ATTACHMENT A
SECTION I: PROPERTY INFORMATION

ATTACHMENT A
SECTION I: PROPERTY INFORMATION

Item 2: Property Maps

Figure A-1 is the required United States Geological Survey (USGS) 7.5-minute quadrangle map showing the location of the site.

Figure A-2 provides a site base map with scale, north arrow orientation, date, and location of the site with respect to adjacent streets and roadways.

Figure A-3 provides a site base map that shows i) proposed brownfield site boundary line, with adjacent property owners clearly identified; and ii) surrounding land uses.

Figure A-4 provides the Queens Borough Tax Map.

Figure E-5 provides a site survey with lands under water depicted.

Item 8: Prior Remediation

Six closed and one active New York State Department of Environmental Conservation (NYSDEC) spills are associated with the site and summarized in the table below.

Parcel/Tax Block + Lot	Spill No.	Spill Date	Closure Date	Material	Notes
57-00 Block 2601, Lot 6	94-11004	11/17/1994	11/17/1994	Gasoline	Release of unknown amount of gasoline. NYSDEC records do not indicated whether remedial work occurred.
57-00 Block 2601, Lot 6	97-09690	11/20/1997	1/8/1998	Diesel Fuel	Release of unknown amount of diesel fuel. NYSDEC records do not indicated whether remedial work occurred.
57-57 Block 2602, Lot 68	98-12248	1/4/1999	7/12/2006	Petroleum	Petroleum impacted soil identified once underground storage tank (UST) removed. Impacted soil removed.
57-00 Block 2601, Lot 6	07-09978	12/18/2007	12/28/2007	Petroleum	UST failed tank tightness test. UST repaired and retested. UST subsequently passed tightness test.
57-00 Block 2601, Lot 6	08-08170	10/21/2008	10/27/2012	Petroleum	Illegal petroleum storage and refueling operations. Impacted soil identified. Remediation occurred.
57-00 Block 2601, Lot 6	13-06438	9/19/2013	2/12/2014	Diesel	Impacted soil and pea gravel encountered in a tank vault following removal of a 4,000-gallon diesel UST. Spill reportedly remediated.
57-05 Block 2602, Lot 72	211-0517	3/172022	--	Diesel	Analytical results from post UST removal soil samples indicated a potential petroleum release.

- NYSDEC Spill No. 94-11004 was reported November 17, 1994 due to the release of an unknown volume of gasoline on the 57-00 parcel (Block 2601, Lot 6). The spill was administratively closed on November 17, 1994.
- NYSDEC Spill No. 97-09690 was reported November 20, 1997 after the release of an unknown volume of diesel fuel on soil on the 57-00 parcel (Block 2601, Lot 6). No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998.
- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum impacted soil was identified during the removal of a UST on the 57-57 parcel (Block 2602, Lot 68) while under the Boro Lumber Company occupancy. Petroleum impacted soil was removed and endpoint samples were collected. The spill was remediated and was administratively closed on July 12, 2006.
- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007 on the 57-00 parcel (Block 2601, Lot 6). The tank lines were retested and it was determined that the vent line failed due to a loose fitting. According to a NYSDEC report, evidence of petroleum impacts to the subsurface were not identified by Larry E. Tyree Co., Inc. (the contracted environmental services provider of the site occupant). The spill was administratively closed on December 28, 2007 following report submission by Larry E. Tyree Co.

- NYSDEC Spill No. 08-08170 was reported October 21, 2008 after the report of an active release of petroleum substances and illegal storage and refueling of vehicles on the 57-00 parcel (Block 2601, Lot 6). A limited subsurface investigation was reportedly completed in 2009 that identified petroleum impacts in soils from surface grade to about eight feet below grade surface. About 381.04 tons of petroleum impacted soil was reportedly excavated and disposed of in 2010. Documentation of soil and groundwater samples were collected post remediation and the spill was administratively closed on October 27, 2012.
- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel impacted soil and pea gravel was identified in a tank vault during the removal of a 4,000-gallon UST on the 57-00 parcel (Block 2601, Lot 6). A closure report summarizing the remedial work and analytical data was completed by Preferred Environmental Services. The spill was administratively closed February 12, 2014.
- NYSDEC Spill No. 211-0517 was reported on March 17, 2022 after the receipt of laboratory analytical results which indicated a diesel release on the 57-05 parcel (Block 2602, Lot 72). Soil samples were collected during the removal of one 3,500-gallon diesel UST. This spill remains open with NYSDEC.

Item 9: Lands under Water

A small section of land is beneath water on the southwestern end of the 57-00 parcel (Block 2601, Lot 6). A map depicting the section of lands under water is included as **Figure E-5**.

Item 12: Easements

The NYC Digital Tax Map did not identify easements on the subject property. However, a NYSDEC Order on Consent (OOC) exists for Tax Block 2601, Lots 1 and 6 (parcels 57-00 and 58-20). The OOC was established in relation to a required tidal wetlands management area on the western side of the Tax Lots. Impacted soil may be located within this OOC area. Applicant will consult with NYSDEC on particular investigation and remediation protocols required within the tidal wetlands management area.

Item 14: Property Description and Environmental Assessment Narrative

Location

The site is located at 57-00 (Block 2601, Lot 6), 58-20 (Block 2601, Lot 1), and 57-05 (Block 2602, Lot 72) 47th Street, Maspeth, Borough of Queens, New York. The Site is bisected by 47th Street, the 57-00 and 58-20 parcels are located on the western side of 47th Street and the 57-05 parcel is located on the eastern side of 47th Street. The site is bound to the north by 58th Road, followed by the NYC Department of Sanitation Queens West 5 Garage; to the east by a moving and storage facility and also a delivery company; to the south by the NYC Department of Environmental Protection Newtown Creek aeration facility and 57-57 47th Street (former eatery and retail store); to the west by Newtown Creek (a National Priorities List [NPL] site). Surrounding properties include single- and multi-story buildings occupied by industrial and commercial occupants.

Site Features

The site is a combined 3.74 acres and is fully vacant. Improvements at the site include buildings associated with a former concrete recycling facility including offices and a concrete testing laboratory and vehicle maintenance garage on parcel 57-00 (Block 2601, Lot 6). A garage building with office space is located on the 57-05 parcel (Block 2602, Lot 72). Permanent features are not located on the 58-20 parcel (Block 2601, Lot 1).

Current Zoning and Land Use

According to the New York City (NYC) Planning Commission Zoning Map 13b, the site is located in an M3-1 manufacturing zoning district. M3 districts are designated as areas with heavy industries that generate noise, traffic or pollutants. Typical uses include power plants, solid waste transfer facilities and recycling plants, and fuel supply depots.

Past Use of the Site

57-00 (Block 2601, Lot 6) and 58-20 (Block 2601, Lot 1)

These two tax lots were first developed as a fertilizer works circa 1897, followed by an oil depot circa 1914-1936. The building currently located on the 57-00 parcel (Block 2601, Lot 6) was constructed in mid-1960s and was used for truck parking. Truck repair occurred on the 57-00 parcel (Block 2601, Lot 6) from approximately 1982 until operations ceased in 2021. Concrete recycling began on the 57-00 parcel (Block 2601, Lot 6) circa 2004 and continued simultaneously with truck repair operations until 2021.

Probable and Confirmed Contaminants Associated with Former Operations

Metals: Heavy metals including mercury, arsenic, lead, and nickel were identified within soil and groundwater samples collected on Block 2601, Lot 1 and/or Lot 6. The presence of these heavy metals in soil and groundwater may be associated with historical fertilizer works operations conducted on the site from circa 1902 to 1914.

Semi-Volatile Organic Compounds (SVOCs): SVOCs were identified in surficial soils and in groundwater across this portion of the site. Their presence in soil and groundwater at the site may be related to former truck repair operations and oil depot operations on both tax lots (Block 2601; Lot 6 & Block 2601; Lot 1) and former concrete recycling operations on the northern end of Lot 6 and the entirety of Lot 1. Former truck repair occurred from circa 1976 through 2021 and Valvoline Oil Co. operated circa 1914 to 1936.

Volatile Organic Compounds (VOCs): Chlorinated solvents and petroleum-related (ethylbenzene in groundwater) contamination was identified in soil vapor and/or groundwater on this portion of the site. The presence of these compounds in soil vapor and/or groundwater may be attributed to former vehicle maintenance/repair operations which occurred on Block 2601; Lot 6 circa 1976 through 2001. Chlorinated solvent-based degreasers may have been utilized in association with these operations.

NYSDEC Programs:

- Petroleum Bulk Storage Program
- Solid Waste Disposal Facility
- Closed Spill Cases
- Order of Consent

57-05 (Block 2602, Lot 72)

The 57-05 parcel also historically operated as a fertilizer works (circa 1897) and oil depot (circa 1914-1936) along with the 57-00 parcel (Block 2601, Lot 6). A motor freight station operated on this parcel circa 1963 and 1982 to 2006. From 2006 to 2021 the parcel was utilized to store materials, maintain vehicles, and stage equipment/trucks.

One 4,500-gallon diesel UST was removed in December 1998. A 550-gallon waste oil UST and a 3,500-gallon diesel UST were removed from the parcel February 21, 2022.

Probable and Confirmed Contaminants Associated with Former Operations

Metals: Heavy metals were not identified within soils on this portion of the site. However, iron, manganese, and sodium were identified in site groundwater. These metals are likely naturally occurring on the site.

SVOCs: SVOCs were not identified within soil or groundwater on this portion of the site.

VOCs: Soil and groundwater within this portion of the site contain petroleum-related VOC contamination. These impacts are potentially attributed to former underground storage tanks and/or the former oil depot on this portion of the property. Sub-slab vapors were not identified. VOC impacts may be associated with the historical motor freight station or vehicle maintenance operations that occurred on this portion of the site

NYSDEC programs:

- Petroleum Bulk Storage Program
- Closed and Open Spill Database Cases

Site Geology and Hydrogeology

The United States Department of Agriculture indicates the surficial geology of the site consists of predominantly Urban Land, with a till substratum and also Urban land, tidal marsh. According to Bakersville's Bedrock and Engineering Maps of New York County and Parts of Kings and Queen Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of micaschist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Geological surface features (i.e. outcroppings) were not identified.

Soil borings completed as part of a Phase II Environmental Site Investigation (ESI) performed by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) in July 2021 indicated the site is underlain by fill material consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete was identified from below surface grade to depths ranging from about 4 to 16 feet bgs. Native soil, typically consisting of fine-grained sand and silt with varying amounts of medium sand, peat and fine gravel was identified beneath the fill layer to the

boring termination depths, ranging from 5 to 20 feet bgs. Peat was detected in some boring locations at a depth of approximately 11.5 feet bgs.

Groundwater was encountered at depths of approximately 7 to 10.5 feet below grade during Langan's Phase II ESI. Groundwater flow is suspected to be westerly towards Newtown Creek; groundwater flow direction was not evaluated as part of Langan's Phase II ESI.

Environmental Assessment

Based on the findings of previous subsurface investigations, the primary contaminants of concern on the site are volatile organic compound (VOC), semi-volatile organic compound (SVOC), and metals in soil, groundwater and/or soil vapor on all three Tax Block/Lots that comprise the site. The primary contaminants of concern for the site have been detected in soil, groundwater and/or soil vapor at concentrations exceeding the applicable regulatory criteria for the intended future use of the site, below are further details regarding contaminants of concern and impacted media. Reports detailing the findings below are included in **Attachment B**.

A findings summation is below:

- Field Evidence of Petroleum Impacts:
    - Odors, staining, and elevated photoionization detector (PID) readings were identified in soil borings installed on the southeastern end of parcel 57-00 (Block 2601, Lot 6) and the northeastern end of parcel 57-05 (Block 2602, Lot 72). The soil boring installed within the southeastern end of the 57-00 parcel (Block 2601, Lot 1) was installed within a former UST grave (SB01). Soil boring SB02 located within the 57-00 parcel (Block 2601, Lot 6) building (SB02). The soil boring installed within the northeastern end of the 57-05 parcel was located near a UST which was removed in March 2022 (SB04). These soil borings are depicted on **Figure E-1** located in **Attachment E**.
    - Following the removal of a 3,500-gallon diesel UST from the 57-05 parcel, staining, odors, and PID readings of up to 52 parts per million were identified within the excavation.

- Soil:
    - VOCs, SVOCs, and metals were detected in soil on the 57-00, 58-20, and 57-05 parcels at concentrations above the New York State Department of Environmental Conservation (NYSDEC) Title 6 Part 375 Protection of

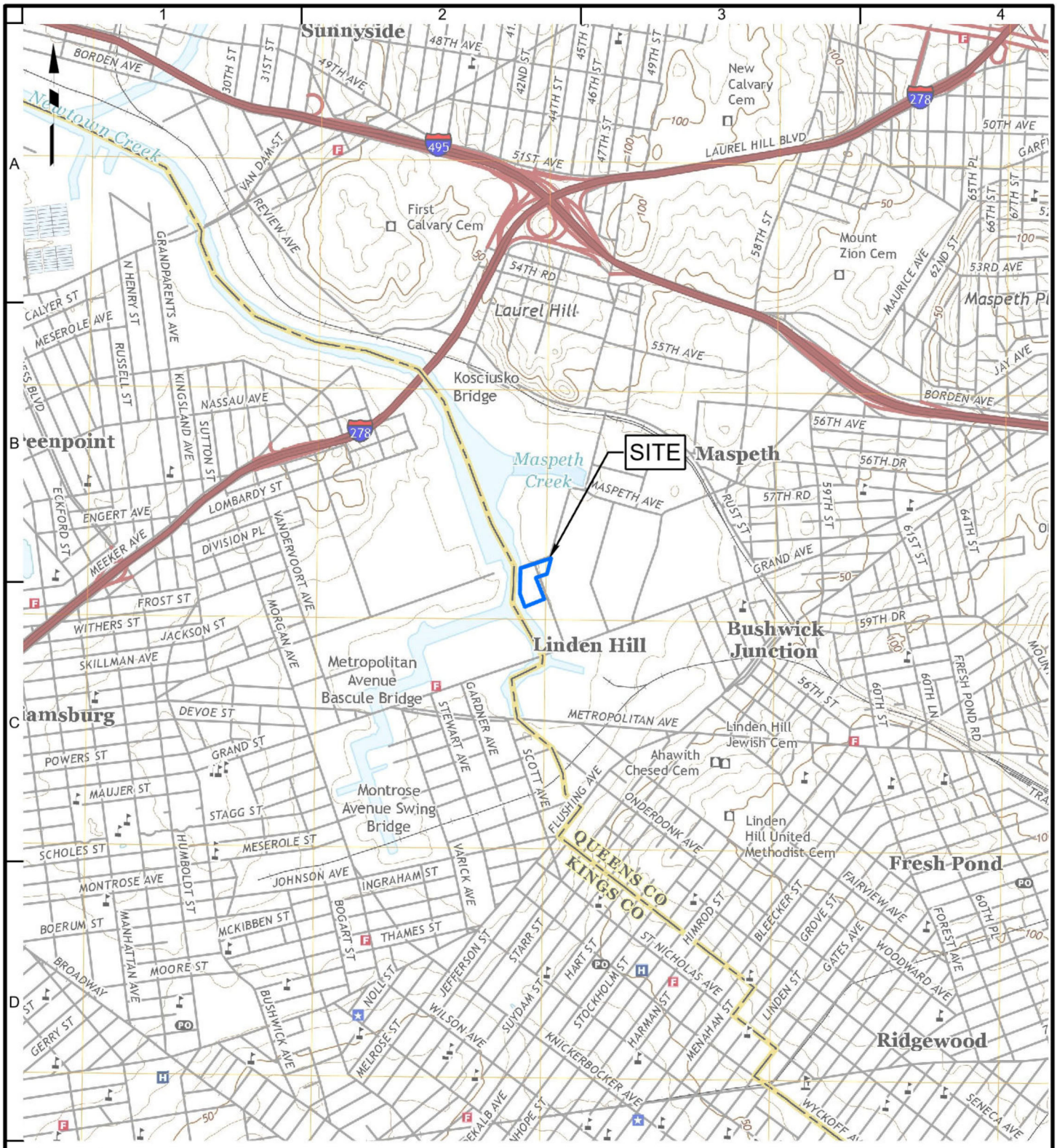
Groundwater Soil Cleanup Objectives (SCOs), Restricted Commercial Use SCOs (Commercial Use SCOs), and/or Restricted Industrial Use SCOs (Industrial SCOs).

- VOCs which were greater than their respective Protection of Groundwater SCOs include 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, ethylbenzene, n-butylbenzene, n-propylbenzene, total xylenes, and methyl ethyl ketone.
- One SVOC (chrysene) was detected above the Protection of Groundwater SCO but no other criteria. SVOCs were detected in soil throughout the 57-00 and 58-20 parcels at concentrations greater than Commercial Use SCOs and/or Industrial Use SCOs. SVOCs which were greater than their respective Commercial Use SCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and ideno(1,2,3-cd)pyrene. SVOCs which were identified greater than their respective Industrial Use SCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene. SVOCs detected several times greater than the Industrial Use SCOs include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene.
- One metal (selenium) was detected at a concentration above the Protection of Groundwater SCO. Metals in four soil samples were detected several times greater than the Industrial Use SCO. These four samples were collected as per Langan's November 2021 Phase II ESI and are identified as samples SB10_3-4, SB07_8-9, LB-10 (6.5-7.0), and USTB-4; **Figure E-1** depicts these locations and sample concentrations. The metals identified at unusually high concentrations include arsenic, lead and mercury.

- Groundwater:
  - Groundwater sample locations are depicted in **Figure E-2**. Groundwater sample MW02 was collected from the 57-00 parcel and contained the VOCs 1,2-dichloropropane, isopropylbenzene, ethylbenzene, and n-propylbenzene at concentrations greater than their respective NYSDEC Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs). Two groundwater samples collected from the 57-05 parcel contained the VOCs methyl tert-butyl ether and toluene at concentrations greater than the SGVs.

  - The Underground Injection Control (UIC) structure on the 57-05 parcel was sampled; liquids within this structure contained toluene, which was also detected in groundwater above its SGV in a nearby temporary well point TW-8. The UIC structure is likely the source of toluene in nearby groundwater.
  - Various metals were identified in unfiltered groundwater at concentrations greater than their respective SGVs on all three parcels. Filtered metals (antimony, iron, manganese, sodium, and arsenic) were detected at concentrations greater than their respective SGVs

- Soil Vapor:
  - Sub-slab soil vapor (SSV) and co-located indoor air samples were collected on May 12, 2022 from structures on parcels 57-00 (Block 2601, Lot 6) and 57-05 (Block 2602, Lot 72). Sample locations and concentrations are included in **Figure E-3**. Laboratory results from the SSV and IA data for samples SSV03/IA03 were compared to the appropriate NYSDOH Soil Vapor/Indoor Air Matrices for vinyl chloride, the resulting recommendation is to mitigate. The SSV03/IA03 sample was collected on the 57-00 parcel (Block 2601, Lot 6).
  - Due to the vinyl chloride concentration in the SSV03 sample, the reporting limits for compounds 1,1-dichloroethene, cis1,2-dichloroethene, and trichloroethene exceeded the minimum concentrations for SSV for which mitigation is recommended regardless of indoor air concentration for their respective matrices.



NOTES:
1. BASEMAP ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, BROOKLYN, NEW YORK, QUADRANGLE.

LANGAN
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001-2727
T: 212.479.5400 F: 212.479.5444 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC

Collectively known as Langan

Project
57-00, 57-05 and 58-20 47th Street
BLOCK Nos. 2601; 2602
LOT Nos. 1 and 6; 72
QUEENS NEW YORK

Figure Title
SITE LOCATION MAP

Project No.	100965501
Date	3/21/2022
Scale	1"=2,000'
Drawn By	MG
Submission Date	
Figure No.	A-1

© 2022 Langan

Path: \\langan.com\data\PAR\data5\100965501\Project Data\ArcGIS\APRX\100965501\100965501.aprx Date: 3/21/2022 User: mgeorgalas Time: 4:15 PM

Legend

Approximate Site Boundary

NOTES:
1. WORLD AERIAL IMAGERY BASEMAP IS PROVIDED THROUGH LANGAN'S ESRI AND ARCGIS SOFTWARE LICENSING AND ARCGIS ONLINE.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

100 0 100
SCALE IN FEET

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

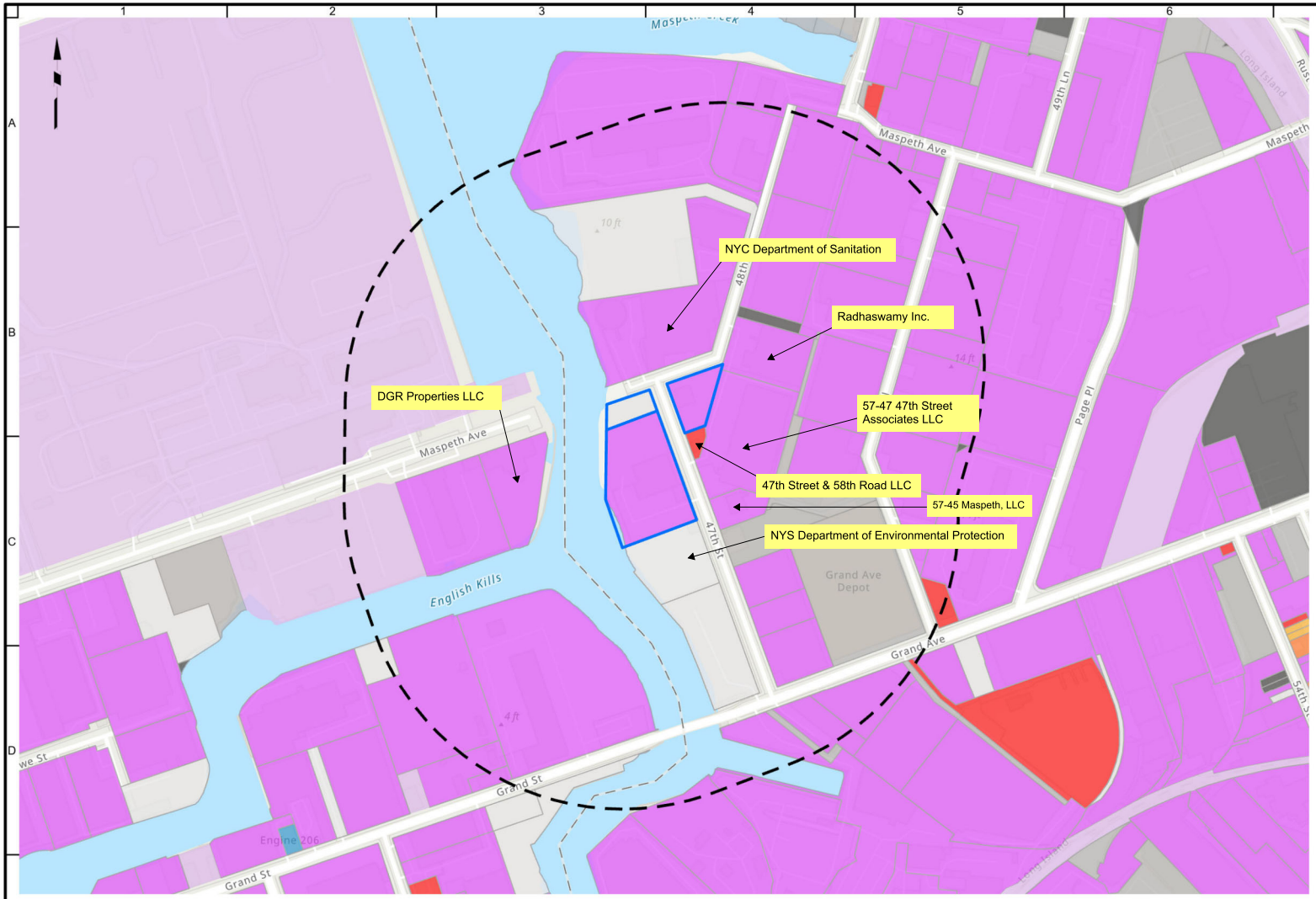
Project
57-00, 57-05 and 58-20 47th Street
BLOCK Nos. 2601; 2602
LOT Nos. 1 and 6; 72
QUEENS NEW YORK

Figure Title
SITE PLAN

Project No.	100965501
Date	3/21/2022
Scale	1"=100'
Drawn By	MG
Figure No.	A-2

© 2022 Langan

Path: \\langan.com\data\PAR\data5\100965501\Project Data\ArcGIS\APRX\100965501\100965501.aprx Date: 3/21/2022 User: mgeorgalas Time: 4:15 PM



Legend

- Approximate Site Boundary
- 1,000-Foot Buffer

Land Use

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

NOTES:
1. TAX PARCEL DATA PROVIDED BY THE NEW YORK CITY DEPARTMENT OF CITY PLANNING.
2. PROPERTY OWNERS INDICATED IN CALL OUT BOXES. INFORMATION SOURCED FROM ACRIS

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

400 0 400
SCALE IN FEET

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

Project
57-00, 57-05 and 58-20 47th Street
BLOCK Nos. 2601; 2602
LOT Nos. 1 and 6; 72
QUEENS NEW YORK

Figure Title
SURROUNDING LAND USE AND PROPERTY OWNER INFORMATION

Project No.	100965501
Date	3/21/2022
Scale	1"=400'
Drawn By	MG
Figure No.	A-3

© 2021 Langan

Path: \\langan.com\data\PAR\data5\100965501\Project Data\ArcGIS\APRX\100965501\100965501.aprx Date: 3/21/2022 User: mgeorgalas Time: 4:16 PM

NOTES:
1. TAX PARCEL DATA PROVIDED BY THE NEW YORK CITY DEPARTMENT OF CITY PLANNING.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

100 0 100
SCALE IN FEET

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

Project
57-00, 57-05 and 58-20 47th Street
BLOCK Nos. 2601; 2602
LOT Nos. 1 and 6; 72
QUEENS NEW YORK

Figure Title
TAX MAP PLAN

Project No.	100965501
Date	3/21/2022
Scale	1"=100'
Drawn By	MG
Figure No.	A-4

© 2022 Langan

Path: \\langan.com\data\PAR\data5\100965501\Project Data\ArcGIS\APRX\100965501\100965501.aprx Date: 3/21/2022 User: mgeorgalas Time: 4:15 PM

NOTES

1. THE SURVEY IS BASED UPON CERTAIN PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING INFORMATION:

A. SURVEY TIE MAP.
B. ALTA/ASCM SURVEY DTD. 11/8/2021, BY DAVID A. STEVENS, P.L.S. OF THE STREET DESIGN VERIFICATION LAND SURVEYING, P.C. (SDVLS) FOR THE BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK, BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK.
C. PLANNING AND DEVELOPMENT LAND INFORMATION MAP, BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK.
D. CERTIFICATE OF TITLE BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE NUMBER NCS-1088472-NY, DATED 11/29/2021, AND ENTITLED "TITLE REPORT".
A. DEED, RECORDED 11/29/2006, IN UNIT 6 APARTMENTS BLOCK 2601 LOT 6 - PLOTTED.
B. DEED, RECORDED 11/29/2006, IN UNIT 7 APARTMENTS BLOCK 2601 LOT 7 - PLOTTED.
C. DEED, RECORDED 11/29/2006, IN UNIT 8 APARTMENTS BLOCK 2601 LOT 8 - PLOTTED.
D. DEED, RECORDED 11/29/2006, IN UNIT 9 APARTMENTS BLOCK 2601 LOT 9 - PLOTTED.
E. DEED, RECORDED 11/29/2006, IN UNIT 10 APARTMENTS BLOCK 2601 LOT 10 - PLOTTED.
F. DEED, RECORDED 11/29/2006, IN UNIT 11 APARTMENTS BLOCK 2601 LOT 11 - PLOTTED.
G. DEED, RECORDED 12/15/2006, IN UNIT 12 APARTMENTS BLOCK 2601 LOT 12 - PLOTTED.
H. DECLARATION OF OWNERSHIP, DATED 06/07/2006, IN REEL 1684 PAGE 1156 (BLOCK 2601 LOTS 6 TO 12 - PLOTTED).
I. DEED, RECORDED 11/29/2006, IN UNIT 1 COMMERCIAL BLOCK 2601 LOT 1 - PLOTTED.
J. DECLARATION OF OWNERSHIP, DATED 06/07/2006, IN REEL 1684 PAGE 1156 (BLOCK 2601 LOTS 1 TO 5 - PLOTTED).
K. DEED, RECORDED 11/29/2006, IN UNIT 2 COMMERCIAL BLOCK 2601 LOT 2 - PLOTTED.
L. DEED, RECORDED 11/29/2006, IN UNIT 3 COMMERCIAL BLOCK 2601 LOT 3 - PLOTTED.
M. DEED, RECORDED 11/29/2006, IN UNIT 4 COMMERCIAL BLOCK 2601 LOT 4 - PLOTTED.
N. DEED, RECORDED 12/15/2006, IN UNIT 5 COMMERCIAL BLOCK 2601 LOT 5 - PLOTTED.
O. DECLARATION OF OWNERSHIP, DATED 06/07/2006, IN REEL 1684 PAGE 1156 (BLOCK 2601 LOTS 1 TO 5 - PLOTTED).
P. "AS BUILT" PLAN FOR THE BOROUGH OF QUEENS, CITY OF NEW YORK, BOROUGH RESOURCE MAP NUMBER 2601-001, PREPARED BY DAVID A. STEVENS, DATED 11/08/2021.
Q. "AS BUILT" PLAN FOR THE BOROUGH OF QUEENS, CITY OF NEW YORK, BOROUGH RESOURCE MAP NUMBER 2601-002, PREPARED BY DAVID A. STEVENS, DATED 11/08/2021.
R. MAP NO. 2601, BOROUGH 1 PAGE 1 OF THE STREET DESIGN VERIFICATION LAND SUR VEYING, P.C. (SDVLS) FOR THE BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK, BOROUGH OF QUEENS, CITY OF NEW YORK, BLOCK 2601 LOT 1, 47TH STREET, BOROUGH OF QUEENS, CITY OF NEW YORK.

2. THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS DISCLOSED BY THE DOCUMENTS REFERENCED IN THE PARAGRAPH NUMBERED 1 ABOVE, WHICH THE SURVEYOR HAS NOT EXAMINED, NOR HAS THE SURVEYOR EXAMINED ANY ABSTRACT OF TITLE, THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ATTORNEY AND SURVEYOR TITLE REPORT.

CERTIFICATE OF TITLE BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE NUMBER NCS-1088472-NY, DATED 11/29/2021.

ORIGINAL "B-4" EXCEPTIONS: SEE TITLE EXCEPTIONS LIST.

3. THE BOROUGH OF NEW YORK'S IS DETERMINED TO BE THE NEW YORK, STATE PLANE COORDINATE SYSTEM, NAD83 LONG ISLAND ZONE AS ESTABLISHED USING GPS METHODS.

4. ALTA/ASCM SURVEY ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED USING GPS METHODS.
EAST BOROUGH DATUM: (EAST DATUM CONVERSION CHART)

5. STREET WIDTHS ARE AS RE-MEASURED IN THE FIELD AND REFERENCED IN NOTE 10, BLOCK AND LOT NUMBERS ARE AS SHOWN ON THE TAX MAP.

6. PLANIMETRIC INFORMATION SHOWN HEREON WAS COMPILED FROM FIELD SURVEY EXPRESS BY LANGAN INTERNATIONAL ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING NOVEMBER OF 2021.

7. FEMA INFORMATION

FIRM:
AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAPS STATE "CITY OF NEW YORK, NEW YORK, QUEENS COUNTY, PANEL 36081C0167G, EFFECTIVE DATE 09/05/2007, ZONE X (SHADED) AND ZONE AE (EL 10 FEET)" THE SUBJECT PROPERTY IS LOCATED IN ZONE X (SHADED) AND ZONE AE (EL 10 FEET) AS DEPICTED ON THE FIRM MAP REFERENCED ABOVE. THE PROPERTY IS BLOCK 2601 LOT 1 LIES WITHIN ZONE AE (EL 10 FEET) AND ZONE X (SHADED

ATTACHMENT B
HISTORICAL REPORTS

(Previously Submitted, not included with this submission)

ATTACHMENT C
SECTION II: PROJECT DESCRIPTION

ATTACHMENT C
SECTION II: PROJECT DESCRIPTION

Item 4: Project Description

The purpose of this project is to investigate and remediate this contaminated brownfield site by implementing remedial measures that are protective of human health and the environment. The remedial program will start with the preparation of a Remedial Investigation Work Plan (RIWP) that is being submitted concurrently with this Brownfield Cleanup Program (BCP) Application. Site investigation will commence in 2022 once this application is determined to be suitable and approved. If the site is accepted into the BCP and the Brownfield Cleanup Agreement is fully executed by October 15 2022, the remedial investigation will begin on or around November 1, 2022. A remediation will promptly follow. It is anticipated that a certificate of completion will be obtained by the end of 2023 (i.e., December 31, 2023). After remediation, the two existing buildings on the site will be improved and leased and the areas outside of the buildings (with the exception of the wetland and buffer areas, to the extent improvements are restricted by the existing Order on Consent) will be improved for vehicle parking.

ATTACHMENT D
SECTION III: LAND USE FACTORS

ATTACHMENT D
SECTION III: LAND USE FACTORS

Item 1: Current Zoning

According to the New York City (NYC) Planning Commission Zoning Map 13b, the site is located in an M3-1 manufacturing zoning district. M3 districts are designated for areas with heavy industries that generate noise, traffic or pollutants. Typical uses include power plants, solid waste transfer facilities, recycling plants, and fuel supply depots.

Item 3: Current Use

The entirety of the site is currently vacant.

Item 4: Current Site Uses – Possible Contaminant Source Areas

The site is currently vacant. It became vacant in spring/summer 2021 when concrete aggregate recycling operations ceased. Past uses which likely impacted the Site include:

- **Petroleum Bulk Storage** historically occurred at the site. Circa 1914 to 1936, Valvoline Oil Company occupied the 58-20 parcel (Block 2601 Lot 1) and 57-05 parcels (Block 2602 Lot 72) with some auxiliary operations on the 57-00 parcel (Block 2601 Lot 6). Operations included the storage of oil in large capacity oil tanks and barrels. Soil staining and elevated photoionization detector (PID) readings were identified within the 58-20 parcel (Block 2601, Lot 1) in areas identified to have this former operation. Semi-volatile organic compounds (SVOCs) and total and dissolved metals were identified in groundwater and soil above their respective NYSDEC Ambient Water Quality Standards and Guidance Values (SGVs) and Commercial and Industrial Restricted Use Soil Cleanup Objectives (SCOs) within the former petroleum storage area. These SVOC and metal concentrations in soil and groundwater are greater than the intended future use criteria.
- **Historical Site Operations** included the use of the property as a fertilizer works circa 1897 to 1914. Following fertilizer works usage, the property was utilized as an oil depot for petroleum bulk storage (this use is described above). Following this use, parcels associated with the site were utilized for vehicle repair within several commercial garage bays within each building. The 57-00 and 58-20 parcels (Block 2601, Lot 6 and Block 2601, Lot 1) were concurrently utilized as a concrete aggregate recycling facility from circa 2003 until spring 2021.

  Stormwater runoff from the parking area associated with the 57-00 parcel (Block 2601, Lot 6) has been flowing into a storm water vault located on the southwestern end of the

parcel. In addition to stormwater runoff, material collected in interior trench drains and an oil/water separator have historically been tied to the structure. Two underground injection control (UIC) units are located on the 57-05 parcel (Block 2602, Lot 72). Groundwater samples were collected near the northern UIC structure, these samples contained volatile organic compound (VOCs) greater than their respective SGVs.

A utility survey was completed in March 2022 to further evaluate these UIC units. The northern UIC structure was identified to be connected to the interior trench drains. Currently, no operations are not being conducted on-site and water is not being conveyed to the UIC structure from the interior trench drains. Sludge and liquids within the UIC structures located on the 57-05 parcel (Block 2602, Lot 72) is planned for removal in July 2022. Cleaning and sealing of the on-site trench drains located at the 57-00 and 57-05 parcels (Block 2601, Lot 6 and Block 2602, Lot 72) and oil/water separator located at the 57-00 parcel (Block 2601, Lot 6) will also be completed at this time.

Soil borings installed within the 57-00 and 58-20 parcels (Block 2601, Lot 6 and Block 2601, Lot 1) contained staining, odors, and PID readings. Soil samples collected from this parcel contained SVOCs and metals at concentrations greater than Commercial and Industrial Restricted Use SCOs. Groundwater within the 57-00 and 58-20 (Block 2601, Lot 6 and Block 2601, Lot 1) portions of the property exhibited VOCs, SVOCs, and metals at concentrations greater than their respective SGVs.

Soil on the 57-05 parcel (Block 2602, Lot 72) contained SVOCs greater than Commercial and Industrial Restricted Use SCOs. Groundwater on this parcel contained VOCs, SVOCs, and metals greater than their respective NYSDEC SGVs. Soil and groundwater impacts are both greater than intended future use cleanup objectives.

Item 5: Intended Use Post-Remediation

After remediation, the two buildings on the site will be improved and leased and the areas outside of the buildings (with the exception of the wetland associated buffer area, to the extent that improvements are not permitted per the Order on Consent) will be improved for vehicle parking. The post-remediation use will comply with the current M3-1 zoning.

Item 8: Current and/or Recent Development Patterns

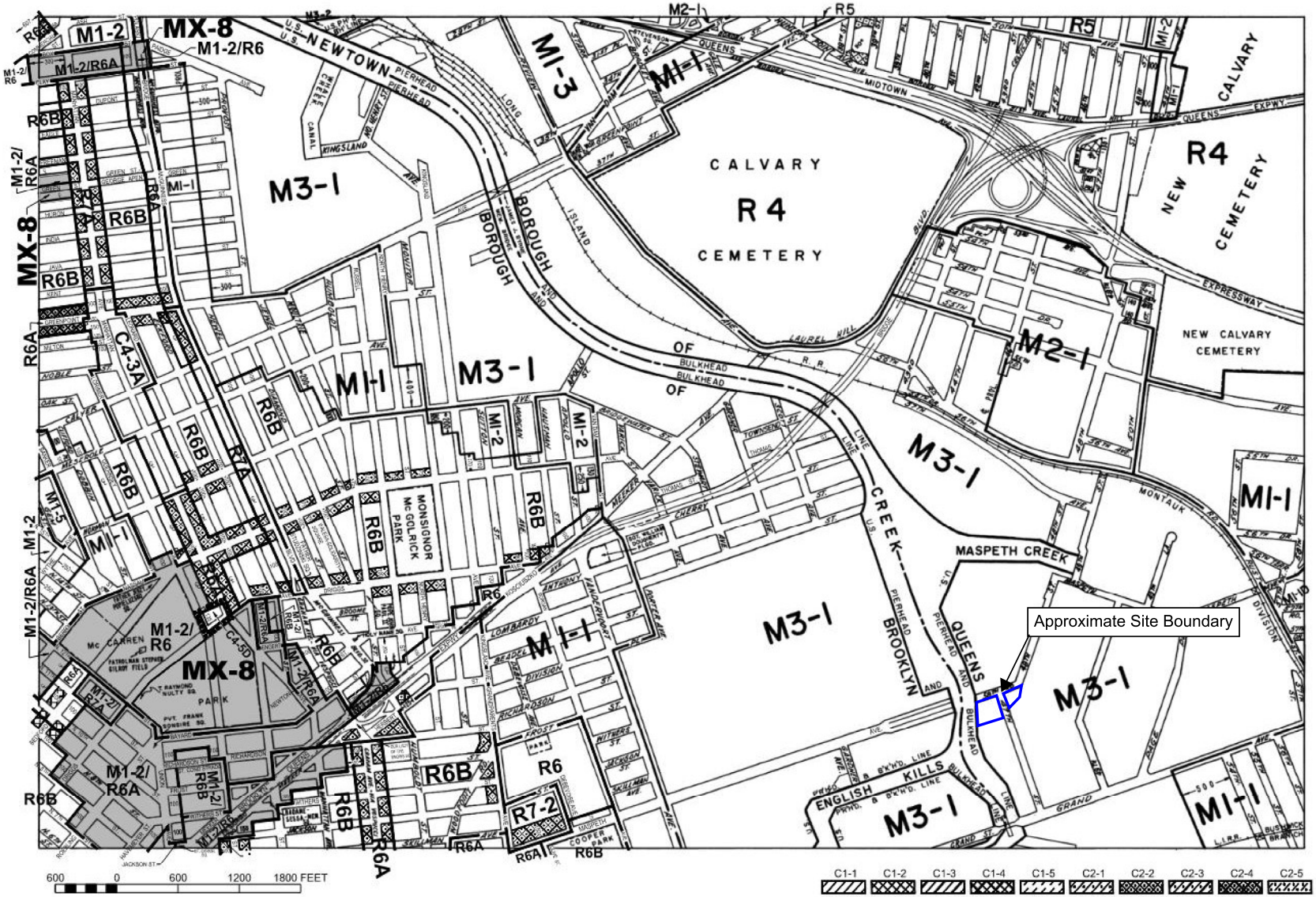
The proposed post-remediation uses include industrial uses, which are consistent with the current zoning and with industrial development patterns in the area.

Item 9: Consistency with Applicable Zoning Laws/Maps

The current site use is consistent with current zoning laws/maps. The current zoning is M3-1, which supports the proposed industrial use of the site. A figure showing the existing zoning map is included in this attachment.

Item 10: Consistency with Comprehensive Community Master Plans

The site is within the Maspeth Industrial Business Zone (IBZ) – one of 21 IBZs within NYC where expanded business services are available for industrial and manufacturing businesses. The extents of the Maspeth Industrial Business Zone are depicted in a figure included in this attachment. The planned post-remediation use of the site is consistent with the Maspeth IBZ.



C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

06-02-2022 C 210299 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

MAP KEY

8d	9b	9d
12c	**13a**	13c
12d	13b	13d

N

© Copyrighted by the City of New York

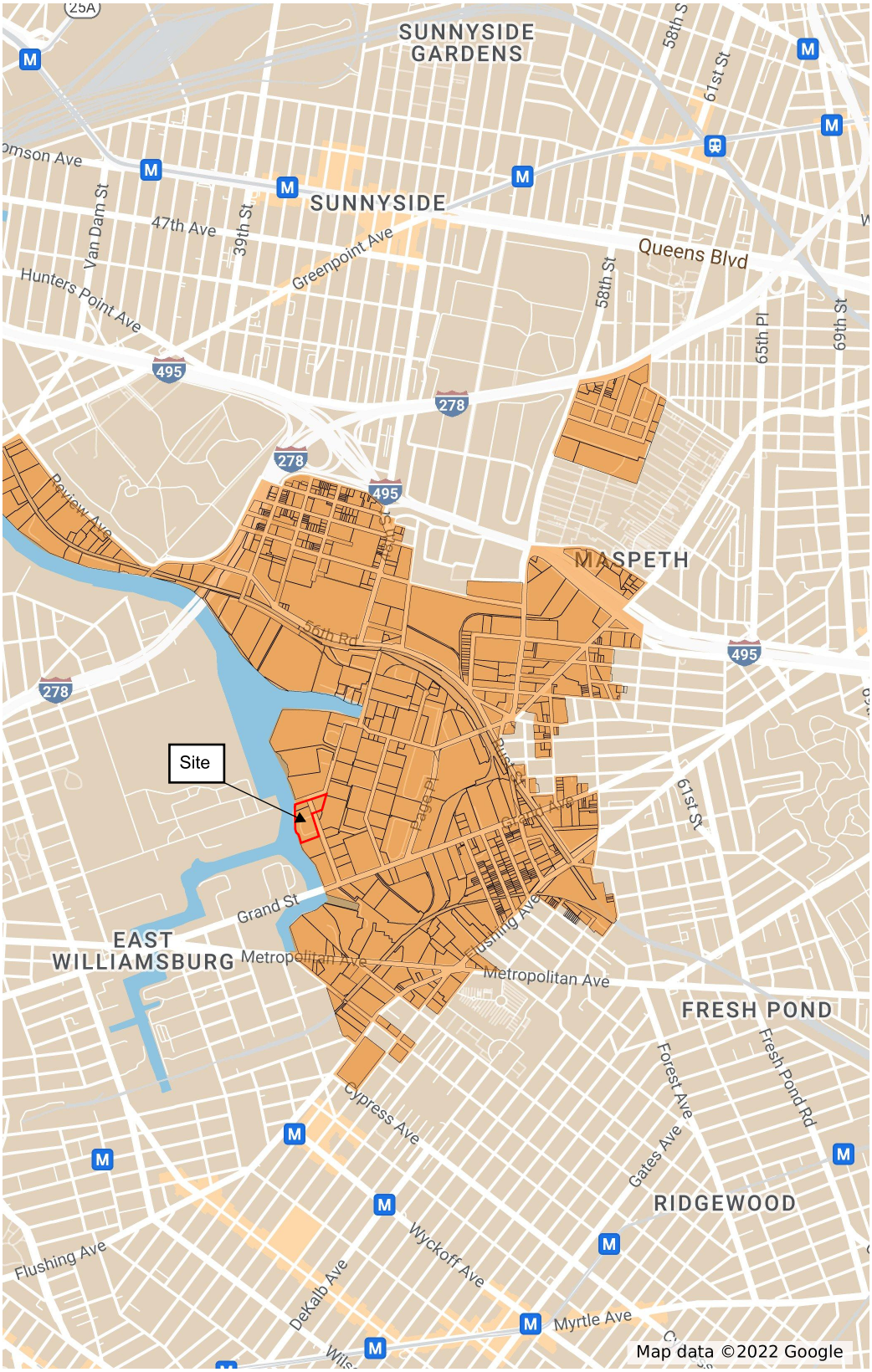
ZONING MAP **13a**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

Maspeth IBZ

Maspeth IBZ Boundary

All items



ATTACHMENT E
SECTION IV: PROPERTY'S ENVIRONMENTAL HISTORY

ATTACHMENT E
SECTION IV: PROPERTY'S ENVIRONMENTAL HISTORY

Item 1: Environmental Reports and Investigations

Environmental reports prepared for the site are summarized below and include the following:

- Tank Tightness Test Reporting, dated December 28, 2007, prepared by The Tyree Organization, Ltd. (Tyree)
- Investigation Summary Report, dated November 2010, prepared by Environmental Management Solutions, Inc. (EMSI)
- Sample Collection Summary Letter, dated August 20, 2012, prepared by Taylord Environment (Taylord)
- Diesel Fuel Spill Remediation- Spill No. 13-06438, dated December 5, 2013, prepared by Preferred Environmental Services (PES)
- Phase I Environmental Site Assessment, dated July 21, 2021, prepared by Langan
- Phase II Environmental Site Investigation, dated July 26, 2021, prepared by Langan
- Phase I Environmental Site Assessment, dated December 20, 2021, prepared by Langan
- Phase II Environmental Site Investigation, dated December 22, 2021, prepared by Langan
- Underground Storage Tank UST Removal and Underground Injection Control Unit Sampling Letter, dated June 13, 2022, prepared by Langan
- Vapor Intrusion Summary Letter, dated June 13, 2022, prepared by Langan

The previously listed environmental reports are appended to this attachment as separate pdf electronic copies.

Tank Tightness Testing Report, dated December 28, 2007, prepared by Tyree

A tank tightness test was completed on a 4,000-gallon diesel underground storage tank (UST) located on the southeastern portion of the 57-00 parcel (Block 2601 Lot 6) on December 18, 2007. The UST did not pass the tank tightness test. A spill was reported to the New York State Department of Environmental Conservation (NYSDEC) and Spill No. 07-09978 was assigned to this incident. Subsequent faxes to NYSDEC indicate that the failure was due to a cross over line that had not been removed from the tank top. The line was removed and the tank passed a subsequent tank tightness test on December 21, 2007. The spill was administratively closed according to the NYSDEC Spill Report Form on December 28, 2007.

Investigation Summary Report, dated November 2010, prepared by EMSI

This report summarizes remedial efforts associated with NYSDEC Spill No. 08-08170 on 57-00 parcel (Block 2601, Lot 6). This spill was reported by NYSDEC for petroleum releases in association with illegally storing and dispensing petroleum. This report prompted the remedial activities summarized below.

- A total of 351.04 tons of petroleum impacted soil was excavated and disposed of off-site from the western side of the building north of the former oil storage room. In addition, a concrete pad with a floor drain (without connected piping) was removed from this area.
- Seven post excavation soil samples were collected from the sidewalls and center base of the excavation. Samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs).
- Laboratory analytical results indicated polycyclic aromatic hydrocarbons (PAHs) benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, benzo(a)pyrene, and dibenzo(a,h)anthracene exceeded the 2010 NYSDEC Residential Restricted Use Soil Cleanup Objectives (SCOs).
- As per an NYSDEC letter dated April 16, 2012, a groundwater monitoring well was required to be installed within the soil excavation to evaluate groundwater quality.

According to a NYSDEC Spill Report Form, this spill was closed October 27, 2012.

Sample Collection Summary Letter, dated August 20, 2012, prepared by Taylord

A soil boring and a temporary well point were installed on the site to further evaluate the remedial excavation which occurred as described above in 2010. A soil and groundwater sample were collected from the soil boring/temporary well point location and analyzed for the CP-51 guidance listed VOCs and SVOCs.

Soil results were compared to the NYSDEC CP-51 standards. All analyzed compounds were below their respective CP-51 SCOs. This sample was also compared to the 2022 6 NYCRR Part 375 Protection of Groundwater SCOs, all analyzed compounds were below all applicable SCOs.

Diesel Fuel Spill Remediation- Spill No. 13-06438, dated December 5, 2013, prepared by PES

This report summarizes remedial actions taken to remedy NYSDEC Spill No. 13-06438. This spill was reported in association with the removal of a 4,000-gallon diesel UST from the 57-00 property. Below is a summation of pertinent parts of this report.

- One out-of-service 4,000-gallon diesel UST was removed on September 19, 2013. During the removal, staining and petroleum impacted pea gravel was identified within the underground tank vault.

- Two soil borings were collected from below the concrete base of the UST vault. Fill material was identified and sampled from within these locations.

- Laboratory analytical results from these soil borings indicated three SVOCs were greater than their respective NYSDEC CP-51 SCOs. These compounds were benzo(a)anthracene at 1,100 ppb, chrysene at 1,100 ppb, and indeo(1,2,3-c,d)pyrene at 570 ppb. These detected concentrations are less than Commercial and Restricted Industrial Use (Industrial) SCOs.

According to NYSDEC data, the 13-06438 case was closed with the NYSDEC on February 11, 2014.

Phase I Environmental Site Assessment, dated July 21, 2021, prepared by Langan

Langan completed a Phase I Environmental Site Assessment (ESA) on behalf of Bay Crane Service of New York in July 2021. The ESA identified the following two recognized environmental conditions (RECs):

- Historical Use of Subject Property: Historically, the 57-00 and 58-20 parcels (Block 2601, Lot 6 and Block 2601, Lot 1) were utilized to accept/recycle concrete from construction and demolition. In addition, historical records indicate the site was utilized for various industrial operations since circa 1902.

- Western-Adjoining Superfund Site: The adjoining Newtown Creek is listed as a USEPA Superfund Site on the National Priority List.

Phase II Environmental Site Investigation, dated July 26, 2021, prepared by Langan

Langan completed a Phase II Environmental Site Investigation (ESI) on behalf of Bay Crane Service of New York in July 2021. The ESI was completed to investigate the two RECs identified in the Phase I ESA. A geophysical was completed on all three parcels prior to ground intrusive activities. A total of eleven soil borings and four temporary well points were installed, as depicted in **Figures E-1 and E-2** located in **Attachment B**.

Three soil borings exhibited petroleum-like odor and staining (SB-01, SB-02, and SB-04). Two of these soil borings were installed on the 57-00 parcel (Block 2601, Lot 6) and one of these soil borings was on the 57-05 parcel (Block 2602 Lot 72). Soil samples were compared to the NYSDEC Part 375 Protection of Groundwater, Commercial, and Industrial SCOs. Soil analytical results indicated VOCs, SVOCs, and metals were greater than their respective Protection of

Groundwater SCOs. SVOCs and metals were greater than their respective Commercial and Industrial SCOs. Within collected groundwater samples, several metals and VOCs were identified at concentrations greater than their respective NYSDEC Title 6 Technical and Operational Guidance Series (TOGS) Class GA Groundwater Standards and Guidance Values (SGVs).

- Soil analytical results indicated the 57-00 parcel (Block 2601, Lot 6) contained benzo(a)pyrene and arsenic at concentrations greater than their respective Commercial and Industrial SCOs. Dibenzo(a,h)anthracene, mercury, and lead were identified at concentrations greater than their respective Commercial SCOs. Methyl ethyl ketone, benzo(k)fluoranthene, acetone, benzo(b)fluoranthene, and chrysene was identified at concentrations greater than their respective Protection of Groundwater SCOs.
- Soil analytical results indicated the 58-20 parcel (Block 2601, Lot 1) contained benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene at concentrations greater than their respective Commercial and Industrial SCOs. Chrysene and mercury were identified at concentrations greater than the Commercial SCO.
- Soil analytical results indicated the 57-05 parcel (Block 2602, Lot 72) contained methyl ethyl ketone at a concentrations greater than its Protection of Groundwater SCO. No compounds were detected above Commercial or Industrial SCOs.

Groundwater

- Petroleum related VOCs and SVOCs were also identified in groundwater on parcel 57-00 (Block 2601, Lot 6). Several metals (dissolved and undissolved) were also identified at concentrations greater than their respective SGVs.
- Metals which exceeded their respective groundwater SGVs on the 57-00 parcel (Block 2601, Lot 6) include antimony, arsenic, iron, lead, magnesium, manganese, and sodium in unfiltered (total) samples. Filtered (dissolved) samples contained iron, magnesium, manganese, and sodium greater than their respective SGVs.
- Groundwater analytical results indicated a sample collected on the 57-05 parcel (Block 2602, Lot 72) contained the VOC methyl tert-butyl ether (MTBE) and total dissolved metals at concentrations greater than their respective SGVs.
- Total dissolved metals which exceeded their respective SGVs on the 57-05 parcel (Block 2602, Lot 72) include iron, manganese, and sodium.

Phase I Environmental Site Assessment, dated December 20, 2021, prepared by Langan

Langan completed a Phase I ESA on behalf of Prologis, L.P. dated December 2021. The ESA identified the following four RECs:

- Historical Site Use: Commercial/industrial use of the site dates back to the 1800s. Most recently the 57-00 and 58-20 parcels (Block 2601, Lot 6 and Block 2601, Lot 1) operated as a concrete recycling facility.
- Newtown Creek Superfund: The adjoining Newtown Creek is listed as a USEPA Superfund Site on the National Priority List.
- On-site Storm Water Vault & Oil/Water Separator: A potential oil/water separator (OWS) was identified within a former vehicle maintenance garage. The OWS is connected to an on-site storm water vault.
- Methyl Tert-Butyl Ether (MTBE) in Groundwater: MTBE was identified within groundwater during July 2021 Phase II ESI activities on the 57-05 parcel (Block 2602, Lot 72).

Phase II Environmental Site Investigation, dated December 22, 2021, prepared by Langan

Langan completed a Phase II ESI on behalf of Prologis, L.P. in December 2021 to investigate the four RECs identified in the Phase I ESA. A geophysical was completed on all three parcels prior to ground intrusive activities. A total of ten soil borings and nine temporary well points were installed, as depicted in **Figures E-1 and E-2** located in **Attachment E**.

Geophysical activities identified two anomalies consistent with potential USTs on the 57-05 parcel (Block 2602, Lot 72). One of the anomalies was located north of a building addition along 47th Street and the other anomaly was identified within the northeastern end of the parcel.

Soil analytical results indicated SVOCs benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene were detected at concentrations greater than their respective Commercial and/or Industrial SCOs on the 57-00 parcel (Block 2601, Lot 6). Specifically, benzo(a)pyrene was identified greater than the Commercial and Industrial SCOs, benzo(b)fluoranthere was identified greater than the Commercial SCO, and dibenzo(a,h)anthracene was identified greater than the Commercial SCO. Select metals were also detected at concentrations greater than their respective Commercial and/or Industrial SCOs on the 57-00 parcel (Block 2601, Lot 6). Specifically, arsenic, barium, copper, cyanide, lead and mercury were identified at concentrations greater than their respective Commercial SCOs. Arsenic and mercury were identified greater than their respective Industrial SCOs.

On the 57-00 parcel (Block 2601, Lot 6), VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, ethylbenzene, n-butylbenzene, n-propylbenzene, and total xylenes were identified at concentrations greater than their respective Protection of Groundwater SCOs. The SVOC

chrysene and the metal selenium were identified in exceedance of their respective Protection of Groundwater SCOs.

Acetone and ethylbenzene were detected at concentrations greater than their respective Protection of Groundwater SCOs at the 57-05 parcel (Block 2602, Lot 72).

An ethylbenzene SGV exceedance was identified on the 57-00 parcel (Block 2601, Lot 6). Isopropylbenzene and toluene SGV exceedances were identified on the 57-05 parcel (Block 2602, Lot 72). Select SVOC SGV exceedances were identified on the 57-00 parcel (Block 2601, Lot 6).

Underground Storage Tank UST Removal and Underground Injection Control Unit Sampling Summary Letter, dated June 13, 2022, prepared by Langan

Two USTs were removed from the 57-05 parcel (Block 2602, Lot 72) on February 21, 2022. The USTs consisted of one 550-gallon waste oil tank (UST 002) and one 3,500-gallon diesel tank (UST 003). Once uncovered, it was determined that the tanks had previously been abandoned through observation of cut holes in the top of the tanks. The 3,500-gallon diesel tank contained soil and approximately 2,550-gallons of liquid (apparent rain water mixed with some product). The 550-gallon waste oil UST contained approximately 550-gallons of liquid (apparent rain water mixed with some product) and tank bottoms (sludge). Once the tanks were removed, samples were collected from the sides and center base of the excavations. Laboratory results are summarized below:

- Five soil samples were collected from within the 3,500-gallon diesel UST grave. Soil samples were analyzed for Commissioner Policy 51 (CP51) Fuel Oil and CP51 Polycyclic Aromatic Hydrocarbons (PAHs).
    - Analytical results indicated a detectable amount of xylenes within sample USTB-3. Xylene (m/p and total) concentrations were below the Commercial and Industrial SCOs but greater than CP-51 standards.
    - Three of the five samples had detectable levels of SVOCs. Sample USTB-4 contained benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene at concentrations greater than Commercial and Industrial SCOs.
    - Sample USTB-4 contained benzo(k)fluoranthene, chrysene, and phenanthrene greater than the CP-51 NYSDEC/Protection of Groundwater standards. These compounds did not exceed their respective Commercial and Industrial SCOs.

- Staining, elevated PID readings, and the laboratory analytical results identified during removal of the 3,500-gallon diesel UST are indicative of a petroleum release. NYSDEC was notified of the release and Spill No. 211-05-17 was assigned to the matter.

- Additional soils were not excavated from the UST grave; the grave was backfilled with imported clean fill material.

- Five soil samples were collected from within the 550-gallon waste oil UST grave and one sample was collected from stained soil atop the UST. Soil samples were analyzed for VOCs, SVOCs, metals, and PCBs.

  - Analytical results indicate that the post UST removal soil samples and stained soil atop the UST did not contain concentrations of VOCs, SVOCs, PCBs, or metals at concentrations greater than the CP51, Commercial SCOs, or the Industrial SCOs. All samples contained detectable concentrations of metals and SVOCs.

- During Phase II ESI activities in July and November 2021, groundwater samples were collected near the UIC structure. Laboratory results indicated methyl tert-butyl ether (MTBE) and toluene were detected at a concentrations greater than their respective SGVs. UIC contents included both liquid and solid waste. Samples were collected of both media and toluene was detected in liquid within the structure. Because toluene was detected both in the UIC contents and in groundwater near the UIC structure, it appears toluene may be emanating from contents within the UIC structure.

Vapor Intrusion Summary Letter, dated June 13, 2022, prepared by Langan

On May 12, 2022, Langan completed indoor air and sub-slab vapor (SSV) within the 57-00 building (Block 2601 Lot 6) and 57-05 building (Block 2602 Lot 72). SSV samples were co-located with indoor air samples. An ambient air sample was also collected upwind of the 57-00 building**. Figure E-3** depicts the SSV, indoor air, and ambient air sample locations, **Table 3** includes laboratory analytical information.

- SSV samples SSV01 through SSV03 and indoor air samples IA01 through IA03 were located on the 57-00 property (Block 2601, Lot 6). SSV samples SSV04 and SSV05 and indoor air samples IA04 and IA05 samples were located on the 57-05 parcel (Block 2602, Lot 72). Indoor air and sub-slab vapor (SSV) laboratory results were compared to the appropriate New York State Department of Health (NYSDOH) Soil Vapor/Indoor Air Matrices (NYSDOH Matrices) and NYSDOH Air Guideline Values (AGVs). All indoor air values were well below the AGVs. A results summary is included below.
- Laboratory results from the ambient air and indoor air samples were input into the NYSDOH Matrices. Carbon tetrachloride was identified in all indoor air and the ambient

air samples at a concentration recommending "no further action". Carbon tetrachloride appears to be a background impact and not site specific.

- 57-00 (Block 2601, Lot 6) Building:
  - Chlorinated solvent and petroleum related VOCs were identified in SSV beneath the building. Locations SSV01 and SSV02 contained VOCs at concentrations less than NYSDOH Matrices, further action is not recommended for these locations.
  - Sample results from location SSV03 was input into the NYSDOH Matrices which recommended "mitigation" for this location. Concentrations of vinyl chloride within the SSV03 sample were identified at a concentration which was identified at a concentration which recommended "mitigation" regardless of indoor air concentrations.
  - Due to the vinyl chloride concentration in the SSV03 sample, the reporting limits for compounds 1,1-dichloroethene, cis1,2-dichloroethene, and trichloroethene exceeded the minimum concentrations for SSV for which mitigation is recommended regardless of indoor air concentration for their respective matrices.
- 57-05 (Block 2602, Lot 72) Building:
  - When evaluated using the NYSDOH Matrices, each of the co-located soil vapor and indoor air samples yielded a recommendation for "no further action". The only VOC included in the NYSDOH Soil Vapor/Indoor Air Matrices detected in indoor air was carbon tetrachloride. As discussed above, carbon tetra chloride is considered a background contaminant and not related to VI within the building.

Item 2 - Sampling Data

Sample analytical results from the July 2021 Langan Phase II ESI and December 2021 Langan Phase II ESI are presented in **Figures E-1** and **E-2**. Sub-slab sample results are included in **Figure E-3**. Sample results are compared to the following criteria:

- Soil sample results are compared to 6 NYCRR Part 375 Restricted Use Commercial and Industrial SCOs and Protection of Groundwater SCOs.
- Groundwater sample results are compared to NYSDEC TOGS SGVs.
- Sub-slab vapor and indoor air results were evaluated using the NYSDOH Soil Vapor/Indoor Air Matrices A, B, and C. Indoor air results were compared to the NYSDOH Air Guideline Values (AGVs).

Tables summarizing the detected concentrations of each contaminant by media type from the 2021 Phase II ESIs are included as **Tables 1A, 1B**, **2A** and **2B** in this attachment. Soil vapor sample data is included as **Tables 3A** and **3B.**

Soil

Analytes detected at concentrations above Protection of Groundwater SCOs, Commercial Use SCOs, and Industrial Use SCOs are presented below. Exceedances of Protection of Groundwater SCOs are in normal font, exceedances of Commercial Use SCOs are in italic font, and exceedances of Industrial Use SCOs in bold.

VOCs

- Acetone: SB08, SB11, LB-2, LB-3, LB-4, LB-9B-2N, LB-10; maximum concentration of 33 mg/kg in LB-10.
- 1,2,4-Trimethylbenzene at a concentration of 33 mg/kg in LB-10
- 1,3,5-Trimethylbenzene at a concentration of 21 mg/kg in LB-10
- Ethylbenzene: LB-9B-2N and LB-10; maximum concentration of 35 mg/kg in LB-10
- Methyl ethyl ketone: SB04 and SB11; maximum concentration 0.78 mg/kg in SB11
- N-butylbenzene at a concentration of 13 mg/kg in LB-10
- N-propylbenzene at a concentration of 11 mg/kg in LB-10
- Total xylenes at a concentration of 87 mg/kg in LB-10

SVOCs

- Benzo(a)anthracene: SB03, **SB07**, SB11, LB-1, LB-2, and LB-3; maximum concentration of 64.8 mg/kg in SB07
- Benzo(a)pyrene: *SB03*, **SB07**, and **SB11**; maximum of 47.1 mg/kg in SB07
- Benzo(b)fluoranthene: **SB07**, SB11, LB-2, LB-3, and **USTB-4**; maximum of 39.2 mg/kg in SB07
- Chrysene: SB11, LB-1, LB-2, LB-3, LB-10, and *SB07* at a concentration of 65.2 mg/kg
- Dibenzo(a,h)anthracene: **SB07***, SB11, LB-1, LB-3,* LB-10, and *USTB-4*; maximum of 9.53 mg/kg
- Ideno(1,2,3-cd)pyrene: **SB07** and **USTB-4**; maximum concentration of 26.7 mg/kg.

Metals

- Arsenic: **SB10**, **LB-3**, and **LB-10**; maximum concentration of 1,900 mg/kg in LB-10
- Barium: *LB-2* at a concentration of 1,400 mg/kg
- Copper: *LB-2* at a concentration of 580 mg/kg
- Cyanide: *LB-10* at a concentration of 140 mg/kg

- Lead: **SB10**, **LB-2**, LB-3, and **LB-10**; maximum concentration of 1,800 mg/kg in SB10
- Mercury: SB07, SB10, SB11, LB-1, LB-2, LB-3, and **LB-10**; maximum concentration of 6.5 mg/kg in LB-10
- Selenium: LB-2, LB-3, and LB-10; maximum concentration of 67 mg/kg in LB-10

Groundwater

Analytes detected above the NYSDEC SGVs are presented below.

VOCs

- 1,2-Dichloropropane: MW02 at a concentration of 7 ug/L
- Ethylbenzene: TW-1 at a concentration of 8.6 ug/L
- Isopropylbenzene: MW02 and TW-8 at a maximum of 24 ug/L in TW-8
- Toluene: TW-8 and UIC at a maximum of 60 ug/L in TW-8
- N-propylbenzene: MW02 at a concentration of 6 ug/L
- Methyl-tert butyl ether: MW04 at a concentration of 73 ug/L

SVOCs

- Acenaphthalene: TW-1 at a concentration of 53 ug/L
- Anthracene: TW-1 at a concentration of 73 ug/L
- Benzo(a) anthracene: MW03, TW-1, and TW-2; maximum of 63 ug/L in TW-1
- Benzo(a)pyrene: MW03, TW-1, and TW-2; maximum of 43 ug/L in TW-1
- Benzo(b)fluoranthene: MW03, TW-1, TW-2, and UIC; maximum of 44 ug/L in TW-1
- Benzo(k)fluoranthene: MW03, TW-1, and TW-2; maximum of 10 ug/L in TW-1
- Chrysene: MW03, TW-1,TW-2, and UIC; maximum concentration of 60 ug/L in TW-1
- Fluoranthene: TW-1 at a concentration of 110 ug/L
- Fluorene: TW-1 at a concentration of 55 ug/L
- Ideno(1,2,3-cd)pyrene: MW03, TW-1,TW-2, and UIC; maximum concentration of 15 ug/L in TW-1
- Naphthalene: TW-1 at a concentration of 17 ug/L
- Phenanthrene: TW-1 at a concentration of 220 ug/L
- Pyrene: TW-1 at a concentration of 170 ug/L

Metals (Unfiltered)

- Antimony: MW03, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 22 ug/L in TW-3 (unfiltered)
- Arsenic: MW03, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 340 ug/L in TW-3 (unfiltered)
- Barium: TW-3 at a concentration of 2,300 ug/L (unfiltered)
- Beryllium: TW-2 and TW-6; maximum concentration of 5.1 ug/L in TW-6 (unfiltered)
- Cadmium: TW-2 at a concentration of 10 ug/L
- Total chromium: TW-1, TW-2, TW-3, TW-4, TW-6; maximum concentration of 320 ug/L in TW-6 (unfiltered)
- Copper: TW-1, TW-2, TW-3, TW-4; maximum concentration of 1,300 ug/L in TW-3 (unfiltered)
- Iron: MW01, MW02, MW03, MW04, TW-1, TW-2, TW-3, TW-4, TW-6; maximum concentration of 210,000 ug/L in TW-6 (unfiltered)
- Lead: TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 6,600 ug/L in TW-3 (unfiltered)
- Magnesium: MW01, TW-2, TW-3, and TW-4; maximum concentration of 63,000 ug/L in TW-2 (unfiltered)
- Manganese: MW01, MW02, MW04, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 4,300 ug/L in TW-6 (unfiltered)
- Mercury: TW-1, TW-2, TW-3, and TW-4; maximum concentration of 320 ug/L in TW-2 (unfiltered)
- Nickel: TW-2, and TW-6; maximum concentration of 150 ug/L in TW-2 (unfiltered)
- Selenium: TW-2, TW-3, and TW-6; maximum concentration of 28 ug/L in TW-3 (unfiltered)
- Sodium: MW01, MW02, MW03, MW04, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 320,000 ug/L in TW-4 (unfiltered)
- Zinc: TW-2 (unfiltered) at a concentration of 4,900 ug/L

Metals (Filtered)

- Antimony: MW03, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 8.3 ug/L in TW-6
- Arsenic: TW-3 at a concentration of 45 ug/L

- Iron: MW01, MW02, MW03, MW04, and TW-2; maximum concentration of 11,100 ug/L in MW01
- Magnesium: MW01 at a concentration of 38,800 ug/L
- Manganese: MW01, MW02, MW04, and TW-2; maximum concentration of 3,090 ug/L in MW02
- Sodium: MW01, MW02, MW03, MW04, TW-1, TW-2, TW-3, TW-4, and TW-6; maximum concentration of 310,000 ug/L in TW-4

Indoor Air/Soil Vapor

Co-located SSV and IA samples were evaluated using applicable NYSDOH Matrices A, B, and C. In addition, indoor air data was compared to NYSDOH AGVs. The results of these analysis are below.

VOCs

- All indoor air sample VOCs were below their respective AGVs.
- Trichloroethene: SSV02 and SSV03; maximum concentration of 83.8 ug/m^3 in SSV03.
    - The resulting NYSDOH Matrix recommendation for SSV03 is "mitigate".
- Cis 1,2-dichloroethene: SSV03 at a concentration of 83.8 ug/m^3.
    - The resulting NYSDOH Matrix recommendation for SSV03 is "mitigate".
- 1,1-dichloroethene: SSV03 at a concentration of 61.9 ug/m^3.
    - The resulting NYSDOH Matrix recommendation for SSV03 is "mitigate".
- Carbon tetrachloride: AA01, IA01, IA02, IA03, IA04, and IA05; maximum concentration of 0.61 ug/m^3.
    - The resulting NYSDOH Matrix recommendation for these samples is "no further action".
- Tetrachloroethene: SSV02 and SSV03; maximum concentration of 485 ug/m^3 in SSV02.
    - The resulting NYSDOH Matrix recommendation for these samples is "no further action".
- Methylene chloride: SSV03 at a concentration of 135 ug/m^3.
    - The resulting NYSDOH Matrix recommendation for SSV03 is "mitigate".
- Vinyl chloride: SSV03 at a concentration of 501 ug/m^3.
    - The resulting NYSDOH Matrix recommendation for SSV03 is "mitigate".

The detection of compounds in soil above applicable future use SCOs, in groundwater above SGVs, and in soil vapor and co-located indoor air at concentrations that yield a recommendation of "mitigate" when evaluated using NYSDOH matrices present a risk to human health and the environment and require remediation.

Item 3 – Attachments

- Figure E-1 – Historical Soil Sample Locations and Results
- Figure E-2 – Historical Groundwater Sample Locations and Results
- Figure E-3 – Historical Indoor Air, Sub-Slab Soil Vapor, and Ambient Air Sample Locations and Results
- Table 1 – Soil Sample Analytical Results Summary
- Table 2 – Groundwater Sample Analytical Results Summary
- Table 3 – Indoor Air, Sub-Slab Soil Vapor, and Ambient Air Results Summary

Item 4 – Past and Current Land Uses

57-00 (Block 2601 Lot 6) & 58-20 (Block 2601 Lot 1)

- NYC Concrete Materials AKA Pebble Lane Associates, LLC (2003-Spring 2021)
- Queen's Truck Auto Center [repair shop] and Sky [concrete] Materials (2013-2017), Rizzo Environmental Services office (2013-2015)
- Alfredo Lamanna Trucking Inc., Brookville Enterprises, Inc., Island Transport [parking], Almar [construction] Supplies, Inc. (2000-2005)
- United Leasing Corp. (1991)
- Fruehauf Trailer Corporation (1976)

57-05 (Block 2602 Lot 72)

- Marshark Craft NYC [mobile catering] (2020-May 2021)
- Almar [construction] Supplies, Inc. (2011-2017)
- Sagana Industries (2005)
- Office Depot Stlt (2000)
- Arflo Trucking Inc. and Queens Motor Transportation (1983)
- Tayaton HW Co. Inc. (1967-1970)

Location	LB-4
Sample Name	LB-4 (1.5-2.0)
Sample Date	11/11/2021
Sample Depth	1.5-2
VOCs (mg/kg)	
Acetone	0.06
SVOCs	NE
Metals	NE

Location	SB07
Sample Name	SB07 8-9
Sample Date	07/07/2021
Sample Depth	8-9
VOCs	NE
SVOCs (mg/kg)	
Benzo(a)anthracene	64.8 D
Benzo(a)pyrene	47.1 D
Benzo(b)fluoranthene	39.2 D
Benzo(k)fluoranthene	35.8 D
Chrysene	65.2 D
Dibenz(a,h)anthracene	9.53 D
Indeno(1,2,3-cd)pyrene	26.7 D
Metals (mg/kg)	
Mercury	5.33

Location	LB-8
Sample Name	LB-8 (7.5-8.0)
Sample Date	11/12/2021
Sample Depth	7.5-8
VOCs	NE

Location	UIC
Sample Name	UIC_SL
Sample Date	02/22/2022
Sample Type	Sludge
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	0.00086 J
2-Hexanone (MBK)	0.11 J
Acetone	0.3 J
Cymene	0.01 J
Methyl Ethyl Ketone (2-Butanone)	0.03 J
Toluene	0.26 J
SVOCs (mg/kg)	
Bis(2-ethylhexyl) phthalate	15 J
Dibutyl phthalate	1.5 J

Location	SB04
Sample Name	SB04_8-9
Sample Date	07/08/2021
Sample Depth	8-9
VOCs (mg/kg)	
Methyl Ethyl Ketone (2-Butanone)	0.2 JD
SVOCs	NE
Metals	NE

Location	LB-9B-2N
Sample Name	LB-9B-2N (10.0-10.5)
Sample Date	11/12/2021
Sample Depth	10-10.5
VOCs (mg/kg)	
Acetone	17 D
Ethylbenzene	2.5 D
SVOCs	NE
Metals	NE

Location	SB05
Sample Name	SB05_1-2
Sample Date	07/08/2021
Sample Depth	1-2
VOCs	NE
SVOCs	NE
Metals	NE

Location	SB03
Sample Name	SB03_2-3
Sample Date	07/07/2021
Sample Depth	2-3
VOCs	NE
SVOCs (mg/kg)	
Benzo(a)anthracene	1.03 D
Benzo(a)pyrene	1.08 D
Metals	NE

Location	LB-7B-3W
Sample Name	LB-7B-3W (8.5-9.0)
Sample Date	11/12/2021
Sample Depth	8.5-9
VOCs	NE

Location	LB-3
Sample Name	LB-3 (6.0-6.5)
Sample Date	11/11/2021
Sample Depth	6-6.5
VOCs (mg/kg)	
Acetone	0.16
SVOCs (mg/kg)	
Benzo(a)anthracene	4.2 D
Benzo(a)pyrene	3.6 D
Benzo(b)fluoranthene	4.8 D
Chrysene	4.4 D
Dibenz(a,h)anthracene	0.67 D
Metals (mg/kg)	
Arsenic	83
Lead	770
Mercury	1.4
Selenium	7.2

Location	LB-10
Sample Name	LB-10 (6.5-70)
Sample Date	11/12/2021
Sample Depth	6.5-7
VOCs (mg/kg)	
1,2,4-Trimethylbenzene	33 D
1,3,5-Trimethylbenzene (Mesitylene)	21 D
Acetone	35 D
Ethylbenzene	14 D
n-Butylbenzene	13 D
n-Propylbenzene	11 D
Total Xylenes	87 D
SVOCs (mg/kg)	
2-Methylphenol (o-Cresol)	51 D
4-Methylphenol (P-Cresol)	180 D
Chrysene	15 D
Naphthalene	140 D
Metals (mg/kg)	
Arsenic	1,900 D
Cyanide	140 D
Lead	1,800 D
Mercury	6.5 D
Selenium	67

Location	SB11
Sample Name	SB11_13-14
Sample Date	07/07/2021
Sample Depth	13-14
VOCs (mg/kg)	
Acetone	1.2 JD
Methyl Ethyl Ketone (2-Butanone)	0.78 JD
SVOCs (mg/kg)	
Benzo(a)anthracene	5.55 D
Benzo(a)pyrene	3.84 D
Benzo(b)fluoranthene	3.1 D
Benzo(k)fluoranthene	2.69 D
Chrysene	4.17 D
Dibenz(a,h)anthracene	0.748 D
Metals (mg/kg)	
Mercury	4.22

Location	SB08
Sample Name	SB08_1-2
Sample Date	07/08/2021
Sample Depth	1-2
VOCs (mg/kg)	
Acetone	0.22 E
SVOCs	NE
Metals	NE

Location	LB-2
Sample Name	LB-2 (10.5-11.0)
Sample Date	11/11/2021
Sample Depth	10.5-11
VOCs (mg/kg)	
Acetone	0.35
SVOCs (mg/kg)	
Benzo(a)anthracene	1.4
Benzo(a)pyrene	1.3
Benzo(b)fluoranthene	1.8
Chrysene	1.2
Metals (mg/kg)	
Barium	1,400
Copper	580
Lead	1,800 D
Mercury	3.6
Selenium	6.1

Location	SB10
Sample Name	SB10_3-4
Sample Date	07/07/2021
Sample Depth	3-4
VOCs	NE
SVOCs	NE
Metals (mg/kg)	
Arsenic	27.6
Lead	1,840
Mercury	2.97

Location	SB02
Sample Name	SB02_17-18
Sample Date	07/08/2021
Sample Depth	17-18
VOCs	NE
SVOCs	NE
Metals	NE

Location	LB-6
Sample Name	LB-6 (16.5-170)
Sample Date	11/12/2021
Sample Depth	16.5-17
VOCs	NE
SVOCs	NE
Metals	NE

Location	SB01
Sample Name	SB01_10-11
Sample Date	07/07/2021
Sample Depth	10-11
VOCs	NE
SVOCs	NE
Metals	NE

Location	LB-1
Sample Name	LB-1 (75-8.0)
Sample Date	11/11/2021
Sample Depth	7.5-8
VOCs	NE
SVOCs (mg/kg)	
Benzo(a)anthracene	4.8 D
Benzo(a)pyrene	4.8 D
Benzo(b)fluoranthene	5.7 D
Chrysene	4.3 D
Dibenz(a,h)anthracene	0.92 D
Metals (mg/kg)	
Mercury	0.98

Location	SB09
Sample Name	SB09_13-14
Sample Date	07/07/2021
Sample Depth	13-14
VOCs	NE
SVOCs	NE
Metals	NE

Exceedance Summary:

- **10** - Result exceeds Protection of Groundwater SCOs
- 10 - Result exceeds Restricted Use Commercial SCOs
- 10 - Result exceeds Restricted Use Industrial SCOs

Analyte	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
VOCs (mg/kg)			
1,2,4-Trimethylbenzene	3.6	190	380
1,3,5-Trimethylbenzene (Mesitylene)	8.4	190	380
Acetone	0.05	500	1000
Ethylbenzene	1	390	780
n-Butylbenzene	12	500	1000
n-Propylbenzene	3.9	500	1000
Total Xylenes	1.6	500	1000
SVOCs (mg/kg)			
2-Methylphenol (o-Cresol)	0.33	500	1000
4-Methylphenol (P-Cresol)	0.33	500	1000
Benzo(a)anthracene	1	5.6	11
Benzo(a)pyrene	22	1	1.1
Benzo(b)fluoranthene	1.7	5.6	11
Chrysene	1	56	110
Dibenz(a,h)anthracene	1000	0.56	1.1
Naphthalene	12	500	1000
Metals (mg/kg)			
Arsenic	16	16	16
Barium	820	400	10000
Copper	1720	270	10000
Cyanide	40	27	10000
Lead	450	1000	3900
Mercury	0.73	2.8	5.7
Selenium	4	1500	6800

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.
3. SAMPLE LOCATIONS ARE APPROXIMATE.
4. 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 PROTECTION OF GROUNDWATER SCOs, RESTRICTED COMMERCIAL USE SCOs, AND RESTRICTED INDUSTRIAL USE SCOs.
5. ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE PROTECTION OF GROUNDWATER SCOs ARE SHOWN.
6. VOC = VOLATILE ORGANIC COMPOUND
7. SVOC = SEMIVOLATILE ORGANIC COMPOUND
8. PCB = POLYCHLORINATED BIPHENYL
9. mg/kg = MILLIGRAM PER KILOGRAM
10. ND = NOT DETECTED
11. NE = NOT EXCEEDED
12. D = THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE
13. SCOs = SOIL CLEANUP OBJECTIVES

LANGAN
300 Kimball Drive, Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
NEW JERSEY NEW YORK VIRGINIA CALIFORNIA
PENNSYLVANIA CONNECTICUT FLORIDA
ABU DHABI ATHENS DOHA
DUBAI ISTANBUL
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

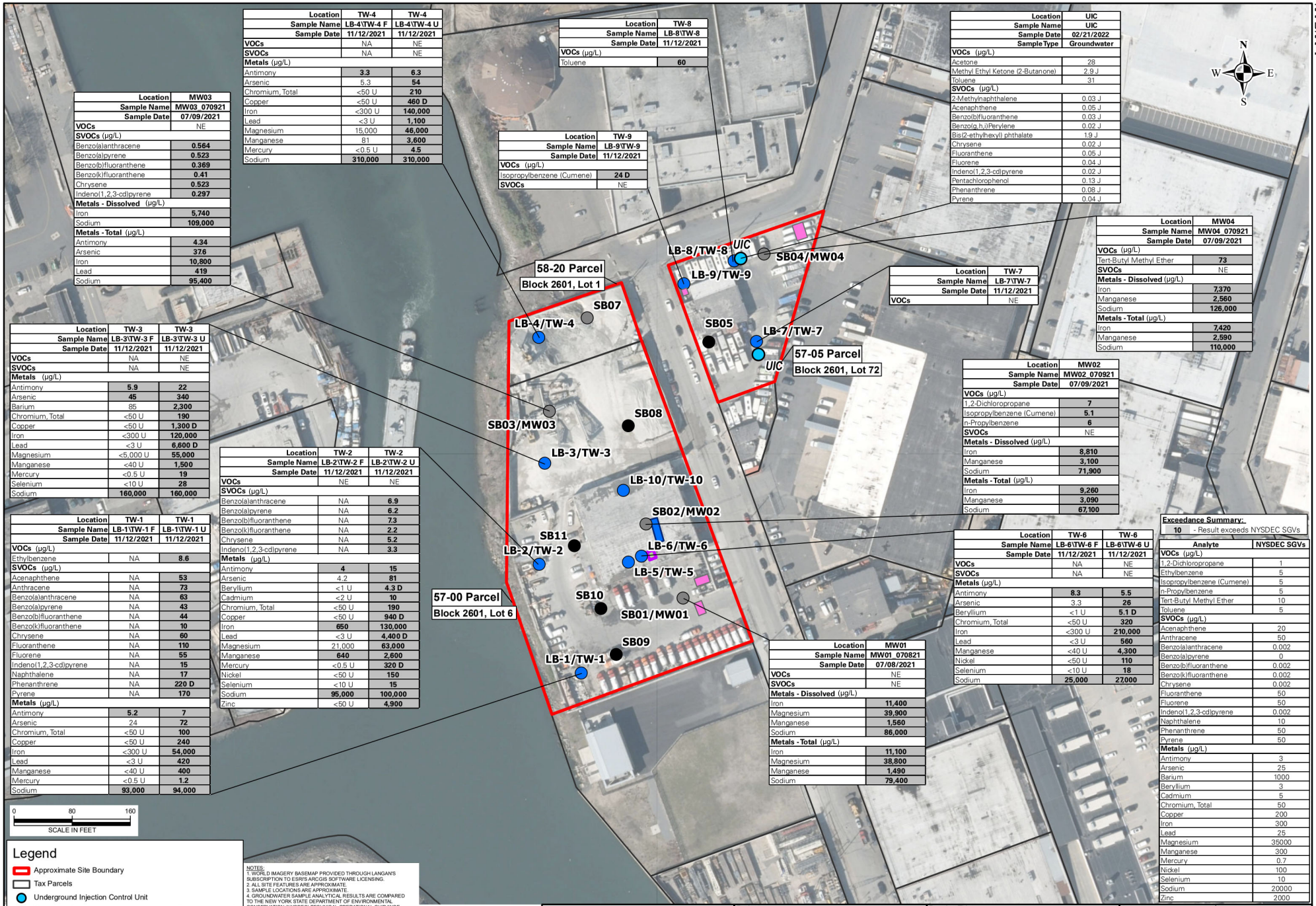
Project
57-00, 57-05, &
58-20 47th STREET
BLOCK Nos. 2601; 2602
LOT Nos. 1 & 6; 72
QUEENS NEW YORK

Drawing Title
HISTORICAL SOIL SAMPLE LOCATIONS AND RESULTS

Project No. 100965501
Date 10/6/2022
Scale 1" = 80'
Drawn By ATR
Figure E-1

© 2013 Langan

Path: C:\Users\Aruane\Documents\Project Work\WorkFromHome-Covid\100965501\APRX\170686701\170686701.aprx Date: 10/6/2022 User: aruane Time: 2:16 PM



Location	TW-4	TW-4
Sample Name	LB-4\TW-4 F	LB-4\TW-4 U
Sample Date	11/12/2021	11/12/2021
VOCs	NA	NE
SVOCs	NA	NE
Metals (µg/L)		
Antimony	**3.3**	**6.3**
Arsenic	5.3	**54**
Chromium, Total	<50 U	**210**
Copper	<50 U	**460 D**
Iron	<300 U	**140,000**
Lead	<3 U	**1,100**
Magnesium	15,000	**46,000**
Manganese	81	**3,600**
Mercury	<0.5 U	**4.5**
Sodium	**310,000**	**310,000**

Location	TW-8
Sample Name	LB-8\TW-8
Sample Date	11/12/2021
VOCs (µg/L)	
Toluene	**60**

Location	UIC
Sample Name	UIC
Sample Date	02/21/2022
Sample Type	Groundwater
VOCs (µg/L)	
Acetone	28
Methyl Ethyl Ketone (2-Butanone)	2.9 J
Toluene	31
SVOCs (µg/L)	
2-Methylnaphthalene	0.03 J
Acenaphthene	0.05 J
Benzo(b)fluoranthene	0.03 J
Benzo(g,h,i)Perylene	0.02 J
Bis(2-ethylhexyl) phthalate	1.9 J
Chrysene	0.02 J
Fluoranthene	0.05 J
Fluorene	0.04 J
Indeno(1,2,3-cd)pyrene	0.02 J
Pentachlorophenol	0.13 J
Phenanthrene	0.08 J
Pyrene	0.04 J

Location	MW03
Sample Name	MW03_070921
Sample Date	07/09/2021
VOCs	NE
SVOCs (µg/L)	
Benzo(a)anthracene	**0.564**
Benzo(a)pyrene	**0.523**
Benzo(b)fluoranthene	**0.369**
Benzo(k)fluoranthene	**0.41**
Chrysene	**0.523**
Indeno(1,2,3-cd)pyrene	**0.297**
Metals - Dissolved (µg/L)	
Iron	**5,740**
Sodium	**109,000**
Metals - Total (µg/L)	
Antimony	**4.34**
Arsenic	**376**
Iron	**10,800**
Lead	**419**
Sodium	**95,400**

Location	TW-9
Sample Name	LB-9\TW-9
Sample Date	11/12/2021
VOCs (µg/L)	
Isopropylbenzene (Cumene)	**24 D**
SVOCs	NE

Location	MW04
Sample Name	MW04_070921
Sample Date	07/09/2021
VOCs (µg/L)	
Tert-Butyl Methyl Ether	**73**
SVOCs	NE
Metals - Dissolved (µg/L)	
Iron	**7,370**
Manganese	**2,560**
Sodium	**126,000**
Metals - Total (µg/L)	
Iron	**7,420**
Manganese	**2,590**
Sodium	**110,000**

Location	TW-7
Sample Name	LB-7\TW-7
Sample Date	11/12/2021
VOCs	NE

Location	TW-3	TW-3
Sample Name	LB-3\TW-3 F	LB-3\TW-3 U
Sample Date	11/12/2021	11/12/2021
VOCs	NA	NE
SVOCs	NA	NE
Metals (µg/L)		
Antimony	**5.9**	**22**
Arsenic	**45**	**340**
Barium	85	**2,300**
Chromium, Total	<50 U	**190**
Copper	<50 U	**1,300 D**
Iron	<300 U	**120,000**
Lead	<3 U	**6,600 D**
Magnesium	<5,000 U	**55,000**
Manganese	<40 U	**1,500**
Mercury	<0.5 U	**19**
Selenium	<10 U	**28**
Sodium	**160,000**	**160,000**

Location	MW02
Sample Name	MW02_070921
Sample Date	07/09/2021
VOCs (µg/L)	
1,2-Dichloropropane	**7**
Isopropylbenzene (Cumene)	**5.1**
n-Propylbenzene	**6**
SVOCs	NE
Metals - Dissolved (µg/L)	
Iron	**8,810**
Manganese	**3,100**
Sodium	**71,900**
Metals - Total (µg/L)	
Iron	**9,260**
Manganese	**3,090**
Sodium	**67,100**

Location	TW-2	TW-2
Sample Name	LB-2\TW-2 F	LB-2\TW-2 U
Sample Date	11/12/2021	11/12/2021
VOCs	NE	NE
SVOCs (µg/L)		
Benzo(a)anthracene	NA	**6.9**
Benzo(a)pyrene	NA	**6.2**
Benzo(b)fluoranthene	NA	**7.3**
Benzo(k)fluoranthene	NA	**2.2**
Chrysene	NA	**5.2**
Indeno(1,2,3-cd)pyrene	NA	**3.3**
Metals (µg/L)		
Antimony	**4**	**15**
Arsenic	4.2	**81**
Beryllium	<1 U	**4.3 D**
Cadmium	<2 U	**10**
Chromium, Total	<50 U	**190**
Copper	<50 U	**940 D**
Iron	**650**	**130,000**
Lead	<3 U	**4,400 D**
Magnesium	21,000	**63,000**
Manganese	**640**	**2,600**
Mercury	<0.5 U	**320 D**
Nickel	<50 U	**150**
Selenium	<10 U	**15**
Sodium	**95,000**	**100,000**
Zinc	<50 U	**4,900**

Location	TW-1	TW-1
Sample Name	LB-1\TW-1 F	LB-1\TW-1 U
Sample Date	11/12/2021	11/12/2021
VOCs (µg/L)		
Ethylbenzene	NA	**8.6**
SVOCs (µg/L)		
Acenaphthene	NA	**53**
Anthracene	NA	**73**
Benzo(a)anthracene	NA	**63**
Benzo(a)pyrene	NA	**43**
Benzo(b)fluoranthene	NA	**44**
Benzo(k)fluoranthene	NA	**10**
Chrysene	NA	**60**
Fluoranthene	NA	**110**
Fluorene	NA	**55**
Indeno(1,2,3-cd)pyrene	NA	**15**
Naphthalene	NA	**17**
Phenanthrene	NA	**220 D**
Pyrene	NA	**170**
Metals (µg/L)		
Antimony	**5.2**	**7**
Arsenic	24	**72**
Chromium, Total	<50 U	**100**
Copper	<50 U	**240**
Iron	<300 U	**54,000**
Lead	<3 U	**420**
Manganese	<40 U	**400**
Mercury	<0.5 U	**1.2**
Sodium	**93,000**	**94,000**

Location	TW-6	TW-6
Sample Name	LB-6\TW-6 F	LB-6\TW-6 U
Sample Date	11/12/2021	11/12/2021
VOCs	NA	NE
SVOCs	NA	NE
Metals (µg/L)		
Antimony	**8.3**	**5.5**
Arsenic	3.3	**26**
Beryllium	<1 U	**5.1 D**
Chromium, Total	<50 U	**320**
Iron	<300 U	**210,000**
Lead	<3 U	**560**
Manganese	<40 U	**4,300**
Nickel	<50 U	**110**
Selenium	<10 U	**18**
Sodium	**25,000**	**27,000**

Location	MW01
Sample Name	MW01_070821
Sample Date	07/08/2021
VOCs	NE
SVOCs	NE
Metals - Dissolved (µg/L)	
Iron	**11,400**
Magnesium	**39,900**
Manganese	**1,560**
Sodium	**86,000**
Metals - Total (µg/L)	
Iron	**11,100**
Magnesium	**38,800**
Manganese	**1,490**
Sodium	**79,400**

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Analyte	NYSDEC SGVs
VOCs (µg/L)	
1,2-Dichloropropane	1
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
n-Propylbenzene	5
Tert-Butyl Methyl Ether	10
Toluene	5
SVOCs (µg/L)	
Acenaphthene	20
Anthracene	50
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluoranthene	50
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Pyrene	50
Metals (µg/L)	
Antimony	3
Arsenic	25
Barium	1000
Beryllium	3
Cadmium	5
Chromium, Total	50
Copper	200
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Nickel	100
Selenium	10
Sodium	20000
Zinc	2000

Legend

- Approximate Site Boundary
- Tax Parcels
- Underground Injection Control Unit
- Soil Boring / Temporary Well Point Location (November 2021)
- Soil Boring Location (July 2021)
- Soil Boring/ Temporary Monitoring Well Location (July 2021)
- Pits and Sumps
- Oil Water Separator
- Former Underground Storage Tank

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.
3. SAMPLE LOCATIONS ARE APPROXIMATE.
4. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGV) FOR DRINKING WATER (CLASS GA).
5. ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE NYSDEC SGVs ARE SHOWN.
6. RESULTS EXCEEDING THE NYSDEC SGVs ARE BOLDED AND SHADED.
7. VOC = VOLATILE ORGANIC COMPOUND
8. SVOC = SEMIVOLATILE ORGANIC COMPOUND
9. µg/L = MICROGRAMS PER LITER
10. ND = NOT DETECTED
11. D = THE CONCENTRATION REPORTED IS A RESULT OF A DILUTED SAMPLE
12. U = THE ANALYTE WAS ANALYZED FOR , BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE RL; THE VALUE SHOWN IN THE TABLE IS THE RL

LANGAN
300 Kimball Drive, Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
NEW JERSEY NEW YORK VIRGINIA CALIFORNIA
PENNSYLVANIA CONNECTICUT FLORIDA
ABU DHABI ATHENS DOHA
DUBAI ISTANBUL
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

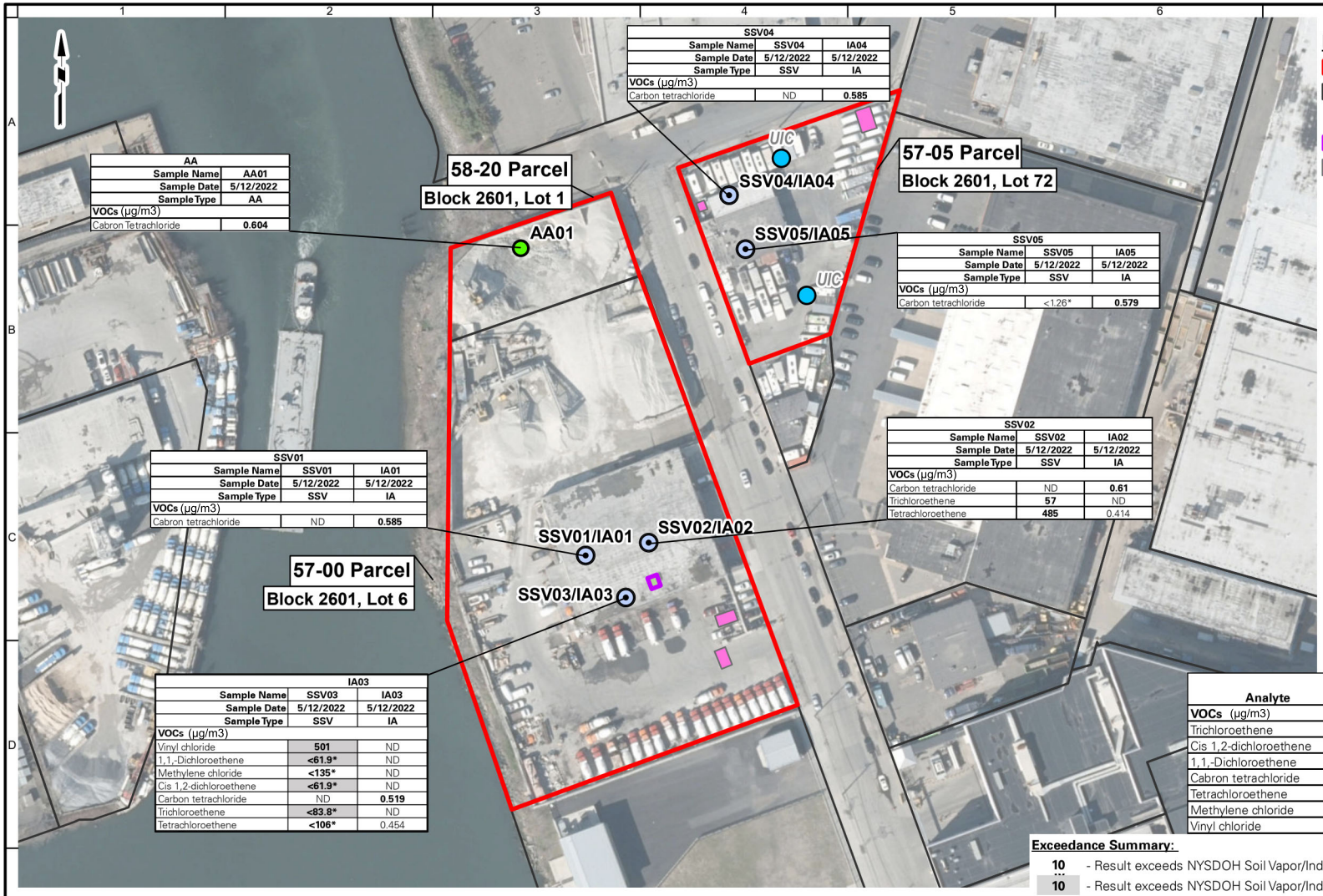
Project: 57-00, 57-05, & 58-20 47th STREET
BLOCK Nos. 2601; 2602
LOT Nos. 1 & 6; 72
QUEENS NEW YORK

Drawing Title: HISTORICAL GROUNDWATER SAMPLE LOCATIONS AND RESULTS

Project No. 100965501
Date 10/6/2022
Scale 1" = 80'
Drawn By ATR
Figure E-2

© 2013 Langan

Path: C:\Users\Aruane\Documents\Project Work\WorkFromHome-Covid\100965501\APRX\170686701\170686701.aprx Date: 10/6/2022 User: aruane Time: 2:15 PM



AA	
Sample Name	AA01
Sample Date	5/12/2022
Sample Type	AA
VOCs (µg/m3)	
Cabron Tetrachloride	**0.604**

SSV04		
Sample Name	SSV04	IA04
Sample Date	5/12/2022	5/12/2022
Sample Type	SSV	IA
VOCs (µg/m3)		
Carbon tetrachloride	ND	**0.585**

SSV05		
Sample Name	SSV05	IA05
Sample Date	5/12/2022	5/12/2022
Sample Type	SSV	IA
VOCs (µg/m3)		
Carbon tetrachloride	<1.26*	**0.579**

SSV01		
Sample Name	SSV01	IA01
Sample Date	5/12/2022	5/12/2022
Sample Type	SSV	IA
VOCs (µg/m3)		
Cabron tetrachloride	ND	**0.585**

SSV02		
Sample Name	SSV02	IA02
Sample Date	5/12/2022	5/12/2022
Sample Type	SSV	IA
VOCs (µg/m3)		
Carbon tetrachloride	ND	**0.61**
Trichloroethene	**57**	ND
Tetrachloroethene	**485**	0.414

IA03		
Sample Name	SSV03	IA03
Sample Date	5/12/2022	5/12/2022
Sample Type	SSV	IA
VOCs (µg/m3)		
Vinyl chloride	**501**	ND
1,1,-Dichloroethene	**<61.9***	ND
Methylene chloride	**<135***	ND
Cis 1,2-dichloroethene	**<61.9***	ND
Carbon tetrachloride	ND	**0.519**
Trichloroethene	**<83.8***	ND
Tetrachloroethene	**<106***	0.454

Legend

- Approximate Site Boundary
- Tax Parcels
- Underground Injection Control Unit
- Oil Water Separator
- Former Underground Storage Tank
- Ambient Air Sample Location
- Soil Vapor/Indoor Air Sample Location

Analyte	NYSDOH Decision Matrix (IA)		NYSDOH Decision Matrix(SSV)	
VOCs (µg/m3)				
Trichloroethene	0.2	1	6	60
Cis 1,2-dichloroethene	0.2	1	6	60
1,1,-Dichloroethene	0.2	1	6	60
Cabron tetrachloride	0.2	1	6	60
Tetrachloroethene	3	10	100	1000
Methylene chloride	3	10	100	1000
Vinyl chloride	0	0.2	6	60

Exceedance Summary:

10 - Result exceeds NYSDOH Soil Vapor/Indoor Air Matrix values and does not require further action

10 - Result exceeds NYSDOH Soil Vapor/Indoor Air Matrix and requires mitigation

*Reporting Limit greater than NYSDOH Soil Vapor/Indoor Air Matrix requiring action

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.
3. UG/M3 = MICROGRAMS PER CUBIC METER
4. ALL SAMPLE UNITS IN UG/M3

100 0 100
SCALE IN FEET

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

Project
57-00, 57-05, and 58-20 47th Street
BLOCK Nos. 2601, 2602, 2603, LOT Nos. 1, 6, 72
QUEENS NEW YORK

Figure Title
HISTORICAL INDOOR AIR, AMBIENT AIR, AND SUB-SLAB SAMPLE LOCATIONS AND RESULTS

Project No. 100965501
Date 10/6/2022
Scale 1"=100'
Drawn By ATR
Figure No. E-3

© 2021 Langan

Path: C:\Users\Aruane\Documents\Project Work\WorkFromHome-Covid\100965501\APRX\170686701\170686701.aprx Date: 10/6/2022 User: aruane Time: 2:43 PM

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LB-1	LB-2	LB-3	LB-4	LB-6	LB-7B-3W	LB-8	LB-9B-2N	LB-10	PRE-EX	SB01	SB02	SB03
					Sample Name	LB-1 (7.5-8.0)	LB-2 (10.5-11.0)	LB-3 (6.0-6.5)	LB-4 (1.5-2.0)	LB-6 (16.5-17.0)	LB-7B-3W (8.5-9.0)	LB-8 (7.5-8.0)	LB-9B-2N (10.0-10.5)	LB-10 (6.5-7.0)	PRE-EX	SB01_10-11	SB02_17-18	SB03_2-3
					Sample Date	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022	07/07/2021	07/08/2021	07/07/2021
					Sample Depth	7.5-8	10.5-11	6-6.5	1.5-2	16.5-17	8.5-9	7.5-8	10-10.5	6.5-7	-	10-11	17-18	2-3
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
1,1,1-Trichloroethane	71-55-6	0.68	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	<1.2 U	<0.0029 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,1-Dichloroethane	75-34-3	0.27	240	480	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,1-Dichloroethene	75-35-4	0.33	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02 J	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,2,4-Trimethylbenzene	95-63-6	**3.6**	190	380	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	0.0019	<0.091 UD	<0.0008 U	0.19	<1.3 UD	**33 D**	0.015 J	<0.0021 U	<1.2 U	<0.0029 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0026 U	<0.0021 U	<1.2 U	<0.0029 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,2-Dichloroethane	107-06-2	0.02	30	60	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.058 UD	<0.0016 U	<0.0017 U	<0.85 UD	<1.3 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**8.4**	190	380	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.18	1.8 D	**21 D**	0.0023 J	<0.0021 U	<1.2 U	<0.0029 U
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.006 J	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	<0.13 U	<0.17 U	<0.15 U	<0.097 U	<4.6 UD	<0.08 U	<0.085 U	<66 UD	<100 UD	<0.071 U	<0.041 U	<25 U	<0.058 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0021 U	<1.2 U	<0.0029 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012 J	NA	NA	NA
Acetone	67-64-1	**0.05**	500	1000	mg/kg	0.038	**0.35**	**0.16**	**0.06**	<0.46 UD	<0.008 U	0.05	**17 D**	**35 D**	**0.09 J**	<0.0041 U	<2.5 U	0.023
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0041 U	<2.5 U	<0.0058 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0035 U	<0.0021 U	<1.2 U	<0.0029 U
Benzene	71-43-2	0.06	44	89	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.046 UD	<0.0008 U	<0.00085 U	<0.66 UD	<1 UD	0.00048 J	<0.0021 U	<1.2 U	<0.0029 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0035 U	<0.0021 U	<1.2 U	<0.0029 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0021 U	<1.2 U	<0.0029 U
Carbon Tetrachloride	56-23-5	0.76	22	44	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
Chlorobenzene	108-90-7	1.1	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
Chloroform	67-66-3	0.37	350	700	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.18 UD	<0.0016 U	<0.0017 U	<2.6 UD	<3.9 UD	<0.0013 U	<0.0021 U	<1.2 U	<0.0029 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0035 U	<0.0021 U	<1.2 U	<0.0029 U
Cis-1,2-Dichloroethene	156-59-2	0.25	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	<1.2 U	<0.0029 U
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0097 J	NA	NA	NA
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	<0.0021 U	<1.2 U	<0.0029 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0021 U	<1.2 U	<0.0029 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0018 U	NA	NA	NA
Ethylbenzene	100-41-4	**1**	390	780	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	**2.5 D**	**14 D**	0.0017 J	<0.0021 U	<1.2 U	<0.0029 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0035 U	<0.0021 U	<1.2 U	<0.0029 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0016 J	0.022	<1.2 U	<0.0029 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0016 U	<0.0021 U	<0.0018 U	<0.0012 U	<0.091 UD	<0.00096 U	0.0014	<1.3 UD	75 D	0.0041 J	<0.0041 U	<2.5 U	<0.0058 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	<1.2 U	<0.0029 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.12**	500	1000	mg/kg	0.0068	0.11	0.012	0.0061	<0.091 UD	<0.0016 U	0.011	<1.3 UD	<2 UD	0.02 J	<0.0021 U	<1.2 U	<0.0029 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	<0.0021 U	<1.2 U	<0.0029 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	450 D	<0.0029 U
Methylene Chloride	75-09-2	0.05	500	1000	mg/kg	0.0066	0.005	<0.003 U	0.0042	<0.091 UD	<0.0016 U	0.0028	<1.3 UD	<2 UD	<0.0044 U	<0.0041 U	<2.5 U	<0.0058 U
Naphthalene	91-20-3	12	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0055 J	NA	NA	NA
n-Butylbenzene	104-51-8	**12**	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.044	<1.3 UD	**13 D**	0.0052 J	0.027	<1.2 U	<0.0029 U
n-Propylbenzene	103-65-1	**3.9**	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	1.9 D	**11 D**	0.0026 J	0.039	<1.2 U	<0.0029 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.0011	<1.3 UD	12 D	0.0075 J	<0.0021 U	<1.2 U	<0.0029 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	<1.2 U	<0.0029 U
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.08	<1.3 UD	<2 UD	0.0049 J	0.035	<1.2 U	<0.0029 U
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	<0.0013 U	0.0062	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	<1.3 UD	<2 UD	0.00084 J	<0.0021 U	<1.2 U	<0.0029 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0021 U	<1.2 U	<0.0029 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.046 UD	<0.0008 U	<0.00085 U	<0.66 UD	<1 UD	0.00083 J	<0.0021 U	<1.2 U	<0.0029 U
Tetrachloroethene (PCE)	127-18-4	1.3	150	300	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	0.00099 J	<0.0021 U	<1.2 U	<0.0029 U
Toluene	108-88-3	0.7	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.026	<1.3 UD	<2 UD	0.0026 J	<0.0021 U	<1.2 U	<0.0029 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	NA	NA	NA
Total Xylenes	1330-20-7	**1.6**	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.0025	<1.3 UD	**87 D**	0.012 J	<0.0062 U	<3.7 U	<0.0086 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00044 U	NA	NA	NA
Trans-1,2-Dichloroethene	156-60-5	0.19	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.0013 U	<0.0021 U	<1.2 U	<0.0029 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	<0.0021 U	<1.2 U	<0.0029 U
Trichloroethene (TCE)	79-01-6	0.47	200	400	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00044 U	<0.0021 U	<1.2 U	<0.0029 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0035 U	<0.0021 U	<1.2 U	<0.0029 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0088 U	NA	NA	NA
Vinyl Chloride	75-01-4	0.02	13	27	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD	<0.00088 U	<0.0021 U	<1.2 U	<0.0029 U

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LB-1	LB-2	LB-3	LB-4	LB-6	LB-7B-3W	LB-8	LB-9B-2N	LB-10	PRE-EX	SB01	SB02	SB03
					Sample Name	LB-1 (7.5-8.0)	LB-2 (10.5-11.0)	LB-3 (6.0-6.5)	LB-4 (1.5-2.0)	LB-6 (16.5-17.0)	LB-7B-3W (8.5-9.0)	LB-8 (7.5-8.0)	LB-9B-2N (10.0-10.5)	LB-10 (6.5-7.0)	PRE-EX	SB01_10-11	SB02_17-18	SB03_2-3
					Sample Date	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022	07/07/2021	07/08/2021	07/07/2021
					Sample Depth	7.5-8	10.5-11	6-6.5	1.5-2	16.5-17	8.5-9	7.5-8	10-10.5	6.5-7	-	10-11	17-18	2-3
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0961 U	<0.101 U	<0.0933 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0482 U	<0.0504 U	<0.0467 U
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.28 U	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0961 U	<0.101 U	<0.0933 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.1 U	<0.0482 U	<0.0504 U	<0.0467 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7 U	<0.0482 U	<0.0504 U	<0.0467 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.9 U	<0.0961 U	<0.101 U	<0.0933 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34 J	<0.0482 U	<0.0504 U	0.0522 JD
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	500	1000	mg/kg	<0.053 UD	<0.014 U	<0.058 UD	<0.011 U	<0.012 U	NA	NA	<0.011 U	**51 D**	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0961 U	<0.101 U	<0.0933 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4 U	<0.0482 U	<0.0504 U	<0.0467 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.7 U	<0.0482 U	<0.0504 U	<0.0467 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0961 U	<0.101 U	<0.0933 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.8 U	<0.0961 U	<0.101 U	<0.0933 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
4-Methylphenol (P-Cresol)	106-44-5	**0.33**	500	1000	mg/kg	<0.054 UD	0.017	0.064 D	<0.011 U	<0.012 U	NA	NA	<0.011 U	**180 D**	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0961 U	<0.101 U	<0.0933 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.6 U	<0.0961 U	<0.101 U	<0.0933 U
Acenaphthene	83-32-9	98	500	1000	mg/kg	1.3 D	0.066	0.49 D	0.071	0.16	NA	NA	<0.037 U	15 D	<1.5 U	<0.0482 U	0.451 D	0.101 D
Acenaphthylene	208-96-8	107	500	1000	mg/kg	1.6 D	<0.048 U	0.21 D	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.5 U	<0.0482 U	<0.0504 U	0.116 D
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.192 U	<0.202 U	<0.187 U
Anthracene	120-12-7	1000	500	1000	mg/kg	2.4 D	0.26	1.4 D	0.13	<0.04 U	NA	NA	<0.037 U	19 D	<1.1 U	0.132 D	<0.0504 U	0.335 D
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0482 U	<0.0504 U	<0.0467 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0482 U	<0.0504 U	<0.0467 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.192 U	<0.202 U	<0.187 U
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	**4.8 D**	**1.4**	**4.2 D**	0.37	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.1 U	<0.0482 U	<0.0504 U	**1.03 D**
Benzo(a)pyrene	50-32-8	**22**	1	1.1	mg/kg	4.8 D	1.3	3.6 D	0.31	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.5 U	<0.0482 U	<0.0504 U	1.08 D
Benzo(b)fluoranthene	205-99-2	**1.7**	5.6	11	mg/kg	**5.7 D**	**1.8**	**4.8 D**	0.42	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.1 U	<0.0482 U	<0.0504 U	0.886 D
Benzo(g,h,i)Perylene	191-24-2	1000	500	1000	mg/kg	3.1 D	0.94	2.3 D	0.2	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.5 U	<0.0482 U	<0.0504 U	0.734 D
Benzo(k)fluoranthene	207-08-9	**1.7**	56	110	mg/kg	1.3 D	0.42	1.2 D	0.15	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.1 U	<0.0482 U	<0.0504 U	0.741 D
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<6 U	<0.0482 U	<0.0504 U	<0.0467 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.2 U	<0.0482 U	<0.0504 U	<0.0467 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U	<0.0482 U	<0.0504 U	<0.0467 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7 U	<0.0482 U	<0.0504 U	<0.0467 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.2 U	<0.0482 U	<0.0504 U	<0.0467 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5 J	<0.0482 U	<0.0504 U	0.132 D
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0961 U	<0.101 U	<0.0933 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	0.0999 D
Chrysene	218-01-9	**1**	56	110	mg/kg	**4.3 D**	**1.2**	**4.4 D**	0.35	<0.04 U	NA	NA	<0.037 U	**15 D**	<1.1 U	<0.0482 U	<0.0504 U	0.995 D
Dibenzo(a,h)anthracene	53-70-3	1000	0.56	1.1	mg/kg	0.92 D	0.22	0.67 D	0.049	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.1 U	<0.0482 U	<0.0504 U	0.254 D
Dibenzofuran	132-64-9	210	350	1000	mg/kg	0.43 D	0.044	0.32 D	0.036	0.023	NA	NA	<0.0093 U	4.8 D	<1.8 U	<0.0482 U	<0.0504 U	0.0731 JD
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0961 U	<0.101 U	<0.0933 U
Fluoranthene	206-44-0	1000	500	1000	mg/kg	7.7 D	2.2	8 D	0.77	<0.04 U	NA	NA	<0.037 U	22 D	0.3 J	0.0991 D	<0.0504 U	1.86 D
Fluorene	86-73-7	386	500	1000	mg/kg	1.1 D	0.062	0.55 D	0.057	<0.04 U	NA	NA	<0.037 U	40 D	0.33 J	0.316 D	<0.0504 U	0.151 D
Hexachlorobenzene	118-74-1	3.2	6	12	mg/kg	<0.19 UD	<0.048 U	<0.2 UD	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.1 U	<0.0482 U	<0.0504 U	<0.0467 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.3 U	<0.0482 U	<0.0504 U	<0.0467 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.5 U	<0.0482 U	<0.0504 U	<0.0467 U
Indeno(1,2,3-cd)pyrene	193-39-5	**8.2**	5.6	11	mg/kg	2.7 D	0.79	2 D	0.18	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.5 U	<0.0482 U	<0.0504 U	0.794 D
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7 U	<0.0482 U	<0.0504 U	<0.0467 U
Naphthalene	91-20-3	**12**	500	1000	mg/kg	0.59 D	0.086	0.3 D	0.034	<0.012 U	NA	NA	<0.011 U	**140 D**	<1.8 U	0.0922 JD	<0.0504 U	0.0835 JD
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.7 U	<0.0482 U	<0.0504 U	<0.0467 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0482 U	<0.0504 U	<0.0467 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.5 U	<0.0482 U	<0.0504 U	<0.0467 U
Pentachlorophenol	87-86-5	0.8	6.7	55	mg/kg	<0.93 UD	<0.24 U	<1 UD	<0.19 U	<0.2 U	NA	NA	<0.18 U	<52 UD	<1.5 U	<0.0482 U	<0.0504 U	<0.0467 U
Phenanthrene	85-01-8	1000	500	1000	mg/kg	9.4 D	1	7.2 D	0.56	<0.04 U	NA	NA	<0.037 U	79 D	0.7 J	0.703 D	0.0901 JD	1.12 D
Phenol	108-95-2	0.33	500	1000	mg/kg	<0.19 UD	<0.048 U	0.23 D	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD	<1.8 U	<0.0482 U	<0.0504 U	<0.0467 U
Pyrene	129-00-0	1000	500	1000	mg/kg	10 D	2.2	8.9 D	0.66	0.11	NA	NA	<0.037 U	<10 UD	0.54 J	0.21 D	<0.0504 U	1.78 D
Petroleum Hydrocarbons																		
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40	TEPH (C9-C40)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LB-1	LB-2	LB-3	LB-4	LB-6	LB-7B-3W	LB-8	LB-9B-2N	LB-10	PRE-EX	SB01	SB02	SB03
					Sample Name	LB-1 (7.5-8.0)	LB-2 (10.5-11.0)	LB-3 (6.0-6.5)	LB-4 (1.5-2.0)	LB-6 (16.5-17.0)	LB-7B-3W (8.5-9.0)	LB-8 (7.5-8.0)	LB-9B-2N (10.0-10.5)	LB-10 (6.5-7.0)	PRE-EX	SB01_10-11	SB02_17-18	SB03_2-3
					Sample Date	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022	07/07/2021	07/08/2021	07/07/2021
					Sample Depth	7.5-8	10.5-11	6-6.5	1.5-2	16.5-17	8.5-9	7.5-8	10-10.5	6.5-7	-	10-11	17-18	2-3
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	14	92	180	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
4,4'-DDE	72-55-9	17	62	120	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
4,4'-DDT	50-29-3	136	47	94	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Aldrin	309-00-2	0.19	0.68	1.4	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	6.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Alpha Endosulfan	959-98-8	102	200	920	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.09	3	14	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Beta Endosulfan	33213-65-9	102	200	920	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.038 U	<0.0393 U	<0.0375 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.25	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Dieldrin	60-57-1	0.1	1.4	2.8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Endosulfan Sulfate	1031-07-8	1000	200	920	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Endrin	72-20-8	0.06	89	410	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Gamma Bhc (Lindane)	58-89-9	0.1	9.2	23	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Heptachlor	76-44-8	0.38	15	29	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0019 U	<0.00197 U	<0.00188 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0095 U	<0.00983 U	<0.00938 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0962 U	<0.0995 U	<0.0949 U
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	0.12	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	0.0884
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	<0.0189 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	NA	NA	NA
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	NA	NA	NA
Total PCBs	1336-36-3	3.2	1	25	mg/kg	<0.028 U	<0.036 U	<0.03 U	0.12	<0.03 U	NA	NA	<0.027 U	<0.18 UD	<0.182 U	<0.0192 U	<0.0198 U	0.0884
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,370	7,920	3,110	8,800
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.4 U	<2.9 U	<3.03 U	<2.86 U
Arsenic	7440-38-2	**16**	16	16	mg/kg	5.4	9.3	**83**	4.6	0.95	NA	NA	7.5	**1,900 D**	2.08	2.92	<1.82 U	6.54
Barium	7440-39-3	**820**	400	10000	mg/kg	190	**1,400**	160	90	20	NA	NA	52	30	36.2	126	18.8	137
Beryllium	7440-41-7	47	590	2700	mg/kg	0.31	1.2	0.27	0.35	<0.24 U	NA	NA	0.42	<0.29 U	0.281 J	<0.058 U	<0.061 U	<0.057 U
Cadmium	7440-43-9	7.5	9.3	60	mg/kg	<0.44 U	1.7	<0.49 U	<0.45 U	<0.48 U	NA	NA	<0.44 U	4.7	0.739 J	<0.349 U	<0.363 U	0.481
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,600	29,500	836 B	43,000
Chromium, Hexavalent	18540-29-9	19	400	800	mg/kg	<0.89 U	<1.2 U	<0.98 U	<0.91 U	<0.96 U	NA	NA	<0.88 U	<1.1 U	NA	<0.58 U	<0.605 U	<0.572 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	13	34	11	15	8.9	NA	NA	22	<7.1 U	17	21.5	6.79	19.7
Chromium, Trivalent	16065-83-1	NS	1500	6800	mg/kg	13	34	11	15	8.9	NA	NA	22	<7.1 U	NA	21.5	6.79	19.7
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.55	6.5	4.14	6.92
Copper	7440-50-8	1720	270	10000	mg/kg	69	580	84	21	8.2	NA	NA	23	140	61.1	41.8	6.47	46.2
Cyanide	57-12-5	**40**	27	10000	mg/kg	0.36	<0.35 U	<0.29 U	0.65	0.36	NA	NA	<0.26 U	**140 D**	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	18,300	12,200	7,090	17,900
Lead	7439-92-1	**450**	1000	3900	mg/kg	270	**1,800 D**	**770**	71	<6 U	NA	NA	16	**1,800 D**	36.9	72.6	1.51	124
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,580	7,170	1,210	5,190
Manganese	7439-96-5	2000	10000	10000	mg/kg	240	180	230	200	210	NA	NA	2,000 D	27	398	265	80.1	299
Mercury	7439-97-6	**0.73**	2.8	5.7	mg/kg	**0.98**	**3.6**	**1.4**	0.2	<0.1 U	NA	NA	<0.092 U	**6.5 D**	0.636 J	0.0633	<0.0363 U	0.272
Nickel	7440-02-0	130	310	10000	mg/kg	16	43	11	11	9.1	NA	NA	16	<7.1 U	11.4	14.2	7.41	16.2
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	507	946	448	1,610
Selenium	7782-49-2	**4**	1500	6800	mg/kg	<2.2 U	**6.1**	**7.2**	<2.3 U	<2.4 U	NA	NA	<2.2 U	**67**	<1.76 U	<2.9 U	<3.03 U	<2.86 U
Silver	7440-22-4	8.3	1500	6800	mg/kg	<0.22 U	0.72	0.78	<0.23 U	<0.24 U	NA	NA	<0.22 U	0.46	<0.88 U	<0.58 U	<0.605 U	<0.572 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	122 J	322	84.9	292
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.76 U	<2.9 U	<3.03 U	<2.86 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.4	19.1	10	24.1
Zinc	7440-66-6	2480	10000	10000	mg/kg	210	1,700 D	70	84	20	NA	NA	33	120	142	95.3	14.9	147
General Chemistry																		
Solids, Percent	SOLID	NS	NS	NS	Percent	90	69	82	88	83	92	93	91	70	NA	86.2	82.6	87.4

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB04	SB05	SB06	SB07	SB08	SB09	SB10	SB11	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	SB04_8-9	SB05_1-2	SB06_2-3	SB07_8-9	SB08_1-2	SB09_13-14	SB10_3-4	SB11_13-14	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	07/08/2021	07/08/2021	07/08/2021	07/07/2021	07/08/2021	07/07/2021	07/07/2021	07/07/2021	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Depth	8-9	1-2	2-3	8-9	1-2	13-14	3-4	13-14	6.5-7	4-4.5	6.5-7	6.5-7	7-7.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,1-Trichloroethane	71-55-6	0.68	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethane	75-34-3	0.27	240	480	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethene	75-35-4	0.33	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	0.024 J	0.00037 J	<0.0018 U	<0.0016 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,4-Trimethylbenzene	95-63-6	**3.6**	190	380	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	0.027	0.0055	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	0.064 J	0.00041 J	<0.0018 U	<0.0016 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0033 U	<0.0027 U	<0.0033 U	<0.0027 U	<0.0024 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2-Dichloroethane	107-06-2	0.02	30	60	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**8.4**	190	380	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	0.025	0.004 J	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	0.016 J	<0.0022 U	<0.0018 U	<0.0016 U
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	0.04 J	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	<3.8 U	<0.054 U	<0.048 U	<0.041 U	<0.05 U	<0.065 U	<0.082 U	<8.3 U	<0.089 U	<0.071 U	<0.087 U	<0.072 U	<0.065 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	0.031 J	<0.0022 U	<0.0018 U	<0.0016 U
Acetone	67-64-1	**0.05**	500	1000	mg/kg	<0.38 U	<0.0054 U	<0.0048 U	0.029	**0.22 E**	0.025	**1.2 JD**	<0.011 U	**0.063 J**	0.03	<0.009 U	0.013	
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.38 U	<0.0054 U	<0.0048 U	<0.0041 U	<0.005 U	<0.0065 U	<0.0082 U	<0.83 U	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Benzene	71-43-2	0.06	44	89	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	0.00042 J	<0.00055 U	<0.00045 U	<0.00041 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	0.022 B	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	0.0022 J	<0.0025 U	0.0036 J	0.0059 J	<0.41 U	<0.0011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Carbon Tetrachloride	56-23-5	0.76	22	44	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Chlorobenzene	108-90-7	1.1	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Chloroform	67-66-3	0.37	350	700	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0017 U	<0.0013 U	<0.0016 U	0.00013 J	<0.0012 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.34 JBD	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	0.029 B	0.77 JBD	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Cis-1,2-Dichloroethene	156-59-2	0.25	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0011 U	0.0066 J	<0.0011 U	<0.0009 U	<0.00081 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Ethylbenzene	100-41-4	**1**	390	780	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	0.004 J	<0.0011 U	<0.0009 U	<0.00081 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	0.0042 J	<0.0011 U	<0.0009 U	<0.00081 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.38 U	<0.0054 U	<0.0048 U	<0.0041 U	<0.005 U	<0.0065 U	<0.0082 U	<0.83 U	<0.0022 U	0.014 J	<0.0022 U	<0.0018 U	<0.0016 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	1.8 D	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.12**	500	1000	mg/kg	**0.2 JD**	<0.0027 U	<0.0024 U	0.007	0.016	0.0071	<0.0041 U	**0.78 JD**	<0.011 U	0.016 J	0.0042 J	<0.009 U	<0.0081 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	0.0037 J	<0.0033 U	<0.0041 U	<0.41 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	0.05	500	1000	mg/kg	<0.38 U	<0.0054 U	<0.0048 U	<0.0041 U	<0.005 U	<0.0065 U	<0.0082 U	<0.83 U	<0.0056 U	<0.0044 U	<0.0055 U	<0.0045 U	<0.0041 U
Naphthalene	91-20-3	12	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0044 U	0.018 J	<0.0044 U	<0.0036 U	<0.0032 U
n-Butylbenzene	104-51-8	**12**	500	1000	mg/kg	0.26 JD	<0.0027 U	<0.0024 U	0.0022 J	<0.0025 U	<0.0033 U	<0.0041 U	2.1 D	<0.0011 U	0.0082 J	<0.0011 U	<0.0009 U	<0.00081 U
n-Propylbenzene	103-65-1	**3.9**	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	0.0029 J	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	0.0067 J	<0.0011 U	<0.0009 U	<0.00081 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	0.0034 J	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	0.021 J	<0.0011 U	<0.0009 U	<0.00081 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	0.0068	0.005 J	<0.0033 U	<0.0041 U	<0.41 U	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	0.2 JD	<0.0027 U	<0.0024 U	0.0041 J	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	0.0074 J	<0.0011 U	<0.0009 U	<0.00081 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	0.0006 J	<0.0022 U	<0.0018 U	<0.0016 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	0.058	<0.41 U	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0022 U	0.00037 J	<0.0022 U	<0.0018 U	<0.0016 U
Tetrachloroethene (PCE)	127-18-4	1.3	150	300	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	0.001 J	<0.00055 U	<0.00045 U	<0.00041 U
Toluene	108-88-3	0.7	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	0.0059	<0.0033 U	0.0063 J	<0.41 U	<0.0011 U	0.004 J	<0.0011 U	<0.0009 U	<0.00081 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Total Xylenes	1330-20-7	**1.6**	500	1000	mg/kg	<0.57 U	<0.0081 U	<0.0072 U	<0.0062 U	<0.0075 U	<0.0098 U	<0.012 U	<1.2 U	<0.0011 U	0.035 J	<0.0011 U	<0.0009 U	<0.00081 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Trans-1,2-Dichloroethene	156-60-5	0.19	500	1000	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0017 U	<0.0013 U	<0.0016 U	<0.0014 U	<0.0012 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0056 U	<0.0044 U	<0.0055 U	<0.0045 U	<0.0041 U
Trichloroethene (TCE)	79-01-6	0.47	200	400	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Vinyl Chloride	75-01-4	0.02	13	27	mg/kg	<0.19 U	<0.0027 U	<0.0024 U	<0.0021 U	<0.0025 U	<0.0033 U	<0.0041 U	<0.41 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB04	SB05	SB06	SB07	SB08	SB09	SB10	SB11	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	SB04_8-9	SB05_1-2	SB06_2-3	SB07_8-9	SB08_1-2	SB09_13-14	SB10_3-4	SB11_13-14	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	07/08/2021	07/08/2021	07/08/2021	07/07/2021	07/08/2021	07/07/2021	07/07/2021	07/07/2021	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Depth	8-9	1-2	2-3	8-9	1-2	13-14	3-4	13-14	6.5-7	4-4.5	6.5-7	6.5-7	7-7.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	<0.14 U	<0.026 U	<0.026 U	<0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<4.3 UJ	<4.4 UJ	<0.85 UJ	<0.84 U	<0.87 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.138 D	<0.0427 U	<0.0434 U	1.73 D	1.23 D	<0.0597 U	0.234 D	0.724 D	0.13 J	0.51 J	<0.21 U	<0.21 U	<0.22 U
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<1.9 U	<2 U	<0.38 U	<0.38 U	<0.39 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	0.197 D	<1.3 U	0.21 J	<0.25 U	<0.25 U	<0.26 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<2.3 U	<2.4 U	<0.46 U	<0.46 U	<0.47 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Methylphenol (P-Cresol)	106-44-5	**0.33**	500	1000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	<1.2 U	<1.3 U	<0.25 U	<0.24 U	<0.25 U
Acenaphthene	83-32-9	98	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	11.6 D	0.0796 JD	<0.0597 U	<0.0457 U	2.42 D	<0.72 U	0.14 J	<0.14 U	<0.14 U	<0.14 U
Acenaphthylene	208-96-8	107	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	0.692 D	0.0788 JD	<0.0597 U	<0.0457 U	<0.0689 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.181 U	<0.17 U	<0.173 U	<0.903 U	<0.193 U	<0.239 U	<0.182 U	<0.275 U	NA	NA	NA	NA	NA
Anthracene	120-12-7	1000	500	1000	mg/kg	0.0809 JD	<0.0427 U	<0.0434 U	42.4 D	0.161 D	<0.0597 U	0.556 D	3.96 D	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.181 U	<0.17 U	<0.173 U	<0.903 U	<0.193 U	<0.239 U	<0.182 U	<0.275 U	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	0.128 D	<0.0427 U	<0.0434 U	**64.8 D**	0.43 D	<0.0597 U	0.304 D	**5.55 D**	<0.54 U	0.1 J	0.022 J	<0.1 U	<0.11 U
Benzo(a)pyrene	50-32-8	**22**	1	1.1	mg/kg	0.149 D	<0.0427 U	<0.0434 U	**47.1 D**	0.412 D	<0.0597 U	0.23 D	3.84 D	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	205-99-2	**1.7**	5.6	11	mg/kg	0.118 D	<0.0427 U	<0.0434 U	**39.2 D**	0.334 D	<0.0597 U	0.375 D	**3.1 D**	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	1000	500	1000	mg/kg	0.0968 D	<0.0427 U	<0.0434 U	22.9 D	0.226 D	<0.0597 U	0.216 D	1.81 D	<0.72 U	<0.73 U	0.022 J	<0.14 U	<0.14 U
Benzo(k)fluoranthene	207-08-9	**1.7**	56	110	mg/kg	0.121 D	<0.0427 U	<0.0434 U	**35.8 D**	0.348 D	<0.0597 U	0.166 D	**2.69 D**	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<2.9 UJ	<3 UJ	<0.57 UJ	<0.57 U	<0.59 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	0.764 D	<0.0484 U	<0.0597 U	<0.0457 U	0.204 D	<2 U	<2.1 U	<0.4 U	<0.4 U	<0.41 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.97 U	<0.99 U	<0.19 U	<0.19 U	<0.2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<1.1 U	<1.1 U	<0.21 U	<0.21 U	<0.22 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	0.94	1.9	<0.18 U	<0.18 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	5.05 D	0.0602 JD	<0.0597 U	<0.0457 U	2.43 D	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Chrysene	218-01-9	**1**	56	110	mg/kg	0.132 D	<0.0427 U	<0.0434 U	**65.2 D**	0.412 D	<0.0597 U	0.738 D	**4.17 D**	<0.54 U	<0.55 U	0.019 J	<0.1 U	<0.11 U
Dibenz(a,h)anthracene	53-70-3	1000	0.56	1.1	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	9.53 D	0.0827 JD	<0.0597 U	0.1 D	0.748 D	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Dibenzofuran	132-64-9	210	350	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	6.6 D	<0.0484 U	<0.0597 U	0.0481 JD	1.6 D	<0.9 U	0.12 J	<0.18 U	<0.18 U	<0.18 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	<0.0904 U	<0.0851 U	<0.0865 U	<0.451 U	<0.0966 U	<0.119 U	<0.0911 U	<0.137 U	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	1000	500	1000	mg/kg	0.242 D	<0.0427 U	<0.0434 U	128 D	0.838 D	<0.0597 U	0.417 D	12.1 D	<0.54 U	0.19 J	0.033 J	0.022 J	<0.11 U
Fluorene	86-73-7	386	500	1000	mg/kg	0.0643 JD	<0.0427 U	<0.0434 U	18.9 D	<0.0484 U	<0.0597 U	0.119 D	2.57 D	<0.9 U	0.4 J	<0.18 U	<0.18 U	<0.18 U
Hexachlorobenzene	118-74-1	3.2	6	12	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<2.6 U	<2.6 U	<0.51 U	<0.5 U	<0.52 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	**8.2**	5.6	11	mg/kg	0.0817 JD	<0.0427 U	<0.0434 U	**26.7 D**	0.216 D	<0.0597 U	0.19 D	2.25 D	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
Naphthalene	91-20-3	**12**	500	1000	mg/kg	0.127 D	<0.0427 U	<0.0434 U	1.41 D	0.308 D	<0.0597 U	0.292 D	1.12 D	<0.9 U	0.21 J	<0.18 U	<0.18 U	<0.18 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Pentachlorophenol	87-86-5	0.8	6.7	55	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Phenanthrene	85-01-8	1000	500	1000	mg/kg	0.23 D	<0.0427 U	<0.0434 U	170 D	0.547 D	<0.0597 U	0.561 D	16.1 D	<0.54 U	0.68	<0.11 U	<0.1 U	<0.11 U
Phenol	108-95-2	0.33	500	1000	mg/kg	<0.0453 U	<0.0427 U	<0.0434 U	<0.226 U	<0.0484 U	<0.0597 U	<0.0457 U	<0.0689 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Pyrene	129-00-0	1000	500	1000	mg/kg	0.265 D	<0.0427 U	<0.0434 U	122 D	0.745 D	<0.0597 U	0.398 D	10.7 D	<0.54 U	0.39 J	0.04 J	0.019 J	<0.11 U
Petroleum Hydrocarbons																		
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40	TEPH (C9-C40)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	SB04	SB05	SB06	SB07	SB08	SB09	SB10	SB11	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	SB04_8-9	SB05_1-2	SB06_2-3	SB07_8-9	SB08_1-2	SB09_13-14	SB10_3-4	SB11_13-14	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	07/08/2021	07/08/2021	07/08/2021	07/07/2021	07/08/2021	07/07/2021	07/07/2021	07/07/2021	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Depth	8-9	1-2	2-3	8-9	1-2	13-14	3-4	13-14	6.5-7	4-4.5	6.5-7	6.5-7	7-7.5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	14	92	180	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	0.00994 D	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	17	62	120	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	0.00853 D	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	136	47	94	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.19	0.68	1.4	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	6.8	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	102	200	920	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.09	3	14	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	102	200	920	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0355 U	<0.0336 U	<0.0349 U	<0.0349 U	<0.0384 U	<0.0471 U	<0.036 U	<0.0544 U	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.25	500	1000	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.1	1.4	2.8	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	1000	200	920	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Endrin	72-20-8	0.06	89	410	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.1	9.2	23	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.38	15	29	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00178 U	<0.00168 U	<0.00175 U	<0.00174 U	<0.00192 U	<0.00236 U	<0.0018 U	<0.00272 U	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00888 U	<0.00839 U	<0.00873 U	<0.00872 U	<0.00959 U	<0.0118 U	<0.00901 U	<0.0136 U	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.0899 U	<0.0849 U	<0.0884 U	<0.0883 U	<0.0971 U	<0.119 U	<0.0912 U	<0.138 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	<0.0176 U	0.0367	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	0.0184	<0.0194 U	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
Total PCBs	1336-36-3	3.2	1	25	mg/kg	<0.0179 U	<0.0169 U	<0.0176 U	0.0184	0.0367	<0.0238 U	<0.0182 U	<0.0275 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	6,520	3,870	6,350	801	9,460	11,100	5,590	12,400	3,510	3,320	3,460	3,200	1,990
Antimony	7440-36-0	NS	NS	NS	mg/kg	<2.72 U	<2.59 U	<2.65 U	<2.72 U	<2.94 U	<3.6 U	<2.75 U	<4.15 U	<4.16 U	<4.26 U	<4.21 U	<4.25 U	<4.21 U
Arsenic	7440-38-2	**16**	16	16	mg/kg	<1.63 U	<1.56 U	2.31	12.4	5.74	14.1	**27.6**	10.3	3.59	2.51	2.39	2.53	2.68
Barium	7440-39-3	**820**	400	10000	mg/kg	50.9	34.6	31.7	36.9	99.8	190	119	223	31.8	31.4	30.4	24.1	13.3
Beryllium	7440-41-7	47	590	2700	mg/kg	<0.054 U	<0.052 U	<0.053 U	0.362	<0.059 U	<0.072 U	<0.055 U	<0.083 U	0.283 J	0.264 J	0.295 J	0.238 J	0.193 J
Cadmium	7440-43-9	7.5	9.3	60	mg/kg	<0.326 U	<0.311 U	<0.319 U	<0.327 U	<0.352 U	0.501	0.355	1.18	0.856	0.793 J	0.561 J	0.536 J	0.522 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	**18,600 B**	**861 B**	**643 B**	687	**81,900 B**	7,600	3,350	35,300	2,630	4,440	2,540	736	477
Chromium, Hexavalent	18540-29-9	19	400	800	mg/kg	<0.544 U	<0.519 U	<0.531 U	<0.545 U	<0.587 U	<0.719 U	<0.55 U	<0.83 U	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	22.2	9.94	14	5.15	31.5	21	10.2	46.2	11.2	12.9	13.6	10.2	7.68
Chromium, Trivalent	16065-83-1	NS	1500	6800	mg/kg	22.2	9.94	14	5.15	31.5	21	10.2	46.2	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	6.66	6.36	7.87	2.14	5.56	15.6	7.78	9.49	6.86	4.52	5.38	5.2	3.67
Copper	7440-50-8	1720	270	10000	mg/kg	29.8	12	11.4	11.7	37.4	33.6	110	149	74.8	82.4	15	31.5	7.77
Cyanide	57-12-5	**40**	27	10000	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	33,000	19,000	20,600	6,470	10,700	19,000	17,800	26,200	15,500	21,100	20,800	17,100	21,400
Lead	7439-92-1	**450**	1000	3900	mg/kg	29.6	1.41	2.59	29.7	39.8	28	**1,840**	381	27.2	36.8	9.55	16.3	4.11 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,910	1,360	1,590	106	8,190	930	696	4,760	1,570	1,530	1,110	1,040	718
Manganese	7439-96-5	2000	10000	10000	mg/kg	535	478	521	10.1	268	92.1	69.6	373	344	314	460	344	203
Mercury	7439-97-6	**0.73**	2.8	5.7	mg/kg	0.0721	<0.0311 U	<0.0319 U	**5.33**	0.118	0.143	**2.97**	**4.22**	0.112	**0.732**	0.073	<0.069 U	<0.069 U
Nickel	7440-02-0	130	310	10000	mg/kg	12.7	8.48	11.8	6.13	16.3	29.6	14.1	31.5	10.6	9	7.45	7.68	5.58
Potassium	7440-09-7	NS	NS	NS	mg/kg	976	534	766	284	1,770	796	521	2,190	805	492	437	431	234
Selenium	7782-49-2	**4**	1500	6800	mg/kg	<2.72 U	<2.59 U	<2.65 U	<2.72 U	<2.94 U	<3.6 U	<2.75 U	<4.15 U	0.216 J	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Silver	7440-22-4	8.3	1500	6800	mg/kg	<0.544 U	<0.519 U	<0.531 U	<0.545 U	<0.587 U	<0.719 U	<0.55 U	<0.83 U	<0.831 U	<0.853 U	<0.842 U	<0.85 U	<0.841 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	394	330	55	114	459	366	230	441	72 J	73.1 J	62.4 J	47.8 J	45 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<2.72 U	<2.59 U	<2.65 U	<2.72 U	<2.94 U	<3.6 U	<2.75 U	<4.15 U	<1.68 U	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	40.5	18.6	22.6	7.6	26.3	30.6	15.4	38.1	22.3	20.8	21.8	18.9	17.4
Zinc	7440-66-6	2480	10000	10000	mg/kg	55.3	12.2	42	13.9	93.9	211	151	646	98.8	88.1	38.1	47.1	13.8
General Chemistry																		
Solids, Percent	SOLID	NS	NS	NS	Percent	91.9	96.4	94.2	91.8	85.2	69.5	90.9	60.3	NA	NA	NA	NA	NA

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Name	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Date	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022
					Sample Depth	12-12.5	12-12.5	12-12.5	7-7.5	12-12.5	-
					Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
1,1,1-Trichloroethane	71-55-6	0.68	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,1-Dichloroethane	75-34-3	0.27	240	480	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,1-Dichloroethene	75-35-4	0.33	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	0.0042 J
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,2,4-Trimethylbenzene	95-63-6	**3.6**	190	380	mg/kg	0.072 J	0.14 J	1.3	<0.13 U	0.026 J	0.0049
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0068 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,2-Dichloroethane	107-06-2	0.02	30	60	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	**8.4**	190	380	mg/kg	<0.12 U	0.042 J	0.36	<0.13 U	<0.11 U	0.0017 J
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	0.00066 J
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	NA	NA	NA	NA	<0.18 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.023 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	0.0025 J
Acetone	67-64-1	**0.05**	500	1000	mg/kg	NA	NA	NA	NA	NA	0.027
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0091 U
Benzene	71-43-2	0.06	44	89	mg/kg	0.011 J	0.00026 J	0.0013	<0.032 U	<0.028 U	0.0005 J
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0091 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.023 U
Carbon Tetrachloride	56-23-5	0.76	22	44	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
Chlorobenzene	108-90-7	1.1	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Chloroform	67-66-3	0.37	350	700	mg/kg	NA	NA	NA	NA	NA	<0.0034 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0091 U
Cis-1,2-Dichloroethene	156-59-2	0.25	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Cymene	99-87-6	NS	NS	NS	mg/kg	0.15	0.0052 J	0.096	0.0079 J	<0.055 U	0.00063 J
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.023 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0046 U
Ethylbenzene	100-41-4	**1**	390	780	mg/kg	0.11	0.013 J	0.12	<0.063 U	<0.055 U	0.00043 J
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0091 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	1	0.05 J	0.044 J	0.14	0.086	0.0004 J
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.083 J	0.07 J	0.77	<0.13 U	<0.11 U	0.0018 J
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	**0.12**	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.023 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.023 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Methylene Chloride	75-09-2	0.05	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.011 U
Naphthalene	91-20-3	12	500	1000	mg/kg	3	0.54	0.5	3.9	0.43	0.0067 J
n-Butylbenzene	104-51-8	**12**	500	1000	mg/kg	2.8	1.6	0.14	1.7	1.3	0.0012 J
n-Propylbenzene	103-65-1	**3.9**	500	1000	mg/kg	2.2	0.036 J	0.13	0.23	0.14	0.00082 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.061 U	0.039 J	0.36	<0.063 U	<0.055 U	0.0014 J
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	2.3	1.7	0.074	1.1	1.2	0.0011 J
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	0.15	0.089 J	0.0013 J	0.066 J	0.059 J	<0.0046 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	<0.12 U	<0.0018 U	<0.0019 U	<0.13 U	<0.11 U	<0.0046 U
Tetrachloroethene (PCE)	127-18-4	1.3	150	300	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Toluene	108-88-3	0.7	500	1000	mg/kg	<0.061 U	0.011 J	0.11	<0.063 U	<0.055 U	<0.0023 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
Total Xylenes	1330-20-7	**1.6**	500	1000	mg/kg	0.083 J	0.11 J	1.1	<0.063 U	<0.055 U	0.0032 J
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Trans-1,2-Dichloroethene	156-60-5	0.19	500	1000	mg/kg	NA	NA	NA	NA	NA	<0.0034 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0023 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.011 U
Trichloroethene (TCE)	79-01-6	0.47	200	400	mg/kg	NA	NA	NA	NA	NA	<0.0011 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.0091 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.023 U
Vinyl Chloride	75-01-4	0.02	13	27	mg/kg	NA	NA	NA	NA	NA	<0.0023 U

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Name	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Date	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022
					Sample Depth	12-12.5	12-12.5	12-12.5	7-7.5	12-12.5	-
					Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	NA	NA	NA	NA	NA	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.19 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	0.12 J
2-Methylphenol (o-Cresol)	95-48-7	**0.33**	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Methylphenol (P-Cresol)	106-44-5	**0.33**	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	98	500	1000	mg/kg	0.52	0.36	<0.14 U	11	0.55	0.075 J
Acenaphthylene	208-96-8	107	500	1000	mg/kg	<0.15 U	<0.14 U	<0.14 U	4	<0.14 U	0.032 J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	1000	500	1000	mg/kg	0.36	0.47	<0.11 U	32	0.33	0.12
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	0.29	0.51	<0.11 U	**32**	0.032 J	0.28
Benzo(a)pyrene	50-32-8	**22**	1	1.1	mg/kg	0.28	0.5	<0.14 U	21	<0.14 U	0.26
Benzo(b)fluoranthene	205-99-2	**1.7**	5.6	11	mg/kg	0.36	0.51	<0.11 U	**28**	<0.11 U	0.32
Benzo(g,h,i)Perylene	191-24-2	1000	500	1000	mg/kg	0.18	0.24	0.11 J	12	<0.14 U	0.18
Benzo(k)fluoranthene	207-08-9	**1.7**	56	110	mg/kg	0.12	0.21	<0.11 U	**6.6**	<0.11 U	0.097 J
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	**1**	56	110	mg/kg	0.31	0.5	<0.11 U	**27**	0.047 J	0.26
Dibenz(a,h)anthracene	53-70-3	1000	0.56	1.1	mg/kg	0.05 J	0.055 J	<0.11 U	3	<0.11 U	0.039 J
Dibenzofuran	132-64-9	210	350	1000	mg/kg	NA	NA	NA	NA	NA	NA
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Diphenylamine	122-39-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	1000	500	1000	mg/kg	0.67	1.3	<0.11 U	81	0.12	0.51
Fluorene	86-73-7	386	500	1000	mg/kg	1.2	0.85	0.021 J	21	1.3	0.18 J
Hexachlorobenzene	118-74-1	3.2	6	12	mg/kg	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	**8.2**	5.6	11	mg/kg	0.23	0.29	0.028 J	**15**	<0.14 U	0.2
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	**12**	500	1000	mg/kg	NA	NA	NA	NA	NA	0.08 J
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	0.8	6.7	55	mg/kg	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	1000	500	1000	mg/kg	2.2	2.2	<0.11 U	110	2.2	0.56
Phenol	108-95-2	0.33	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	1000	500	1000	mg/kg	0.93	1.4	<0.11 U	59	0.47	0.53
Petroleum Hydrocarbons											
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40	TEPH (C9-C40)	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	549

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Name	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5	WASTE CLASSIFICATION
					Sample Date	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022
					Sample Depth	12-12.5	12-12.5	12-12.5	7-7.5	12-12.5	-
					Unit	Result	Result	Result	Result	Result	Result
Pesticides											
4,4'-DDD	72-54-8	14	92	180	mg/kg	NA	NA	NA	NA	NA	NA
4,4'-DDE	72-55-9	17	62	120	mg/kg	NA	NA	NA	NA	NA	NA
4,4'-DDT	50-29-3	136	47	94	mg/kg	NA	NA	NA	NA	NA	NA
Aldrin	309-00-2	0.19	0.68	1.4	mg/kg	NA	NA	NA	NA	NA	NA
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	6.8	mg/kg	NA	NA	NA	NA	NA	NA
Alpha Endosulfan	959-98-8	102	200	920	mg/kg	NA	NA	NA	NA	NA	NA
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.09	3	14	mg/kg	NA	NA	NA	NA	NA	NA
Beta Endosulfan	33213-65-9	102	200	920	mg/kg	NA	NA	NA	NA	NA	NA
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.25	500	1000	mg/kg	NA	NA	NA	NA	NA	NA
Dieldrin	60-57-1	0.1	1.4	2.8	mg/kg	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	1031-07-8	1000	200	920	mg/kg	NA	NA	NA	NA	NA	NA
Endrin	72-20-8	0.06	89	410	mg/kg	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Gamma Bhc (Lindane)	58-89-9	0.1	9.2	23	mg/kg	NA	NA	NA	NA	NA	NA
Heptachlor	76-44-8	0.38	15	29	mg/kg	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl											
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	0.0209 J
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	<0.038 U
Total PCBs	1336-36-3	3.2	1	25	mg/kg	NA	NA	NA	NA	NA	0.0209 J
Metals											
Aluminum	7429-90-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Antimony	7440-36-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Arsenic	7440-38-2	**16**	16	16	mg/kg	NA	NA	NA	NA	NA	4.85
Barium	7440-39-3	**820**	400	10000	mg/kg	NA	NA	NA	NA	NA	102
Beryllium	7440-41-7	47	590	2700	mg/kg	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	7.5	9.3	60	mg/kg	NA	NA	NA	NA	NA	0.633 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	19	400	800	mg/kg	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	16.1
Chromium, Trivalent	16065-83-1	NS	1500	6800	mg/kg	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Copper	7440-50-8	1720	270	10000	mg/kg	NA	NA	NA	NA	NA	NA
Cyanide	57-12-5	**40**	27	10000	mg/kg	NA	NA	NA	NA	NA	NA
Iron	7439-89-6	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	**450**	1000	3900	mg/kg	NA	NA	NA	NA	NA	88.5
Magnesium	7439-95-4	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Manganese	7439-96-5	2000	10000	10000	mg/kg	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	**0.73**	2.8	5.7	mg/kg	NA	NA	NA	NA	NA	0.425
Nickel	7440-02-0	130	310	10000	mg/kg	NA	NA	NA	NA	NA	NA
Potassium	7440-09-7	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	**4**	1500	6800	mg/kg	NA	NA	NA	NA	NA	<1.81 U
Silver	7440-22-4	8.3	1500	6800	mg/kg	NA	NA	NA	NA	NA	<0.904 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	7440-28-0	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NS	NS	NS	mg/kg	NA	NA	NA	NA	NA	NA
Zinc	7440-66-6	2480	10000	10000	mg/kg	NA	NA	NA	NA	NA	NA
General Chemistry											
Solids, Percent	SOLID	NS	NS	NS	Percent	NA	NA	NA	NA	NA	NA

Table 1A
Soil Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 100965501

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
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, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.

E - The result is estimated and cannot be accurately reported due to levels encountered or interferences.
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value
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
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or

Exceedance Summary:

10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Commercial SCOs
10 - Result exceeds Restricted Use Industrial SCOs

Table 1B
Soil Sample Analytical Results- BCP Application Summary

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analytes > SCOs	Detections > Protection of Groundwater	Detections > Restricted Residential SCOs	Detections > Restricted Industrial SCOs	Maximum Detection (ppm)	Protection of Groundwater (ppm)	Restricted Residential SCOs (ppm)	Restricted Industrial SCOs (ppm)	Sample Depth of Highest Concentration (feet)
Benzo(a)anthracene	7	2	2	64.8	1	5.6	11	8.0-9.0
Benzo(a)pyrene	1	7	6	47.1	22	1	1.1	8.0-9.0
Benzo(b)fluoranthene	6	3	2	39.2	1.7	5.6	11	8.0-9.0
Chrysene	6	1	0	65.2	1	56	110	8.0-9.0
Dibenz(a,h)anthracene	0	5	2	9.53	1000	0.56	1.1	8.0-9.0
Indeno(1,2,3-cd)pyrene	2	2	2	26.7	8.2	5.6	11	8.0-9.0
Arsenic	3	3	3	1,900	16	16	16	6.5-7.0
Barium	1	1	0	1,400	820	400	10000	10.5-11.0
Copper	0	1	0	580	1720	270	10000	10.5-11.0
Cyanide	1	1	0	140	40	27	10000	6.5-7.0
Lead	4	3	0	1,840	450	1000	3900	3.0-4.0
Mercury	8	5	1	6.5	0.73	2.8	5.7	6.5-7.0

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, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
ppm= parts per million

Table 2A
Groundwater Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9	UIC
			Sample Name	MW01_070821	MW02_070921	MW03_070921	MW04_070921	LB-1\TW-1 F_111221	LB-1\TW-1 U_111221	LB-2\TW-2 F_111221	LB-2\TW-2 U_111221	LB-3\TW-3 F_111221	LB-3\TW-3 U_111221	LB-4\TW-4 F_111221	LB-4\TW-4 U_111221	LB-6\TW-6 F_111221	LB-6\TW-6 U_111221	LB-7\TW-7_111221	LB-8\TW-8_111221	LB-9\TW-9_111221	UIC
			Sample Date	07/08/2021	07/09/2021	07/09/2021	07/09/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	NA
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	<0.64 U	<0.64 U	<6.4 UD	<0.5 U
1,2-Dichloropropane	78-87-5	**1**	ug/l	<0.2 U	**7**	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<40 U	<40 U	<40 U	<40 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	<50 U	<50 U	<500 UD	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<0.2 U	5.1	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
Acetone	67-64-1	50	ug/l	1 J	<1 U	3.5	10	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	12	5.3	12	<50 UD	28
Acrolein	107-02-8	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5 U
Benzene	71-43-2	1	ug/l	<0.2 U	0.48 J	<0.2 U	<0.2 U	NA	0.95	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<5 UD	<0.5 U
Bromobenzene	108-86-1	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Bromoform	75-25-2	50	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2 U
Bromomethane	74-83-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	1.5	NA	<1 U	NA	<1 U	NA	<1 U	NA	1.5	<1 U	1.6	<10 UD	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Chloroethane	75-00-3	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Chloroform	67-66-3	7	ug/l	0.87	<0.2 U	<0.2 U	<0.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U	<20 UD	<2.5 U
Chloromethane	74-87-3	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	<0.2 U	91	<0.2 U	0.5	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	NA
Cymene	99-87-6	5	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Ethylbenzene	100-41-4	**5**	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	**8.6**	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	<0.2 U	**5.1**	<0.2 U	0.21 J	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	**24 D**	<2.5 U
M,P-Xylene	179601-23-'	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Methyl Acetate	79-20-9	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	NA
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<0.2 U	<0.2 U	<0.2 U	1.2	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	1.6	<10 UD	2.9 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<5 U
Methylcyclohexane	108-87-2	NS	ug/l	<0.2 U	380 D	0.44 J	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	3	2,900 D	NA
Methylene Chloride	75-09-2	5	ug/l	<1 U	<1 U	<1 U	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Naphthalene	91-20-3	10	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<0.2 U	0.28 J	<0.2 U	0.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
n-Propylbenzene	103-65-1	**5**	ug/l	<0.2 U	**6**	<0.2 U	0.45 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	135-98-8	5	ug/l	<0.2 U	3.5	<0.2 U	0.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Styrene	100-42-5	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	0.27 J	0.92	<0.2 U	0.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tert-Butyl Methyl Ether	1634-04-4	**10**	ug/l	1.4	0.87	0.41 J	**73**	NA	5.9	NA	2.4	NA	4.4	NA	0.55	NA	<0.5 U	1.4	<0.5 U	<5 UD	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Toluene	108-88-3	**5**	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	**60**	<10 UD	**31**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<0.6 U	<0.6 U	<0.6 U	<0.6 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD	<1 U

Table 2A
Groundwater Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9	UIC
			Sample Name	MW01_070821	MW02_070921	MW03_070921	MW04_070921	LB-1\TW-1 F_111221	LB-1\TW-1 U_111221	LB-2\TW-2 F_111221	LB-2\TW-2 U_111221	LB-3\TW-3 F_111221	LB-3\TW-3 U_111221	LB-4\TW-4 F_111221	LB-4\TW-4 U_111221	LB-6\TW-6 F_111221	LB-6\TW-6 U_111221	LB-7\TW-7_111221	LB-8\TW-8_111221	LB-9\TW-9_111221	UIC
			Sample Date	07/08/2021	07/09/2021	07/09/2021	07/09/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	NA	NA	NA	NA	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	NA
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	NA
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<0.55 U	NA	<0.61 U	NA	<0.55 U	NA	<0.55 U	NA	<0.55 U	NA	NA	<0.61 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	3.11 J	NA	20	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	0.03 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
4-Methylphenol (P-Cresol)	106-44-5	NS	ug/l	NA	NA	NA	NA	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	NA
4-Nitroaniline	100-01-6	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<10 U
Acenaphthene	83-32-9	**20**	ug/l	0.472	1.11	0.554	0.21	NA	**53**	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	3.5	NA	NA	<2.2 U	0.05 J
Acenaphthylene	208-96-8	NS	ug/l	<0.0513 U	<0.05 U	0.215	0.05	NA	19	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	**50**	ug/l	<0.0513 U	0.11	0.677	0.13	NA	**73**	NA	3	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Atrazine	1912-24-9	7.5	ug/l	<0.513 U	<0.5 U	<0.513 U	<0.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	NA
Benzaldehyde	100-52-7	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	NA
Benzidine	92-87-5	5	ug/l	<10.3 U	<10 U	<10.3 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	<0.0513 U	<0.05 U	**0.564**	<0.05 U	NA	**63**	NA	**6.9**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	<0.0513 U	<0.05 U	**0.523**	<0.05 U	NA	**43**	NA	**6.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	<0.0513 U	<0.05 U	**0.369**	<0.05 U	NA	**44**	NA	**7.3**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	**0.03 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.0513 U	<0.05 U	0.277	<0.05 U	NA	18	NA	4.3	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	0.02 J
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	<0.0513 U	<0.05 U	**0.41**	<0.05 U	NA	**10**	NA	**2.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<25.6 U	<25 U	<25.6 U	<25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	3.7	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<0.513 U	<0.5 U	<0.513 U	<0.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	2.6	1.9 J
Caprolactam	105-60-2	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	13	NA	13	NA	<2 U	NA	25	NA	NA	<2.2 U	NA
Carbazole	86-74-8	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	2.6	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
Chrysene	218-01-9	**0.002**	ug/l	<0.0513 U	<0.05 U	**0.523**	<0.05 U	NA	**60**	NA	**5.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	**0.02 J**
Dibenzo(a,h)anthracene	53-70-3	NS	ug/l	<0.0513 U	<0.05 U	0.0923	<0.05 U	NA	5.5	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	4.8	NA	<0.76 U	NA	<0.68 U	NA	<0.68 U	NA	<0.68 U	NA	NA	<0.76 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<1.1 U	NA	<1.2 U	NA	<1.1 U	NA	<1.1 U	NA	<1.1 U	NA	NA	<1.2 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Fluoranthene	206-44-0	**50**	ug/l	<0.0513 U	<0.05 U	1.7	0.05	NA	**110**	NA	12	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	0.05 J
Fluorene	86-73-7	**50**	ug/l	<0.0513 U	<0.05 U	0.738	0.09	NA	**55**	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	0.04 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.0205 U	<0.02 U	<0.0205 U	<0.02 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.513 U	<0.5 U	<0.513 U	<0.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.513 U	<0.5 U	<0.513 U	<0.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	<0.0513 U	<0.05 U	**0.297**	<0.05 U	NA	**15**	NA	**3.3**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	**0.02 J**
Isophorone	78-59-1	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Naphthalene	91-20-3	**10**	ug/l	0.0615	0.09	0.246	1.57	NA	**17**	NA	1.3	NA	<0.5 U	NA	<0.5 U	NA	0.66	NA	NA	1.7	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<0.256 U	<0.25 U	<0.256 U	<0.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<0.513 U	<0.5 U	<0.513 U	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<0.64 U	NA	<0.71 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	NA	<0.71 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.256 U	<0.25 U	<0.256 U	<0.25 U	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U	0.13 J
Phenanthrene	85-01-8	**50**	ug/l	**0.0718**	0.12	1.81	0.49	NA	**220 D**	NA	10	NA	<2 U	NA	<2 U	NA	2	NA	NA	<2.2 U	0.08 J
Phenol	108-95-2	1	ug/l	<1.28 U	<1.25 U	<1.28 U	<1.25 U	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	<5 U
Pyrene	129-00-0	**50**	ug/l	0.0513	<0.05 U	1.11	0.06	NA	**170**	NA	13	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U	0.04 J
Pyridine	110-86-1	50	ug/l	<2.56 U	<2.5 U	<2.56 U	<2.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyl																					
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1336-36-3	0.09	ug/l	<0.0541 U	<0.0556 U	<0.0556 U	<0.0556 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 2A
Groundwater Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW03	MW04	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9	UIC
			Sample Name	MW01_070821	MW02_070921	MW03_070921	MW04_070921	LB-1\TW-1 F_111221	LB-1\TW-1 U_111221	LB-2\TW-2 F_111221	LB-2\TW-2 U_111221	LB-3\TW-3 F_111221	LB-3\TW-3 U_111221	LB-4\TW-4 F_111221	LB-4\TW-4 U_111221	LB-6\TW-6 F_111221	LB-6\TW-6 U_111221	LB-7\TW-7_111221	LB-8\TW-8_111221	LB-9\TW-9_111221	UIC
			Sample Date	07/08/2021	07/09/2021	07/09/2021	07/09/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	02/21/2022
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - Dissolved																					
Aluminum	7429-90-5	NS	ug/l	<55.6 U	<55.6 U	<55.6 U	<55.6 U	<200 U	NA	<200 U	NA	<200 U	NA	<200 U	NA	<200 U	NA	NA	NA	NA	NA
Antimony	7440-36-0	3	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	5.2	NA	4	NA	5.9	NA	3.3	NA	8.3	NA	NA	NA	NA	NA
Arsenic	7440-38-2	25	ug/l	7.34	<1.11 U	22.2	1.48	24	NA	4.2	NA	45	NA	5.3	NA	3.3	NA	NA	NA	NA	NA
Barium	7440-39-3	1000	ug/l	123	201	40.9	173	<50 U	NA	74	NA	85	NA	58	NA	<50 U	NA	NA	NA	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	NA	NA	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	191,000	157,000 B	95,000 B	109,000 B	56,000	NA	270,000	NA	290,000	NA	160,000	NA	76,000	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<2 U	NA	2.4	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Copper	7440-50-8	200	ug/l	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Iron	7439-89-6	300	ug/l	11,400	8,810	5,740	7,370	<300 U	NA	650	NA	<300 U	NA	<300 U	NA	<300 U	NA	NA	NA	NA	NA
Lead	7439-92-1	25	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<3 U	NA	<3 U	NA	<3 U	NA	<3 U	NA	<3 U	NA	NA	NA	NA	NA
Magnesium	7439-95-4	35000	ug/l	39,900	34,400	2,570	23,300	9,600	NA	21,000	NA	<5,000 U	NA	15,000	NA	<5,000 U	NA	NA	NA	NA	NA
Manganese	7439-96-5	300	ug/l	1,560	3,100	90.5	2,560	<40 U	NA	640	NA	<40 U	NA	81	NA	<40 U	NA	NA	NA	NA	NA
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	NA	NA	NA
Nickel	7440-02-0	100	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	22,800	19,300 B	102,000 B	9,370 B	21,000	NA	18,000	NA	72,000	NA	74,000	NA	14,000	NA	NA	NA	NA	NA
Selenium	7782-49-2	10	ug/l	1.94	5.22	1.16	8.49	<10 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	NA	NA	NA
Silver	7440-22-4	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	NA	NA	NA	NA
Sodium	7440-23-5	20000	ug/l	86,000	71,900	109,000	126,000	93,000	NA	95,000	NA	160,000	NA	310,000	NA	25,000	NA	NA	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Zinc	7440-66-6	2000	ug/l	<27.8 U	<27.8 U	<27.8 U	<27.8 U	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	NA	NA	NA	NA
Metals -Total																					
Aluminum	7429-90-5	NS	ug/l	<56.6 U	<55.6 U	3,060	157	NA	14,000	NA	37,000	NA	35,000	NA	55,000	NA	56,000	NA	NA	NA	NA
Antimony	7440-36-0	3	ug/l	1.18	<1.11 U	4.34	1.55	NA	7	NA	15	NA	22	NA	6.3	NA	5.5	NA	NA	NA	NA
Arsenic	7440-38-2	25	ug/l	7.51	<1.11 U	37.6	1.12	NA	72	NA	81	NA	340	NA	54	NA	26	NA	NA	NA	NA
Barium	7440-39-3	1000	ug/l	116	205	106	175	NA	460	NA	1,000	NA	2,300	NA	1,000	NA	730	NA	NA	NA	NA
Beryllium	7440-41-7	3	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	NA	<1 U	NA	4.3 D	NA	<5 UD	NA	<4 UD	NA	5.1 D	NA	NA	NA	NA
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	3.01	<0.556 U	NA	2.4	NA	10	NA	2.8	NA	<2 U	NA	<2 U	NA	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	191,000	159,000	100,000	110,000	NA	92,000	NA	630,000 D	NA	1,100,000 D	NA	780,000 D	NA	190,000	NA	NA	NA	NA
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	50	ug/l	<5.56 U	<5.56 U	14.3	<5.56 U	NA	100	NA	190	NA	190	NA	210	NA	320	NA	NA	NA	NA
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	14.3	<10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	<4.44 U	<4.44 U	<4.44 U	<4.44 U	NA	11	NA	94	NA	33	NA	33	NA	59	NA	NA	NA	NA
Copper	7440-50-8	200	ug/l	<22.2 U	<22.2 U	74.2	<22.2 U	NA	240	NA	940 D	NA	1,300 D	NA	460 D	NA	100	NA	NA	NA	NA
Iron	7439-89-6	300	ug/l	11,100	9,260	10,800	7,420	NA	54,000	NA	130,000	NA	120,000	NA	140,000	NA	210,000	NA	NA	NA	NA
Lead	7439-92-1	25	ug/l	<5.56 U	<5.56 U	419	<5.56 U	NA	420	NA	4,400 D	NA	6,600 D	NA	1,100	NA	560	NA	NA	NA	NA
Magnesium	7439-95-4	35000	ug/l	38,800	33,800	3,290	22,700	NA	17,000	NA	63,000	NA	55,000	NA	46,000	NA	24,000	NA	NA	NA	NA
Manganese	7439-96-5	300	ug/l	1,490	3,090	126	2,580	NA	400	NA	2,600	NA	1,500	NA	3,600	NA	4,300	NA	NA	NA	NA
Mercury	7439-97-6	0.7	ug/l	0.2	<0.2 U	0.4	<0.2 U	NA	1.2	NA	320 D	NA	19	NA	4.5	NA	<0.5 U	NA	NA	NA	NA
Nickel	7440-02-0	100	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	NA	<50 U	NA	150	NA	94	NA	89	NA	110	NA	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	22,300	20,500	102,000	9,400	NA	23,000	NA	23,000	NA	79,000	NA	84,000	NA	21,000	NA	NA	NA	NA
Selenium	7782-49-2	10	ug/l	<1.11 U	<1.11 U	1.88	1.11	NA	<10 U	NA	15	NA	28	NA	<10 U	NA	18	NA	NA	NA	NA
Silver	7440-22-4	50	ug/l	<5.56 U	6.74	<5.56 U	<5.56 U	NA	<1 U	NA	1.9	NA	4.4	NA	<1 U	NA	<1 U	NA	NA	NA	NA
Sodium	7440-23-5	20000	ug/l	79,400	67,100	95,400	110,000	NA	94,000	NA	100,000	NA	160,000	NA	310,000	NA	27,000	NA	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	NA	<50 U	NA	150	NA	120	NA	160	NA	310	NA	NA	NA	NA
Zinc	7440-66-6	2000	ug/l	<27.8 U	<27.8 U	228	<27.8 U	NA	830	NA	4,900	NA	840	NA	880	NA	650	NA	NA	NA	NA

Table 2A
Phase II Environmental Site Investigation
Groundwater Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 100965501

Notes:
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 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").
The criteria comparison for total metals (Chromium, Total) is provided for reference. The promulgated SGV shown is for hexavalent chromium.

Qualifiers
D - The concentration reported is a result of a diluted sample.
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds NYSDEC SGVs

Table 2B
Groundwater Sample Analytical Results

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte > AWQS	Detections > AWQS	Maximum Detection (ppb	AWQS (ppb)
1,2-Dichloropropane	1	7	1
Ethylbenzene	1	8.6	5
Isopropylbenzene (Cumene)	2	24	5
n-Propylbenzene	1	6	5
Tert-Butyl Methyl Ether	1	73	10
Toluene	2	60	5
Acenaphthene	1	53	20
Anthracene	1	73	50
Benzo(a)anthracene	3	63	0.02
Benzo(a)pyrene	3	43	0
Benzo(b)fluoranthene	4	44	0.002
Benzo(k)fluoranthene	3	10	0.002
Chrysene	4	60	0.002
Fluoranthene	1	110	50
Fluorene	1	55	50
Indeno(1,2,3-cd)pyrene	4	15	0.002
Naphthalene	1	17	10
Phenanthrene	1	280	50
Pyrene	1	170	50
Antimony	6	22	3
Arsenic	6	340	25
Barium	1	2,300	1000
Beryllium	2	5.1	3
Cadmium	1	10	5
Chromium, Total	5	320	50
Copper	4	1,300	200
Iron	9	310,000	300
Lead	6	6,600	25
Magnesium	4	63,000	35,000
Manganese	8	3,090	300
Mercury	4	320	0.7
Nickel	2	150	100
Selenium	3	28	10
Sodium	9	310,000	20,000
Zinc	1	4,900	2,000

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").
ppb= parts per billion

Table 3A
Vapor Sample Analytical Results- BCP Application Summary

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

SAMPLE ID:			NYSDOH Decision Matrix (IA)		NYSDOH Decision Matrix (SSV)		SSV01			IA01			SSV02			IA02			SSV03			IA03			SSV04			IA04			SSV05			IA05			AA01		
LAB ID:							L2225590-01			L2225590-06			L2225590-02			L2225590-07			L2225590-03			L2225590-08			L2225590-04			L2225590-09			L2225590-05			L2225590-10			L2225590-11		
COLLECTION DATE:							5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022			5/12/2022		
SAMPLE MATRIX:	CasNum	Units					SOIL_VAPOR			AIR			SOIL_VAPOR			AIR			SOIL_VAPOR			AIR			SOIL_VAPOR			AIR			SOIL_VAPOR			AIR			AMBIENT_AIR		
Volatile Organics in Air							Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL	Conc	Q	RL
Trichloroethene	79-01-6	ug/m3	0.2	1	6	60	ND		1.07	ND		0.107	**57**		1.07	ND		0.107	ND		**83.9**	ND		0.107	ND		1.07	ND		0.107	ND		1.07	ND		0.107	ND		0.107
cis-1,2-Dichloroethylene	156-59-2	ug/m3	0.2	1	6	60	ND		0.793	ND		0.079	ND		0.793	ND		0.079	ND		**61.9**	ND		0.079	ND		0.793	ND		0.079	ND		0.793	ND		0.079	ND		0.079
1,1-Dichloroethylene	75-35-4	ug/m3	0.2	1	6	60	ND		0.793	ND		0.079	ND		0.793	ND		0.079	ND		**61.9**	ND		0.079	ND		0.793	ND		0.079	ND		0.793	ND		0.079	ND		0.079
Carbon tetrachloride	56-23-5	ug/m3	0.2	1	6	60	ND		1.26	**0.585**		0.126	ND		1.26	**0.61**		0.126	ND		98.1	**0.591**		0.126	ND		1.26	**0.585**		0.126	ND		1.26	**0.579**		0.126	**0.604**		0.126
Tetrachloroethene	127-18-4	ug/m3	3	10	100	1000	15.3		1.36	0.373		0.136	**485**		1.36	0.414		0.136	ND		**106**	0.454		0.136	49.5		1.36	0.475		0.136	30.8		1.36	0.468		0.136	0.407		0.136
1,1,1-Trichloroethane	71-55-6	ug/m3	3	10	100	1000	3.2		1.09	ND		0.109	ND		1.09	ND		0.109	ND		85.1	ND		0.109	ND		1.09	ND		0.109	ND		1.09	ND		0.109	ND		0.109
Methylene chloride	75-09-2	ug/m3	3	10	100	1000	ND		1.74	ND		1.74	ND		1.74	ND		1.74	ND		**135**	ND		1.74	ND		1.74	ND		1.74	ND		1.74	ND		1.74	ND		1.74
Vinyl Chloride	75-01-4	ug/m3	0	0.2	6	60	ND		0.511	ND		0.051	ND		0.511	ND		0.051	**501**		39.9	ND		0.051	0.631		0.511	ND		0.051	ND		0.511	ND		0.051	ND		0.051

Notes:
D - indicates result is from an analysis that required a dilution
Bold indicates concentration above NYSDOH soil vapor/indoor air guidance concentrations
Indicated Indoor Air Results

Table 3B
Vapor Sample Analytical Results- BCP Application Summary

57-00, 57-05, and 58-20 47th Street
Block 2601, Lot 6, Block 2601, Lot 1, and Block 2602, Lot 72
Maspeth, Queens, New York
Langan Project No.: 100965501

Analytes	Total Detections	Maximum Detection (ug/m3)	Sample Type
cis-1,2-Dichloroethylene	1	61.9	Soil Vapor
1,1-Dichloroethylene	1	61.9	Soil Vapor
Carbon tetrachloride	6	0.61	Indoor Air Ambient Air
Tetrachloroethene	11	485	Soil Vapor
Methylene chloride	1	135	Soil Vapor
Vinyl Chloride	1	501	Soil Vapor

*Reporting Limit exceedances also included
ug/m3= Micrograms per cubic meter

ATTACHMENT F
SECTION V: REQUESTOR INFORMATION

ATTACHMENT F
SECTION V: REQUESTOR INFORMATION

Item 2 – Limited Liability Corporation Members/Owners

A copy of the entity information for 47th Street & 58th Road LLC (the Requestor) from the New York State Department of State Division of Corporations is included with this attachment. The Requestor is a foreign limited liability company, authorized to conduct business in New York State. 47th Street & 58th Road LLC is 100% owned by Prologis, L.P., a Delaware limited partnership (whose general partner is Prologis, Inc., a publicly traded real estate investment trust listed on the New York Stock Exchange under the ticker symbol: PLD). 47th Street & 58th Road LLC and Prologis, L.P. are a foreign limited liability company and a foreign limited partnership, respectively.

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: 47TH STREET & 58TH ROAD LLC
FOREIGN LEGAL NAME: 47TH STREET & 58TH ROAD LLC
ENTITY TYPE: FOREIGN LIMITED LIABILITY COMPANY
SECTIONOF LAW: LIMITED LIABILITY COMPANY - 802 LIMITED LIABILITY COMPANY LAW - LIMITED LIABILITY COMPANY LAW
DATE OF INITIAL DOS FILING: 11/04/2021
EFFECTIVE DATE INITIAL FILING: 11/04/2021
FOREIGN FORMATION DATE: 10/27/2021
COUNTY: ALBANY
JURISDICTION: DELAWARE, UNITED STATES

DOS ID: 6320527
FICTITIOUS NAME:
DURATION DATE/LATEST DATE OF DISSOLUTION:
ENTITY STATUS: ACTIVE
REASON FOR STATUS:
INACTIVE DATE:
STATEMENT STATUS: CURRENT
NEXT STATEMENT DUE DATE: 11/30/2023
NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process Name and Address

Name: C/O CORPORATION SERVICE COMPANY

Address: 80 STATE STREET, ALBANY, NY, UNITED STATES, 12207 - 2543

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

Farmcorpflag

ATTACHMENT G
SECTION VI: REQUESTOR ELIGIBILITY

ATTACHMENT G
SECTION VI: REQUESTOR ELIGIBILITY

Item 13: BCP Volunteer Statement

The Requestor is seeking to enter the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP) as a Volunteer. Based on the following information, the Requestor qualifies as a Volunteer. Prior to purchasing the property, the Requestor performed Phase I Environmental Site Assessment (ESA) using the guidelines and limitations of the following: 1) ASTM International's (ASTM) E1527-13 (Standard Practice for ESAs: Phase I ESA Process (and subsequent amendments thereto)), and 2) the United States Environmental Protection Agency's (USEPA) 2006 standards for All Appropriate Inquiry (AAI) Rule (40 CFR Part 312). Also prior to purchasing the property, the Requestor performed a Phase II Environmental Site Investigation (ESI) to supplement existing subsurface data generated by others and summarized in the Phase I ESA. The Phase II ESI identified potential sources of contamination at the property that have been further evaluated and/or addressed by the Requestor post-closing.

The Requestor meets the requirements of a Volunteer as defined by New York Consolidated Laws, Environmental Conservation Law- ENV 27-1405 1 (b). The Requestor has the following relationship to the site in that (ii) all disposals/releases of hazardous substances occurred prior to the time of ownership and (iii) the Requestor does not have affiliation with potentially responsible parties. The Requestor's liability would arise solely as a result of ownership or involvement with the redevelopment of the site.

Since title was transferred to 47th Street & 58th Road LLC on December 30, 2022, it has exercised appropriate care by vacating the site of prior operators, maintaining the Order of Consent wetland area and buffer zone and investigating and removing two underground storage tanks (USTs). Geophysical and utility subsurface investigations were completed on-site to evaluate the location of underground utility lines and other structures including underground injection control (UIC) units. Two UIC structures were identified on the 57-05 parcel (Block 2602, Lot 72). The northern UIC structure was identified to be connected to the interior trench drains. Currently, no operations are conducted on-site and water is not being conveyed to the UIC structure from the interior trench drains. Sludge and liquids within the UIC structures located on the 57-05 parcel (Block 2602, Lot 72) is planned for removal in July 2022. Cleaning and sealing of the on-site trench drains located at the 57-00 and 57-05 parcels (Block 2601, Lot 6 and Block 2602, Lot 72) and oil/water separator located at the 57-00 parcel (Block 2601, Lot 6) will also be completed at this time. The Site is currently unoccupied, previous operations ceased approximately June 29, 2021.

Following acceptance of the property to the BCP program, the Requestor will continue to exercise appropriate care by implementing the requirements of the BCP. As such, the Requestor qualifies as a Volunteer.

Former Site Owners:

The following table is based on review of records obtained from the New York City Department of Finance Automated City Register Information System (ACRIS).

Date	**Owner**	**Relationship to Requestor**
57-00 and 58-20 Parcels (Block 2601; Lots 6 & 1)		
4/30/1988	Island Transportation Corporation *570 Gardner Avenue* *Brooklyn, NY 11222*	None
4/30/1988-11/13/2020	57-00 Maspeth Avenue, LLC *248-22 Brookville Boulevard* *Rosedale, NY 11422*	None
11/13/2020-11/17/2020	RL Family Property Owner, LLC EL Family Property Owner, LLC SLMJL Family Property Owner, LLC *248-22 Brookville Boulevard* *Rosedale, NY 11422*	None
11/17/2020-12/30/2021	RL Family Property Owner, LLC *248-22 Brookville Boulevard* *Rosedale, NY 11422*	None
12/30/2021-Present	47th Street & 58th Road LLC *Pier 1, Bay 1* *San Francisco, CA 9411* *415.733.9574*	Requestor
57-05 Parcel (Block 2602; Lot 72)		
1/4/1973	LECO Distributors, Inc. *57-05 47th Street* *Maspeth, NY 11378*	None

Date	Owner	Relationship to Requestor
57-05 Parcel (Block 2602; Lot 72)		
1/4/1973-11/9/1983	Laurent Associates, Inc. Andrew Libasci Here Realty, Inc. Edward N. Slade *42-08 Bell Boulevard* *Bayside, NY 11361*	None
11/9/1983-5/31/2006	Alfredo Lamanna *3 Devine Street* *Lynbrook, NY 11563*	None
5/31/2006-11/13/2020	FUMO, LLC *57-00 47th Street* *Maspeth, NY 11378*	None
11/13/2020-11/13/2020	RL Family Property Owner, LLC *248-22 Brookville Boulevard* *Rosedale, NY 11422*	None
11/13/2020-12/30/2021	RL Family Property Owner, LLC EL Family Property Owner, LLC SLMJL Family Property Owner, LLC *248-22 Brookville Boulevard* *Rosedale, NY 11422*	None
12/30/2021-Present	47th Street & 58th Road LLC *Pier 1, Bay 1* *San Francisco, CA 9411* *415.733.9574*	Requestor

Former Site Occupants:

The table below is based on review of City Directory; Sanborn Maps; Google Street View imagery; NY Department of State Division of Corporations, Securities and Exchange Commission filings; site interviews; recoded deeds and leases; and a title search along with standard internet searches. In addition, other sources which were utilized but produced duplicative information include ACRIS, OASIS (Department of Buildings, Department of Finance, and Zoning and Land Use). All sources utilized with the exception of Sanborn Maps were unable to identify historical owners/operators prior to the 1970s.

Reference Item	Operational Years	Occupant	Contact Information	Relationship to Requestor
57-00 and 58-20 Parcels (Block 2601; Lots 6& 1)				
1	December 2021-Present	Not Applicable- Vacant	47th Street & 58th Road LLC Pier 1, Bay 1 San Francisco, CA 9411 415.733.9574	Requestor
2	June 2021-December 2021	Not Applicable- Vacant	248-22 Brookville Boulevard Rosedale, NY 11422 516.361.8838	None
3	2003-June 2021	NYC Concrete Materials AKA Pebble Lane Associates, LLC	475 Market Street, Suite 300 Elmwood Park, NJ 07407 713.499.6200	None
4	2013-2017	Queen's Truck Auto Center (Repair shop)	No Return	None
5		Sky Materials	PO Box 302 Calverton, NY 11933 718.456.8090	None
6	2013-2015	Rizzo Environmental Services	1605 Lakeview Drive Hewett, NY 11557	None
7	1995-2012	Island Transportation	299 Edison Avenue Farmingdale, NY 11735 631.694.4490	None
8	2000-2005	Alfredo Lamanna Trucking Inc.	248-22 Brookville Boulevard Rosedale NY 11422 718.456.8636	None
9		Brookville Enterprises, Inc.	No longer in business	None
10		Almar Supplies, Inc.	248-22 Brookville Boulevard Rosedale NY 11422 718.456.8636	None
11	1991	United Leasing Corp.	247-32 Jericho Turnpike Bellerose Village, NY, 11001	None
12	1976	Fruehauf Trailer Corporation	No longer in business	None
13	1914-1936	Valvoline Oil Co.	3499 Dabney Drive Lexington, KY 40509	None
14	1902-1914	Moller and Co's. Fertilizer and Rendering Works	No longer in business	None
57-05 Parcel (Block 2602; Lot 72)				
15	December 2021-Present	Not applicable- Vacant	47th Street & 58th Road LLC Pier 1, Bay 1 San Francisco, CA 9411 415.733.9574	Requestor
16	Spring 2021-December 2021	Not applicable- Vacant	248-22 Brookville Boulevard Rosedale, NY 11422 516.361.8838	None
17	2020-May 2021	Marshark Craft NYC	1950 Steinway Street New York, NY 11105 646.705.2656	None
18	2011-2017	Almar Supplies, Inc.	248-22 Brookville Boulevard Rosedale NY 11422 718.456.8636	None
19	2005	Sagana Industries	No longer in business	None
20	2000	Office Depot Stlt	No Return	None
21	1983	Arflo Trucking Inc.	No longer in business	None
22		Queens Motor Transportation	No Return	None
23	1967-1970	Taynton HW Co. Inc. (Freight systems)	No longer in business	None
24	1914-1936	Valvoline Oil Co.	3499 Dabney Drive Lexington, KY 40509	None

Reference Items:

Below is a list of sources which were utilized to determine information in the table above:

1. Recorded deed
2. Site visit and interview with Site contact
3. Recoded lease
4. Google Street View photograph from this time period
5. Google Street View photograph from this time period and internet search verification
6. Google Street View photograph from this time period and internet search verification
7. Recoded deed and lease
8. City Directory
9. City Directory
10. City Directory
11. City Directory
12. City Directory
13. Sanborn Maps
14. Sanborn Maps
15. Recorded deed
16. Site visit and interview with Site contact
17. Google Street View photograph from this time period and internet search verification
18. Google Street View photograph from this time period and internet search verification
19. City Directory
20. City Directory
21. City Directory
22. City Directory
23. City Directory
24. Sanborn Maps

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 30 day of December, 2021,

BETWEEN

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, collectively, party of the first part, and

47TH STREET & 58TH ROAD LLC, a Delaware limited liability company, having an address at c/o Prologis, Inc., 1800 Wazee Street, Suite 500, Denver, Colorado, 80202,

party of the second part.

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

Tax Map Designation:

Block: 2601
Lot(s): 6
Queens County
Section: 14

Address:
57-00 47th St.,
Maspeth, NY

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated November 12, 2020 and recorded November 20, 2020 in the Office of the City Register of the City of New York at CRFN 2020000326467.

[End of Text; Signature Page to Follow]

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 30 day of December, 2021,

BETWEEN

EL FAMILY PROPERTY OWNER LLC, a New York limited liability company, and **SLMJL FAMILY PROPERTY OWNER LLC**, a New York limited liability company, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

collectively, party of the first part, and

47TH STREET & 58TH ROAD LLC, a Delaware limited liability company, having an address at c/o Prologis, Inc., 1800 Wazee Street, Suite 500, Denver, Colorado, 80202,

party of the second part.

Tax Map Designation:

Block: 2601
Lot(s): 1
Queens County
Section: 14

Address:
58-20 47th St.,
Maspeth, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL of their rights, title and interest in that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated November 13, 2020 and recorded November 20, 2020 in the Office of the City Register of the City of New York at CRFN 2020000326471

[End of Text; Signature Page to Follow]

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

FUMO, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2602
Lot(s): 72
Queens County
Section: 14

Address:
57-05 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated May 31, 2006 and recorded September 26, 2006 in the Office of the City Register of the City of New York at CRFN 2006000542059.

[End of Text; Signature Page to Follow]

ATTACHMENT H
SECTION XI: CONTACT LIST INFORMATION

ATTACHMENT H
SECTION XI: CONTACT LIST INFORMATION

Chief Executive Officer
Mayor Eric Adams
City Hall
260 Broadway
New York, NY 10007

New York City Planning Commission
Allen P. Cappelli, Esq., Commissioner
Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Borough of Queens, Borough President
Donovan Richards, Jr.
120-55 Queens Boulevard
Queens, NY 11424

Residents, owners, and occupants of the site and properties adjacent to the site:

Site Owner:
47th Street & 58th Road LLC
c/o Prologis, Inc.
Pier 1 Bay 1
San Francisco, CA 94111
415.733.9574

Adjacent Property Owners and Tenants:
NYC Department of Sanitation Queens West 5 Garage
47-01 48th Street
Queens, NY 11377
718.326.9803
Owner: NYC Department of Sanitation
125 Worth Street
New York, NY 10013

Mixed Tenant Warehouse Space
57-47 47th Street
Queens, NY 11377
LaserShip: 804.414.2590
Owner: 57-47 47th Street Associates, LLC

Former Delicatessen
57-57 47th Street
Queens, NY 11377
No telephone number
Owner: 47th Street & 58th Road LLC

Newtown Creek Aeration Facility
58-26 47th Street
Queens, NY 11377
718.595.7000
Owner: NYC Department of Environmental Protection

Local news media from which the community typically obtains information

The Queens Ledger
45-23 47th Street
Woodside, NY 11377
718.639.7000

Public Water Supply

The responsibility for supplying water in New York City (NYC) is shared between the NYC Department of Environmental Protection (NYCDEP), the NYC Municipal Water Finance Authority, and the NYC Water Board:

NYCDEP
Vincent Sapienza, Commissioner
59-17 Junction Boulevard, 13th Floor
Flushing, NY 11373

NYC Municipal Water Finance Authority
255 Greenwich Street, 6th Floor
New York, NY 10007

NYC Water Board
Department of Environmental Protection
59-17 Junction Boulevard, 8th Floor
Flushing, NY 11373

Any person who has requested to be placed on the contact list:

We are unaware of any requests for inclusion on the contact list at this time.

Schools and Day Care Facilities

There are no schools or day care facilities located on the site or within ½-mile of the site.

Document Repositories:

Vincent Arcuri, Jr.
Chairperson
Queens Community Board 5
61-23 Myrtle Avenue
Queens, NY 11385
Phone: (718) 366-1834
qn05@cb.nyc.gov

Usha Pinto
Branch Manager
Queens Public Library – Maspeth Branch
69-70 Grand Avenue
Queens, NY 11378
(718) 639-5228
Usha.pinto@queenslibrary.org

Letters received from the repositories acknowledging that they agree to act as document repositories for the BCP project are included in this attachment.

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

31 March 2022

Usha Pinto
Branch Manager
Queens Public Library- Maspeth Branch
69-70 Grand Avenue
Queens, NY 11378

Re: Brownfield Cleanup Program Application
57-00, 57-05, and 58-20 47th Street (the "site")
Block 2601, Lots 6 and 1; Block 2602, Lot 72
Maspeth, Queens, NY 11378

Dear Ms. Pinto,

We represent 47th Street & 58th Road LLC in their anticipated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application for the above-referenced 3.74-acre site that is comprised of Queens Borough (Queens County) Tax Block 2601, Lots 6 and 1; Block 2602, Lot 72. The Site is located in the Maspeth neighborhood of Queens. It is a NYSDEC requirement that we supply them a letter certifying that the Queens Public Library Maspeth Branch is willing and able to serve as a public repository for all documents pertaining to the cleanup of this property. Following NYSDEC review of each document, Langan will provide the Queens Public Library Maspeth Branch with a link or CD containing the files, which it will make available to the public for the duration of the site's involvement with the BCP. Please sign below if you are able to certify that your library would be willing and able to act as the temporary public repository for this BCP project.

Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Rebekah Diehl
Senior Staff Scientist

Yes, the Queens Public Library Maspeth Branch is willing and able to act as a public repository on behalf of 47th Street & 58th Road LLC in their cleanup of the site under the NYSDEC BCP.

USHA PINTO
(Name)

4/22/22
(Date)

COMMUNITY LIBRARY MANAGER
(Title)

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

31 March 2022

Vincent Arcuri, Jr.
Queens Community Board 5
61-23 Myrtle Avenue
Queens, NY 11385

Re: Brownfield Cleanup Program Application
57-00, 57-05, and 58-20 47th Street (the "site")
Block 2601, Lots 6 and 1; Block 2602, Lot 72
Maspeth, Queens, NY 11378

Dear Mr. Arcuri,

We represent 47th Street & 58th Road LLC in their anticipated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application for the above-referenced 3.74-acre site that is comprised of Queens Borough (Queens County) Tax Block 2601, Lots 6 and 1; Block 2602, Lot 72. The Site is located in the Maspeth neighborhood of Queens. It is a NYSDEC requirement that we supply them a letter certifying that the local community board is willing and able to serve as a public repository for all documents pertaining to the cleanup of this property. Following NYSDEC review of each document, Langan will provide the local community board with a link or CD containing the files, which it will make available to the public for the duration of the site's involvement with the BCP. Please sign below if you are able to certify that your community board would be willing and able to act as the temporary public repository for this BCP project.

Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Rebekah Diehl
Senior Staff Scientist

Yes, the Queens Community Board 5 is willing and able to act as a public repository on behalf of 47th Street & 58th Road LLC in their cleanup of the site under the NYSDEC BCP.

Gary Giordano Gary Giordano
(Name)

4/22/2021
(Date)

District Manager
(Title)