - 19																									
179	SB4S2_18-20	18 - 20																									
180	SB4S2_2-4	2 - 4																									
181	SB4S2_22-23	22 - 23																									
182	SB4S2_4-6	4 - 6																									
183	SB4S2_6-8	6 - 8	8/26/2020											Mercury Delineation					Mercury								
184	SB4S2_8-10	8 - 10																									
185	SB4S3_0-2	0 - 2																									
186	SB4S3_10-12	10 - 12																									
187	SB4S3_13-14	13 - 14																									
188	SB4S3_14-16	14 - 16																									
189	SB4S3_2-3	2 - 3																									
190	SB4S3_5-6	5 - 6																									
191	SB4S3_6-8	6 - 8																									
192	SB4S3_8-10	8 - 10																									
193	SB4SE3_0-2	0 - 2	8/26/2020																	Mercury Delineation	Mercury						
194	SB4SE3_10-12	10 - 12																									
195	SB4SE3_12-14	12 - 14																									
196	SB4SE3_14-16	14 - 16																									
197	SB4SE3_2-4	2 - 4																									
198	SB4SE3_4-6	4 - 6																									
199	SB4SE3_6-8	6 - 8																									
200	SB4SE3_8-10	8 - 10																									
201	SB4SW3_0-2	0 - 2																									
202	SB4SW3_10-12	10 - 12																									
203	SB4SW3_2-3	2 - 3																									
204	SB4SW3_4-6	4 - 6																									
205	MDUP09_08262020		7/29/2020																			Mercury Delineation	Mercury				
206	SB4SW3_6-8	6 - 8																									
207	SB4SW3_8-10	8 - 10																									
208	SB4W1_0-2	0 - 2																									
209	SB4W1_10-12	10 - 12																									
210	SB4W1_12-14	12 - 14																									
211	SB4W1_14-16	14 - 16																									
212	SB4W1_16-18	16 - 18																									
213	SB4W1_18-20	18 - 20																									
214	SB4W1_2-4	2 - 4																									
215	SB4W1_4-6	4 - 6																									
216	SB4W1_6-8	6 - 8																									
217	SB4W1_8-10	8 - 10																									
218	MDUP02_072720		7/29/2020																					Mercury Delineation	Mercury		
219	SB4W2_0-2	0 - 2																									
220	SB4W2_10-12	10 - 12																									
221	SB4W2_12-14	12 - 14																									
222	SB4W2_14-16	14 - 16																									
223	MDUP06_072920																										
224	SB4W2_16-18	16 - 18																									
225	SB4W2_18-20	18 - 20																									
226	SB4W2_2-4	2 - 4																									
227	MDUP04_072920																										
228	SB4W2_4-6	4 - 6																									
229	MDUP05_072920																										
230	SB4W2_6-8	6 - 8																									
231	SB4W2_8-10	8 - 10																									
232	SB4W3_0-2	0 - 2	8/26/2020																							Mercury Delineation	Mercury
233	SB4W3_10-12	10 - 12																									
234	SB4W3_2-4	2 - 4																									
235	SB4W3_4-6	4 - 6																									
236	SB4W3_6-8	6 - 8																									
237	SB4W3_8-10	8 - 10																									
238	MDUP10_08262020																										

**Table 1
Remedial Investigation Report
Sample Summary**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Sample No.	Boring(s)	Sample ID	Sample Depth/ Screened Interval (feet bgs)	Sample Date	Rationale	Laboratory Analyses		
Groundwater								
1	MW11	MW11_090120	0 - 20	9/1/2020	Investigate Site-wide groundwater quality	VOCs, SVOCs, Pesticides, Herbicides, PCBs, Trivalent Chromium, Metals (Total & Dissolved), Hexavalent Chromium (Total), Mercury (Total & Dissolved), Cyanide, Emerging Contaminants		
2	MW15	MW15_090120	0 - 32					
3	MW17	MW17_090120	0 - 30					
4	MW25	MW25_090120	0 - 30					
5	MW26	MW26_090220	0 - 20	9/2/2020	Delineate open spill no. 1507371			
6	MW28	MW28_090120	0 - 20	9/1/2020				
7	MW30	MW30_090220	0 - 32	9/2/2020				
8	GWDUP01_090220							
9	MW31	MW31_090220	0 - 28					
10	MW32	MW32_090220	0 - 28					
11	MW33	MW33_090220	0 - 20					
12	MW34	MW34_090220	0 - 20					
Soil Vapor								
1	AA02	AA02_070920	NA	7/9/2020	Investigate Site-wide soil vapor quality	Mercury and VOCs		
2	SV12	SV12_070920		7/9/2020				
3	SV14	SV14_070920		7/9/2020				
4	SV17	SV17_070920		7/9/2020				
5		DUP01_070920		7/9/2020				
6	SV19	SV19_070920		7/9/2020				
7	SV21	SV21_070920		7/9/2020				
8	SV23	SV23_070920		7/9/2020				
9	SV24	SV24_070920		7/9/2020				
10	SV28	SV28_070920		7/9/2020				
11	SV29	SV29_070920		7/9/2020				
12	SV30	SV30_070920		7/9/2020				
13	SV32	SV32_070920		7/9/2020				
14	SV37	SV37_070920		7/9/2020				
15	SV38	SV38_080320		8/3/2020			Investigate potential mercury impacts in voids spaces	Mercury
16	SV39	SV39_080320		8/3/2020				
17	V1	V1_070920		7/9/2020				
18	V3	V3_070920		7/9/2020				
19	V5	V5_070920		7/9/2020				
Soil Vapor Quality Assurance/Quality Control								
1	NA	FB01_070920	NA	7/9/2020	QA/QC	Mercury		
2		SVFB02_080320	NA	8/3/2020				
Quality Assurance/Quality Control								
1	NA	EB01_072920	NA	7/29/2020	QA/QC	Emerging Contaminants		
2		EB01_081720		8/17/2020				
3		EB01_081820		8/18/2020				
4		EB01_08192020		8/19/2020				
5		EB01_08202020		8/20/2020				
6		EB01_08212020		8/21/2020				
7		EB01_082420		8/24/2020				
8		EB01_08252020		8/25/2020				
9		EB03_073020		7/30/2020				
10		EB03_073120		7/31/2020				
11		EB04_080320		8/3/2020				
12		FB01_08192020		8/19/2020				
13		FB01_08202020		8/20/2020				
14		FB01_08212020		8/21/2020				
15		GWEB01_090120		9/1/2020				
16		GWEB01_090220		9/2/2020				
17		GWFB02_090220		9/2/2020				
18		GWFB03_090120		9/1/2020				
19		GWFB04_090220		9/2/2020				
20		MFB01_072820		7/28/2020				
21		MFB02_072820						
22		MFB03_072920						
23		MFB04_072920						
24		MFB05_072920						
25		MFB06_072920						
26		MFB07_072920						
27		MFB08_08262020						
28		MFB09_08262020		8/26/2020				
29		MFB10_08262020		8/26/2020				
30		SOFB01_073020		7/30/2020				
31		SOFB02_073120		7/31/2020				
32		SOFB03_081820		8/18/2020				
33		SOFB04_08212020		8/21/2020				
34		TB01_072820		7/28/2020				
35		TB01_081820		8/18/2020				
36		TB01_08192020		8/19/2020				
37		TB01_08202020		8/20/2020				
38		TB01_08212020		8/21/2020				
39		TB01_082420		8/24/2020				
40		TB01_090220		9/2/2020				
41		TB02_072920		7/29/2020				
42		TB02_090120		9/1/2020				
43		TB03_073020		7/30/2020				
44		TB04_073120		7/31/2020				
45		TB05_080320		8/3/2020				
Quality Assurance/Quality Control								
						VOCs, SVOCs, Pesticides, Herbicides, PCBs, Trivalent Chromium, Metals (Total & Dissolved), Hexavalent Chromium, Mercury (Total & Dissolved), Cyanide		
						Emerging Contaminants		
						Mercury		
						VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals (Total), Hexavalent Chromium (Dissolved), Mercury, Cyanide, Emerging Contaminants		
						VOCs, SVOCs, Pesticides, Herbicides, PCBs, Metals (Total), Trivalent Chromium (Dissolved), Hexavalent Chromium (Dissolved), Mercury, Cyanide,		
						VOCs		

- Notes:**
- Part 375 = New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375
 - VOCs = Part 375/Target Compound List (TCL)-listed volatile organic compounds by United States Environmental Protection Agency (USEPA) Method 8260C for soil/groundwater samples and by USEPA Method TO-15 for soil vapor samples
 - SVOCs = Part 375/TCL-listed semivolatile organic compounds by USEPA Method 8270D
 - Pesticides = Part 375/TCL-listed pesticides by USEPA Method 8081B
 - Herbicides = Part 375/TCL-listed pesticides by USEPA Method 8151A
 - PCBs = Part 375/TCL-listed polychlorinated biphenyls by USEPA Method 8082A
 - Metals = Part 375/Target Analyte List (TAL)-listed metals by USEPA Method 6010D/7471B for soil samples and USEPA Method 6020B/7471A for groundwater samples
 - Cyanide = Total cyanide by USEPA Method 9010C/9012B
 - Emerging Contaminants = 1,4-Dioxane by USEPA Method 8270D-SIM and New York 21-List Per- and Polyfluoroalkyl Substances (PFAS) by USEPA Method 537
 - Mercury by NIOSH Method 6009 for soil vapor samples
 - TOC = total organic carbon
 - COD = chemical oxygen demand
 - BOD = biological oxygen demand
 - TPH = total petroleum hydrocarbon
 - DRO = diesel range organic
 - GRO = gasoline range organics
 - QA/QC - Quality assurance/quality control
 - NA = Not applicable
 - * = Remedial design sample location and depth

Table 2
Well Construction and Groundwater Elevation Data Summary
Remedial Investigation Report

250 Water Street
New York, New York
BCP Site No.: C231127
Langan Project No. 170381202

Well ID	Top of Pipe Elevation (feet NAVD88)	Screened Interval (feet below grade surface)	Depth of Boring (feet below grade surface)	Date Gauged	Depth to Groundwater (feet below grade surface)	Groundwater Elevation (feet NAVD88)	Date Gauged	Depth to Groundwater (feet below grade surface)	Groundwater Elevation (feet NAVD88)
MW-11	9.03	5 to 15	15	9/3/2020	9.62	-0.59	10/10/2020	9.85	-0.82
MW-15	14.83	12 to 22	22	9/3/2020	15.39	-0.56	10/10/2020	15.48	-0.65
MW-17	8.79	7 to 17	17	9/3/2020	9.53	-0.74	10/10/2020	9.82	-1.03
MW-25	14.52	12 to 22	22	9/3/2020	15.18	-0.66	10/10/2020	15.45	-0.93
MW-26	11.54	11 to 21	21	9/3/2020	12.24	-0.70	10/10/2020	12.49	-0.95
MW-28	7.57	4 to 14	14	9/3/2020	8.12	-0.55	10/10/2020	8.42	-0.85
MW-30	11.88	12 to 22	22	9/3/2020	12.52	-0.64	10/10/2020	12.82	-0.94
MW-31	9.45	8 to 18	18	9/3/2020	10.21	-0.76	10/10/2020	10.47	-1.02
MW-32	7.84	9 to 19	19	9/3/2020	8.65	-0.81	10/10/2020	8.94	-1.10
MW-33	9.68	9 to 19	19	9/3/2020	10.39	-0.71	10/10/2020	10.69	-1.01
MW-34	8.7	9 to 19	19	9/3/2020	9.43	-0.73	10/10/2020	9.74	-1.04

Notes:

1. bgs = below grade surface
2. Elevations refer to the North American Vertical Datum of 1988 (NAVD88).
3. Monitoring wells were surveyed by Langan on September 9, 2020.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted- Residential SCOs	SB01 SB01_7-8 10/3/2015 7-8	SB01 SB01_11-12 10/3/2015 11-12	SB02 SB02_12-13 10/3/2015 12-13	SB03 SB3_13.5-14.5 10/3/2015 13.5-14.5	SB03 SB3_19-20 10/3/2015 19-20	SB04 SB04_3-4 10/3/2015 3-4	SB04 SB04_13-14 10/3/2015 13-14	SB05 SB5_3-4 10/3/2015 3-4	SB05 SB5_9-10 10/3/2015 9-10	SB06 SB6_2-3 10/3/2015 2-3	SB06 SB6_6.5-7.5 10/3/2015 6.5-7.5	SB07 SB7_13-14 10/3/2015 13-14	SB07 SB7_18-19 10/3/2015 18-19
Volatile Organic Compounds (mg/kg)															
1,1,1-Tetrachloroethane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
1,1,1,1-Tetrachloroethane	0.68	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	-	-	0.0021 U	0.002 U	0.0018 U	2.1 U	0.002 U	0.002 U	0.0017 U	0.0022 U	0.0016 U	0.0022 U	0.0016 U	0.0018 U	0.0016 U
1,1-Dichloroethane	0.27	26	0.0021 U	0.002 U	0.0018 U	2.1 U	0.002 U	0.002 U	0.0017 U	0.0022 U	0.0016 U	0.0022 U	0.0016 U	0.0018 U	0.0016 U
1,1-Dichloroethane	0.33	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
1,1-Dichloropropene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2,3-Trichlorobenzene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2,3-Trichloropropane	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
1,2,4,5-Tetramethylbenzene	-	-	0.0056 U	0.0054 U	0.0047 U	5.7 U	0.0052 U	0.0052 U	0.0047 U	0.006 U	0.0049 U	0.006 U	0.0049 U	0.0044 U	0.0044 U
1,2,4-Trichlorobenzene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2,4-Trimethylbenzene	3.6	92	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2-Dibromo-3-Chloropropane	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.0056 U	0.0054 U	0.0047 U	5.7 U	0.0052 U	0.0052 U	0.0047 U	0.006 U	0.0049 U	0.006 U	0.0049 U	0.0044 U	0.0044 U
1,2-Dichlorobenzene	1.1	100	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
1,2-Dichloropropane	-	-	0.0049 U	0.0047 U	0.0041 U	4.1 U	0.0046 U	0.0046 U	0.0041 U	0.0052 U	0.0038 U	0.0052 U	0.0038 U	0.0042 U	0.0038 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,3-Dichlorobenzene	2.4	49	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,3-Dichloropropane	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,4-Dichlorobenzene	1.8	13	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
1,4-Diethyl Benzene	-	-	0.0056 U	0.0054 U	0.0047 U	4.8 U	0.0052 U	0.0052 U	0.0047 U	0.006 U	0.0049 U	0.006 U	0.0049 U	0.0044 U	0.0044 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.14 U	0.14 U	0.12 U	1.4 U	0.13 U	0.13 U	0.12 U	0.15 U	0.11 U	0.15 U	0.11 U	0.12 U	0.11 U
2,2-Dichloropropane	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
2-Chlorotoluene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
2-Hexanone	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
4-Chlorotoluene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
4-Toluenolene	-	-	0.0056 U	0.0054 U	0.0047 U	4.8 U	0.0052 U	0.0052 U	0.0047 U	0.006 U	0.0049 U	0.006 U	0.0049 U	0.0044 U	0.0044 U
Acetone	0.05	100	0.014 U	0.014 U	0.012 U	1.9 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Acrylonitrile	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Benzene	0.06	4.8	0.00033 J	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Bromobenzene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
Bromochloromethane	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
Bromodichloromethane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Bromoform	-	-	0.0056 U	0.0054 U	0.0047 U	5.7 U	0.0052 U	0.0052 U	0.0047 U	0.006 U	0.0049 U	0.006 U	0.0049 U	0.0044 U	0.0044 U
Bromomethane	-	-	0.0028 U	0.0027 U	0.0023 U	2.8 U	0.0026 U	0.0026 U	0.0023 U	0.003 U	0.0021 U	0.003 U	0.0022 U	0.0024 U	0.0021 U
Carbon Disulfide	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Chlorobenzene	1.1	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Chloroethane	-	-	0.0028 U	0.0027 U	0.0023 U	2.8 U	0.0026 U	0.0026 U	0.0023 U	0.003 U	0.0021 U	0.003 U	0.0022 U	0.0024 U	0.0021 U
Chloroform	0.37	49	0.0021 U	0.002 U	0.0018 U	2.1 U	0.002 U	0.002 U	0.0017 U	0.0022 U	0.0016 U	0.0022 U	0.0016 U	0.0018 U	0.0016 U
Chloromethane	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
Cis-1,2-Dichloroethane	0.25	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Cymene	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Dibromochloromethane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Dibromomethane	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Dichlorodifluoromethane	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Diethyl Ether (Ethyl Ether)	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
Ethylbenzene	1	41	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
Hexachlorobutadiene	-	-	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
Isopropylbenzene (Cumene)	-	-	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
M,P-Xylene	-	-	0.0028 U	0.0027 U	0.0023 U	2.8 U	0.0026 U	0.0026 U	0.0023 U	0.003 U	0.0021 U	0.003 U	0.0022 U	0.0024 U	0.0021 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	-	-	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Methylene Chloride	0.05	100	0.014 U	0.014 U	0.012 U	1.4 U	0.013 U	0.013 U	0.012 U	0.015 U	0.011 U	0.015 U	0.011 U	0.012 U	0.011 U
Naphthalene	12	100	0.007 U	0.0068 U	0.0058 U	7.1 U	0.0068 U	0.0068 U	0.0058 U	0.0075 U	0.0054 U	0.0074 U	0.0055 U	0.006 U	0.0054 U
n-Butylbenzene	12	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U	0.0013 U	0.0012 U	0.0015 U	0.0011 U	0.0015 U	0.0011 U	0.0012 U	0.0011 U
n-Propylbenzene	3.9	100	0.0014 U	0.0014 U	0.0012 U	1.4 U	0.0013 U								

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375	NYSDEC Part 375	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	
Sample ID	Unrestricted Use	Restricted Use	SB01 7-8	SB01 11-12	SB02 12-13	SB03 13.5-14.5	SB03 19-20	SB04 3-4	SB04 13-14	SB05 3-4	SB05 9-10	SB06 2-3	SB06 6.5-7.5	SB07 13-14	SB07 18-19	
Laboratory ID	SCOs	Restricted-Residential SCOs	L1525052-08	L1525052-19	L1525052-20	L1525052-08	L1525052-08	L1525052-21	L1525052-12	L1525052-22	L1525052-01	L1525052-16	L1525052-17	L1525052-09	L1525052-04	
Sample Date			10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	
Sample Depth (feet bgs)			7-8	11-12	12-13	13.5-14.5	19-20	3-4	13-14	3-4	9-10	2-3	6.5-7.5	13-14	18-19	
Semivolatile Organic Compounds (mg/kg)																
1,2,4,5-Tetrachlorobenzene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
1,2,4-Trichlorobenzene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
1,2-Dichlorobenzene	1.1	100	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
1,3-Dichlorobenzene	2.4	49	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
1,4-Dichlorobenzene	1.6	13	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
1,4-Dioxane (P-Dioxane)	0.1	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,5-Trichlorophenol	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2,4,6-Trichlorophenol	-	-	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	
2,4-Dichlorophenol	-	-	0.17 U	0.18 U	0.17 U	0.18 U	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	
2,4-Dimethylphenol	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2,4-Dinitrophenol	-	-	0.91 U	0.96 U	0.9 U	0.95 U	0.98 U	0.91 U	0.85 U	0.94 U	0.94 U	0.98 U	0.96 U	0.93 U	0.97 U	
2,4-Dinitrotoluene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2,6-Dinitrotoluene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2-Chloronaphthalene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2-Chlorophenol	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2-Methylnaphthalene	-	-	0.06 J	0.24 U	0.22 U	0.24 U	0.23 U	0.21 U	0.21 U	0.24 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	
2-Methylphenol (o-Cresol)	0.33	100	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2-Nitroaniline	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
2-Nitrophenol	-	-	0.41 U	0.43 U	0.4 U	0.43 U	0.44 U	0.41 U	0.38 U	0.42 U	0.42 U	0.44 U	0.43 U	0.42 U	0.44 U	
3,4-Dimethylphenol (m-Cresol)	0.33	100	0.29 U	0.27 U	0.27 U	0.29 U	0.27 U	0.25 U	0.25 U	0.27 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	
3,3'-Dichlorobenzidine	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
3-Nitroaniline	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4,6-Dinitro-2-Methylphenol	-	-	0.49 U	0.52 U	0.49 U	0.51 U	0.53 U	0.49 U	0.46 U	0.51 U	0.51 U	0.53 U	0.52 U	0.5 U	0.53 U	
4-Bromophenyl Phenyl Ether	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4-Chloro-3-Methylphenol	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4-Chloroaniline	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4-Chlorophenyl Phenyl Ether	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4-Methylphenol (p-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
4-Nitrophenol	-	-	0.26 U	0.28 U	0.26 U	0.28 U	0.29 U	0.26 U	0.25 U	0.28 U	0.28 U	0.29 U	0.28 U	0.27 U	0.28 U	
Acenaphthene	20	100	0.12 J	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.14 U	0.15 U	0.16 U	0.12 J	0.16 U	0.15 U	0.16 U	
Acenaphthylene	100	100	0.093 J	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.14 U	0.18 U	0.057 J	0.22 U	0.16 U	0.15 U	0.16 U	
Acetophenone	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Anthracene	100	100	0.42 U	0.12 U	0.11 U	0.12 U	0.12 U	0.042 J	0.1 U	0.45 U	0.052 J	0.25 U	0.12 U	0.12 U	0.12 U	
Benzolanthracene	1	1	0.92 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.11 U	0.09 J	0.1 J	0.1 J	0.12 U	0.12 U	
Benzofluoranthene	1	1	0.73 U	0.058 J	0.15 U	0.16 U	0.16 U	0.12 J	0.14 U	0.10 U	0.056 J	0.91 U	0.15 J	0.15 U	0.16 U	
Benzobifluoranthene	1	1	0.99 U	0.12 U	0.11 U	0.12 U	0.12 U	0.1 U	0.1 U	0.13 U	0.13 U	0.16 U	0.16 U	0.12 U	0.12 U	
Benzol[h]Perylene	100	100	0.49 U	0.16 U	0.15 U	0.16 U	0.16 U	0.057 J	0.14 U	0.68 U	0.066 J	0.74 U	0.091 J	0.15 U	0.16 U	
Benzofluoranthene	0.8	3.9	0.34 U	0.12 U	0.11 U	0.12 U	0.12 U	0.046 J	0.1 U	0.49 U	0.046 J	0.51 U	0.06 J	0.12 U	0.12 U	
Benzic Acid	-	-	0.61 U	0.65 U	0.6 U	0.64 U	0.66 U	0.61 U	0.57 U	0.64 U	0.64 U	0.66 U	0.65 U	0.63 U	0.66 U	
Benzyl Alcohol	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Benzyl Butyl Phthalate	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Biphenyl (Diphenyl)	-	-	0.43 U	0.46 U	0.43 U	0.45 U	0.47 U	0.43 U	0.4 U	0.45 U	0.45 U	0.47 U	0.46 U	0.44 U	0.46 U	
Bis(2-chloroethyl) methane	-	-	0.2 U	0.22 U	0.2 U	0.2 U	0.22 U	0.2 U	0.19 U	0.21 U	0.21 U	0.22 U	0.22 U	0.21 U	0.22 U	
Bis(2-chloroethyl) ether (2-chloroethyl ether)	-	-	0.17 U	0.18 U	0.17 U	0.18 U	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	
Bis(2-chloropropyl) ether	-	-	0.23 U	0.24 U	0.22 U	0.24 U	0.24 U	0.23 U	0.21 U	0.24 U	0.24 U	0.25 U	0.24 U	0.23 U	0.24 U	
Bis(2-ethylhexyl) phthalate	-	-	0.14 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Carbazole	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Chrysene	1	3.9	0.99 U	0.12 U	0.11 U	0.12 U	0.12 U	0.1 J	0.1 U	0.11 U	0.092 J	0.11 U	0.11 U	0.12 U	0.12 U	
Dibenz[a,h]anthracene	0.33	0.33	0.14 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.12 U	0.12 U	0.18 U	0.12 U	0.12 U	0.12 U	
Dibenzofuran	7	59	0.13 J	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Dibutyl phthalate	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Diethyl phthalate	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Dimethyl phthalate	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Dioctyl phthalate	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Fluoranthene	100	100	1.9 U	0.12 U	0.11 U	0.066 J	0.12 U	0.24 U	0.1 U	0.28 U	0.16 U	2.3 U	0.14 U	0.12 U	0.12 U	
Fluorene	30	100	0.15 J	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.1 J	0.2 U	0.19 U	0.2 U	
Hexachlorobenzene	0.33	1.2	0.11 U	0.12 U	0.11 U	0.12 U	0.12 U	0.11 U	0.1 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	
Hexachlorocyclopentadiene	-	-	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	
Hexachlorocyclopentadiene	-	-	0.54 U	0.57 U	0.53 U	0.57 U	0.58 U	0.54 U	0.5 U	0.56 U	0.56 U	0.59 U	0.57 U	0.55 U	0.58 U	
Hexachloroethane	0.5	0.5	0.15 U	0.16 U	0.15 U	0.16 U	0.16 U	0.15 U	0.14 U	0.16 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	
Indeno[1,2,3-cd]pyrene	-	-	0.47 U	0.057 J	0.15 U	0.16 U	0.16 U	0.1 J	0.14 U	0.16 U	0.068 J	0.72 U	0.13 J	0.15 U	0.16 U	
Isophorone	-	-	0.17 U	0.18 U	0.17 U	0.18 U	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U	0.18 U	0.17 U	0.17 U	0.18 U	
Naphthalene	12	100	0.097 J	0.2 U	0.19 U	0.2 U	0.2 U	0.19 U	0.18 U	0.2 U	0.2 U	0.089 J	0.2 U	0.19 U	0.2 U	
Nitrobenzene	-	-	0.17 U	0.18 U	0.17 U	0.18 U	0.18 U	0.17 U	0.16 U	0.18 U	0.18 U	0.18 U				

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	
			SB01 7-8 10/3/2015 7-8	SB01 11-12 10/3/2015 11-12	SB02 12-13 10/3/2015 12-13	SB03 13.5-14.5 L1525952-19 10/3/2015 13.5-14.5	SB03 19-20 L1525952-08 10/3/2015 19-20	SB04 3-4 L1525952-22 10/3/2015 3-4	SB04 13-14 L1525952-22 10/3/2015 13-14	SB05 9-10 L1525952-12 10/3/2015 9-10	SB05 9-10 L1525952-01 10/3/2015 9-10	SB06 2-3 L1525952-16 10/3/2015 2-3	SB06 6.5-7.5 L1525952-09 10/3/2015 6.5-7.5	SB07 13-14 L1525952-17 10/3/2015 13-14	SB07 16-19 L1525952-04 10/3/2015 16-19	
Pesticides (mg/kg)																
4,4'-DDE	0.0033	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,4'-DDT	0.0033	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Aldrin	0.005	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha BHC (Alpha Hexachlorocyclohexane)	0.02	0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha Chlordane	0.094	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Alpha Endosulfan	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Beta Endosulfan	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Delta Bhc (Delta Hexachlorocyclohexane)	0.04	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dieldrin	0.005	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Endosulfan Sulfate	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Erdin	0.014	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gamma Bhc (Lindane)	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Heptachlor	0.042	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Herbicides (mg/kg)																
Glyphosate	3.5	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Polychlorinated Biphenyls (mg/kg)																
PCB-1016 (Aroclor 1016)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1221 (Aroclor 1221)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1232 (Aroclor 1232)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1242 (Aroclor 1242)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1248 (Aroclor 1248)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1254 (Aroclor 1254)	-	-	4.57	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1260 (Aroclor 1260)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1262 (Aroclor 1262)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
PCB-1268 (Aroclor 1268)	-	-	0.367	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
Total PCBs	0.1	1	4.57	U	0.0394	U	0.037	U	0.0383	U	0.04	U	0.0364	U	0.0385	U
Inorganics (mg/kg)																
Aluminum	-	-	4,200	-	7,300	-	2,600	-	5,000	-	2,500	-	6,900	-	3,900	-
Antimony	-	-	4.4	-	4.7	-	4.4	-	4.6	-	4.8	-	1.6	-	4.4	-
Arsenic	13	16	27	U	2.7	U	3.4	U	2.7	U	3	U	4.2	U	4.8	U
Barium	350	400	420	U	88	U	22	U	33	U	17	U	39	U	80	U
Beryllium	7.2	72	0.25	U	0.42	U	0.26	U	0.3	U	0.16	U	0.33	U	0.2	U
Cadmium	2.5	4.3	0.21	U	0.94	U	0.89	U	0.93	U	0.96	U	0.86	U	0.81	U
Calcium	-	-	45,000	-	65,000	-	1,300	-	860	-	1,100	-	24,000	-	1,600	-
Chromium, Hexavalent	1	110	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Chromium, Total	-	-	16	-	14	-	6.8	-	13	-	6.1	-	14	-	9.7	-
Chromium, Trivalent	30	160	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Cobalt	-	-	3	-	4.5	-	2.8	-	3.6	-	3.2	-	5.8	-	4.5	-
Copper	50	270	240	U	82	U	8.9	U	9.8	U	8.6	U	83	U	20	U
Cyanide	27	27	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Iron	-	-	15,000	-	9,900	-	6,700	-	9,900	-	6,200	-	12,000	-	8,200	-
Lead	63	400	1,400	U	150	U	2.1	U	4.6	U	4.8	U	340	U	4.1	U
Magnesium	-	-	4,200	-	7,400	-	2,000	-	2,200	-	2,600	-	4,400	-	4,300	-
Manganese	1,600	2,000	270	U	440	U	70	U	160	U	770	U	200	U	320	U
Mercury	0.15	0.81	0.76	U	0.24	U	0.1	U	0.04	U	0.03	U	0.3	U	2	U
Nickel	30	310	12	-	29	-	10	-	29	-	25	-	27	-	34	-
Potassium	-	-	850	-	1,200	-	660	-	870	-	520	-	1,300	-	780	-
Selenium	3.9	180	1.8	-	9.8	-	1.8	-	1.9	-	1.9	-	1.6	-	1.6	-
Silver	7	160	0.89	U	0.84	U	0.83	U	0.96	U	4.2	U	0.52	U	0.96	U
Sodium	-	-	690	-	1,000	-	110	-	260	-	180	-	220	-	130	-
Thallium	-	-	1.8	-	1.9	-	1.8	-	1.9	-	1.9	-	1.7	-	1.6	-
Vanadium	-	-	14	-	17	-	13	-	6.9	-	16	-	11	-	51	-
Zinc	109	10,000	490	U	58	U	37	U	15	U	12	U	99	U	21	U
Per and Polyfluoroalkyl Substances (ppb)																
N-ethyl perfluorooctane-sulfonamideacetic Acid (NEFOSAA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
N-methyl perfluorooctane-sulfonamideacetic Acid (NMeFOSAA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorobutanoic Acid (PFBA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorodecanesulfonic Acid (PFDS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorodecanoic Acid (PFDA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorododecanesulfonic Acid (PFDSA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluoroheptanesulfonic Acid (PFHPS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluoroheptanoic Acid (PFHPA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorohexanesulfonic Acid (PFHxS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorohexanoic Acid (PFHxA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorononanesulfonic Acid (PFNA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorooctanesulfonamide (FOSA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorooctanesulfonic Acid (PFOS)	0.98	44	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorooctanoic Acid (PFOA)	0.66	33	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluoropentanoic Acid (PFPeA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluorotetradecanoic Acid (PFTTA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluoroundecanoic Acid (PFUdA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Perfluoroundecanoic Acid (PFUnA)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (B:2) (B:2FTS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (B:2) (B:2FTS)	-	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-	NA	-

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

**Table 3A
Remedial Investigation Report
Soil Sample Analytical Results**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Location Sample ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	SB08 SB8 2-3 L1525952-06 10/3/2015 2-3	SB08 SB8 19-20 L1525952-05 10/3/2015 19-20	SB08 SB8 27-28 L1525952-03 10/3/2015 27-28	SB09 SB9 7-8 L1525952-10 10/3/2015 7-8	SB09 SB9 13-14 L1525952-11 10/3/2015 13-14	SB09 SB9 19-20 L1525952-02 10/3/2015 19-20	SB10 SB10 7-8 L1525952-14 10/3/2015 7-8	SB10 SB10 10-11 L1525952-15 10/3/2015 10-11	SB10 SB10 10-11 L1525952-15 10/3/2015 10-11	SB11 DUP01 100315 10/3/2015 10-11	SB11 SB11 0-2 8/19/2020 0-2	SB11 SB11 6-8 8/19/2020 6-8	SB11 SB11 18-20 8/19/2020 18-20	SB11 SOU004 081920 8/19/2020 18-20				
Pesticides (mg/kg)																				
4,4'-DDE	0.0033	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
4,4'-DDT	0.0033	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
Aldrin	0.005	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0028	J+	0.002	U	0.0019	U		
Alpha BHC (Alpha Hexachlorocyclohexane)	0.02	0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	U	0.00098	U	0.00095	U		
Alpha Chlordane	0.094	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	U	0.00098	U	0.00095	U		
Alpha Endosulfan	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	U	0.00098	U	0.00095	U		
Beta BHC (Beta Hexachlorocyclohexane)	0.036	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001	U	0.0012	U	0.0011	U		
Beta Endosulfan	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001	U	0.0012	U	0.0011	U		
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001	U	0.0012	U	0.0011	U		
Dieldrin	0.005	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
Endosulfan Sulfate	2.4	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
Erdin	0.014	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
Gamma BHC (Lindane)	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	U	0.00098	U	0.00095	U		
Heptachlor	0.042	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	U	0.00098	U	0.00095	U		
Herbicides (mg/kg)																				
Glyphosate	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	U	0.002	U	0.0019	U		
Polychlorinated Biphenyls (mg/kg)																				
PCB-1016 (Aroclor 1016)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1221 (Aroclor 1221)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1232 (Aroclor 1232)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1242 (Aroclor 1242)	-	-	1.39	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1248 (Aroclor 1248)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1254 (Aroclor 1254)	-	-	0.94	U	0.0387	U	0.0359	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1260 (Aroclor 1260)	-	-	0.112	J	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1262 (Aroclor 1262)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
PCB-1268 (Aroclor 1268)	-	-	0.196	U	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
Total PCBs	0.1	1	2.44	J	0.0404	U	0.0387	U	0.0359	U	0.0364	U	0.0419	U	0.0399	U	0.04	U	0.0399	U
Inorganics (mg/kg)																				
Aluminum	-	-	5,900		2,600		2,700		11,000		5,000		2,500		6,400		3,600		4,400	
Antimony	-	-	1.9	J	4.8	U	4.8	U	4.5	U	0.83	J	5.2	U	4.8	U	4.9	U	4.9	U
Arsenic	16	7.8	2.6	J	2.6	J	2.6	J	8.2	J	2.6	J	2.6	J	3.3	J	1.9	J	3.6	J
Barium	350	400	200		18		32		80		28		16		20		55		82	
Beryllium	7.2	72	0.26	J	0.18	J	0.18	J	0.48	J	0.16	J	0.34	J	0.21	J	0.26	J	0.34	J
Cadmium	2.5	4.3	1.1		0.96	U	0.92	U	0.9	U	0.99	U	1.1	U	0.96	U	0.99	U	0.97	U
Calcium	-	-	62,000		1,200		610		41,000		810		860		870		860		860	
Chromium, Hexavalent	1	110	NA		NA		NA		NA		NA		NA		0.44	U	0.49	U	0.48	U
Chromium, Total	-	-	24		8.5		18		12		12		12		16		16		16	
Chromium, Trivalent	30	160	NA		NA		NA		NA		NA		12		16		16		16	
Cobalt	-	-	14		3		5.2		4		5.4		4.2		5		4		NA	
Copper	50	270	53		7.6		6.4		36		40		6.5		14		8.4		9.6	
Cyanide	27	27	NA		NA		NA		NA		NA		NA		NA		0.51	U	0.59	U
Iron	-	-	11,000		6,400		15,000		9,600		5,800		11,000		7,800		8,200		NA	
Lead	63	400	270		4.4	J	4.6	U	29		4.2		5.2	U	4.8	U	1.3	J	4.9	U
Magnesium	-	-	11,000		1,800		28,000		6,000		1,600		2,400		1,600		1,900		NA	
Manganese	1,600	2,000	270		140		130		1,100		230		46		130		100		150	
Mercury	0.18	0.81	0.47		0.04	J	0.03	J	0.56		8		0.09		0.06	J	0.04	J	0.37	
Nickel	30	310	28		14		17		23		15		10		76		25		31	
Potassium	-	-	1,100		570		650		2,500		1,500		520		670		640		770	
Selenium	3.9	180	1.9	U	1.9	U	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.9	U	0.73	U
Silver	7	160	0.93	U	0.96	U	0.9	U	0.89	U	1	U	0.96	U	0.99	U	0.97	U	0.19	J
Sodium	-	-	380		98	J	120	J	770		640		310		300		230		240	
Thallium	-	-	1.9	U	1.9	U	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.9	U	NA	
Vanadium	-	-	25		8		25		21		6		11		13		14		NA	
Zinc	109	10,000	340		14		12		32		32		6		17		16		36	J
Per and Polyfluoroalkyl Substances (ppb)																				
N-ethyl perfluorooctane-sulfonamideacetic Acid (NEFOSAA)	-	-	NA		NA		NA		NA		NA		NA		2	U	2.3	U	2.1	U
N-methyl perfluorooctane-sulfonamideacetic Acid (NMFOSAA)	-	-	NA		NA		NA		NA		NA		NA		2	U	2.3	U	2.1	U
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA		NA		NA		NA		NA		NA		2	U	2.3	U	2.1	U
Perfluorobutanoic Acid (PFBA)	-	-	NA		NA		NA		NA		NA		NA		2	U	2.3	U	2.1	U
Perfluorodecane-sulfonic Acid (PFDS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorodecane-sulfonic Acid (PFDA)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorodecane-sulfonic Acid (PFDA)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.63	U
Perfluorooctane-sulfonic Acid (PFOS)	-	-	NA		NA		NA		NA		NA		NA		0.59	U	0.7	U	0.	

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted- Residential SCOs	SB12 SB12, 1-3 410-11238-5 8/20/2020 1-3	SB12 SB12, 6-8 410-11239-9 8/20/2020 6-8	SB12 SB12, 14-16 410-11239-10 8/19/2020 14-16	SB13 SB13, 0-2 410-11057-4 8/19/2020 0-2	SB13 SB13, 4-6 410-11057-5 8/19/2020 4-6	SB13 SB13, 12-14 410-11238-6 8/19/2020 12-14	SB14 SB14, 0-2 410-11238-5 8/19/2020 0-2	SB14 SB14, 8-10 410-11238-6 8/19/2020 8-10	SB14 SB14, 18-20 410-11238-1 8/19/2020 18-20	SB15 SB15, 0-2 410-11238-1 8/19/2020 0-2	SB15 SB15, 8-10 410-11238-2 8/19/2020 8-10	SB15 SB15, 14-16 410-11238-3 8/19/2020 14-16	SB16 SB16, 0-2 410-11057-2 8/19/2020 0-2	SB16 SB16, 6-8 410-11057-3 8/19/2020 6-8	SB16 SB16, 10-12 410-11057-3 8/19/2020 10-12				
Volatiles Organic Compounds (mg/kg)																					
1,1,2,2-Tetrachloroethane	0.68	100	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,1,1-Trichloroethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,1,2-Trichloroethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2-Dichloroethane	0.27	26	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloroethane	0.33	100	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,1-Dichloropropene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2,3-Trichlorobenzene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2,3-Trichloropropane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2,4,5-Tetramethylbenzene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2,4-Trichlorobenzene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2,4-Trimethylbenzene	3.6	52	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dibromo-3-Chloropropane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2-Dibromoethane (Ethylene Dibromide)	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,2-Dichlorobenzene	1.1	100	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloroethane	0.02	3.1	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,2-Dichloropropane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,3-Dichlorobenzene	2.4	49	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,3-Dichloropropane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,4-Dichlorobenzene	1.8	13	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
1,4-Diethyl Benzene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.27 U	0.35 U	0.29 U	0.31 U	0.27 U	0.27 U	0.29 U	0.22 U	0.22 U	0.25 U	0.34 U	0.25 U	0.31 U	0.31 U	0.37 U	0.31 U	0.37 U	0.31 U	0.37 U
1,4-Dioxane (N-Dioxane)	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
2-Chlorotoluene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
2-Hexanone	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
4-Chlorotoluene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
4-Ethyltoluene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Acetone	0.05	100	0.014 U	0.028 U	0.023 U	0.056 J	0.022 U	0.08 J	0.25 J	0.051 J	0.16 J	0.079 J	0.18 J	0.15 J	0.08 J	0.067 J	0.034 J	0.034 J	0.034 J	0.034 J	0.034 J
Acrylonitrile	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Benzonitrile	0.06	4.8	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
Bromobenzene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Bromochloromethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Bromodichloromethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Bromoforn	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Bromomethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Carbon Disulfide	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Carbon Tetrachloride	0.76	2.4	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
Chlorobenzene	1.1	100	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloroethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Chloroform	0.37	49	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
Chloromethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Cis-1,2-Dichloroethane	0.25	100	0.0055 U	0.007 U	0.0057 U	0.0063 U	0.0055 U	0.0054 U	0.0058 U	0.0044 U	0.0045 U	0.0051 U	0.0068 U	0.0049 U	0.0062 U	0.0053 U	0.0063 U	0.006 U	0.006 U	0.006 U	0.006 U
Cis-1,3-Dichloropropene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Cymene	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Dibromochloromethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U
Dibromomethane	-	-	NA	0.0057 U	NA	0.0057 U	0.0063 U	NA	0.0054 U	NA	0.0044 U	NA	0.0045 U	NA	0.0051 U	NA	0.0062 U	NA	0.0063 U	NA	0.006 U

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	SB12	SB12	SB12	SB13	SB13	SB13	SB13	SB13	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB16	
Sample ID	SB12	SB12	SB12	SB13	SB13	SB13	SB13	SB13	SB14	SB14	SB14	SB15	SB15	SB15	SB16	SB16	SB16	
Laboratory ID	Unrestricted Use	Restricted Use	Restricted-Residential SCOs	Unrestricted Use	Restricted Use	Restricted-Residential SCOs	Unrestricted Use	Restricted Use	Restricted-Residential SCOs	Unrestricted Use	Restricted Use	Restricted-Residential SCOs	Unrestricted Use	Restricted Use	Restricted-Residential SCOs	Unrestricted Use	Restricted Use	
Sample Date	8/20/2020	8/20/2020	8/20/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	8/19/2020	
Sample Depth (feet bgs)	1-3	6-8	14-16	0-2	4-6	12-14	0-2	8-10	18-20	0-2	8-10	0-2	8-10	14-16	0-2	6-8	10-12	
Semivolatile Organic Compounds (mg/kg)																		
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	0.1	13	0.0094	UJ	0.0092	UJ	0.0018	UJ	0.0088	UJ	0.0094	UJ	0.0028	UJ	0.0097	UJ	0.0019	UJ
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol (o-Cresol)	0.33	100	0.075	U	0.073	U	0.073	U	0.35	UJ	0.076	UJ	0.076	UJ	0.077	UJ	0.076	UJ
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3,4-Methylphenol (m-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Methylphenol (p-Cresol)	0.33	100	0.065	J	0.065	U	0.065	U	0.36	UJ	0.067	UJ	0.067	UJ	0.067	UJ	0.067	UJ
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	20	100	0.23	J	0.017	J	0.018	U	1.1	J	0.26	J	0.0038	J	0.088	J	0.019	UJ
Acenaphthylene	100	100	1.1	J	0.13	J	0.0042	J	0.97	J	0.63	J	0.0076	J	0.23	J	0.019	U
Acetophenone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	100	100	1.3	J	0.11	J	0.018	U	3.2	J	1.2	J	0.0075	J	0.35	J	0.019	UJ
Benzo(a)anthracene	1	1	5.5	J	0.33	J	0.018	U	6.3	J	3.1	J	0.019	UJ	0.9	J	0.019	U
Benzo(b)fluoranthene	1	1	5.6	J	0.39	J	0.018	U	4.9	J	2.6	J	0.019	UJ	0.78	J	0.019	U
Benzo(k)fluoranthene	1	1	6.6	J	0.46	J	0.018	U	5.2	J	3.1	J	0.019	UJ	0.99	J	0.019	U
Benzo(a,h,i)perylene	100	100	3	J	0.32	J	0.018	U	3.3	J	1.8	J	0.019	U	0.58	J	0.019	U
Benzo(k)fluoranthene	0.8	3.9	2.1	J	0.19	J	0.018	U	2.2	J	1.1	J	0.019	UJ	0.42	J	0.019	U
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzyl Butyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bisphenyl Diphenyl	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethyl) methane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethyl) ether (2-chloroethyl ether)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	1	3.9	5.1	J	0.32	J	0.018	U	5.5	J	2.9	J	0.019	UJ	1	J	0.019	UJ
Dibenz(a,h)anthracene	0.33	0.33	0.83	J	0.064	J	0.018	U	0.73	J	0.49	J	0.019	UJ	0.18	J	0.019	U
Dibenzofuran	0.7	59	0.15	J	0.04	J	0.018	U	0.33	J	0.29	J	0.019	UJ	0.082	J	0.019	U
Diethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Diethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dioctyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	100	100	10	J	0.56	J	0.0043	J	15	J	8	J	0.014	J	2.4	J	0.0054	J
Fluorene	0.32	100	0.32	J	0.02	J	0.018	U	1.5	J	0.26	J	0.019	UJ	0.11	J	0.019	U
Hexachlorobenzene	0.33	1.2	0.019	U	0.018	U	0.018	U	0.087	U	0.019	U	0.019	U	0.02	U	0.019	U
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.9	J	0.27	J	0.018	U	2.7	J	1.6	J	0.019	UJ	0.019	U	0.019	U
Indophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	12	100	0.031	J	0.018	U	0.018	U	0.45	J	0.29	J	0.019	UJ	0.072	J	0.019	UJ
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1-Nitro-2-Naphthylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1-Nitro-4-Naphthylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	0.8	6.7	0.19	UJ	0.18	UJ	0.18	UJ	0.87	UJ	0.19	UJ	0.19	UJ	0.19	UJ	0.19	UJ
Phenanthrene	100	100	5.6	J	0.31	J	0.018	U	13	J	4.1	J	0.013	J	1.5	J	0.019	U
Phenanthrene	0.33	100	0.096	J	0.04	J	0.018	UJ	0.042	J	0.042	J	0.042	J	0.042	J	0.042	J
Pyrene	100	100	8.5	J	0.51	J	0.0048	J	11	J	5.8	J	0.0087	J	1.6	J	0.019	UJ

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted-Residential SCOs	SB17 SB17, 0-2 7/31/2020 0-2	SB17 SB17, 14-18 7/31/2020 14-18	SB17 SB17, 30-32 4/10-20/20 30-32	SB18 SB18, 0-2 7/30/2020 0-2	SB18 SB18, 7-8 4/10-20/20 7-8	SB18 SB18, 18-20 7/29/2020 18-20	SB19 SB19, 0-2 7/29/2020 0-2	SB19 SB19, 6-8 7/29/2020 6-8	SB19 SB19, 18-20 7/29/2020 18-20	SB20 SB20, 0-2 7/30/2020 0-2	SB20 SB20, 10-12 7/30/2020 10-12	SB20 SB20, 20-22 7/30/2020 20-22	SB20 SB20, 30-32 7/30/2020 30-32	
Semi-volatile Organic Compounds (mg/kg)																
1,2,4,5-Tetrachlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.1	13	0.0019	UJ	0.0021	UJ	0.019	UJ	0.0017	UJ	0.0019	UJ	0.002	UJ	0.0019	UJ
2,4,5-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	100	0.075	U	0.079	U	0.083	U	0.074	UJ	0.068	UJ	0.079	UJ	0.75	U
2-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,4-Methylphenol (m-CP-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	100	0.066	U	0.069	U	0.062	U	0.061	UJ	0.066	UJ	0.066	UJ	0.066	UJ
4-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	100	0.019	U	0.02	U	0.021	U	0.023	U	0.019	U	0.068	J-	0.017	UJ
Acenaphthylene	100	100	0.019	U	0.02	U	0.021	U	0.019	U	0.019	U	0.42	J-	0.017	UJ
Acetophenone	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	100	0.019	U	0.037	U	0.15	U	0.017	U	0.019	U	0.44	J-	0.017	UJ
Benzofluoranthene	1	1	0.019	U	0.02	U	0.021	U	0.017	U	0.019	U	2.3	J-	0.017	UJ
Benzolfluoranthene	1	1	0.019	U	0.02	U	0.046	J	0.55	U	0.0092	J	2.1	J-	0.017	UJ
Benzol[a]perylene	100	100	0.0073	J	0.02	U	0.021	U	0.5	U	0.017	U	1.4	J-	0.017	UJ
Benzol[b]fluoranthene	0.8	3.9	0.019	U	0.02	U	0.021	U	0.25	U	0.017	U	0.99	J-	0.017	UJ
Benzosic Acid	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) methane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	3.9	0.0049	J	0.0054	J	0.0064	J	0.47	U	0.0058	J	2.1	J-	0.0038	J-
Dibenz[a,h]anthracene	0.33	0.33	0.019	U	0.02	U	0.021	U	0.1	U	0.017	U	0.39	J-	0.017	UJ
Dibenzofuran	7	59	0.041	U	0.043	U	0.046	U	0.02	U	0.043	U	0.043	UJ	0.043	U
Dibutyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	100	0.012	J	0.013	J	0.014	J	0.82	U	0.0054	J	3.7	J-	0.0052	J-
Fluorene	30	100	0.019	U	0.02	U	0.021	U	0.026	U	0.019	U	0.068	J-	0.017	UJ
Hexachlorobenzene	0.33	1.2	0.019	U	0.02	U	0.021	U	0.019	U	0.019	U	0.037	UJ	0.017	UJ
Hexachlorobutadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	0.5	0.5	0.0039	J	0.02	U	0.021	U	0.4	U	0.019	U	1.4	J-	0.017	UJ
Indeno[1,2,3-cd]pyrene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isothorone	12	100	0.025	U	0.021	U	0.029	U	0.017	U	0.019	U	0.065	J-	0.017	UJ
Naphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.8	6.7	0.19	U	0.2	U	0.21	U	0.19	UJ	0.17	UJ	0.37	UJ	1.9	UJ
Phenanthrene	100	100	0.0088	J	0.02	U	0.011	J	0.38	U	0.017	U	1.3	J-	0.017	UJ
Pyrene	100	100	0.041	U	0.043	U	0.046	U	0.037	UJ	0.043	U	0.063	UJ	0.41	U
Pyrene	100	100	0.0092	J	0.024	J	0.011	J	0.76	U	0.017	U	0.062	J	3.1	J-

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A Remedial Investigation Report Soil Sample Analytical Results

250 Water Street New York, New York NYSDEC BCP Site No.: C231127 Langan Project No.: 170381202

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted-Residential SCOs	SB21 SB21 0-2 410-11057-16 8/18/2020 0-2	SB21 SB21 6-8 410-11057-17 8/18/2020 6-8	SB21 SB21 9-11 410-11057-18 8/18/2020 9-11	SB21 SODU#09_081820 410-11057-17 8/18/2020 9-11	SB22 SB22 0-2 410-11057-13 8/18/2020 0-2	SB22 SB22 4-6 410-11057-14 8/18/2020 4-6	SB22 SB22 8-10 410-11057-15 8/18/2020 8-10	SB23 SB23 0-2 410-9319-4 7/31/2020 0-2	SB23 SB23 9-11 410-9319-9 7/31/2020 9-11	SB23 SB23 26-28 410-9319-6 7/31/2020 26-28	SB23 SODU#01_073120 410-9319-9 7/31/2020 26-28	
Volatile Organic Compounds (mg/kg)														
1,1,1,2-Tetrachloroethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	0.68	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,1,2,2-Tetrachloroethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,2-Trichloroethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1-Dichloroethane	0.27	26	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,1-Dichloroethene	0.33	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,1-Dichloropropene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3-Trichloropropane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4,5-Tetramethylbenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	3.6	52	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,2-Dibromo-3-Chloropropane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromoethane (Ethylene Dibromide)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	1.1	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,2-Dichloroethane	0.02	3.1	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,2-Dichloropropane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,3-Dichlorobenzene	2.4	49	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,3-Dichloropropane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	1.8	13	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
1,4-Diethyl Benzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	0.1	13	0.28	U	14	U	26	U	0.28	U	0.24	U	0.24	U
2,2-Dichloropropane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Hexanone	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Ethyltoluene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acetone	0.05	100	0.019	J	1.7	UJ	2	UJ	0.012	J	0.53	J	0.071	J
Acrylonitrile	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	0.06	4.8	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Bromobenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromochloromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromoforn	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Disulfide	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	0.76	2.4	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Chlorobenzene	1.1	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Chloroethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroform	0.37	49	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Chloromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cis-1,2-Dichloroethene	0.25	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Cis-1,3-Dichloropropene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cymene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibromochloromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibromomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dichlorodifluoromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Diethyl Ether (Ethyl Ether)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	1	41	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Hexachlorobutadiene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Isopropylbenzene (Cumene)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
M,P-Xylene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.011	U	0.56	UJ	7	U	0.011	U	0.0094	U	0.017	UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methylene Chloride	0.05	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Naphthalene	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	12	100	0.0091	U	0.45	U	0.82	U	0.0091	U	0.0075	U	0.0087	U
n-Propylbenzene	3.9	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
o-Xylene (1,2-Dimethylbenzene)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sec-Butylbenzene	11	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Styrene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
T-Butylbenzene	5.9	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
tert-Butyl Methyl Ether	0.93	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Tetrachloroethene (PCE)	1.3	19	0.0013	J	0.28	UJ	0.51	UJ	0.0025	J	0.0046	J	0.0014	J
Toluene	0.7	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Total 1,2-Dichloroethene (Cis and Trans)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Xylenes	0.26	100	0.011	U	0.56	U	7	U	0.011	U	0.0094	U	0.017	UJ
Total 1,3-Dichloropropene (Cis And Trans)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Trans-1,2-Dichloroethene	0.19	100	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Trans-1,3-Dichloropropene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Trans-1,4-Dichloro-2-Butene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Trichloroethene (TCE)	0.47	21	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U
Trichlorofluoromethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Vinyl Acetate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Vinyl Chloride	0.02	0.9	0.0057	U	0.28	U	0.51	U	0.0057	U	0.0047	U	0.0085	U

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375	NYSDEC Part 375	SB21	SB21	SB21	SB21	SB22	SB22	SB22	SB22	SB23	SB23	SB23	SB23
Sample ID	Unrestricted Use	Restricted Use	SB21 0-2	SB21 6-8	SB21 9-11	SODUP01_081820	SB22 0-2	SB22 4-6	SB22 8-10	SB22 0-2	SB23 9-11	SB23 26-28	SB23 26-28	SODUP01_073120
Laboratory ID	SCOs	Restricted-Residential SCOs	410-11057-16	410-11057-17	410-11057-18	410-11057-17	410-11057-13	410-11057-14	410-11057-15	410-9319-4	410-9319-6	410-9319-6	410-9319-6	410-9319-6
Sample Date			8/18/2020	8/18/2020	8/18/2020	8/18/2020	8/18/2020	8/18/2020	8/18/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020
Sample Depth (feet bgs)			0-2	6-8	9-11	9-11	0-2	4-6	8-10	0-2	9-11	26-28	26-28	26-28
Semi-volatile Organic Compounds (mg/kg)														
1,2,4-Trichlorobenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.1	13	0.0093	UJ	0.0094	UJ	0.013	UJ	0.0092	UJ	0.0093	UJ	0.0095	UJ
2,4,5-Trichlorophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	100	0.37	UJ	0.075	UJ	0.45	UJ	0.37	UJ	0.37	UJ	0.38	UJ
2-Nitroaniline	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol (m&p Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenyl Phenyl Ether	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	100	0.28	UJ	0.1	J	0.12	J	0.28	J	0.17	J	0.068	UJ
4-Nitroaniline	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	100	0.29	J	0.019	UJ	0.26	J	0.98	J	0.54	J	2.7	J
Acenaphthylene	100	100	0.82	J	0.019	UJ	1.9	J	2.2	J	1.6	J	0.66	J
Acetophenone	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	100	1.1	J	0.33	J	1.7	J	2.8	J	5.8	J	1.3	J
Benzo(a)anthracene	1	1	5.1	J	0.19	J	3.8	J	13	J	11	J	3.5	J
Benzo(a)pyrene	1	1	4.5	J	0.18	J	4	J	11	J	8.3	J	2.8	J
Benzo(b)fluoranthene	1	1	4.6	J	0.24	J	4.1	J	12	J	8.2	J	3	J
Benzo(g,h,i)perylene	100	100	3.1	J	0.15	J	5.3	J	6.6	J	5.7	J	5.4	J
Benzo(k)fluoranthene	0.8	3.9	2.2	J	0.071	J	1.6	J	5.2	J	4	J	4.2	J
Benzoic Acid	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) methane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	3.9	3.9	J	0.21	J	3.9	J	13	J	9	J	11	J
Dibenz(a,h)anthracene	0.33	0.33	0.7	J	0.038	J	0.88	J	1.8	J	1.4	J	0.44	J
Dibenzofuran	7	59	0.15	J	0.41	J	0.25	UJ	0.67	J	2.6	J	0.34	J
Diethyl phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	100	8.9	J	0.57	J	7.2	J	26	J	17	J	29	J
Fluorene	30	100	0.28	J	0.43	J	0.11	UJ	0.98	J	0.69	J	5	J
Hexachlorobenzene	0.33	1.2	0.093	UJ	0.019	UJ	0.11	UJ	0.092	UJ	0.093	UJ	0.095	UJ
Hexachlorobutadiene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.7	J	0.14	J	3.7	J	6.3	J	5	J	5.1	J
Isophthalene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	100	0.16	J	1.9	J	0.35	J	0.94	J	0.39	J	2.4	J
Nitrobenzene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodipropylamine	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.8	6.7	0.93	UJ	0.19	UJ	1.1	UJ	0.92	UJ	0.93	UJ	0.95	UJ
Phenanthrene	100	100	4	J	1.7	J	3.8	J	11	J	8.1	J	27	J
Phenol	0.33	100	0.21	UJ	0.041	UJ	0.25	UJ	0.2	UJ	0.21	UJ	0.042	UJ
Pyrene	100	100	8.4	J	0.56	J	6.6	J	22	J	15	J	20	J

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375	NYSDEC Part 375	SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB25	SB25	SB25	SB25	SB25	SB25	
Sample ID	Unrestricted Use	Restricted Use	SB24 0-2	SB24 0-2	SB24 6-8	SB24 6-8	SB24 10-12	SB24 10-12	SB24 10-12	SB25 0-2	SB25 0-2	SB25 6-8	SB25 6-8	SB25 6-8	SB25 26-30	
Sample Date	SCOs	Restricted-Residential SCOs	410-9062-4	410-9062-45	410-9062-4	410-9062-46	410-9062-47	410-9062-6	410-9039-1	410-9039-7	410-9039-10	410-9039-2	410-9039-3	410-9039-3	410-9044-5	
Sample Depth (feet bgs)			7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	
Semivolatile Organic Compounds (mg/kg)			0-2	0-2	6-8	6-8	10-12	10-12	10-12	0-2	0-2	6-8	6-8	26-30	26-30	
1,2,4-Trichlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	0.1	13	NA	0.0089	UJ	NA	0.0025	NJ	0.0021	NJ	NA	0.0019	NJ	NA	0.0019	UJ
2,4,5-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,6-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol (o-Cresol)	0.33	100	NA	0.072	UJ	NA	0.069	UJ	0.068	UJ	NA	0.42	UJ	NA	0.078	U
2-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4,4-Methylphenol (m,p Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,6-Dinitro-2-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	100	NA	0.054	UJ	NA	0.051	UJ	NA	0.31	UJ	NA	0.059	U	0.056	U
4-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	100	NA	0.035	J-	NA	0.017	UJ	0.017	UJ	NA	0.025	J-	NA	0.02	U
Acenaphthylene	100	100	NA	0.094	J-	NA	0.034	J-	0.017	UJ	NA	0.027	J-	NA	0.02	U
Acetophenone	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	100	NA	0.17	J-	NA	0.0048	J-	0.017	UJ	NA	0.056	J-	NA	0.02	U
Benzo[a]anthracene	1	1	NA	0.9	J-	NA	0.012	J-	0.017	UJ	NA	0.25	J-	NA	0.02	U
Benzo[a]pyrene	1	1	NA	0.7	J-	NA	0.012	J-	0.017	UJ	NA	0.23	J-	NA	0.02	U
Benzo[b]fluoranthene	1	1	NA	0.88	J-	NA	0.012	J-	0.017	UJ	NA	0.27	J-	NA	0.02	U
Benzo[g,h,i]perylene	100	100	NA	0.53	J-	NA	0.0089	J-	0.017	UJ	NA	0.17	J-	NA	0.02	U
Benzo[k]fluoranthene	0.8	3.9	NA	0.37	J-	NA	0.0051	J-	0.017	UJ	NA	0.15	J-	NA	0.02	U
Benzoic Acid	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) methane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	3.9	NA	0.73	J-	NA	0.011	J-	0.017	UJ	NA	0.23	J-	NA	0.02	U
Dibenz[a,h]anthracene	0.33	0.33	NA	0.13	J-	NA	0.017	UJ	0.017	UJ	NA	0.05	J-	NA	0.02	U
Dibenzofuran	7	59	NA	0.021	J-	NA	0.026	UJ	0.027	UJ	NA	0.23	UJ	NA	0.043	U
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	100	NA	1.3	J-	NA	0.021	J-	0.017	UJ	NA	0.5	J-	NA	0.0094	J
Fluorene	30	100	NA	0.037	J-	NA	0.017	UJ	0.017	UJ	NA	0.1	UJ	NA	0.02	U
Hexachlorobenzene	0.33	1.2	NA	0.018	UJ	NA	0.017	UJ	0.017	UJ	NA	0.1	UJ	NA	0.02	U
Hexachlorobutadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indenol 1,2,3-dicyclopene	0.5	0.5	NA	0.48	J-	NA	0.0084	J-	0.017	UJ	NA	0.16	J-	NA	0.02	U
Naphthalene	12	100	NA	0.024	J-	NA	0.017	UJ	0.017	UJ	NA	0.045	J-	NA	0.017	J
Nitrobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrosodimethylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.8	6.7	NA	0.18	UJ	NA	0.17	UJ	0.17	UJ	NA	?	UJ	NA	0.2	UJ
Phenanthrene	100	100	NA	0.55	J-	NA	0.012	J-	0.017	UJ	NA	0.19	J-	NA	0.0073	J
Phenol	0.33	100	NA	0.036	UJ	NA	0.037	UJ	0.037	UJ	NA	0.23	UJ	NA	0.041	U
Pyrene	100	100	NA	1.2	J-	NA	0.02	J-	0.017	UJ	NA	0.43	J-	NA	0.0091	J

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

**Table 3A
Remedial Investigation Report
Soil Sample Analytical Results**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	SB24 SB24 0-2 410-9062-2 7/29/2020 0-2	SB24 SB24 0-2 410-9062-45 7/29/2020 0-2	SB24 SB24 6-8 410-9062-4 7/29/2020 6-8	SB24 SB24 6-8 410-9062-46 7/29/2020 6-8	SB24 SB24 10-12 410-9062-47 7/29/2020 10-12	SB24 SB24 10-12 410-9062-6 7/29/2020 10-12	SB25 SB25 0-2 410-9039-1 7/28/2020 0-2	SB25 SB25 0-2 410-9039-7 7/28/2020 0-2	SB25 SB25 6-8 410-9039-10 7/28/2020 6-8	SB25 SB25 6-8 410-9039-3 7/28/2020 6-8	SB25 SB25 28-30 410-9039-3 7/28/2020 28-30	SB25 SB25 28-30 410-9044-5 7/28/2020 28-30
Pesticides (mg/kg)														
4,4'-DDE	0.0033	13	NA	0.0051	JN	NA	0.0018	UJ	0.0017	UJ	NA	0.011	UJ	NA
4,4'-DDE	0.0033	8.9	NA	0.015	JN	NA	0.0018	UJ	0.0017	UJ	NA	0.025	J	NA
4,4'-DDT	0.0033	7.9	NA	0.093	J	NA	0.0018	UJ	0.0017	UJ	NA	0.011	R	NA
Aldrin	0.005	0.097	NA	0.0023	JN	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	UJ	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	0.02	0.49	NA	0.0045	U	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	R	NA
Alpha Chlordane	0.094	4.2	NA	0.019	JN	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	U	NA
Alpha Endosulfan	2.4	24	NA	0.0084	JN	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	R	NA
Beta BHC (Beta Hexachlorocyclohexane)	0.036	0.36	NA	0.0054	J	NA	0.001	UJ	0.001	UJ	NA	0.0064	R	NA
Beta Endosulfan	2.4	24	NA	0.016	JN	NA	0.0024	UJ	0.0023	UJ	NA	0.015	R	NA
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	NA	0.0054	U	NA	0.001	UJ	0.001	UJ	NA	0.0064	R	NA
Dieldrin	0.005	0.2	NA	0.0062	JN	NA	0.0018	UJ	0.0017	UJ	NA	0.011	UJ	NA
Endosulfan Sulfate	2.4	24	NA	0.0092	U	NA	0.0018	UJ	0.0017	UJ	NA	0.011	R	NA
Endrin	0.014	11	NA	0.0027	U	NA	0.0017	UJ	0.0017	UJ	NA	0.011	UJ	NA
Gamma BHC (Lindane)	0.1	1.3	NA	0.0045	U	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	R	NA
Heptachlor	0.042	2.1	NA	0.0045	U	NA	0.00086	UJ	0.00084	UJ	NA	0.0053	R	NA
Herbicides (mg/kg)														
Alachlor	3.8	100	NA	0.0018	UJ	NA	0.0018	UJ	0.0017	UJ	NA	0.0022	UJ	NA
Polychlorinated Biphenyls (mg/kg)														
PCB-1016 (Aroclor 1016)	-	-	NA	0.19	U	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1221 (Aroclor 1221)	-	-	NA	0.19	U	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1232 (Aroclor 1232)	-	-	NA	0.19	U	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1242 (Aroclor 1242)	-	-	NA	0.19	U	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1248 (Aroclor 1248)	-	-	NA	0.19	U	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1254 (Aroclor 1254)	-	-	NA	0.19	J	NA	0.018	U	0.017	U	NA	0.022	U	NA
PCB-1260 (Aroclor 1260)	-	-	NA	0.58	J	NA	0.018	U	0.017	U	NA	0.019	J	NA
PCB-1262 (Aroclor 1262)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.1	1	NA	1.6	J	NA	0.018	U	0.017	U	NA	0.019	J	NA
Inorganics (mg/kg)														
Aluminum	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	13	16	NA	6.9	NA	5.6	NA	1	NA	4.1	NA	2.7	0.94	NA
Barium	350	400	NA	560	NA	52	NA	40	NA	97	NA	40	40	NA
Beryllium	7.2	72	NA	0.46	NA	0.24	NA	0.2	NA	0.39	NA	0.26	0.22	NA
Cadmium	2.5	4.3	NA	1.8	NA	0.16	J	0.17	U	NA	0.23	NA	0.21	U
Calcium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	1	110	NA	1.5	NA	0.57	NA	1.1	NA	0.22	U	NA	0.47	U
Chromium, Total	-	-	NA	27	NA	8.2	NA	8.8	NA	16	NA	11	10	NA
Chromium, Trivalent	30	180	NA	25	NA	7.7	UJ	7.7	UJ	16	NA	11	10	NA
Cobalt	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	50	270	NA	66	NA	37	NA	9.3	NA	34	NA	16	9.6	NA
Cyanide	27	27	NA	0.53	U	NA	0.53	U	0.49	UJ	NA	0.61	U	NA
Iron	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	63	400	NA	270	NA	29	NA	2.1	NA	88	NA	4.3	2.4	NA
Magnesium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	1,600	2,000	NA	240	NA	230	NA	170	NA	380	NA	94	110	NA
Mercury	0.18	0.81	12	NA	1.8	NA	NA	0.2	NA	5.3	1.6	NA	NA	0.064
Nickel	30	310	NA	24	NA	32	NA	46	NA	33	NA	19	24	NA
Potassium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	3.9	180	NA	0.6	J	NA	0.62	J	0.69	U	NA	0.82	U	NA
Silver	2	180	NA	1.7	NA	0.14	J	0.17	U	NA	0.41	NA	0.16	U
Sodium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	109	10,000	NA	470	NA	78	NA	16	NA	69	NA	21	15	NA
Per and Polyfluoroalkyl Substances (ppb)														
N-ethyl perfluorooctane-sulfonamidoacetic Acid (NEFOSAA)	-	-	NA	2	U	NA	2	U	1.9	U	NA	2.5	U	NA
N-methyl perfluorooctane-sulfonamidoacetic Acid (NMfFOSAA)	-	-	NA	2	U	NA	2	U	1.9	U	NA	2.5	U	NA
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA	2	U	NA	2	U	1.9	U	NA	2.5	U	NA
Perfluorobutanoic Acid (PFBA)	-	-	NA	2	U	NA	2	U	1.9	U	NA	2.5	U	NA
Perfluorodecanesulfonic Acid (PFDS)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorodecanoic Acid (PFDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorododecanoic Acid (PFDDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorohexanesulfonic Acid (PFHxS)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorooctanesulfonic Acid (PFOS)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorooctanoic Acid (PFOPA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorodecanesulfonic Acid (PFDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorododecanesulfonic Acid (PFDDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorooctanesulfonic Acid (PFOS)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorooctanoic Acid (PFOPA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorodecanesulfonic Acid (PFDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Perfluorododecanesulfonic Acid (PFDDA)	-	-	NA	0.6	U	NA	0.61	U	0.58	U	NA	0.76	U	NA
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	-	-	NA	3	U	NA	3.1	U	2.9	U	NA	3.8	U	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	-	-	NA	2	U	NA	2	U	1.9	U	NA	2.5	U	NA

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

**Table 3A
Remedial Investigation Report
Soil Sample Analytical Results**

**250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202**

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	SB26 SB26 0-2 410-10955-6 8/17/2020 0-2	SB26 SB26 4-6 410-10955-7 8/17/2020 4-6	SB26 SB26 6-8 410-11717-5 8/24/2020 6-8	SB26 SB26 13-15 410-11717-6 8/24/2020 13-15	SODUP05 08242020 410-11717-7 8/24/2020 13-15	SB27 SB27 0-2 410-11359-3 8/20/2020 0-2	SB27 SB27 10-12 410-11359-2 8/20/2020 10-12	SB27 SB27 16-20 410-11359-1 8/20/2020 16-20	SB27 SB27 20-22 410-11057-11 8/18/2020 20-22	SB28 SB28 0-2 410-11057-10 8/18/2020 0-2	SB28 SB28 4-6 410-11057-11 8/18/2020 4-6	SB28 SB28 12-14 410-11057-12 8/18/2020 12-14	
Volatiles Organic Compounds (mg/kg)															
1,1,1,2-Tetrachloroethane	0.68	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	0.0054	U	NA	NA	0.0048	U	0.0043	U	0.0049	U	0.0049	U	0.0044	U	
1,1,2,2-Tetrachloroethane	0.27	26	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,1,2-Trichloroethane	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,1-Dichloroethane	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,1-Dichloropropene	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dichlorobenzene	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2,3-Trichloropropene	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2,4,5-Tetramethylbenzene	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2,4-Trichlorobenzene	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2,4-Trimethylbenzene	3.6	52	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dibromo-3-Chloropropane	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dibromoethane (Ethylene Dibromide)	0.33	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dichlorobenzene	1.1	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dichloroethane	0.02	3.1	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,2-Dichloropropane	0.84	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,3,5-Trimethylbenzene (Mesitylene)	0.02	52	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,3-Dichlorobenzene	2.4	49	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,3-Dichloropropane	1.8	13	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,4-Dichlorobenzene	1.4	13	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
1,4-Diethyl Benzene	0.1	13	0.27	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	0.1	13	0.27	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichloropropane	0.1	13	0.27	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	0.05	100	0.026	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Hexanone	0.05	100	0.026	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	0.05	100	0.026	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorotoluene	0.05	100	0.026	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acetone	0.05	100	0.026	U	0.046	J	0.071	J	0.018	J	0.032	0.082	0.031	0.039	0.026
Acrylonitrile	0.06	4.8	0.0054	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Bromobenzene	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Bromochloromethane	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Bromodichloromethane	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Bromofluoromethane	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Bromomethane	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Carbon Disulfide	0.06	4.8	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Carbon Tetrachloride	0.76	2.4	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Chlorobenzene	1.1	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Chloroethane	0.37	49	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Chloroform	0.37	49	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Chloromethane	0.37	49	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Cis-1,2-Dichloroethane	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Cis-1,3-Dichloropropene	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Cymene	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Dibromochloromethane	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Dibromodifluoromethane	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Dichlorodifluoromethane	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Diethyl Ether (Ethyl Ether)	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Ethylbenzene	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Heptachlorobutadiene	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Isopropylbenzene (Cumene)	0.25	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
M,P-Xylene	0.12	100	0.011	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.011	U	0.0025	J	0.0091	J	0.0087	U	0.0098	UJ	0.0097	UJ	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.12	100	0.011	U	0.0025	J	0.0091	J	0.0087	U	0.0098	UJ	0.0097	UJ	
Methylene Chloride	0.05	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Naphthalene	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Butylbenzene	12	100	0.0088	UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Propylbenzene	3.9	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
o-Xylene (1,2-Dimethylbenzene)	0.12	100	0.011	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sec-Butylbenzene	11	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Styrene	11	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
t-Butylbenzene	5.9	100	0.0054	UJ	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Tert-Butyl Methyl Ether	0.93	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Tetrachloroethene (PCE)	1.3	19	0.003	J	0.0042	J	0.0046	U	0.0043	U	0.0049	J	0.0054	J	
Total 1,2-Dichloroethene (Cis and Trans)	0.7	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Total 1,3-Dichloroethene (Cis And Trans)	0.26	100	0.011	U	0.0095	U	0.0091	U	0.0087	U	0.0098	U	0.0097	U	
Total Xylenes	0.26	100	0.011	U	0.0095	U	0.0091	U	0.0087	U	0.0098	U	0.0097	U	
Trans-1,2-Dichloropropane	0.19	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Trans-1,3-Dichloropropane	0.19	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Trans-1,4-Dichloro-2-Butene	0.19	100	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Trichloroethene (TCE)	0.47	21	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Trichlorofluoromethane	0.47	21	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Vinyl Acetate	0.47	21	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	
Vinyl Chloride	0.02	0.9	0.0054	U	0.0048	U	0.0046	U	0.0043	U	0.0049	U	0.0054	U	

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26	SB26
Sample ID	SB26 0-2	SB26 4-6	SB26 6-8	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15	SB26 13-15
Laboratory ID	410-10955-6	410-10955-7	410-11717-5	410-11717-6	410-11717-7	410-11717-8	410-11717-9	410-11717-10	410-11717-11	410-11717-12	410-11717-13	410-11717-14	410-11717-15	410-11717-16	410-11717-17	410-11717-18	410-11717-19
Sample Date	8/17/2020	8/17/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020
Sample Depth (feet bgs)	0-2	4-6	6-8	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15	13-15
Semivolatile Organic Compounds (mg/kg)																	
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.1	13	0.018	UJ	NA	0.018	R	0.0019	R	0.0019	R	0.0092	UJ	0.0019	UJ	0.0019	UJ
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	100	0.37	UJ	NA	0.36	UJ	0.076	UJ	0.077	UJ	0.37	UJ	0.075	UJ	0.074	U
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4,4'-Methylphenol (m,p,p'-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	100	0.28	UJ	NA	0.27	UJ	0.058	UJ	0.058	UJ	0.26	UJ	0.056	UJ	0.056	U
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	100	0.067	J	NA	0.19	J	0.019	UJ	0.027	J	0.061	J	0.019	U	0.019	U
Acenaphthylene	100	100	0.24	J	NA	0.2	J	0.019	UJ	0.024	J	0.61	J	0.019	U	0.019	U
Acetophenone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	100	0.33	J	NA	0.68	J	0.019	UJ	0.023	J	0.53	J	0.019	U	0.0064	J
Benzo[a]anthracene	1	1	1.5	J	NA	1.9	J	0.019	R	0.019	R	2.5	J	0.019	U	0.02	U
Benzo[a]pyrene	1	1	1.5	J	NA	1.5	J	0.019	UJ	0.019	UJ	3.3	J	0.019	U	0.0042	J
Benzo[b]fluoranthene	1	1	2	J	NA	2	J	0.019	R	0.019	R	3.8	J	0.0039	J	0.0051	J
Benzo[k]fluoranthene	100	100	1.2	J	NA	1.3	J	0.019	UJ	0.019	UJ	2.3	J	0.019	U	0.019	U
Benzo[e]fluoranthene	0.8	100	0.58	J	NA	0.79	J	0.019	UJ	0.019	UJ	1.6	J	0.019	U	0.019	U
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	3.9	1.3	J	NA	2	J	0.004	J	0.0097	J	2.3	J	0.019	U	0.0047	J
Dibenz[a,h]anthracene	0.33	0.33	0.35	J	NA	0.31	J	0.019	U	0.019	U	0.58	J	0.019	U	0.02	U
Dibenzofuran	7	59	0.2	UJ	NA	0.15	J	0.042	UJ	0.037	J	0.2	J	0.041	U	0.043	U
Diethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dodecyl phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	100	2.3	J	NA	4	J	0.0073	J	0.017	J	3.4	J	0.019	U	0.0096	J
Fluorene	30	100	0.078	J	NA	0.25	J	0.019	UJ	0.034	J	0.085	J	0.019	U	0.0041	J
Hexachlorobenzene	0.33	1.2	0.092	UJ	NA	0.09	UJ	0.019	UJ	0.039	J	0.092	J	0.019	UJ	0.019	J
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indenol 1,2,3-cis-sylene	0.5	0.5	1	J	NA	1.2	J	0.019	UJ	0.019	UJ	2.1	J	0.019	U	0.019	U
Isophthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	100	0.22	J	NA	0.14	J	0.019	UJ	0.025	J	0.12	J	0.019	UJ	0.019	U
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N,N-Dimethyl-Propylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.8	6.7	0.92	UJ	NA	0.9	UJ	0.19	UJ	0.19	UJ	0.92	UJ	0.19	UJ	0.2	UJ
Phenanthrene	100	100	1.1	J	NA	2.9	J	0.0049	J	0.025	J	1.1	J	0.019	U	0.0048	J
Phenol	0.33	100	0.2	UJ	NA	0.2	UJ	0.042	UJ	0.042	UJ	0.2	UJ	0.041	UJ	0.043	UJ
Pyrene	100	100	2.2	J	NA	3.3	J	0.0058	J	0.012	J	3.3	J	0.019	U	0.0056	J

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	SB29	SB29	SB29	SB29	SB30	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32
Sample ID	SB29 0-2	SB29 2-4	SB29 7-9	SB29 13-15	SB30 0-2	SB30 16-18	SB30 30-32	SB30 30-32	SB31 0-2	SB31 16-20	SB31 30-32	SB32 0-2	SB32 14-16
Laboratory ID	410-10955-2	410-10955-2	410-10955-4	410-10955-3	410-11359-8	410-11359-5	410-11359-4	410-11359-4	410-11717-8	410-11717-9	410-11717-9	410-11539-5	410-11539-5
Sample Date	8/17/2020	8/17/2020	8/17/2020	8/17/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/21/2020
Sample Depth (feet bgs)	0-2	2-4	7-9	13-15	0-2	16-18	30-32	30-32	0-2	16-20	30-32	0-2	14-16
Volatiles Organic Compounds (mg/kg)													
1,1,1,2-Tetrachloroethane	0.68												
1,1,1-Trichloroethane													
1,1,2,2-Tetrachloroethane													
1,1,2-Trichloroethane													
1,1-Dichloroethane	0.27												
1,1-Dichloroethene	0.33												
1,1-Dichloropropane													
1,2,3-Trichlorobenzene													
1,2,3-Trichloropropane													
1,2,4,5-Tetramethylbenzene													
1,2,4-Trichlorobenzene													
1,2,4-Trimethylbenzene	3.6												
1,2-Dibromo-3-Chloropropane													
1,2-Dibromoethane (Ethylene Dibromide)													
1,2-Dichlorobenzene	1.1												
1,2-Dichloroethane	0.02												
1,2-Dichloropropane													
1,3,5-Trimethylbenzene (Mesitylene)	8.4												
1,3-Dichlorobenzene	2.4												
1,3-Dichloropropane													
1,4-Dichlorobenzene	1.8												
1,4-Diethyl Benzene													
1,4-Dioxane (P-Dioxane)	0.1												
1,2-Dichloropropane													
2-Chlorotoluene													
2-Hexanone													
3-Chlorotoluene													
4-Chlorotoluene													
Acetone	0.05												
Acrylonitrile													
Benzene	0.06												
Bromobenzene													
Bromochloromethane													
Bromodichloromethane													
Bromoform													
Bromomethane													
Carbon Disulfide													
Carbon Tetrachloride	0.76												
Chlorobenzene	1.1												
Chloroethane													
Chloroform	0.37												
Chloromethane													
Cis-1,2-Dichloroethane	0.25												
Cis-1,3-Dichloropropane													
Cymene													
Dibromochloromethane													
Dibromomethane													
Dichlorodifluoromethane													
Diethyl Ether (Ethyl Ether)													
Ethylbenzene	1												
Heptachlorobutadiene													
Isopropylbenzene (Cumene)													
M,P-Xylene	0.12												
Methyl Ethyl Ketone (2-Butanone)													
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)													
Methylene Chloride	0.05												
Naphthalene	12												
n-Butylbenzene	12												
n-Propylbenzene	3.9												
o-Xylene (1,2-Dimethylbenzene)													
Sec-Butylbenzene	11												
Styrene													
t-Butylbenzene	5.9												
Tert-Butyl Methyl Ether	0.93												
Tetrachloroethene (PCE)	1.3												
Toluene	0.7												
Total 1,2-Dichloroethene (Cis and Trans)													
Total Xylenes	0.26												
Total 1,3-Dichloropropane (Cis And Trans)													
Trans-1,2-Dichloroethene	0.19												
Trans-1,3-Dichloropropane													
Trans-1,4-Dichloro-2-Butene													
Trichloroethene (TCE)	0.47												
Trichlorofluoromethane													
Vinyl Acetate													
Vinyl Chloride	0.02												

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	SB29	SB29	SB29	SB29	SB30	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32														
Sample ID	SB29 0-2	SB29 2-4	SB29 7-9	SB29 13-15	SB30 0-2	SB30 16-18	SB30 30-32	SB30 11399-4	SB31 0-2	SB31 16-20	SB31 30-32	SB32 0-2	SB32 14-16														
Laboratory ID	410-10955-2	410-10955-2	410-10955-4	410-11359-3	410-11359-4	410-11359-5	410-11359-4	410-11359-4	410-11717-9	410-11717-9	410-11359-5	410-11359-5	410-11359-5														
Sample Date	8/17/2020	8/17/2020	8/17/2020	8/17/2020	8/20/2020	8/20/2020	8/20/2020	8/24/2020	8/24/2020	8/24/2020	8/24/2020	8/21/2020	8/21/2020														
Sample Depth (feet bgs)	0-2	2-4	7-9	13-15	0-2	16-18	30-32	18-20	0-2	16-20	30-32	0-2	14-16														
Semivolatile Organic Compounds (mg/kg)																											
1,2,4-Trichlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
1,4-Dioxane (P-Dioxane)	0.1	13	0.018	UJ	0.018	UJ	0.0088	UJ	0.0019	UJ	0.0018	R	0.002	R	0.0019	R	0.018	UJ	0.0019	UJ							
2,4,5-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,4,6-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,4-Dichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,4-Dimethylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,4-Dinitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,4-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2,6-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Chloronaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Chlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Methylnaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Methylphenol (o-Cresol)	0.33	100	0.36	U	0.72	UJ	0.75	U	0.37	U	0.35	UJ	0.076	U	0.074	U	0.37	UJ	0.078	UJ	0.075	UJ	0.071	UJ	0.077	UJ	
2-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
2-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
3,4,4-Methylphenol (m,p Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
3,3'-Dichlorobenzidine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
3-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4,6-Dinitro-2-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Bromophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Chloro-3-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Chloroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Chlorophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Nitrophenol (p-Cresol)	0.33	100	0.27	U	0.54	UJ	0.27	UJ	0.067	U	0.066	UJ	0.069	UJ	0.069	UJ	0.066	UJ	0.069	UJ	0.066	UJ	0.063	UJ	0.066	UJ	
4-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
4-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Acenaphthene	20	100	0.031	J	2.5	J	0.059	J	0.055	J	0.095	J	0.03	0.019	U	0.38	J	1.8	J	0.19	J	0.095	J	0.039	J	0.019	UJ
Acenaphthylene	100	100	0.041	J	0.51	J	0.067	J	0.038	J	0.32	J	0.03	0.012	J	0.49	J	0.02	UJ	0.019	UJ	0.054	J	0.032	J	0.032	J
Acetophenone	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Anthracene	100	100	0.086	J	4.3	J	0.22	J	0.11	J	0.44	J	0.23	0.019	U	1.1	J	0.84	J	0.094	J	0.13	J	0.098	J	0.098	J
Benzofluoranthrene	1	1	0.38	J	8.4	J	1.3	J	0.4	J	1.7	J	0.12	0.019	U	2.8	J	0.29	J	0.032	J	0.47	J	0.019	J	0.019	J
Benzo[a]pyrene	1	1	0.41	J	7.1	J	1.3	J	0.39	J	1.9	J	0.1	0.019	UJ	2.5	J	0.2	J	0.02	J	0.49	J	0.016	J	0.016	J
Benzo[b]fluoranthene	1	1	0.47	J	8.5	J	1.5	J	0.48	J	2.2	J	0.13	0.004	J	2.8	J	0.25	J	0.024	J	0.6	J	0.021	J	0.021	J
Benzo[k]fluoranthene	100	100	0.32	J	4.5	J	1.1	J	0.38	J	1.6	J	0.057	0.019	U	1.7	J	0.11	J	0.01	J	0.41	J	0.014	J	0.014	J
Benzo[e]fluoranthene	0.8	100	0.19	J	2.9	J	0.89	J	0.2	J	0.94	J	0.056	0.019	UJ	1.4	J	0.098	J	0.0075	J	0.22	J	0.015	J	0.015	J
Benzoic Acid	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Benzyl Alcohol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Benzyl Butyl Phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Biphenyl (Diphenyl)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Bis(2-chloroethyl) methane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Bis(2-chloroethyl) ether (2-chloroethyl ether)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Bis(2-chloropropyl) ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Bis(2-ethylhexyl) phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Carbazole	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Chrysene	-	3.9	0.35	J	7.3	J	1.1	J	0.35	J	1.7	J	0.14	0.005	J	2.8	J	0.28	J	0.026	J	0.47	J	0.02	J	0.02	J
Dibenz[a,h]anthracene	0.33	0.33	0.089	U	1	J	0.28	J	0.065	J	0.3	J	0.016	0.019	U	0.36	J	0.03	J	0.019	U	0.076	J	0.019	U	0.019	U
Dibenzofuran	7	59	0.2	U	1.5	J	0.41	U	0.2	UJ	0.19	UJ	0.029	0.041	U	0.36	J	1.5	J	0.17	J	0.024	J	0.024	J	0.024	J
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Dimethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Dodecyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Fluoranthene	100	100	0.55	J	18	J	1.9	J	0.64	J	2.8	J	0.2	0.016	J	6.4	J	1.3	J	0.16	J	0.98	J	0.037	J	0.037	J
Fluorene	0.20	33	0.023	J	3.1	J	0.041	J	0.059	J	0.098	J	0.024	0.019	UJ	0.43	J	1.9	J	0.21	J	0.025	J	0.01	J	0.01	J
Hexachlorobenzene	0.33	1.2	0.089	U	0.18	UJ	0.19	UJ	0.052	U	0.088	UJ	0.019	0.019	UJ	0.092	UJ	0.02	UJ	0.019	UJ	0.018	UJ	0.019	UJ	0.019	UJ
Hexachlorobutadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachlorocyclopentadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Hexachloroethane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Indenol 1,2,3-dicyclopene	0.5	0.5	0.28	J	4	J	0.91	J	0.3	J	1.3	J	0.058	0.019	U	1.5	J	0.11	J	0.01	J	0.34	J	0.094	J	0.094	J
Isophorone	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Naphthalene	12	100	0.089	U	0.85	J	0.19	UJ	0.06	J	0.083	J	0.019	0.019	UJ	0.26	J	6.3	J	0.47	J	0.057	J	0.11	J	0.11	J
Nitrobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Nitrobenzyl Propylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Pentachlorophenol	0.8	6.7	0.89	U	1.8	UJ	1.9	UJ	0.82	UJ	0.88	UJ	0.19	0.19	UJ	0.82	UJ	0.2	UJ	0.19	UJ	0.18	UJ	0.19	UJ	0.19	UJ
Phenanthrene	100	100	0.22	J	16	J	0.88	J	0.45	J	1.3	J	0.022	0.011	J	5.3	J	3.4	J	0.4	J	0.46	J	0.026	J	0.026	J
Phenol	0.33	100	0.2	U	0.81	J	0.41	J	0.2	UJ	0.42	UJ	0.2	0.041	UJ	0.43	UJ	0.041	UJ	0.043	UJ	0.043	UJ	0.043	UJ	0.043	UJ
Pyrene	100	100	0.53	J	15	J	1.5	J	0.62	J	2.5	J	0.15	0.029	J	5.3	J	0.93	J	0.11	J	0.83	J	0.037	J	0.037	J

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A Remedial Investigation Report Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted-Residential SCOs	SB32 SB32-28-28	SB33 SB33-0-2-2	SB33 SB33-11-13-13	SB33 SB33-18-20-20	SB34 SB34-4-6-6	SB34 SB34-10-12-12	SB34 SB34-12-14-14	SB34 SB34-18-20-20	SB35 SB35-0-2-2	SB35 SB35-8-10-10	SB35 SB35-28-28-28	SB36 SB36-0-2-2	SB36 SB36-2-4-4	SB36 SB36-16-18-18	SB36 SB36-22-24-24	
Sample ID	Sample Date	Sample Depth (feet bgs)	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	
Semi-volatile Organic Compounds (mg/kg)																		
1,2,4-Trichlorobenzene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dioxane (P-Dioxane)	0.1	13	0.002	UJ	0.018	UJ	0.0019	UJ	0.002	UJ	0.019	UJ	0.0019	UJ	0.022	UJ	0.002	UJ
2,4,5-Trichlorophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4,6-Trichlorophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dichlorophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dimethylphenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,4-Dinitrotoluene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2,5-Dinitrotoluene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chloronaphthalene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylphenol (o-Cresol)	0.33	100	0.08	UJ	0.38	UJ	0.077	UJ	0.079	UJ	0.75	UJ	0.074	U	0.08	U	0.076	UJ
2-Nitroaniline	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Nitrophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3,4-Methylphenol (m-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3,3'-Dichlorobenzidine	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
3-Nitroaniline	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4,6-Dinitro-2-Methylphenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl Phenyl Ether	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chloro-3-Methylphenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chloroaniline	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Chlorophenyl Phenyl Ether	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Methylphenol (p-Cresol)	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Nitroaniline	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
4-Nitrophenol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	20	100	0.02	UJ	0.062	J	0.019	UJ	0.02	UJ	0.19	UJ	0.019	U	0.12	J	0.07	J
Acenaphthylene	100	100	0.02	UJ	0.67	J	0.077	J	0.11	J	0.019	U	0.02	U	0.13	J	0.14	J
Acetophenone	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	100	100	0.02	UJ	0.53	J	0.062	J	0.086	J	0.25	J	0.0083	J	0.02	U	0.0044	J
Benzofluoranthene	1	1	0.02	R	1.8	J	0.15	J	0.26	J	0.67	J	0.015	J	0.02	U	0.019	U
Benzofluoranthene	1	1	0.02	UJ	1.5	J	0.14	J	0.23	J	0.74	J	0.017	J	0.02	U	0.0074	J
Benzofluoranthene	1	1	0.02	R	1.9	J	0.21	J	0.29	J	0.89	J	0.02	U	0.0075	J	0.085	J
Benzofluoranthene	100	100	0.02	UJ	1	J	0.13	J	0.17	J	0.68	J	0.014	J	0.02	U	0.019	U
Benzofluoranthene	0.8	3.9	0.02	UJ	0.4	J	0.072	J	0.11	J	0.43	J	0.0071	J	0.02	U	0.0043	J
Benzoic Acid	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzyl Alcohol	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzyl Butyl Phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bisphenyl Diphenyl	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethoxy) methane	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloroethyl) ether (2-chloroethyl ether)	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-chloropropyl) ether	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bis(2-ethylhexyl) phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbazole	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	1	3.9	0.02	R	1.6	J	0.15	J	0.25	J	0.71	J	0.015	J	0.02	U	0.0081	J
Dibenz(a,h)anthracene	0.33	0.33	0.02	UJ	0.29	J	0.024	J	0.034	J	0.19	UJ	0.019	U	0.13	J	0.12	J
Dibenzofuran	7	59	0.044	UJ	0.2	J	0.044	J	0.044	J	0.41	UJ	0.044	J	0.49	UJ	0.044	J
Diethyl phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Diethyl phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dimethyl phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Diocyl phthalate	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	100	100	0.02	U	3.4	J	0.31	J	0.63	J	1.4	J	0.019	UJ	0.02	UJ	0.019	UJ
Fluorene	30	100	0.02	UJ	0.11	J	0.0074	J	0.02	J	0.19	UJ	0.019	U	0.22	J	0.17	J
Hexachlorobenzene	0.33	1.2	0.02	UJ	0.091	J	0.019	J	0.02	UJ	0.19	UJ	0.019	U	0.18	UJ	0.22	UJ
Hexachlorobutadiene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexachlorocyclopentadiene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Hexachloroethane	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.02	UJ	1	J	0.11	J	0.15	J	0.54	J	0.02	U	0.019	U	0.43	J
Naphthalene	12	100	0.02	UJ	0.15	J	0.016	J	0.016	J	0.19	J	0.0086	J	0.02	U	0.0094	J
Naphthalene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nitrobenzene	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Nitroso-N-Propylamine	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
n-Nitrosodiphenylamine	–	–	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pentachlorophenol	0.8	6.7	0.02	UJ	0.91	UJ	0.2	UJ	0.2	UJ	1.9	UJ	0.19	UJ	1.8	UJ	2.2	UJ
Phenanthrene	100	100	0.025	J	1.5	J	0.16	J	0.4	J	0.81	J	0.018	J	0.02	UJ	1.3	J
Phenanthrene	0.33	100	0.044	UJ	0.2	J	0.044	UJ	0.044	UJ	0.47	UJ	0.044	UJ	0.49	UJ	0.044	UJ
Pyrene	100	100	0.045	J	2.5	J	0.22	J	0.47	J	1.1	J	0.03	J	0.02	U	0.019	J

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDEC Part 375	NYSDEC Part 375	SB37	SB37	SB37	SB38	SB38	SB38	SB38	SB38	SB38	SB39	SB39	SB39	SB452	SB452
Sample ID	Unrestricted Use	Restricted Use	SB37	SB37	SB37	SB38	SB38	SB38	SB38	SB38	SB38	SB39	SB39	SB39	SB452	SB452
Laboratory ID	SCOs	Residential-Residential SCOs	410-11359-13	410-11359-12	410-11359-11	410-9424-1	410-9424-2	410-9424-3	410-9424-4	410-9424-5	410-9424-6	410-9424-7	410-9424-8	410-9424-9	410-9424-10	410-9424-11
Sample Date			8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020	8/20/2020
Sample Depth (feet bgs)			2-4	6-8	12-14	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2
Volatiles Organic Compounds (mg/kg)																
1,1,1-Trichloroethane	0.68	-	0.55	U	0.0047	U	0.0048	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,1,2-Trichloroethane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	0.27	26	0.0076	U	0.0047	U	0.0048	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,1-Dichloroethane	0.33	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,1-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2,4,5-Tetramethylbenzene	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	3.6	52	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,2-Dibromo-3-Chloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane (Ethylene Dibromide)	-	-	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1.1	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,2-Dichloroethane	0.02	3.1	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,2-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,3-Dichlorobenzene	2.4	49	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,3-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
1,4-Diethyl Benzene	-	-	NA		NA		NA		NA		NA		NA		NA	
1,4-Dioxane (P-Dioxane)	0.1	13	29	U	0.38	U	0.24	U	0.24	U	0.22	U	0.23	U	0.23	U
1,2-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	-	-	NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	-	-	NA		NA		NA		NA		NA		NA		NA	
3-Chlorotoluene	-	-	NA		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	-	-	NA		NA		NA		NA		NA		NA		NA	
Acetone	0.05	100	2.2	U	0.017	U	0.024	U	0.049	U	0.032	U	0.082	U	0.029	U
Acrylonitrile	-	-	NA		NA		NA		NA		NA		NA		NA	
Benzene	0.06	4.8	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Bromobenzene	-	-	NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Bromofluoromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Bromomethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	-	-	NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	0.76	2.4	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Chlorobenzene	1.1	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Chloroethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Chloroform	0.37	49	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Chloromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Cis-1,2-Dichloroethane	0.25	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Cis-1,3-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
Cymene	-	-	NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Dibromomethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Diethyl Ether (Ethyl Ether)	-	-	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	41	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Heptachlorobutadiene	-	-	NA		NA		NA		NA		NA		NA		NA	
Isopropylbenzene (Cumene)	-	-	NA		NA		NA		NA		NA		NA		NA	
M,P-Xylene	-	-	NA		NA		NA		NA		NA		NA		NA	
Methyl Ethyl Ketone (2-Butanone)	0.12	100	1.7	U	0.015	U	0.0094	U	0.0019	U	0.0096	U	0.009	U	0.0032	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	-	-	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	0.05	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Naphthalene	12	100	NA		NA		NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.88	U	0.012	U	0.0075	U	0.0077	U	0.0072	U	0.008	U	0.0072	U
n-Propylbenzene	3.9	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
o-Xylene (1,2-Dimethylbenzene)	-	-	NA		NA		NA		NA		NA		NA		NA	
Sec-Butylbenzene	11	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Styrene	-	-	NA		NA		NA		NA		NA		NA		NA	
T-Butylbenzene	5.9	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Tert-Butyl Methyl Ether	0.53	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Tetrachloroethane (PCE)	1.3	19	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Toluene	0.7	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Total 1,2-Dichloroethane (Cis and Trans)	-	-	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	0.26	100	1.7	U	0.015	U	0.0094	U	0.0019	U	0.0096	U	0.009	U	0.0032	U
Total 1,3-Dichloropropane (Cis And Trans)	-	-	NA		NA		NA		NA		NA		NA		NA	
Trans-1,2-Dichloroethane	0.19	100	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Trans-1,3-Dichloropropane	-	-	NA		NA		NA		NA		NA		NA		NA	
Trans-1,4-Dichloro-2-Butene	-	-	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene (TCE)	0.47	21	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U
Trichlorofluoromethane	-	-	NA		NA		NA		NA		NA		NA		NA	
Vinyl Acetate	-	-	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	0.02	0.9	0.55	U	0.0076	U	0.0047	U	0.0048	U	0.0045	U	0.0045	U	0.0047	U

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	SB37 SB37 2-4 410-11359-13 8/20/2020 2-4	SB37 SB37 6-8 410-11359-12 8/20/2020 6-8	SB37 SB37 12-14 410-11359-11 8/20/2020 12-14	SB38 SB38 0-2 410-9434-1 8/3/2020 0-2	SB38 SODUPE2_060320 410-9434-2 8/3/2020 0-2	SB38 SB38 6-8 410-9434-3 8/3/2020 6-8	SB38 SB38 22-24 410-9434-4 8/3/2020 22-24	SB39 SB39 0-2 410-9434-5 8/3/2020 0-2	SB39 SB39 8-10 410-9434-6 8/3/2020 8-10	SB39 SB39 18-20 410-9434-7 8/3/2020 18-20	SB452 SB452 18-19 410-9434-8 7/29/2020 18-19	SB452 SB452 22-23 410-9434-9 7/29/2020 22-23
Semi-volatile Organic Compounds (mg/kg)														
1,2,4,5-Tetrachlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	2.4	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	0.1	13	0.012 UJ	0.012 UJ	0.0019 UJ	0.0017 UJ	0.0017 UJ	0.0018 UJ	0.0019 UJ	0.018 UJ	0.018 UJ	0.0021 UJ	NA	NA
2,4,5-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	100	0.48 UJ	0.48 UJ	0.077 U	0.068 U	0.069 U	0.07 U	0.077 U	0.35 U	0.071 U	0.083 U	0.075 UJ	0.079 UJ
2-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol (m,p-Cresol)	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,6-Dinitro-2-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitromonophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	100	0.36 UJ	0.36 UJ	0.068 U	0.052 U	0.052 U	0.058 U	0.27 U	0.053 U	0.052 U	0.056 UJ	0.059 UJ	0.059 UJ
4-Nitroaniline	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	20	100	0.045 J-	0.1 J-	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.089 U	0.018 U	0.021 U	0.019 UJ	0.069 UJ
Acenaphthylene	100	100	0.14 J-	0.092 J	0.052 J	0.017 U	0.017 U	0.018 U	0.019 U	0.077 J	0.4	0.021 U	0.019 UJ	0.33 UJ
Acetophenone	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	100	0.26 J-	0.31 J-	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.09 J	0.38	0.021 U	0.019 UJ	0.12 UJ
Benzo(a)anthracene	1	1	1 J-	0.94 J-	0.009 J	0.019 J	0.013 J	0.018 UJ	0.019 UJ	0.62 J	5.7	0.0089 J	0.019 UJ	0.025 J-
Benzo(a)pyrene	1	1	0.94 J-	0.96 J-	0.0096 J	0.016 J	0.012 J	0.018 UJ	0.0038 J	0.67 J	4.1	0.0058 J	0.0061 J-	0.016 J-
Benzo(b)fluoranthene	1	1	1.2 J-	1 J-	0.0098 J	0.024 J	0.016 J	0.0045 J	0.0045 J	0.83 J	7.7	0.0077 J	0.0048 J-	0.015 J-
Benzo(g,h,i)perylene	100	100	0.7 J-	0.6 J-	0.019 U	0.014 J	0.0088 J	0.018 U	0.019 U	0.55	3.4	0.021 U	0.019 UJ	0.02 UJ
Benzo(k)fluoranthene	0.8	3.9	0.35 J-	0.39 J-	0.019 U	0.0068 J	0.0069 J	0.019 U	0.019 U	0.33	1.8	0.0047 J	0.019 UJ	0.0042 J-
Benzoic Acid	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (Dibiphenyl)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	3.9	1 J-	0.94 J-	0.0087 J	0.018 J	0.014 J	0.0048 J	0.0042 J	0.62 J	5.8	0.0084 J	0.011 J-	0.026 J-
Dibenz(a,h)anthracene	0.33	0.33	0.11 J-	0.14 J-	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.14	1.3	0.021 U	0.019 UJ	0.02 UJ
Dibenzofuran	7	59	0.26 UJ	0.27 UJ	0.043 U	0.037 U	0.038 U	0.039 U	0.042 U	0.19 U	0.21 J	0.046 U	0.041 UJ	0.035 UJ
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	100	2.1 J-	2.2 J-	0.013 J	0.028 J	0.017 U	0.018 U	0.019 U	0.9	6.3	0.0076 J	0.019 UJ	0.12 J-
Fluorene	30	100	0.078 J-	0.093 J-	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.089 U	0.018 U	0.021 U	0.019 UJ	0.21 UJ
Hexachlorobenzene	0.33	1.2	0.12 UJ	0.12 UJ	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.089 U	0.018 U	0.021 U	0.019 UJ	0.02 UJ
Hexachlorobutadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indenol 1,2,3-dicypiene	0.5	0.5	0.59 J-	0.57 J-	0.019 U	0.012 J	0.0091 J	0.018 U	0.019 U	0.47	3.4	0.021 U	0.019 UJ	0.02 UJ
Isophene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	100	0.048 J-	0.064 J-	0.019 U	0.017 U	0.017 U	0.018 U	0.019 U	0.089 U	0.03	0.014 J	0.019 UJ	1 UJ
Nitrobenzene	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.8	6.7	1.2 UJ	1.2 UJ	0.19 UJ	0.17 UJ	0.18 UJ	0.19 UJ	0.19 UJ	0.89 UJ	0.18 UJ	0.21 UJ	0.19 UJ	0.2 UJ
Phenanthrene	100	100	1.1 UJ	1.5 UJ	0.0084 J	0.0087 J	0.0066 J	0.018 U	0.019 U	0.25	0.89	0.0049 J	0.019 UJ	0.52 UJ
Phenol	0.33	100	0.83 J-	0.77 UJ	0.043 UJ	0.039 UJ	0.039 UJ	0.042 UJ	0.042 UJ	0.19 UJ	0.039 UJ	0.041 UJ	0.043 UJ	0.043 UJ
Pyrene	100	100	1.8 J-	1.8 J-	0.013 J	0.031 J	0.019 U	0.018 U	0.019 U	0.93	5.9	0.011 J	0.054 J-	0.15 J-

Notes provided on Page 31.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 3A
Remedial Investigation Report
Soil Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Notes:

1. 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).
2. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol.
3. Detected analytical results above Unrestricted Use SCOs are bolded.
4. Detected analytical results above Restricted Use Restricted-Residential SCOs are shaded.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. Sample DUP01_100315 is a duplicate sample of SB10_10-11; sample SODUP04_081920 is a duplicate sample of SB11_18-20; sample SODUP03_081820 is a duplicate sample of SB21_9-11; sample SODUP01_073120 is a duplicate sample of SB23_26-28; sample SODUP05_08242020 is a duplicate sample of SB26_13-14.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. ppb = parts per billion
11. NA = Not analyzed
12. ND = Not detected

Qualifiers:

- B = The analyte was found in the associated analysis batch blank.
- R = The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the 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 background.
- NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- J+ = The reported value may be biased high. The actual value is expected to be less than the reported value.
- J- = The reported value may be biased low. The actual value is expected to be greater than the reported value.

Table 3B
Remedial Investigation Report
Soil Sample Analytical Results Summary - Mercury Delineation

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location			SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R	SB4R
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4R_0-2	SB4R_2-4	SB4R_4-6	SB4R_6-8	SB4R_10-12	SB4R_14-16	SB4R_18-20	MDUP01_072720	SB4R_20-22			
Laboratory ID	Unrestricted Use	Restricted Use	410-8826-1	410-8826-2	410-8826-3	410-8826-4	410-8826-5	410-8826-6	410-8826-7	410-8826-25	410-8828-1			
Sample Date	SCOs	Residential SCOs	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020			
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	10-12	14-16	18-20	18-20	20-22			
Inorganics (mg/kg)														
Mercury	0.18	0.81	50 J	82 J	51 J	22 J	43 J	21 J	0.55 J	1.2 J	0.19			
Location			SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1	SB4N1
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4N1_0-2	SB4N1_2-4	MDUP03_072820	SB4N1_4-6	SB4N1_6-8	SB4N1_8-10	SB4N1_10-12	SB4N1_12-14	SB4N1_14-16	SB4N1_16-18	SB4N1_18-20	SB4N1_18-20
Laboratory ID	Unrestricted Use	Restricted Use	410-8939-17	410-8939-18	410-8939-36	410-8939-19	410-8939-20	410-8939-21	410-8939-22	410-8939-23	410-8939-24	410-8939-25	410-8939-26	410-8939-26
Sample Date	SCOs	Residential SCOs	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020
Sample Depth (feet bgs)			0-2	2-4	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	18-20
Inorganics (mg/kg)														
Mercury	0.18	0.81	110	19	12 J	1.4	0.24	0.24	0.15	0.21	0.13	0.068 U	0.067 U	
Location			SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1	SB4E1
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4E1_0-2	SB4E1_2-4	SB4E1_6-8	SB4E1_10-12	SB4E1_14-16	SB4E1_16-18	SB4E1_18-20					
Laboratory ID	Unrestricted Use	Restricted Use	410-8826-8	410-8826-9	410-8826-10	410-8826-11	410-8826-12	410-8826-13	410-8826-14					
Sample Date	SCOs	Residential SCOs	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020					
Sample Depth (feet bgs)			0-2	2-4	6-8	10-12	14-16	16-18	18-20					
Inorganics (mg/kg)														
Mercury	0.18	0.81	1.8 J	11 J	1.2 J	0.62 J	9.8 J	0.066 UJ	0.066 U					
Location			SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25	SB25
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB25_0-2	SB25_2-4	SB25_4-6	SB25_6-8	SB25_8-10	SB25_10-12	SB25_12-14	SB25_14-16	SB25_16-18	SB25_18-20	SB25_28-30	SB25_28-30
Laboratory ID	Unrestricted Use	Restricted Use	410-8939-7	410-8939-8	410-8939-9	410-8939-10	410-8939-11	410-8939-12	410-8939-13	410-8939-14	410-8939-15	410-8939-16	410-8944-5	410-8944-5
Sample Date	SCOs	Residential SCOs	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	28-30	28-30
Inorganics (mg/kg)														
Mercury	0.18	0.81	5.3	12 U	74	1.6	0.11	0.23	0.042 J	0.029 J	0.067 U	0.064 U	0.064 U	
Location			SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1	SB4W1
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4W1_0-2	SB4W1_2-4	SB4W1_4-6	SB4W1_6-8	SB4W1_8-10	MDUP02_072720	SB4W1_10-12	SB4W1_12-14	SB4W1_14-16	SB4W1_16-18	SB4W1_18-20	SB4W1_18-20
Laboratory ID	Unrestricted Use	Restricted Use	410-8826-15	410-8826-16	410-8826-17	410-8826-18	410-8826-19	410-8826-26	410-8826-21	410-8826-22	410-8826-23	410-8826-24	410-8826-24	410-8826-24
Sample Date	SCOs	Residential SCOs	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020	7/27/2020
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	8-10	10-12	12-14	14-16	16-18	18-20	18-20
Inorganics (mg/kg)														
Mercury	0.18	0.81	6.7 J	0.15 J	0.059 U	0.061 U	0.056 U	0.059 U	0.058 U	0.055 U	0.061 U	0.35 J	0.029 J	
Location			SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB24	SB24
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB24_0-2	SB24_2-4	MDUP07_072920	SB24_4-6	SB24_6-8	SB24_8-10	SB24_10-12	SB24_12-14	SB24_14-16	SB24_16-18	SB24_18-20	SB24_18-20
Laboratory ID	Unrestricted Use	Restricted Use	410-9062-1	410-9062-2	410-9062-34	410-9062-3	410-9062-4	410-9062-5	410-9062-6	410-9062-7	410-9062-8	410-9062-9	410-9062-10	410-9062-10
Sample Date	SCOs	Residential SCOs	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020
Sample Depth (feet bgs)			0-2	2-4	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	18-20
Inorganics (mg/kg)														
Mercury	0.18	0.81	12 J	470 J	730	11 J	1.3 J	0.71 J	0.2 J	0.12 J	0.12 J	0.066 UJ	0.07 U	
Location			SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2	SB4E2
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4E2_0-2	SB4E2_2-4	SB4E2_4-6	SB4E2_6-8	SB4E2_8-10	SB4E2_12-14	SB4E2_14-16	SB4E2_16-18	SB4E2_18-20			
Laboratory ID	Unrestricted Use	Restricted Use	410-8939-27	410-8939-28	410-8939-29	410-8939-30	410-8939-31	410-8939-32	410-8939-33	410-8939-34	410-8939-35			
Sample Date	SCOs	Residential SCOs	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020			
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	12-14	14-16	16-18	18-20			
Inorganics (mg/kg)														
Mercury	0.18	0.81	0.48	10	3.2	0.61	0.51	4.5	0.32	0.062 J	0.068 U			
Location			SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2	SB4S2
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4S2_0-2	SB4S2_2-4	SB4S2_4-6	SB4S2_6-8	SB4S2_8-10	SB4S2_10-12	SB4S2_12-14	SB4S2_14-16	SB4S2_16-18	SB4S2_18-20	SB4S2_18-20	SB4S2_18-20
Laboratory ID	Unrestricted Use	Restricted Use	410-9062-11	410-9062-12	410-9062-13	410-9062-14	410-9062-15	410-9062-16	410-9062-17	410-9062-18	410-9062-19	410-9062-20	410-9062-20	410-9062-20
Sample Date	SCOs	Residential SCOs	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	18-20	18-20
Inorganics (mg/kg)														
Mercury	0.18	0.81	0.71	94	38	15	42	1.7	0.37	0.16	0.067 U	0.066 U		
Location			SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2	SB4W2
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4W2_0-2	SB4W2_2-4	MDUP04_072920	SB4W2_4-6	MDUP05_072920	SB4W2_6-8	SB4W2_8-10	SB4W2_10-12	SB4W2_12-14	SB4W2_14-16	MDUP06_072920	SB4W2_16-18
Laboratory ID	Unrestricted Use	Restricted Use	410-9062-21	410-9062-22	410-9062-31	410-9062-23	410-9062-32	410-9062-24	410-9062-25	410-9062-26	410-9062-27	410-9062-28	410-9062-33	410-9062-29
Sample Date	SCOs	Residential SCOs	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020
Sample Depth (feet bgs)			0-2	2-4	2-4	4-6	4-6	6-8	8-10	10-12	12-14	14-16	14-16	16-18
Inorganics (mg/kg)														
Mercury	0.18	0.81	140	250 J	200	19 J	8.4 J	0.057 UJ	0.33 J	0.059 UJ	0.058 UJ	0.063 U	0.059 U	0.071

Notes provided on Page 3.
 Concentrations above Unrestricted Use SCOs are bolded.
 Concentrations above Restricted Use Residential SCOs are shaded.

Table 3B
Remedial Investigation Report
Soil Sample Analytical Results Summary - Mercury Delineation

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location			SB4N3	SB4N3	SB4N3	SB4N3	SB4N3	SB4N3			
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4N3_0-2	SB4N3_2-3	SB4N3_6-8	SB4N3_9-10	SB4N3_10-12	SB4N3_10-12			
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-1	410-12005-1	410-12003-2	410-12003-3	410-12003-4	410-12003-4			
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020			
Sample Depth (feet bgs)			0-2	2-3	6-8	9-10	10-12	10-12			
Inorganics (mg/kg)											
Mercury	0.18	0.81	6.4	16	7.7	13	0.14				
Location			SB4NE3	SB4NE3	SB4NE3	SB4NE3	SB4NE3	SB4NE3	SB4NE3	SB4NE3	SB4NE3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4NE3_0-2	MDUP08_08262020	SB4NE3_2-4	SB4NE3_5-6	SB4NE3_6-8	SB4NE3_9-10	SB4NE3_10-12	SB4NE3_13-14	SB4NE3_14-16
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-5	410-12003-43	410-12005-2	410-12003-6	410-12003-7	410-12003-8	410-12003-9	410-12003-10	410-12003-11
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	0-2	2-4	5-6	6-8	9-10	10-12	13-14	14-16
Inorganics (mg/kg)											
Mercury	0.18	0.81	0.21	0.29	0.41	0.5	0.4	0.47	0.88	0.11	0.067 U
Location			SB4SE3	SB4SE3	SB4SE3	SB4SE3	SB4SE3	SB4SE3	SB4SE3	SB4SE3	SB4SE3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4SE3_0-2	SB4SE3_2-4	SB4SE3_4-6	SB4SE3_6-8	SB4SE3_8-10	SB4SE3_10-12	SB4SE3_12-14	SB4SE3_14-16	SB4SE3_14-16
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-12	410-12005-3	410-12003-13	410-12003-14	410-12003-15	410-12003-16	410-12003-17	410-12003-18	410-12003-18
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	14-16
Inorganics (mg/kg)											
Mercury	0.18	0.81	0.74	0.78	6.6	0.98	0.19	0.15	1.4	0.067	U
Location			SB4S3	SB4S3	SB4S3	SB4S3	SB4S3	SB4S3	SB4S3	SB4S3	SB4S3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4S3_0-2	SB4S3_2-3	SB4S3_5-6	SB4S3_6-8	SB4S3_8-10	SB4S3_10-12	SB4S3_13-14	SB4S3_14-16	SB4S3_14-16
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-19	410-12005-4	410-12003-20	410-12003-21	410-12003-22	410-12003-23	410-12003-24	410-12003-25	410-12003-25
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	2-3	5-6	6-8	8-10	10-12	13-14	14-16	14-16
Inorganics (mg/kg)											
Mercury	0.18	0.81	4.3	150	99	0.96	1.9	0.23	0.057	J	0.065 U
Location			SB4SW3	SB4SW3	SB4SW3	SB4SW3	SB4SW3	SB4SW3	SB4SW3	SB4SW3	SB4SW3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4SW3_0-2	SB4SW3_2-3	SB4SW3_4-6	MDUP09_08262020	SB4SW3_6-8	SB4SW3_8-10	SB4SW3_10-12	SB4SW3_10-12	SB4SW3_10-12
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-26	410-12005-5	410-12003-27	410-12003-44	410-12003-28	410-12003-29	410-12003-30	410-12003-30	410-12003-30
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	2-3	4-6	4-6	6-8	8-10	10-12	10-12	10-12
Inorganics (mg/kg)											
Mercury	0.18	0.81	1.5	0.42	3.3	3.7	0.041	J	0.059	U	0.06 U
Location			SB4W3	SB4W3	SB4W3	SB4W3	SB4W3	SB4W3	SB4W3	SB4W3	SB4W3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4W3_0-2	SB4W3_2-4	SB4W3_4-6	SB4W3_6-8	SB4W3_8-10	MDUP10_08262020	SB4W3_10-12	SB4W3_10-12	SB4W3_10-12
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-31	410-12005-6	410-12003-32	410-12003-33	410-12003-34	410-12003-45	410-12003-35	410-12003-35	410-12003-35
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	2-4	4-6	6-8	8-10	8-10	10-12	10-12	10-12
Inorganics (mg/kg)											
Mercury	0.18	0.81	11	14	17	0.18	0.061	U	0.056	U	0.056 U
Location			SB4NW3	SB4NW3	SB4NW3	SB4NW3	SB4NW3	SB4NW3	SB4NW3	SB4NW3	SB4NW3
Sample ID	NYSDEC Part 375	NYSDEC Part 375	SB4NW3_0-2	SB4NW3_2-3	SB4NW3_4-6	SB4NW3_6-8	SB4NW3_9-10	SB4NW3_10-12	SB4NW3_12-14	SB4NW3_14-16	SB4NW3_14-16
Laboratory ID	Unrestricted Use	Restricted Use	410-12003-36	410-12005-7	410-12003-37	410-12003-38	410-12003-39	410-12003-40	410-12003-41	410-12003-42	410-12003-42
Sample Date	SCOs	Restricted-Residential SCOs	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020	8/26/2020
Sample Depth (feet bgs)			0-2	2-3	4-6	6-8	9-10	10-12	12-14	14-16	14-16
Inorganics (mg/kg)											
Mercury	0.18	0.81	5.6	14	2.3	0.062	U	0.42	0.058	U	0.041 J

Notes provided on Page 3.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Restricted Use Residential SCOs are shaded.

Table 3B
Remedial Investigation Report
Soil Sample Analytical Results Summary - Mercury Delineation

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Notes:

1. 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).
2. Detected analytical results above Unrestricted Use SCOs are bolded.
3. Detected analytical results above Restricted Use Restricted-Residential SCOs are shaded.
4. Sample MDUP07_072920 is a duplicate sample of SB24_2-4; sample MDUP03_072820 is a duplicate sample of SB4N1_2-4; sample MDUP08_08262020 is a duplicate sample of SB4NE3_0-2; sample MDUP01_072720 is a duplicate sample of SB4R_18-20; sample MDUP09_08262020 is a duplicate sample of SB4SW3_4-6; sample MDUP02_072720 is a duplicate sample of SB4W1_8-10; sample MDUP06_072920 is a duplicate sample of SB4W2_14-16; sample MDUP04_072920 is a duplicate sample of SB4W2_2-4; sample MDUP05_072920 is a duplicate sample of SB4W2_4-6; and sample MDUP10_08262020 is a duplicate sample of SB4W3_8-10.
5. bgs = below grade surface
6. mg/kg = milligrams per kilogram

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 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 3C
Remedial Investigation Report
Mercury Speciation Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location Sample ID Sample Depth (feet bgs)	SB4R SB4R_2-4 2 to 4		SB4R SB4R_10-12 10 to 12		SB4N1 SB4N1_0-2 0 to 2		SB25 SB25_4-6 4 to 6		SB24 MDUP07_072920 2 to 4		SB4S2 SB4S2_2-4 2 to 4		SB4W2 SB4W2_2-4 2 to 4		SB39 SB39_8-10 8 to 10		Average %
Mercury (mg/kg)																	
Total Mercury (Initial)	82	-	43	-	110	-	74	-	730	-	94	-	250	-	42	-	-
F-0 (Free elemental Hg)	0.00882	0.01%	3.52	7.23%	5.99	4.34%	4.85	10.87%	25.2	3.81%	4.21	8.34%	10.9	5.12%	5.02	4.97%	5.59%
F-1	31	47.69%	13.5	27.72%	22.9	16.59%	13.6	30.49%	206	31.12%	21	41.58%	81.1	38.08%	34.2	33.86%	33.39%
F-2	14.5	22.31%	12.2	25.05%	15.5	11.23%	13.4	30.04%	139	21.00%	8.74	17.31%	48.2	22.63%	11.9	11.78%	20.17%
F-3	9.09	13.98%	8.26	16.96%	16.9	12.25%	4.57	10.25%	137	20.69%	6.74	13.35%	16.5	7.75%	16	15.84%	13.88%
F-4	7.9	12.15%	10.6	21.77%	48.6	35.22%	6.17	13.83%	95.7	14.46%	9.28	18.38%	47.8	22.44%	26.6	26.34%	20.57%
F-5	0.22	0.34%	0.536	1.10%	27.6	20.00%	1.94	4.35%	58.6	8.85%	0.443	0.88%	6.94	3.26%	7.35	7.28%	5.76%
F-6	0.222	0.34%	0.0628	0.13%	0.236	0.17%	0.045	0.10%	0.227	0.03%	0.0397	0.08%	1.33	0.62%	0.074	0.07%	0.19%
Total Mercury (Speciation)	65	-	48.7	-	138	-	44.6	-	662	-	50.5	-	213	-	101	-	-

Notes

- Percentages column obtained using the ratio of a given mercury species to the total mercury concentration reported by total mercury (speciation).
- Total Mercury (Initial) samples were analyzed via EPA Method 7471B.
- Total Mercury (Speciation) samples were analyzed via Modified EPA Method 1631.
- mg/kg = milligrams per kilogram

Table 3D
Remedial Investigation Report
Soil Sample Analytical Results Summary - Remedial Design

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	SB31				SB32			
	SB31_18-20		SB31_30-32		SB32_14-16		SB32_26-28	
Sample ID	L2034582-01		L2034582-02		L2034449-01		L2034449-02	
Laboratory ID	L2034582-01		L2034582-02		L2034449-01		L2034449-02	
Sample Date	8/24/2020		8/24/2020		8/21/2020		8/21/2020	
Sample Depth (feet bgs)	18 to 20		30 to 32		14 to 16		26 to 28	
General Chemistry (mg/kg)								
Diesel Range Organics	160		4.3	J	56		40	U
Gasoline Range Organics	110		1.3	J	24		1	J
Chemical Oxygen Demand	2870		1650		2450		1160	
Nitrogen, Ammonia	8.8		10		8.8		16	
Nitrogen, Nitrate	0.67	J	0.52	J	2.2		1.2	U
Nitrogen, Nitrite	1	U	1.1	U	1	U	1.2	U
Phosphate, Total	680		140		450		290	
Solids, Total	86.7		90		90.8		82	
Sulfate	51	J	28	J	120		23	J
Total Organic Carbon (Average)	365		100	U	5690		100	U
Total Organic Carbon (Rep1)	380		100	U	6600		100	U
Total Organic Carbon (Rep2)	350		100		4780		280	
Metals (mg/kg)								
Iron	4860		3980		7790		7660	
Manganese	42.6		38.3		173		439	

Notes:

1. bgs = below grade surface
2. mg/kg = milligrams per kilogram

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 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 4
Remedial Investigation Report
Groundwater Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Notes:

1. Groundwater 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 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs") and to the NYSDEC Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) (October 2020).
2. Criterion comparisons for total xylenes and m,p-xylene are provided for reference. Promulgated NYSDEC SGVs are for o-xylene, m-xylene, and p-xylene.
3. Detected analytical results above NYSDEC SGVs are bolded and shaded.
4. Detected analytical results above NYSDEC October 2020 Guidance Values are red.
5. Analytical results with reporting limits (RL) above the applicable criteria are italicized.
6. Sample GWDUP01_090220 is a duplicate sample of MW30_090220 and sample DUP02_100315 is a duplicate sample of TMW10_100315.
7. ~ = Regulatory limit for this analyte does not exist
8. µg/l = micrograms per liter
9. ng/l = nanograms per liter
10. NA = Not analyzed

Qualifiers:

- R = The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- J = The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ = The reported value may be biased high. The actual value is expected to be less than the reported value
- J- = The reported value may be biased low. The actual value is expected to be greater than the reported value
- 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.
- NJ = The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location		AA02	AA02	AA03	SV01	SV03	SV05	SV08	SV10	SV12	SV12					
Sample ID	NYSDOH Decision	AA02_070920	AA02_070920	AA03_100315	SV01_100315	SV03_100315	SV05_100315	SV08_100315	SV10_100315	SV12_070920	SV12_070920					
Laboratory ID	Matrices Minimum	L2029074-01	L2029076-01	L1525068-03	L1525068-04	L1525068-02	L1525068-05	L1525068-06	L1525068-01	L2029074-02	L2029076-02					
Sample Date	Concentrations	7/9/2020	7/9/2020	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	10/3/2015	7/9/2020	7/9/2020					
Sample Type		AA	AA	AA	SV	SV	SV	SV	SV	SV	SV					
Volatile Organic Compounds (µg/m³)																
1,1,1-Trichloroethane	~	1.09	U	NA	1.09	U	1.09	U	10.9	U	1.49	U	1.09	U	1.51	NA
1,1,2,2-Tetrachloroethane	~	1.37	U	NA	1.37	U	1.37	U	13.7	U	1.37	U	1.37	U	1.37	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	1.53	U	NA	1.53	U	1.53	U	15.3	U	1.66	U	1.53	U	1.53	NA
1,1,2-Trichloroethane	~	1.09	U	NA	1.09	U	1.09	U	10.9	U	1.09	U	1.09	U	1.09	NA
1,1-Dichloroethane	~	0.809	U	NA	0.809	U	0.809	U	8.09	U	0.809	U	0.809	U	0.809	NA
1,1-Dichloroethene	6	0.793	U	NA	0.793	U	0.793	U	7.93	U	0.793	U	0.793	U	0.793	NA
1,2,4-Trichlorobenzene	~	1.48	U	NA	1.48	U	1.48	U	14.8	U	1.48	U	1.48	U	1.48	NA
1,2,4-Trimethylbenzene	~	0.983	U	NA	0.983	U	10	U	13.4	U	11.4	U	11.1	U	14.8	NA
1,2-Dibromoethane (Ethylene Dibromide)	~	1.54	U	NA	1.54	U	1.54	U	15.4	U	1.54	U	1.54	U	1.54	NA
1,2-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	12	U	1.2	U	1.2	U	1.2	NA
1,2-Dichloroethane	~	0.809	U	NA	0.809	U	0.809	U	8.09	U	0.809	U	0.809	U	0.809	NA
1,2-Dichloropropane	~	0.924	U	NA	0.924	U	0.924	U	9.24	U	0.924	U	0.924	U	0.924	NA
1,2-Dichlorotetrafluoroethane	~	1.4	U	NA	1.4	U	1.4	U	14	U	1.4	U	1.4	U	1.4	NA
1,3,5-Trimethylbenzene (Mesitylene)	~	0.983	U	NA	0.983	U	3.22	U	3.19	U	9.83	U	3.81	U	4.37	NA
1,3-Butadiene	~	0.442	U	NA	0.442	U	0.442	U	2.81	U	20.5	U	1.99	U	1.16	NA
1,3-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	12	U	1.2	U	1.2	U	1.2	NA
1,4-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	12	U	1.2	U	1.2	U	1.2	NA
1,4-Dioxane (P-Dioxane)	~	0.721	U	NA	0.721	U	0.721	U	7.21	U	0.721	U	0.721	U	0.721	NA
2,2,4-Trimethylpentane	~	2.43	J	NA	0.934	U	2.38	U	3.13	U	111	U	0.934	U	257	0.934
2-Hexanone	~	0.82	U	NA	0.82	U	0.82	U	8.2	U	0.82	U	0.82	U	68.4	J
4-Ethyltoluene	~	0.983	U	NA	0.983	U	4.57	U	9.83	U	5.26	U	4.54	U	1.79	NA
Acetone	~	8.12	U	NA	4.25	U	22.3	U	39.2	U	172	U	98.6	U	234	NA
Allyl Chloride (3-Chloropropene)	~	0.626	U	NA	0.626	U	0.626	U	6.26	U	0.626	U	0.626	U	0.626	U
Benzene	~	1.32	U	NA	0.639	U	1.42	U	3.61	U	23.4	U	11.4	U	26.1	NA
Benzyl Chloride	~	1.04	U	NA	1.04	U	1.04	U	10.4	U	1.04	U	1.04	U	1.04	U
Bromodichloromethane	~	1.34	U	NA	1.34	U	1.34	U	13.4	U	1.34	U	1.34	U	1.34	NA
Bromoethene	~	0.874	U	NA	0.874	U	0.874	U	8.74	U	0.874	U	0.874	U	0.874	NA
Bromoform	~	2.07	U	NA	2.07	U	2.07	U	20.7	U	2.07	U	2.07	U	2.07	NA
Bromomethane	~	0.777	U	NA	0.777	U	0.777	U	7.77	U	0.777	U	0.777	U	0.777	NA
Carbon Disulfide	~	0.623	U	NA	0.623	U	1.77	U	4.33	U	53.9	U	77.2	U	15.5	NA
Carbon Tetrachloride	6	1.26	U	NA	1.26	U	1.26	U	12.6	U	1.26	U	1.26	U	1.26	NA
Chlorobenzene	~	0.921	U	NA	0.921	U	0.921	U	9.21	U	0.921	U	0.921	U	0.921	NA
Chloroethane	~	0.528	U	NA	0.528	U	0.528	U	5.28	U	0.528	U	0.528	U	0.528	NA
Chloroform	~	0.977	U	NA	0.977	U	2.47	U	7.76	U	19.2	U	4.22	U	4.45	J
Chloromethane	~	1.1	U	NA	1.06	U	0.413	U	0.609	U	4.13	U	0.413	U	0.413	U
Cis-1,2-Dichloroethene	6	0.793	U	NA	0.793	U	0.793	U	7.93	U	0.793	U	0.793	U	0.793	NA
Cis-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	0.908	U	9.08	U	0.908	U	0.908	U	0.908	NA
Cyclohexane	~	0.688	U	NA	0.688	U	0.709	U	1.89	U	23	U	11.4	U	158	NA
Dibromochloromethane	~	1.7	U	NA	1.7	U	1.7	U	17	U	1.7	U	1.7	U	1.7	NA
Dichlorodifluoromethane	~	2.26	U	NA	1.56	U	1.33	U	1.25	U	40.4	U	5.44	U	1.02	56.9
Ethanol	~	13.9	U	NA	9.12	U	7.16	U	8.29	U	53.3	U	9.72	U	20.2	61.8
Ethyl Acetate	~	1.8	U	NA	1.8	U	1.8	U	18	U	1.8	U	1.8	U	1.8	NA
Ethylbenzene	~	0.869	U	NA	0.869	U	38.4	U	34.8	U	49.5	U	63.9	U	40.9	4
Hexachlorobutadiene	~	2.13	U	NA	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	NA
Isopropanol	~	1.24	U	NA	1.23	U	1.23	U	1.23	U	12.3	U	5.83	U	1.23	2.21
M,P-Xylene	~	2.24	U	NA	1.74	U	28.7	U	28.9	U	67.3	U	45.2	U	37	12.9
Methyl Ethyl Ketone (2-Butanone)	~	1.47	U	NA	1.47	U	6.05	U	7.08	U	25.1	U	32.4	U	6.02	187
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	2.05	U	NA	2.05	U	2.05	U	2.05	U	20.5	U	2.05	U	2.05	6.56
Methylene Chloride	100	1.74	U	NA	1.74	U	1.74	U	1.74	U	17.4	U	1.74	U	1.74	U
n-Heptane	~	0.82	U	NA	0.82	U	34.7	U	27.8	U	114	U	147	U	71.3	74.6
n-Hexane	~	1.06	U	NA	0.705	U	92	U	47.2	U	217	U	327	U	244	21.1
o-Xylene (1,2-Dimethylbenzene)	~	0.886	U	NA	0.869	U	11.2	U	11.6	U	26.1	U	18	U	16.7	7.17
Styrene	~	0.852	U	NA	0.852	U	16	U	14.6	U	16	U	24.6	U	13.8	0.949
Tert-Butyl Alcohol	~	1.52	U	NA	1.52	U	10.6	U	8.73	U	17.8	U	19.9	U	1.52	U
Tert-Butyl Methyl Ether	~	0.721	U	NA	0.721	U	0.721	U	0.721	U	7.21	U	0.721	U	0.721	U
Tetrachloroethene (PCE)	100	1.36	U	NA	1.36	U	3.36	U	60.2	U	82.7	U	30	U	7.12	42.6
Tetrahydrofuran	~	1.47	U	NA	1.47	U	1.57	U	1.73	U	14.7	U	3.8	U	1.47	U
Toluene	~	2.39	U	NA	0.769	U	16.6	U	18.7	U	46.4	U	36.3	U	36.5	26.5
Total Xylenes	~	3.13	U	NA	NA	U	NA	U	NA	U	NA	U	NA	U	NA	20.1
Trans-1,2-Dichloroethene	~	0.793	U	NA	0.793	U	0.793	U	7.93	U	0.793	U	0.793	U	0.793	NA
Trans-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	0.908	U	9.08	U	0.908	U	0.908	U	0.908	NA
Trichloroethene (TCE)	6	1.07	U	NA	1.07	U	1.07	U	7.47	U	70.7	U	2.1	U	1.09	1.07
Trichlorofluoromethane	~	1.45	J	NA	1.43	U	1.37	U	2.05	U	4.180	U	1.79	U	2.24	7.02
Vinyl Chloride	6	0.511	U	NA	0.511	U	0.511	U	0.511	U	5.11	U	0.511	U	0.511	U
Total BTEX	~	6.84	U	NA	0.769	U	56.4	U	57.1	U	112	U	104	U	60.4	NA
Total VOCs	~	38.4	U	NA	18.2	U	319	U	361	U	5,350	U	1,190	U	960	NA
Other (µg/m³)																
Mercury	~	NA	U	0.00082	U	NA	U	NA	U	NA	U	NA	U	NA	U	0.00073

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location	NYSDOH Decision	SV14	SV14	SV17	SV17	SV17	SV17	SV17	SV19	SV19	SV21	SV21
Sample ID	Matrices Minimum	SV14_070920	SV14_070920	SV17_070920	DUP01_070920	SV17_070920	DUP01_070920	SV17_070920	SV19_070920	SV19_070920	SV21_070920	SV21_070920
Laboratory ID	Concentrations	L2029074-06	L2029076-03	L2029074-03	L2029074-14	L2029076-04	L2029076-18	L2029074-04	L2029076-05	L2029074-05	L2029076-06	L2029076-06
Sample Date		7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020
Sample Type		SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV
Volatile Organic Compounds (µg/m³)												
1,1,1-Trichloroethane	~	1.09	U	NA	1.09	U	1.09	U	NA	1.09	U	NA
1,1,2,2-Tetrachloroethane	~	1.37	U	NA	1.37	U	1.37	U	NA	1.37	U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	1.53	U	NA	1.53	U	1.53	U	NA	1.53	U	NA
1,1,2-Trichloroethane	~	1.09	U	NA	1.09	U	1.09	U	NA	1.09	U	NA
1,1-Dichloroethane	~	0.809	U	NA	0.809	U	0.809	U	NA	0.809	U	NA
1,1-Dichloroethene	6	0.793	U	NA	0.793	U	0.793	U	NA	0.793	U	NA
1,2,4-Trichlorobenzene	~	1.48	U	NA	1.48	U	1.48	U	NA	1.48	U	NA
1,2,4-Trimethylbenzene	~	3.76	U	NA	4.01	U	2.73	U	NA	4.71	U	NA
1,2-Dibromoethane (Ethylene Dibromide)	~	1.54	U	NA	1.54	U	1.54	U	NA	1.54	U	NA
1,2-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	NA	1.2	U	NA
1,2-Dichloroethane	~	0.809	U	NA	0.809	U	0.809	U	NA	0.809	U	NA
1,2-Dichloropropane	~	0.924	U	NA	0.924	U	0.924	U	NA	0.924	U	NA
1,2-Dichlorotetrafluoroethane	~	1.4	U	NA	1.4	U	1.4	U	NA	1.4	U	NA
1,3,5-Trimethylbenzene (Mesitylene)	~	1.04	U	NA	1.23	U	0.983	U	NA	1.17	U	NA
1,3-Butadiene	~	0.542	U	NA	0.442	U	0.442	U	NA	0.442	U	NA
1,3-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	NA	1.2	U	NA
1,4-Dichlorobenzene	~	1.2	U	NA	1.2	U	1.2	U	NA	1.2	U	NA
1,4-Dioxane (P-Dioxane)	~	0.721	U	NA	0.721	U	0.721	U	NA	0.721	U	NA
2,2,4-Trimethylpentane	~	0.934	UJ	NA	1.94	J	124	J	NA	0.934	UJ	NA
2-Hexanone	~	1.2	J	NA	1.7	J	23.2	J	NA	45.5	J	NA
4-Ethyltoluene	~	0.983	U	NA	0.983	U	0.983	U	NA	0.983	U	NA
Acetone	~	2.83	U	NA	1.84	U	2.15	U	NA	65.6	U	NA
Alyl Chloride (3-Chloropropene)	~	0.626	U	NA	0.626	U	0.626	U	NA	0.626	U	NA
Benzene	~	1.08	U	NA	1.35	U	1.39	U	NA	1.48	U	NA
Benzyl Chloride	~	1.04	UJ	NA	1.04	UJ	1.04	UJ	NA	1.04	UJ	NA
Bromodichloromethane	~	1.34	U	NA	1.34	U	1.34	U	NA	1.34	U	NA
Bromoethene	~	0.874	U	NA	0.874	U	0.874	U	NA	0.874	U	NA
Bromoform	~	2.07	U	NA	2.07	U	2.07	U	NA	2.07	U	NA
Bromomethane	~	0.777	U	NA	0.777	U	0.777	U	NA	0.777	U	NA
Carbon Disulfide	~	2.75	U	NA	1.68	U	1.64	U	NA	2.34	U	NA
Carbon Tetrachloride	6	1.26	U	NA	1.26	U	1.26	U	NA	1.26	U	NA
Chlorobenzene	~	0.921	U	NA	0.921	U	0.921	U	NA	0.921	U	NA
Chloroethane	~	0.528	U	NA	0.528	U	0.528	U	NA	0.528	U	NA
Chloroform	~	7.62	J	NA	28.9	J	18.4	J	NA	1.13	J	NA
Chloromethane	~	0.413	U	NA	0.413	U	0.454	U	NA	0.413	U	NA
Cis-1,2-Dichloroethene	6	0.793	U	NA	0.793	U	0.793	U	NA	0.793	U	NA
Cis-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	0.908	U	NA	0.908	U	NA
Cyclohexane	~	0.688	U	NA	1.92	U	1.34	U	NA	0.688	U	NA
Dibromochloromethane	~	1.7	U	NA	1.7	U	1.7	U	NA	1.7	U	NA
Dichlorodifluoromethane	~	19.1	U	NA	13.2	U	10.6	U	NA	7.37	U	NA
Ethanol	~	27.1	U	NA	20.3	U	31.1	U	NA	14.9	U	NA
Ethyl Acetate	~	1.8	U	NA	1.8	U	1.8	U	NA	1.8	U	NA
Ethylbenzene	~	1.39	U	NA	1.55	U	1.26	U	NA	1.78	U	NA
Hexachlorobutadiene	~	2.13	U	NA	2.13	U	2.13	U	NA	2.13	U	NA
Isopropanol	~	1.89	U	NA	1.61	U	3.42	U	NA	1.23	U	NA
M,P-Xylene	~	6.08	U	NA	8.04	U	5.95	U	NA	9.08	U	NA
Methyl Ethyl Ketone (2-Butanone)	~	42.5	U	NA	50.7	U	58.1	U	NA	125	U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	2.28	U	NA	2.05	U	2.75	U	NA	2.05	U	NA
Methylene Chloride	100	1.74	U	NA	3.34	U	3.05	U	NA	1.74	U	NA
n-Heptane	~	5.45	U	NA	18.2	U	16.6	U	NA	1.64	U	NA
n-Hexane	~	10.1	U	NA	54.3	U	45.5	U	NA	1.26	U	NA
o-Xylene (1,2-Dimethylbenzene)	~	2.92	U	NA	3.94	U	2.76	U	NA	5.21	U	NA
Styrene	~	0.852	U	NA	0.852	U	0.852	U	NA	0.852	U	NA
Tert-Butyl Alcohol	~	9.4	U	NA	8.43	U	9.82	U	NA	7.34	U	NA
Tert-Butyl Methyl Ether	~	0.721	U	NA	0.721	U	0.721	U	NA	0.721	U	NA
Tetrachloroethene (PCE)	100	7.73	J	NA	60.1	J	38	J	NA	57.6	J	NA
Tetrahydrofuran	~	2.51	U	NA	1.47	U	1.47	U	NA	1.47	U	NA
Toluene	~	4.64	U	NA	5.05	U	4.48	U	NA	6.41	U	NA
Total Xylenes	~	8.99	U	NA	12	U	8.69	U	NA	14.3	U	NA
Trans-1,2-Dichloroethene	~	0.793	U	NA	0.793	U	0.793	U	NA	0.793	U	NA
Trans-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	0.908	U	NA	0.908	U	NA
Trichloroethene (TCE)	6	1.07	U	NA	1.07	U	1.07	U	NA	1.27	U	NA
Trichlorofluoromethane	~	4.66	J	NA	8.77	J	6.69	J	NA	24.8	J	NA
Vinyl Chloride	6	0.511	U	NA	0.511	U	0.511	U	NA	0.511	U	NA
Total BTEX	~	16.1	U	NA	20	U	15.8	U	NA	24	U	NA
Total VOCs	~	460	U	NA	692	U	628	U	NA	386	U	NA
Other (µg/m³)												
Mercury	~	NA	UJ	0.00096	UJ	NA	NA	0.00085	UJ	0.871	UJ	NA

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location		SV23	SV23	SV24	SV24	SV28	SV28	SV29	SV29	SV30	SV30		
Sample ID	NYSDOH Decision	SV23_070920	SV23_070920	SV24_070920	SV24_070920	SV28_070920	SV28_070920	SV29_070920	SV29_070920	SV30_070920	SV30_070920		
Laboratory ID	Matrices Minimum	L2029074-07	L2029076-07	L2029074-08	L2029076-08	L2029074-09	L2029076-09	L2029074-10	L2029076-10	L2029074-11	L2029076-11		
Sample Date	Concentrations	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020	7/9/2020		
Sample Type		SV	SV	SV	SV	SV	SV	SV	SV	SV	SV		
Volatile Organic Compounds (µg/m³)													
1,1,1-Trichloroethane	~	1.09	U	NA	1.09	U	NA	1.82	U	NA	3.21	U	NA
1,1,2,2-Tetrachloroethane	~	1.37	U	NA	1.37	U	NA	2.29	U	NA	4.04	U	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	1.53	U	NA	1.53	U	NA	2.55	U	NA	4.51	U	NA
1,1,2-Trichloroethane	~	1.09	U	NA	1.09	U	NA	1.82	U	NA	3.21	U	NA
1,1-Dichloroethane	~	0.809	U	NA	0.809	U	NA	1.35	U	NA	2.38	U	NA
1,1-Dichloroethene	6	0.793	U	NA	0.793	U	NA	1.32	U	NA	2.33	U	NA
1,2,4-Trichlorobenzene	~	1.48	U	NA	1.48	U	NA	2.47	U	NA	4.36	U	NA
1,2,4-Trimethylbenzene	~	4.12	U	NA	4.15	U	NA	5.11	U	NA	27.9	U	NA
1,2-Dibromoethane (Ethylene Dibromide)	~	1.54	U	NA	1.54	U	NA	2.56	U	NA	4.52	U	NA
1,2-Dichlorobenzene	~	1.2	U	NA	1.2	U	NA	2	U	NA	3.54	U	NA
1,2-Dichloroethane	~	0.809	U	NA	0.809	U	NA	1.35	U	NA	2.38	U	NA
1,2-Dichloropropane	~	0.924	U	NA	0.924	U	NA	1.54	U	NA	2.72	U	NA
1,2-Dichlorotetrafluoroethane	~	1.4	U	NA	1.4	U	NA	2.33	U	NA	4.11	U	NA
1,3,5-Trimethylbenzene (Mesitylene)	~	0.983	U	NA	1.19	U	NA	1.88	U	NA	11.2	U	NA
1,3-Butadiene	~	0.442	U	NA	0.442	U	NA	0.737	U	NA	4.54	U	NA
1,3-Dichlorobenzene	~	1.2	U	NA	1.2	U	NA	2	U	NA	3.54	U	NA
1,4-Dichlorobenzene	~	1.2	U	NA	1.2	U	NA	2	U	NA	3.54	U	NA
1,4-Dioxane (P-Dioxane)	~	0.721	U	NA	0.721	U	NA	1.2	U	NA	2.12	U	NA
2,2,4-Trimethylpentane	~	0.934	UJ	NA	0.934	UJ	NA	1.56	UJ	NA	96.2	J	NA
2-Hexanone	~	20.4	J	NA	12.3	J	NA	26.6	J	NA	126	J	NA
4-Ethyltoluene	~	0.983	U	NA	0.983	U	NA	1.64	U	NA	7.47	U	NA
Acetone	~	245	U	NA	197	U	NA	340	U	NA	570	U	NA
Allyl Chloride (3-Chloropropene)	~	0.626	U	NA	0.626	U	NA	1.04	U	NA	1.84	U	NA
Benzene	~	1.18	U	NA	1.77	U	NA	2.57	U	NA	125	U	NA
Benzyl Chloride	~	1.04	UJ	NA	1.04	UJ	NA	1.72	UJ	NA	3.04	UJ	NA
Bromodichloromethane	~	1.34	U	NA	1.34	U	NA	2.23	U	NA	3.94	U	NA
Bromoethene	~	0.874	U	NA	0.874	U	NA	1.46	U	NA	2.57	U	NA
Bromoform	~	2.07	U	NA	2.07	U	NA	3.44	U	NA	6.08	U	NA
Bromomethane	~	0.777	U	NA	0.777	U	NA	1.29	U	NA	2.28	U	NA
Carbon Disulfide	~	2.39	U	NA	3.27	U	NA	2.91	U	NA	214	U	NA
Carbon Tetrachloride	6	1.26	U	NA	1.26	U	NA	2.09	U	NA	3.7	U	NA
Chlorobenzene	~	0.921	U	NA	0.921	U	NA	1.53	U	NA	2.71	U	NA
Chloroethane	~	0.528	U	NA	0.528	U	NA	0.879	U	NA	1.72	U	NA
Chloroform	~	4.24	J	NA	7.42	J	NA	10.4	J	NA	3.37	J	NA
Chloromethane	~	0.413	U	NA	0.413	U	NA	0.688	U	NA	1.64	U	NA
Cis-1,2-Dichloroethene	6	0.793	U	NA	0.793	U	NA	1.34	U	NA	2.33	U	NA
Cis-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	NA	1.51	U	NA	2.67	U	NA
Cyclohexane	~	0.688	U	NA	0.688	U	NA	1.37	U	NA	89.5	U	NA
Dibromochloromethane	~	1.7	U	NA	1.7	U	NA	2.84	U	NA	5.01	U	NA
Dichlorodifluoromethane	~	8.8	U	NA	5.79	U	NA	3.44	U	NA	8.9	U	NA
Ethanol	~	27.5	U	NA	19.2	U	NA	33.4	U	NA	97.6	U	NA
Ethyl Acetate	~	1.8	U	NA	1.8	U	NA	3.01	U	NA	5.3	U	NA
Ethylbenzene	~	1.55	U	NA	50	U	NA	1.96	U	NA	28.6	U	NA
Hexachlorobutadiene	~	2.13	U	NA	2.13	U	NA	3.55	U	NA	6.27	U	NA
Isopropanol	~	2.95	U	NA	1.3	U	NA	2.93	U	NA	11.7	U	NA
M, P-Xylene	~	7.38	U	NA	245	U	NA	8.99	U	NA	80.4	U	NA
Methyl Ethyl Ketone (2-Butanone)	~	64.3	U	NA	39.5	U	NA	97.6	U	NA	507	U	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	2.05	U	NA	2.05	U	NA	3.42	U	NA	9.47	U	NA
Methylene Chloride	100	1.74	U	NA	1.74	U	NA	2.9	U	NA	5.11	U	NA
n-Heptane	~	6.8	U	NA	2.53	U	NA	6.23	U	NA	179	U	NA
n-Hexane	~	14.4	U	NA	1.35	U	NA	8.32	U	NA	211	U	NA
o-Xylene (1,2-Dimethylbenzene)	~	3.71	U	NA	66.9	U	NA	4.95	U	NA	25.6	U	NA
Styrene	~	0.852	U	NA	0.852	U	NA	1.42	U	NA	2.5	U	NA
Tert-Butyl Alcohol	~	9.22	U	NA	8.09	U	NA	13.3	U	NA	36.7	U	NA
Tert-Butyl Methyl Ether	~	0.721	U	NA	0.721	U	NA	1.2	U	NA	2.12	U	NA
Tetrachloroethene (PCE)	100	~	~	~	~	~	~	~	~	~	~	~	~
Tetrahydrofuran	~	1.47	U	NA	1.47	U	NA	2.46	U	NA	30.4	U	NA
Toluene	~	5.46	U	NA	8.89	U	NA	6.1	U	NA	129	U	NA
Total Xylenes	~	11.1	U	NA	312	U	NA	13.9	U	NA	106	U	NA
Trans-1,2-Dichloroethene	~	0.793	U	NA	0.793	U	NA	1.32	U	NA	2.33	U	NA
Trans-1,3-Dichloropropene	~	0.908	U	NA	0.908	U	NA	1.51	U	NA	2.67	U	NA
Trichloroethene (TCE)	6	2.95	U	NA	5.43	U	NA	~	~	~	~	~	~
Trichlorofluoromethane	~	8.15	J	NA	25.2	J	NA	4.1	J	NA	151	J	NA
Vinyl Chloride	6	0.511	U	NA	0.511	U	NA	0.851	U	NA	1.5	U	NA
Total BTEX	~	19.3	U	NA	373	U	NA	24.5	U	NA	389	U	NA
Total VOCs	~	774	U	NA	1,140	U	NA	1,440	U	NA	2,910	U	NA
Other (µg/m³)													
Mercury	~	NA	UJ	0.00078	NA	UJ	0.00084	NA	UJ	0.00089	NA	UJ	0.00096

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Location		SV32	SV32	SV37	SV37	SV38	SV38	SV39	SV39	V1	V3	V5
Sample ID	NYSDOH Decision	SV32_070920	SV32_070920	SV37_070920	SV37_070920	SV38_080320	SV38_080320	SV39_080320	SV39_080320	V1_070920	V3_070920	V5_070920
Laboratory ID	Matrices Minimum	L2029074-13	L2029076-12	L2029074-12	L2029076-13	L2031269-01	L2031271-01	L2031269-02	L2031271-02	L2029076-14	L2029076-15	L2029076-16
Sample Date	Concentrations	7/9/2020	7/9/2020	7/9/2020	7/9/2020	8/3/2020	8/3/2020	8/3/2020	8/3/2020	7/9/2020	7/9/2020	7/9/2020
Sample Type		SV	SV	SV	SV	SV	SV	SV	SV	SV	SV	SV
Volatile Organic Compounds (µg/m³)												
1,1,1-Trichloroethane	100	110 U	NA	1.09 U	NA	16.5 U	NA	18.7 U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	~	138 U	NA	1.37 U	NA	20.7 U	NA	23.5 U	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	154 U	NA	1.53 U	NA	23.1 U	NA	26.2 U	NA	NA	NA	NA
1,1,2-Trichloroethane	~	110 U	NA	1.09 U	NA	16.5 U	NA	18.7 U	NA	NA	NA	NA
1,1-Dichloroethane	~	81.4 U	NA	0.809 U	NA	12.2 U	NA	13.8 U	NA	NA	NA	NA
1,1-Dichloroethene	6	79.7 U	NA	0.793 U	NA	12 U	NA	13.6 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	~	149 U	NA	1.48 U	NA	22.4 U	NA	25.4 U	NA	NA	NA	NA
1,2,4-Trimethylbenzene	~	98.8 U	NA	4.12 U	NA	66.9 U	NA	32.9 U	NA	NA	NA	NA
1,2-Dibromoethane (Ethylene Dibromide)	~	154 U	NA	1.54 U	NA	23.2 U	NA	26.3 U	NA	NA	NA	NA
1,2-Dichlorobenzene	~	121 U	NA	1.2 U	NA	18.2 U	NA	20.6 U	NA	NA	NA	NA
1,2-Dichloroethane	~	81.4 U	NA	0.809 U	NA	12.2 U	NA	13.8 U	NA	NA	NA	NA
1,2-Dichloropropane	~	92.9 U	NA	0.924 U	NA	14 U	NA	15.8 U	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	~	140 U	NA	1.4 U	NA	21.1 U	NA	23.9 U	NA	NA	NA	NA
1,3,5-Trimethylbenzene (Mesitylene)	~	98.8 U	NA	1.14 U	NA	19.2 U	NA	20.5 U	NA	NA	NA	NA
1,3-Butadiene	~	44.5 U	NA	0.442 U	NA	6.68 U	NA	7.57 U	NA	NA	NA	NA
1,3-Dichlorobenzene	~	121 U	NA	1.2 U	NA	18.2 U	NA	20.6 U	NA	NA	NA	NA
1,4-Dichlorobenzene	~	121 U	NA	1.2 U	NA	18.2 U	NA	20.6 U	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	~	72.4 U	NA	0.721 U	NA	10.9 U	NA	12.3 U	NA	NA	NA	NA
2,2,4-Trimethylpentane	~	4,100 J	NA	0.934 UJ	NA	110 U	NA	84.1 U	NA	NA	NA	NA
2-Hexanone	~	82.4 UJ	NA	34.5 J	NA	400 U	NA	590 U	NA	NA	NA	NA
4-Ethyltoluene	~	98.8 U	NA	0.983 U	NA	14.8 U	NA	16.8 U	NA	NA	NA	NA
Acetone	~	238 U	NA	442 U	NA	245 U	NA	333 U	NA	NA	NA	NA
Allyl Chloride (3-Chloropropene)	~	62.9 U	NA	0.626 U	NA	9.45 U	NA	10.7 U	NA	NA	NA	NA
Benzene	~	649 U	NA	1.86 U	NA	20.7 U	NA	20.3 U	NA	NA	NA	NA
Benzyl Chloride	~	104 UJ	NA	1.04 UJ	NA	15.6 U	NA	17.7 U	NA	NA	NA	NA
Bromodichloromethane	~	135 U	NA	1.34 U	NA	20.2 U	NA	22.9 U	NA	NA	NA	NA
Bromoethene	~	87.9 U	NA	0.874 U	NA	13.2 U	NA	15 U	NA	NA	NA	NA
Bromoform	~	208 U	NA	2.07 U	NA	31.2 U	NA	35.4 U	NA	NA	NA	NA
Bromomethane	~	78 U	NA	0.777 U	NA	11.7 U	NA	13.3 U	NA	NA	NA	NA
Carbon Disulfide	~	114 U	NA	7.22 U	NA	9.4 U	NA	60.1 U	NA	NA	NA	NA
Carbon Tetrachloride	6	126 U	NA	1.26 U	NA	19 U	NA	21.5 U	NA	NA	NA	NA
Chlorobenzene	~	92.6 U	NA	0.921 U	NA	13.9 U	NA	15.8 U	NA	NA	NA	NA
Chloroethane	~	53 U	NA	0.528 U	NA	7.97 U	NA	9.02 U	NA	NA	NA	NA
Chloroform	~	98.2 UJ	NA	6.45 J	NA	14.7 U	NA	16.7 U	NA	NA	NA	NA
Chloromethane	~	41.5 U	NA	0.413 U	NA	6.24 U	NA	8.49 U	NA	NA	NA	NA
Cis-1,2-Dichloroethene	6	79.7 U	NA	0.793 U	NA	12 U	NA	13.6 U	NA	NA	NA	NA
Cis-1,3-Dichloropropene	~	91.3 U	NA	0.908 U	NA	13.7 U	NA	15.5 U	NA	NA	NA	NA
Cyclohexane	~	3,070 U	NA	1.77 U	NA	17 U	NA	17 U	NA	NA	NA	NA
Dibromochloromethane	~	171 U	NA	1.7 U	NA	25.7 U	NA	29.1 U	NA	NA	NA	NA
Dichlorodifluoromethane	~	99.4 U	NA	271 U	NA	14.9 U	NA	16.9 U	NA	NA	NA	NA
Ethanol	~	946 U	NA	45.6 U	NA	171 U	NA	161 U	NA	NA	NA	NA
Ethyl Acetate	~	181 U	NA	1.8 U	NA	27.2 U	NA	30.8 U	NA	NA	NA	NA
Ethylbenzene	~	414 U	NA	2.26 U	NA	62.1 U	NA	60.8 U	NA	NA	NA	NA
Hexachlorobutadiene	~	214 U	NA	2.13 U	NA	32.2 U	NA	36.5 U	NA	NA	NA	NA
Isopropanol	~	123 U	NA	3.61 U	NA	18.6 U	NA	21 U	NA	NA	NA	NA
M,P-Xylene	~	1,790 U	NA	9.64 U	NA	199 U	NA	197 U	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	~	148 U	NA	117 U	NA	3,420 U	NA	3,750 U	NA	NA	NA	NA
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	206 U	NA	2.05 U	NA	30.9 U	NA	35.1 U	NA	NA	NA	NA
Methylene Chloride	100	174 U	NA	1.74 U	NA	26.2 U	NA	29.7 U	NA	NA	NA	NA
n-Heptane	~	12,100 U	NA	35.7 U	NA	48.4 U	NA	53.3 U	NA	NA	NA	NA
n-Hexane	~	13,900 U	NA	200 U	NA	104 U	NA	92.7 U	NA	NA	NA	NA
o-Xylene (1,2-Dimethylbenzene)	~	656 U	NA	4.25 U	NA	78.2 U	NA	79.5 U	NA	NA	NA	NA
Styrene	~	85.6 U	NA	0.852 U	NA	12.9 U	NA	14.6 U	NA	NA	NA	NA
Tert-Butyl Alcohol	~	152 U	NA	1.52 U	NA	22.9 UJ	NA	25.9 UJ	NA	NA	NA	NA
Tert-Butyl Methyl Ether	~	72.5 U	NA	0.721 U	NA	10.9 U	NA	12.3 U	NA	NA	NA	NA
Tetrachloroethene (PCE)	100	136 UJ	NA	6.39 J	NA	283 U	NA	300 U	NA	NA	NA	NA
Tetrahydrofuran	~	148 U	NA	1.52 U	NA	22.3 U	NA	25.2 U	NA	NA	NA	NA
Toluene	~	2,520 U	NA	6.44 U	NA	274 U	NA	221 U	NA	NA	NA	NA
Total Xylenes	~	2,450 U	NA	13.9 U	NA	277 U	NA	277 U	NA	NA	NA	NA
Trans-1,2-Dichloroethene	~	79.7 U	NA	0.793 U	NA	12 U	NA	13.6 U	NA	NA	NA	NA
Trans-1,3-Dichloropropene	~	91.3 U	NA	0.908 U	NA	13.7 U	NA	15.5 U	NA	NA	NA	NA
Trichloroethene (TCE)	6	708 U	NA	1.1 U	NA	16.2 U	NA	18.4 U	NA	NA	NA	NA
Trichlorofluoromethane	~	113 UJ	NA	1.42 J	NA	17.3 U	NA	86.5 U	NA	NA	NA	NA
Vinyl Chloride	6	51.4 U	NA	0.511 U	NA	7.72 U	NA	8.74 U	NA	NA	NA	NA
Total BTEX	~	6,030 U	NA	24.5 U	NA	634 U	NA	579 U	NA	NA	NA	NA
Total VOCs	~	39,300 U	NA	1,210 U	NA	5,540 U	NA	6,010 U	NA	NA	NA	NA
Other (µg/m³)												
Mercury	~	NA	0.00086 UJ	NA	0.00075 UJ	NA	0.271 J+	NA	0.222 J+	0.00082 UJ	0.00094 UJ	0.00065 UJ

Table 5
Remedial Investigation Report
Soil Vapor Sample Analytical Results

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Notes:

1. Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).
2. Ambient air sample analytical results are shown for reference only.
3. Detected analytical results above the minimum soil vapor concentrations recommending mitigation are bolded and shaded.
4. Analytical results with reporting limits (RL) above the minimum soil vapor concentrations recommending mitigation are italicized.
5. Sample DUP01_070920 is a duplicate of parent sample SV17_070920.
6. ~ = Regulatory limit for this analyte does not exist
7. $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter
8. AA = Ambient Air
9. SV = Soil Vapor

Qualifiers:

- J = The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- J+ = The reported value may be biased high. The actual value is expected to be less than the reported value
- J- = The reported value may be biased low. The actual value is expected to be greater than the reported value
- 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
Quality Assurance/Quality Control Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Sample ID	EB01_072920	EB03_073020	EB03_073120	EB04_080320	EB01_081720	EB01_081820	EB01_08192020	EB01_08202020	EB01_08212020	EB01_082420	EB01_08252020	GWEB01_090120
Laboratory ID	410-9062-49	410-9194-8	410-9318-7	410-9434-10	410-11057-8	410-11057-9	410-11238-11	410-11359-15	410-11539-10	410-11717-11	410-11826-8	L2036093-07
Sample Date	7/29/2020	7/30/2020	7/31/2020	8/3/2020	8/17/2020	8/18/2020	8/19/2020	8/20/2020	8/21/2020	8/24/2020	8/25/2020	9/1/2020
Sample Type	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB
Volatile Organic Compounds (µg/L)												
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/L)												
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (µg/L)												
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/L)												
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (µg/L)												
PCB-1248 (Aroclor 1248)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics (µg/L)												
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Per and Polyfluoroalkyl Substances (µg/L)												
Perfluorohexanoic Acid	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0016 U	0.0017 U	0.0016 U	0.0017 U	0.0017 U	0.00184 U
Perfluorooctanesulfonamide	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0004 J	0.0017 U	0.0009 J	0.0017 U	0.0017 U	0.00184 UJ
Perfluorotetradecanoic Acid	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0016 U	0.0016 U	0.0016 U	0.0017 U	0.0016 U	0.0017 U	0.0017 U	0.00184 U

Table 6
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Sample ID	GWEB01_090220	MFB01_072820	MFB02_072820	MFB03_072920	MFB04_072920	MFB05_072920	MFB06_072920	MFB07_072920	SOFB01_073020	SOFB02_073120	SOFB03_081820	FB01_08192020				
Laboratory ID	L2036293-10	410-8939-5	410-8939-6	410-9062-35	410-9062-36	410-9062-37	410-9062-38	410-9062-39	410-9194-9	410-9318-10	410-11057-19	410-11238-13				
Sample Date	9/2/2020	7/28/2020	7/28/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/29/2020	7/30/2020	7/31/2020	8/18/2020	8/19/2020				
Sample Type	EB	FB	FB	FB	FB	FB	FB	FB	FB	FB	FB	FB				
Volatile Organic Compounds (µg/L)																
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	20	UJ	20	UJ	20	U	NA	
Semivolatile Organic Compounds (µg/L)																
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pesticides (µg/L)																
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	0.03	UJ	0.031	UJ	0.016	J	NA	
Herbicides (µg/L)																
	NA	NA	NA	NA	NA	NA	NA	NA	ND		ND		ND		NA	
Polychlorinated Biphenyls (µg/L)																
PCB-1248 (Aroclor 1248)	NA	NA	NA	NA	NA	NA	NA	NA	0.51	UJ	0.51	UJ	0.5	UJ	NA	
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	0.51	UJ	0.51	UJ	0.5	UJ	NA	
Inorganics (µg/L)																
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	2	U	2	U	2	U	NA	
Barium	NA	NA	NA	NA	NA	NA	NA	NA	0.85	J	2	U	2	U	NA	
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA	0.5	U	0.5	U	0.5	U	NA	
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	0.5	U	0.5	U	0.5	U	NA	
Chromium, Hexavalent (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	30	U	30	U	30	U	NA	
Chromium, Total	NA	NA	NA	NA	NA	NA	NA	NA	2.9	B	2.9		0.55	BJ	NA	
Copper	NA	NA	NA	NA	NA	NA	NA	NA	1	U	1	U	1	U	NA	
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	10	U	10	U	10	U	NA	
Lead	NA	NA	NA	NA	NA	NA	NA	NA	0.5	U	0.5	U	0.5	U	NA	
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	2	U	2	U	2	U	NA	
Mercury	NA	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	0.094	BJ	NA	
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	1	U	1	U	1	U	NA	
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	1	U	1	U	1	U	NA	
Sodium (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA	
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	10	U	10	U	10	U	NA	
Per and Polyfluoroalkyl Substances (µg/L)																
Perfluorohexanoic Acid	0.000325	J	NA	NA	NA	NA	NA	NA	0.0018	U	0.0018	U	NA		0.0016	U
Perfluorooctanesulfonamide	0.00198	UJ	NA	NA	NA	NA	NA	NA	0.0018	U	0.0018	U	NA		0.0016	U
Perfluorotetradecanoic Acid	0.00198	U	NA	NA	NA	NA	NA	NA	0.0018	UJ	0.0018	U	NA		0.0016	U

Table 6
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Sample ID	FB01_08202020	FB01_08212020	SOFB04_08212020	MFB08_08262020	MFB09_08262020	MFB10_08262020	GWFB03_090120	GWFB02_090220	GWFB04_090220	TB01_100315	TB01_072820
Laboratory ID	410-11359-14	410-11539-8	410-11539-1	410-12003-46	410-12003-47	410-12003-48	L2036093-06	L2036293-08	L2036293-09	L1525052-28	410-8939-4
Sample Date	8/20/2020	8/21/2020	8/21/2020	8/26/2020	8/26/2020	8/26/2020	9/1/2020	9/2/2020	9/2/2020	10/3/2015	7/28/2020
Sample Type	FB	FB	FB	FB	FB	FB	FB	FB	FB	TB	TB
Volatile Organic Compounds (µg/L)											
Acetone	NA	NA	0.8 J	NA	NA	NA	NA	5 U	NA	5 U	20 UJ
Semivolatile Organic Compounds (µg/L)											
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	50 R	NA	NA	NA
Pesticides (µg/L)											
4,4'-DDT	NA	NA	0.03 UJ	NA	NA	NA	NA	0.029 UJ	NA	NA	NA
Herbicides (µg/L)											
	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA	NA
Polychlorinated Biphenyls (µg/L)											
PCB-1248 (Aroclor 1248)	NA	NA	0.51 UJ	NA	NA	NA	NA	0.07 J-	NA	NA	NA
Total PCBs	NA	NA	0.51 UJ	NA	NA	NA	NA	0.07 J-	NA	NA	NA
Inorganics (µg/L)											
Arsenic	NA	NA	11	NA	NA	NA	NA	0.5 U	NA	NA	NA
Barium	NA	NA	48	NA	NA	NA	NA	0.5 UJ	NA	NA	NA
Beryllium	NA	NA	0.13 J	NA	NA	NA	NA	0.5 UJ	NA	NA	NA
Cadmium	NA	NA	0.5	NA	NA	NA	NA	0.2 U	NA	NA	NA
Chromium, Hexavalent (Dissolved)	NA	NA	30 U	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	NA	NA	0.62 BJ	NA	NA	NA	NA	1 UJ	NA	NA	NA
Copper	NA	NA	4.8	NA	NA	NA	NA	1 UJ	NA	NA	NA
Cyanide	NA	NA	10 U	NA	NA	NA	NA	4 J	NA	NA	NA
Lead	NA	NA	750	NA	NA	NA	NA	1 U	NA	NA	NA
Manganese	NA	NA	92	NA	NA	NA	NA	1 U	NA	NA	NA
Mercury	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U	NA	NA	NA
Nickel	NA	NA	5.4	NA	NA	NA	NA	2 UJ	NA	NA	NA
Selenium	NA	NA	0.48 J	NA	NA	NA	NA	5 U	NA	NA	NA
Sodium (Dissolved)	NA	NA	NA	NA	NA	NA	NA	104	NA	NA	NA
Zinc	NA	NA	50	NA	NA	NA	NA	10 UJ	NA	NA	NA
Per and Polyfluoroalkyl Substances (µg/L)											
Perfluorohexanoic Acid	0.0016 U	0.0017 U	NA	NA	NA	NA	0.00184 U	NA	0.00185 U	NA	NA
Perfluorooctanesulfonamide	0.0016 U	0.0017 U	NA	NA	NA	NA	0.00184 UJ	NA	0.00185 UJ	NA	NA
Perfluorotetradecanoic Acid	0.0016 U	0.0017 U	NA	NA	NA	NA	0.00184 U	NA	0.000244 J	NA	NA

Table 6
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Sample ID	TB02_072920	TB03_073020	TB04_073120	TB05_080320	TB01_081820	TB01_08192020	TB01_08202020	TB01_08212020	TB01_082420	TB02_090120	TB01_090220
Laboratory ID	410-9062-48	410-9194-10	410-9318-8	410-9434-9	410-11057-20	410-11238-12	410-11359-16	410-11539-9	410-11717-12	L2036093-08	L2036293-11
Sample Date	7/29/2020	7/30/2020	7/31/2020	8/3/2020	8/18/2020	8/19/2020	8/20/2020	8/21/2020	8/24/2020	9/1/2020	9/2/2020
Sample Type	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
Volatile Organic Compounds (µg/L)											
Acetone	20 UJ	20 UJ	20 UJ	20 UJ	0.77 J	20 UJ	20 UJ	20 U	1.5 J	5 U	5 U
Semivolatile Organic Compounds (µg/L)											
Benzoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (µg/L)											
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (µg/L)											
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (µg/L)											
PCB-1248 (Aroclor 1248)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics (µg/L)											
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium (Dissolved)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Per and Polyfluoroalkyl Substances (µg/L)											
Perfluorohexanoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic Acid	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Remedial Investigation Report
Quality Assurance/Quality Control Sample Analytical Results Summary

250 Water Street
New York, New York
NYSDEC BCP Site No.: C231127
Langan Project No.: 170381202

Notes:

1. Only detected analytes are shown in the table.
2. µg/L = micrograms per liter
3. FB = Field Blank
4. TB = Trip Blank
5. EB = Equipment Blank
6. NA = Not Analyzed
7. ND = Not detected

Qualifiers:

B = The analyte was found in the associated analysis batch blank.

R = The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the

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.

J+ = The reported value may be biased high. The actual value is expected to be less than the reported value

J- = The reported value may be biased low. The actual value is expected to be greater than the reported value