June 13, 2022

Brett Richer
47th Street & 58th Road, LLC
c/o Prologis, Inc.
Pier 1, Bay 1
San Francisco, California 94111

RE: Underground Storage Tank Removal and Underground Injection Control Unit Sampling
57-05 47th Street
Maspeth, Queens, New York
Langan Project No. 100965501

Dear Mr. Richer,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is pleased to provide this letter to summarize underground storage tank (UST) removal and underground injection control (UIC) unit sampling activities. Activities were completed at 57-05 47th Street in Maspeth, Queens, New York (Block 2602, Lot 72); herein referred to as the Site.

One 550-gallon UST and one 3,500-gallon UST were encountered and subsequently removed on February 21, 2022. Excess tank contents, waste generated during decommissioning, and cleaned UST carcasses were disposed of off-site. These USTs were added to the existing petroleum bulk storage (PBS) registration for the facility (PBS Site No. 2-350001); the PBS registration is included as **Attachment A**. New York City Fire Department (FDNY) tank removal affidavits are included in **Appendix B**. Waste disposal manifests are included in **Appendix C**. Sampling locations and a summary of laboratory results for endpoint samples collected after UST removals are shown on **Figure 1.** Sampling location and summary of laboratory results for the UIC structure are shown on **Figure 2**. A more detailed summary of laboratory results are included as **Tables 1** through **5**.

Underground Storage Tank Removal and Sampling Activities

<u>UST 002 (550-gallon Waste Oil)</u>

- On February 21, 2022, AARCO Environmental Services, Inc. (AARCO) mobilized to the Site and removed a 550-gallon waste oil UST (UST 002) from the western side of the Site. During the removal process, it was observed that the tank had previously been abandoned in-place. Some discolored soils were observed above of the tank. Stained soils were

segregated separately from clean soils that were removed from above the tank and a soil sample (PRE-EX) was collected from the stained material for laboratory analysis.

- The sample was analyzed for target compound list volatile organic compounds plus 15 tentatively identified compounds (TCL VOC+15) via EPA Method SW846 8260C, semi-volatile organic compounds plus 20 tentatively identified compounds (SVOC+20) via EPA Method SW846 8270D, target compound list (TCL) metals via EPA Method SW846 16010D and 17471B, and polychlorinated biphenyls (PCBs) via EPA Method SW846 18082A.

    - Analytical results from the PRE-EX soil sample obtained from the discolored soil did not contain concentrations of VOCs, SVOCs, PCBs, and metals greater than the NYSDEC Part 375 Restricted Use Commercial Soil Cleanup Objectives (Commercial SCOs), the Restricted Use Industrial Soil Cleanup Objectives (Industrial SCOs), or Commissioner Policy 51 Soil Cleanup Guidance (CP-51) SCOs. A summary of these results is included as **Table 1**.

- Once the UST was removed, evidence of a discharge from the sides and bottom of the tank was not identified. The UST was identified to be in good condition with no corrosion holes observed. Approximately 550 gallons of water and approximately 5 gallons of sludge were removed from the tank and disposed off-site.

- After the UST carcass was removed from the ground, soil samples were collected from the center base and side walls of the excavation at the tank invert. All samples were analyzed for TCL VOC+15, SVOCs+20, TAL Metals, and PCBs via the EPA methods outlined above.

    - Analytical results indicate that the post UST removal soil samples did not contain concentrations of VOCs, SVOCs, PCBs, and metals greater than the NYSDEC Commercial SCOs, Industrial SCOs, or CP-51 SCOs. All samples contained detectable concentrations of metals and SVOCs. Refer to **Table 1** for a results summation.

- Following soil sample collection, the excavation was backfilled with unimpacted overburden and clean fill brought to the Site. Discolored overburden was segregated and stockpiled for offsite disposal. On March 11, 2022, the excavation area was restored with concrete.

UST 003 (3,500-gallon Diesel)

- On February 21, 2022, AARCO mobilized to the Site and removed a 3,500-gallon diesel UST (UST 003) from the northeastern portion of the Site. During the removal process, a hole cut into the top of the tank was observed, indicating the tank had previously been abandoned in place. Additionally, the UST had been filled with soil, presumably during the prior abandonment activities.

- This tank was located inside concrete encasement. The top portion of the encasement had been removed as part of previous abandonment measures. The encasement walls were either fully or partially demolished to allow for tank removal/soil sampling activities.

- The UST was noted to be in good condition and free of corrosion holes. Approximately 2,550-gallons of water was removed from the tank with a vacuum truck and disposed off-site. Oily sludge and soil utilized to previously abandon the tank was drummed and disposed of off-site.

- Once the UST and encasement was removed, evidence of a discharge was observed on the sides and beneath the tank. Soil staining was identified on all sides and bottom of the tank excavation. Elevated photoionization detector (PID) readings were identified on the northern, eastern, southern, and center portions of the excavation.

- Soil samples were collected from the center base and the four side walls at the invert of the tank. Samples were analyzed for CP-51 parameters which include select VOCs via EPA method SW846 8260C and SVOCs via EPA method SW846 8270D.

    - Analytical results indicated a detectable amount of xylenes in sample USTB-3. Xylene (m/p and total) concentrations were below the Part 375 Commercial and Industrial SCOs but greater than CP-51 Fuel Oil and Gasoline SCOs.

    - 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 their respective Commercial and Industrial SCOs. Additionally, this sample contained benzo(k)fluoranthene, chrysene, and phenanthrene at concentrations greater than their respective CP-51 Fuel Oil SCOs. A summary of these results is included as **Table 2**.

- The detections of xylene and SVOC, together with the PID readings within the tank excavation, were indicative of a petroleum release, therefore NYSDEC was contacted. Spill No. 2110517 was assigned to this incident.

Underground Injection Control Unit Sampling Activities

- A sludge sample was collected from within a UIC structure on February 22, 2022. The sample was analyzed for TCL VOCs, TCL SVOCs, and toxicity characteristics leaching procedure (TCLP) Resource Conservation and Recovery Act (RCRA) 8 metals.
    - Analytical results indicated the following compounds were detected in sludge within the UIC: 1,2,4-trimethylbenzene, 2-hexanone, methyl ethyl ketone, acetone, cymene, toluene, bis(2-ethylhexyl) phthalate, and dibutyl phthalate. TCLP results indicate the sludge is not considered a characteristic hazardous waste for metals. Sludge results compared to the Environmental Protection Agency (EPA) RCRA 8 metals is included as **Table 3** and a table with detections only is included as **Table 4**.

- A liquid sample was collected from within the UIC structure on February 21, 2022. The sample was analyzed for TCL VOCs and TCL SVOCs with select ion monitoring (SIM).
    - Analytical results indicated liquids within this structure contained acetone, methyl ethyl ketone, toluene, 2-methylnaphthalene, acenaphthalene, benzo(b)fluoranthene, benzo(g,h,i)perylene, bis(2-ethylhexyl) phthalate, chrysene, fluoranthene, fluorene, ideo(1,2,3-cd)pyrene, pentachlorophenol, phenanthrene, and pyrene. A summary of these results is included as **Table 5.**

Please contact us at 973-524-8124 with any questions.

Sincerely,

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

Alan Arico, LSRP
Senior Project Manager

Mimi S. Raygorodetsky
Principal/Vice President

ATTACHMENT A
PBS APPLICATION

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number: 2-350001

Return Completed Form & Fees To:

Expiration Date:

Section A - Facility/Property Owner/Contact Information

Transaction Type: 2/3

1) Initial/New Facility
2) Change of Ownership
3) Tank Installation, Closing, or Repair
4) Information Correction
5) Renewal

FACILITY

Facility Name: 57-05 47th Street

Tax Map Info

Facility Address (Physical Address, No P.O. Boxes): 57-05 47th Street

Block: 2602

Facility Address (cont.):

Lot 72

City: Maspeth | State: NY | ZIP Code: 11378

County: Queens | Township/City: | Facility Phone Number:

Facility Operator: 47th Street & 58th Road LLC

TYPE OF PETROLEUM FACILITY (Check only one)

- ☐ 01=Storage Terminal/Petrol. Distributor
- ☐ 02=Retail Gasoline Sales
- ☐ 03=Other Retail Sales
- ☐ 04=Manufacturing
- ☐ 05=Utility
- ☐ 06=Trucking/Transportation/Fleet
- ☐ 07=Apartment/Office Building
- ☐ 08=School
- ☐ 09=Farm
- ☐ 10=Private Residence
- ☐ 11=Airline/Air Taxi/Airport
- ☐ 12=Chemical Distributor
- ☐ 13=Municipality
- ☐ 15=Railroad
- ☐ 25=Auto Service/Repair (No Gasoline Sales)
- ☐ 28=Cemetery/Memorial
- ☐ 26=Religious (Church, Synagogue, Mosque, Temple, etc.)
- ☐ 27=Hospital/Nursing Home/Health Care
- ☐ 52=Marina
- 53=Nuclear Power Plant
- ☑ 99=Other (Specify): Wholesale Masonry, Equipment, and Supply

Emergency Contact Name: | Emergency Telephone Number:

NOTE:

Fill in Property Owner information here....>>>

Indicate Tank Owner in Section C.

OWNER

Facility (Property) Owner (from Deed): 47th Street & 58th Road LLC

Facility Owner Address (Street and/or P.O. Box): Pier 1, Bay 1

City: San Francisco | State: CA | ZIP Code: 94111

Owner Telephone Number: (415) 733 - 9574

Type of Owner (check only one):

- 1 ☐ Private Resident
- 2 ☐ State Government
- 3 ☐ Local Government
- 4 ☐ Federal Government
- 5 ☑ Corporate/Commercial/Other

I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.

Name of Owner or Authorized Representative: Brett Richer | Amount Enclosed: $ 300

Title: Director, Global Engineering and Environmental Services

Signature: | Date:

CORRESPONDENCE

(Please keep this information up to date.)

Facility Contact Person Name: Brett Richer

Contact Person Company Name: 47th Street & 58th Road LLC

Address: Pier 1, Bay 1

Address (cont.):

City/State/ZIP Code: San Francisco, California, 94111

Tel. Number: (415) 733 - 9574 | eMail Address: bricher@prologis.com

Official Use Only
Date Received: ____/____/____
Date Processed: ____/____/____
Amount Received: $_____
Reviewed By: _____

Rev. 6/26/2019

PBS Number:
2-350001

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

(1) Action	(2) Tank Number	(3) Tank Location	(4) Status	(5) Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) **Application will be returned if blank**	(6) Capacity (Gallons)	(7) Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	(8) Tank Type	(9) Tank Internal Protection	(10) Tank External Protection	(11) Tank Secondary Containment	(12) Tank Leak Detection	(13) Tank Overfill Prevention	(14) Tank Spill Prevention	(15) Pumping/Dispensing Method	(16) Piping Location	(17) Piping Type	(18) Piping External Protection	(19) Piping Secondary Containment	(20) Piping Leak Detection	(21) Under Dispenser Containment (UDC) (Check box if present)
3	001	5	3	12/01/1998	4500	0008	01	00	00	04	05	00	00	00	00	00	00	00	00	☐
3	002	5	3	2/21/2022	550	0022	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
3	003	5	3	2/21/2022	3500	0008	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐
																				☐

Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.
Blank Section B is available at http:/www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf

PBS Number:

Petroleum Bulk Storage Application

Section C - Tank Ownership Information (for PBS tanks listed in Section B

Tank Owner Information

☑ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☐ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

Tank Owner Information

☐ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☐ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

PETROLEUM BULK STORAGE APLICATION - SECTION B - TANK INFORMATION - CODE KEYS

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodiesel (Heating)
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jet Fuel (Biofuel)
2641. Aviation Gasoline

Emergency Generator Fuels

0001. #2 Fuel Oil
2730. Biodiesel (E-Gen)
2731. Diesel (E-Gen)

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (AST Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (UST Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (AST Only)
10. Impervious Underlayment (AST Only)**
11. Double Bottom (AST Only)**
12. Double-Walled (AST Only)
99. Other - Please list*

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank
06. Impervious Barrier/Concrete Pad (AST Only)
07. Statistical Inventory Reconciliation (SIR)
08. Weep holes in vaults with no access for inspection
99. Other-Please list: *

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (AST Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)
99. Other-Please list: *

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
10. Statistical Inventory Reconciliation (SIR)
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- - - - - - - - - - - - - -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

ATTACHMENT B
FDNY TANK REMOVAL AFFIDAVIT

AARCO Environmental Services Corp.

Date: 16-Mar-22

New York City Fire Department
Bureua of Fire Prevention
9 MetroTech Center
Brooklyn, NY 11201

**** AFFIDAVIT ****

Site Location: 57-05 47th Street, Maspeth, Queens NY 11378
Job Description: Removal of One (1) 550 Gallon Waste Oil Underground Storage Tanks

In accordance with Title 3 RCNY at 21-02 and FDNY Code R3404-01:
I have supervised the permanent removal of: (1) 550 Gallon Underground Storage Tank(s) at: 57-05 47th Street, Maspeth, Queens NY 11378

- Contents of tank(s) were removed and legally disposed of.
- Tanks were thorougly cleaned and rendered free of combustible vapors.
- All pipes were removed.
- Fill ports were removed/abandoned with concrete/capped.
- Work was performed on: 21-Feb-22 through 3/11/2022
- Tanks was: Removed
- Environmental site assessment has been performed in accordance with the requirements of federal or state law/regulations.

Roger Terlaga

New York City Underground Tank Installer
Certified of License # 85314227, expiration: 7/ 7/22/2023

Sworn before me this 16 day of Mar-22

Pamela DiTommaso
Notary Public

Pamela DiTommaso
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01PI6140141
Qualified in Suffolk County
Commission Expires January 23, 2026

50 Gear Avenue, Lindenhurst, NY 11757 Phone: (631) 586-5900 Fax: (631) 586-5910

AARCO Environmental Services Corp.

Date: 16-Mar-22

New York City Fire Department
Bureua of Fire Prevention
9 MetroTech Center
Brooklyn, NY 11201

**** AFFIDAVIT ****

Site Location: 57-05 47th Street, Maspeth, Queens NY 11378
Job Description: Removal of One (1) 3,500 Gallon Fuel Oil Underground Storage Tanks

In accordance with Title 3 RCNY at 21-02 and FDNY Code R3404-01:
I have supervised the permanent removal of: (1) 3,500 Gallon Underground Storage Tank(s) at: 57-05 47th Street, Maspeth, Queens NY 11378

- Contents of tank(s) were removed and legally disposed of.
- Tanks were thorougly cleaned and rendered free of combustible vapors.
- All pipes were removed.
- Fill ports were removed/abandoned with concrete/capped.
- Work was performed on: 21-Feb-22 through 3/11/2022
- Tanks was: Removed
- Environmental site assessment has been performed in accordance with the requirements of federal or state law/regulations.

Roger Terlaga

New York City Underground Tank Installer
Certified of License # 85314227, expiration: 7/ 7/22/2023

Sworn before me this 16 day of Mar-22

Pamela DiTommaso

Notary Public

Pamela DiTommaso
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01PI6140141
Qualified in Suffolk County
Commission Expires January 23, 2026

50 Gear Avenue, Lindenhurst, NY 11757 Phone: (631) 586-5900 Fax: (631) 586-5910

ATTACHMENT C
WASTE DISPOSAL MANIFESTS

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	N/A	1	631-586-5900	NHWM11123-B

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)
57-05 47TH STREET
MASPETH, NY 11378

Generator's Phone:

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
631-393-2882
U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-REGULATED MATERIAL – TANK BOTTOMS (oily/water)	001	T/T	3150	GALS
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1. APPROVAL NO. 2022-006
JOB NO. 11123 | TRUCK NO. 1654

NO18
N/A

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: (X) Agent on Behalf of Prologis - Langan Rebekah Diehl — Signature: (X) — Month 2 Day 21 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gerard Sallows — Signature — Month 2 Day 21 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY TO GENERATOR

print or type
designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: N/A
2. Page 1 of
3. Emergency Response Phone: 586-5400
4. Waste Tracking Number: NHWM 1123

5. Generator's Name and Mailing Address: LANgan 57-07 47th St Engineering maspeth NY 11378
Generator's Phone: 973-560-4613
Generator's Site Address (if different than mailing address): same

6. Transporter 1 Company Name: AARCO Environmental
U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: 179 Dale St Dale Transfer corp west Babylon 11704
Facility's Phone: 631 393-2881
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON Regulated / Tank Bottom	003	DM	1,500	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
truck # B40
Appral # 2027-101

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Preston Lai as Agent of Generator (Pdogis) | Signature | Month 5 | Day 10 | Year 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bryan Bout | Signature | Month 3 | Day 10 | Year 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

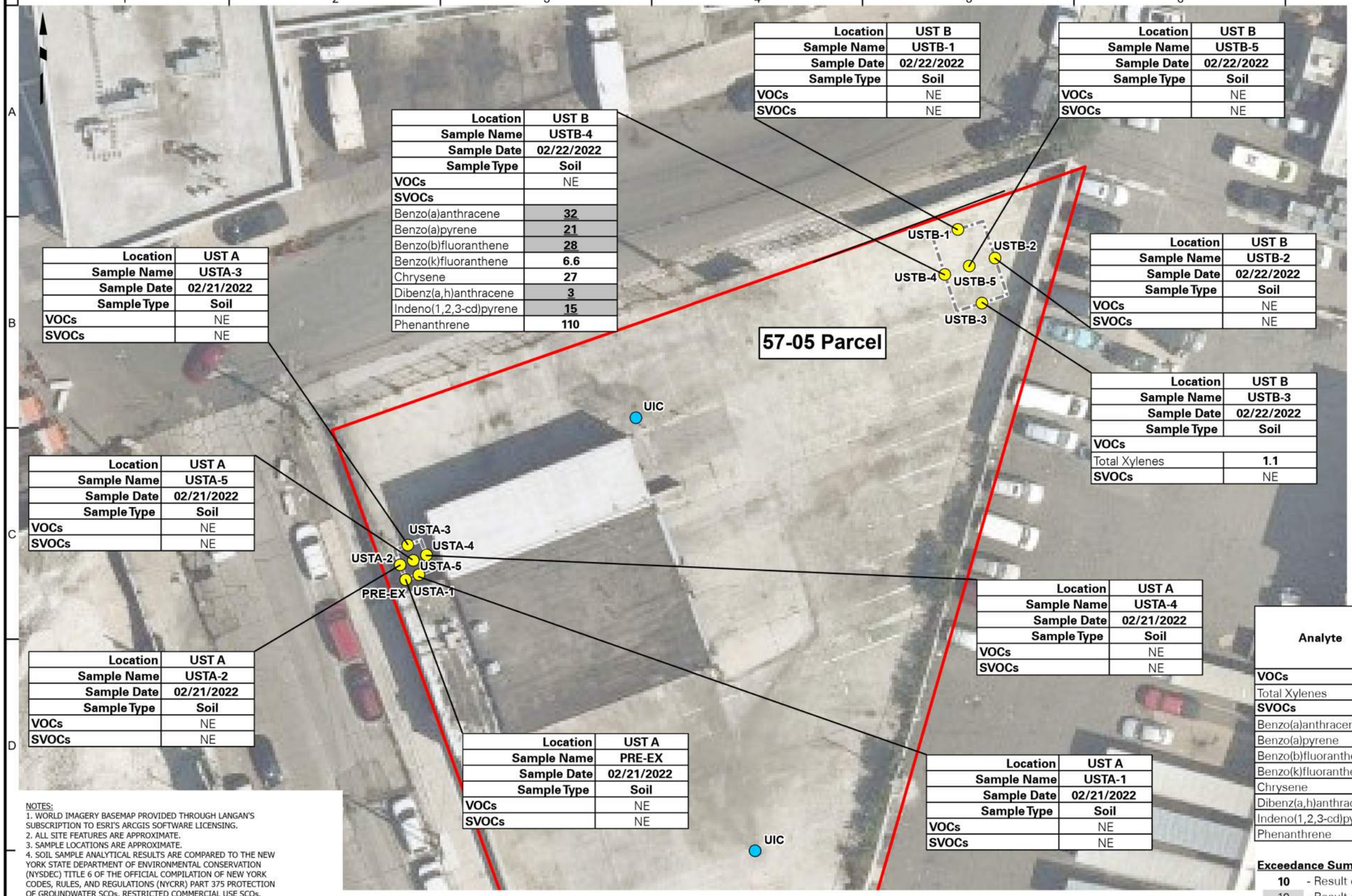
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month | Day | Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

FIGURES



Location	UST B
Sample Name	USTB-1
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-5
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-4
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	
Benzo(a)anthracene	**32**
Benzo(a)pyrene	**21**
Benzo(b)fluoranthene	**28**
Benzo(k)fluoranthene	**6.6**
Chrysene	**27**
Dibenz(a,h)anthracene	**3**
Indeno(1,2,3-cd)pyrene	**15**
Phenanthrene	**110**

Location	UST B
Sample Name	USTB-2
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-3
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-3
Sample Date	02/22/2022
Sample Type	Soil
VOCs	
Total Xylenes	**1.1**
SVOCs	NE

Location	UST A
Sample Name	USTA-5
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-4
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-2
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	PRE-EX
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-1
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Legend

- Underground Storage Tank Sample Location
- Underground Injection Control Unit
- Approximate Site Boundary
- Former Underground Storage Tank Location

Analyte	NYSDEC CP51 SCLs for Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
VOCs			
Total Xylenes	0.26	500	1000
SVOCs			
Benzo(a)anthracene	1	5.6	11
Benzo(a)pyrene	1	1	1.1
Benzo(b)fluoranthene	1	5.6	11
Benzo(k)fluoranthene	0.8	56	110
Chrysene	1	56	110
Dibenz(a,h)anthracene	0.33	0.56	1.1
Indeno(1,2,3-cd)pyrene	0.5	5.6	11
Phenanthrene	100	500	1000

Exceedance Summary:

10 - Result exceeds CP51 SCLs for Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

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 UU SCOs ARE SHOWN.
6. VOC = VOLATILE ORGANIC COMPOUND
7. SVOC = SEMIVOLATILE ORGANIC COMPOUND
8. mg/kg = MILLIGRAM PER KILOGRAM
9. ND = NOT DETECTED
10. NE = NOT EXCEEDED
11. 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
12. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LEVEL (MDL), BUT BELOW THE REPORTING LIMIT (RL), THEREFORE THE RESULT IS AN ESTIMATED CONCENTRATION

30 0 30
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
57-05 47th Street
BLOCK No. 2602
LOT No. 72
QUEENS NEW YORK

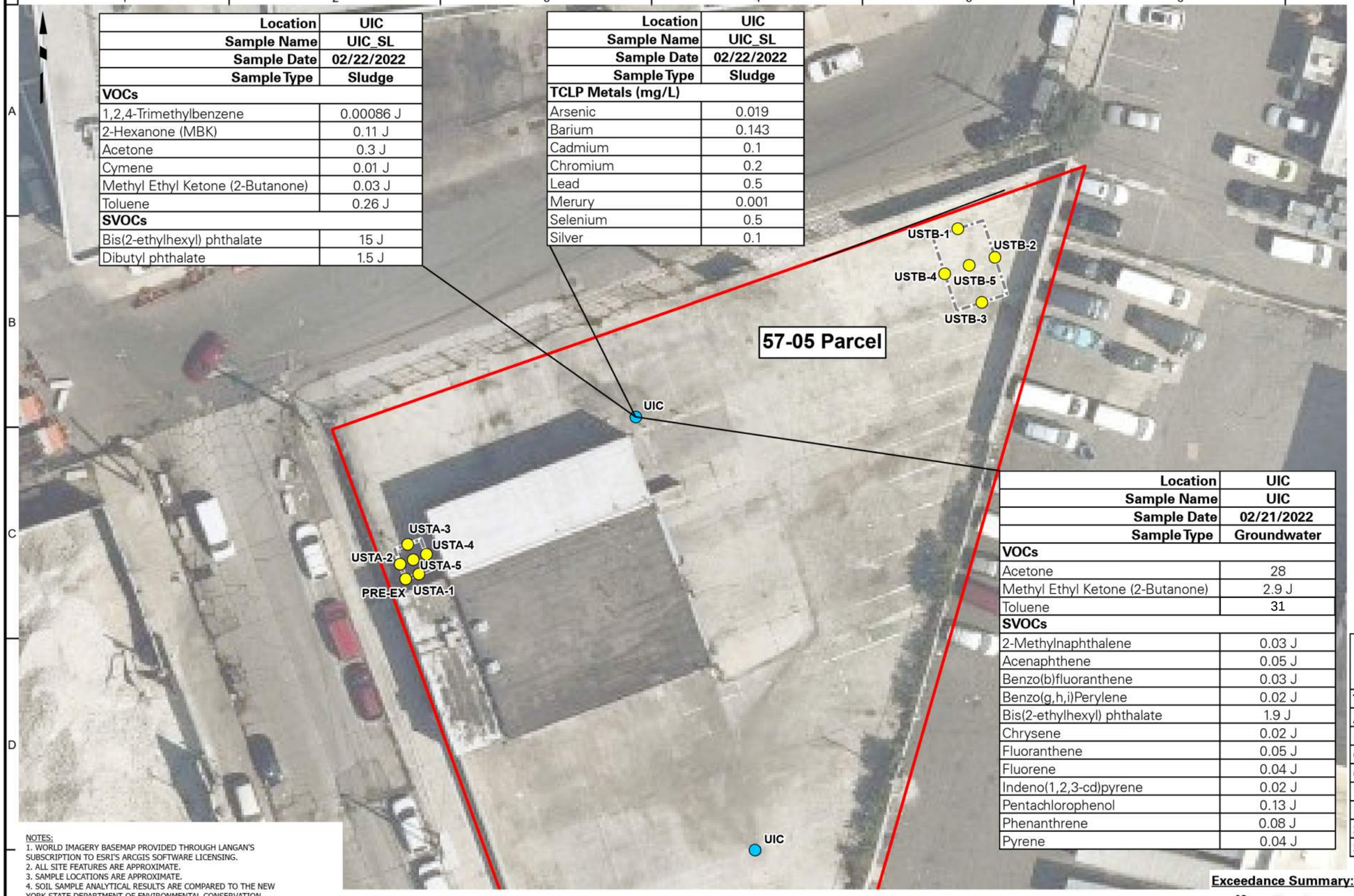
Figure Title
UST SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Project No. 100965501
Date 4/26/2022
Scale 1"=30'
Drawn By MG
Figure No. 1

Path: C:\Users\Aruane\Documents\Project Work\WorkFromHome-Covid\100965501\APRX\100965501\100965501.aprx Date: 4/26/2022 User: aruane Time: 10:18 AM

Location	UIC
Sample Name	UIC_SL
Sample Date	02/22/2022
Sample Type	Sludge
VOCs	
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	
Bis(2-ethylhexyl) phthalate	15 J
Dibutyl phthalate	1.5 J

Location	UIC
Sample Name	UIC_SL
Sample Date	02/22/2022
Sample Type	Sludge
TCLP Metals (mg/L)	
Arsenic	0.019
Barium	0.143
Cadmium	0.1
Chromium	0.2
Lead	0.5
Merury	0.001
Selenium	0.5
Silver	0.1



Location	UIC
Sample Name	UIC
Sample Date	02/21/2022
Sample Type	Groundwater
VOCs	
Acetone	28
Methyl Ethyl Ketone (2-Butanone)	2.9 J
Toluene	31
SVOCs	
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

Legend

- Underground Storage Tank Sample Location
- Underground Injection Control Unit
- Approximate Site Boundary
- Former Underground Storage Tank Location

Analyte	EPA TCLP Maximum Characteristic Concentration
Toxicity Characteristic Leaching Procedure (TCLP)	
Arsenic	5
Barium	100
Cadmium	1
Chromium	5
Lead	5
Mercury	0.2
Selenium	1
Silver	5

Exceedance Summary:

10 - Result exceeds EPA maximum toxicity characteristic concentration

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 UNRESTRICTED USE (UU) SOIL CLEANUP OBJECTIVES (SCO) AND RESTRICTED USE RESTRICTED-RESIDENTIAL (RURR) SCOs.
5. ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE UU SCOs ARE SHOWN.
6. VOC = VOLATILE ORGANIC COMPOUND
7. SVOC = SEMIVOLATILE ORGANIC COMPOUND
8. mg/kg = MILLIGRAM PER KILOGRAM
9. ND = NOT DETECTED
10. NE = NOT EXCEEDED
11. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LEVEL (MDL), BUT BELOW THE REPORTING LIMIT (RL), THEREFORE THE RESULT IS AN ESTIMATED CONCENTRATION

30 0 30
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
57-05 47th Street
BLOCK No. 2602
LOT No. 72
QUEENS NEW YORK

Figure Title
UIC SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Project No. 100965501
Date 4/26/2022
Scale 1"=30'
Drawn By MG
Figure No. 2

Path: C:\Users\Aruane\Documents\Project Work\WorkFromHome-Covid\100965501\APRX\100965501\100965501.aprx Date: 4/26/2022 User: aruane Time: 9:54 AM

TABLES

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
				Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,1-Trichloroethane	71-55-6	NS	500	1000	mg/kg	<0.00044 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	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethane	75-34-3	NS	240	480	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethene	75-35-4	NS	500	1000	mg/kg	<0.00088 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	<0.00044 U	<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	<0.0018 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	<0.0018 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	0.02 J	<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	<0.0018 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	0.015 J	<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	<0.0026 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	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,2-Dichlorobenzene	95-50-1	NS	500	1000	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2-Dichloroethane	107-06-2	NS	30	60	mg/kg	<0.00088 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	<0.00088 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	0.0023 J	<0.0022 U	0.016 J	<0.0022 U	<0.0018 U	<0.0016 U
1,3-Dichlorobenzene	541-73-1	NS	280	560	mg/kg	<0.0018 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	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dichlorobenzene	106-46-7	NS	130	250	mg/kg	<0.0018 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	0.006 J	<0.0022 U	0.04 J	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	130	250	mg/kg	<0.071 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	<0.0018 U	<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	<0.0018 U	<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	<0.0088 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	<0.0018 U	<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	0.012 J	<0.0022 U	0.031 J	<0.0022 U	<0.0018 U	<0.0016 U
Acetone	67-64-1	NS	500	1000	mg/kg	0.09 J	<0.011 U	0.063 J	0.03	<0.009 U	0.013
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0035 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	0.00048 J	<0.00056 U	0.00042 J	<0.00055 U	<0.00045 U	<0.00041 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0018 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	<0.00044 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	<0.0035 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	<0.0018 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	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Carbon Tetrachloride	56-23-5	NS	22	44	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Chlorobenzene	108-90-7	NS	500	1000	mg/kg	<0.00044 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	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Chloroform	67-66-3	NS	350	700	mg/kg	<0.0013 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	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Cis-1,2-Dichloroethene	156-59-2	NS	500	1000	mg/kg	<0.00088 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	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Cymene	99-87-6	10	NS	NS	mg/kg	0.0097 J	<0.0011 U	0.0066 J	<0.0011 U	<0.0009 U	<0.00081 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.00088 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	<0.0018 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	<0.0088 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	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Ethylbenzene	100-41-4	1	390	780	mg/kg	0.0017 J	<0.0011 U	0.004 J	<0.0011 U	<0.0009 U	<0.00081 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Isopropylbenzene (Cumene)	98-82-8	2.3	NS	NS	mg/kg	0.0016 J	<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	0.0041 J	<0.0022 U	0.014 J	<0.0022 U	<0.0018 U	<0.0016 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	500	1000	mg/kg	0.02 J	<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	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Methylene Chloride	75-09-2	NS	500	1000	mg/kg	<0.0044 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	0.0055 J	<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	0.0052 J	<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	0.0026 J	<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	0.0075 J	<0.0011 U	0.021 J	<0.0011 U	<0.0009 U	<0.00081 U
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	0.0049 J	<0.0011 U	0.0074 J	<0.0011 U	<0.0009 U	<0.00081 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.00088 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	0.00084 J	<0.0022 U	0.0006 J	<0.0022 U	<0.0018 U	<0.0016 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	0.00083 J	<0.0022 U	0.00037 J	<0.0022 U	<0.0018 U	<0.0016 U
Tetrachloroethene (PCE)	127-18-4	NS	150	300	mg/kg	0.00099 J	<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	0.0026 J	<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	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Total Xylenes	1330-20-7	0.26	500	1000	mg/kg	0.012 J	<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	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Trans-1,2-Dichloroethene	156-60-5	NS	500	1000	mg/kg	<0.0013 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	<0.00088 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	<0.0044 U	<0.0056 U	<0.0044 U	<0.0055 U	<0.0045 U	<0.0041 U
Trichloroethene (TCE)	79-01-6	NS	200	400	mg/kg	<0.00044 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	<0.0035 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	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Vinyl Chloride	75-01-4	NS	13	27	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
					Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<1.8 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	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	NS	500	1000	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,3-Dichlorobenzene	541-73-1	NS	280	560	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	NS	130	250	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	130	250	mg/kg	<0.28 U	<0.13 U	<0.14 U	<0.026 U	<0.026 U	<0.027 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<1.8 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	<1.1 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	<1.7 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	<1.8 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	<8.9 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	<1.8 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	<1.8 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	<1.8 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	<1.8 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	0.34 J	0.13 J	0.51 J	<0.21 U	<0.21 U	<0.22 U
2-Methylphenol (o-Cresol)	95-48-7	NS	500	1000	mg/kg	<1.8 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	<1.8 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	<4 U	<1.9 U	<2 U	<0.38 U	<0.38 U	<0.39 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	500	1000	mg/kg	<2.7 U	<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	<1.8 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	<1.8 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	<4.8 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	<1.8 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	<1.8 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	<1.8 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	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<1.8 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	<2.6 U	<1.2 U	<1.3 U	<0.25 U	<0.24 U	<0.25 U
Acenaphthene	83-32-9	20	500	1000	mg/kg	<1.5 U	<0.72 U	0.14 J	<0.14 U	<0.14 U	<0.14 U
Acenaphthylene	208-96-8	100	500	1000	mg/kg	<1.5 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	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Anthracene	120-12-7	100	500	1000	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzo(a)anthracene	56-55-3	1	5.6	11	mg/kg	<1.1 U	<0.54 U	0.1 J	0.022 J	<0.1 U	<0.11 U
Benzo(a)pyrene	50-32-8	1	1	1.1	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	205-99-2	1	5.6	11	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	100	500	1000	mg/kg	<1.5 U	<0.72 U	<0.73 U	0.022 J	<0.14 U	<0.14 U
Benzo(k)fluoranthene	207-08-9	0.8	56	110	mg/kg	<1.1 U	<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	<6 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	<1.8 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	<1.8 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	<4.2 U	<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	<2 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	<1.7 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	<2.2 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	1.5 J	<0.9 U	0.94	1.9	<0.18 U	<0.18 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Chrysene	218-01-9	1	56	110	mg/kg	<1.1 U	<0.54 U	<0.55 U	0.019 J	<0.1 U	<0.11 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	1.1	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Dibenzofuran	132-64-9	NS	350	1000	mg/kg	<1.8 U	<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	<1.8 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	<1.8 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	<1.8 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	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Fluoranthene	206-44-0	100	500	1000	mg/kg	0.3 J	<0.54 U	0.19 J	0.033 J	0.022 J	<0.11 U
Fluorene	86-73-7	30	500	1000	mg/kg	0.33 J	<0.9 U	0.4 J	<0.18 U	<0.18 U	<0.18 U
Hexachlorobenzene	118-74-1	NS	6	12	mg/kg	<1.1 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	<1.8 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	<5.3 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	<1.5 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	0.5	5.6	11	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<1.7 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	<1.8 U	<0.9 U	0.21 J	<0.18 U	<0.18 U	<0.18 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<1.7 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<1.8 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	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Pentachlorophenol	87-86-5	NS	6.7	55	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Phenanthrene	85-01-8	100	500	1000	mg/kg	0.7 J	<0.54 U	0.68	<0.11 U	<0.1 U	<0.11 U
Phenol	108-95-2	NS	500	1000	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Pyrene	129-00-0	100	500	1000	mg/kg	0.54 J	<0.54 U	0.39 J	0.04 J	0.019 J	<0.11 U

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
					Unit	Result	Result	Result	Result	Result	Result
Polychlorinated Biphenyl											
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.182 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	<0.182 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	<0.182 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	<0.182 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	<0.182 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	<0.182 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	<0.182 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	<0.182 U	<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	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
Total PCBs	1336-36-3	NS	1	25	mg/kg	<0.182 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	5,370	3,510	3,320	3,460	3,200	1,990
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.4 U	<4.16 U	<4.26 U	<4.21 U	<4.25 U	<4.21 U
Arsenic	7440-38-2	NS	16	16	mg/kg	2.08	3.59	2.51	2.39	2.53	2.68
Barium	7440-39-3	NS	400	10000	mg/kg	36.2	31.8	31.4	30.4	24.1	13.3
Beryllium	7440-41-7	NS	590	2700	mg/kg	0.281 J	0.283 J	0.264 J	0.295 J	0.238 J	0.193 J
Cadmium	7440-43-9	NS	9.3	60	mg/kg	0.739 J	0.856	0.793 J	0.581 J	0.536 J	0.522 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,600	2,630	4,440	2,540	736	477
Chromium, Total	7440-47-3	NS	400	800	mg/kg	17	11.2	12.9	13.6	10.2	7.68
Cobalt	7440-48-4	NS	NS	NS	mg/kg	5.55	6.86	4.52	5.38	5.2	3.67
Copper	7440-50-8	NS	270	10000	mg/kg	61.1	74.8	82.4	15	31.5	7.77
Iron	7439-89-6	NS	NS	NS	mg/kg	18,300	15,500	21,100	20,800	17,100	21,400
Lead	7439-92-1	NS	1000	3900	mg/kg	36.9	27.2	36.8	9.55	16.3	4.11 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,580	1,570	1,530	1,110	1,040	718
Manganese	7439-96-5	NS	10000	10000	mg/kg	398	344	314	460	344	203
Mercury	7439-97-6	NS	2.8	5.7	mg/kg	0.636 J	0.112	0.732	0.073	<0.069 U	<0.069 U
Nickel	7440-02-0	NS	310	10000	mg/kg	11.4	10.6	9	7.45	7.68	5.58
Potassium	7440-09-7	NS	NS	NS	mg/kg	507	805	492	437	431	234
Selenium	7782-49-2	NS	1500	6800	mg/kg	<1.76 U	0.216 J	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Silver	7440-22-4	NS	1500	6800	mg/kg	<0.88 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	122 J	72 J	73.1 J	62.4 J	47.8 J	45 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.76 U	<1.66 U	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	20.4	22.3	20.8	21.8	18.9	17.4
Zinc	7440-66-6	NS	10000	10000	mg/kg	142	98.8	88.1	38.1	47.1	13.8

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 New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51) Soil Cleanup Levels (SCL) for Gasoline and Fuel Oil Contaminated Soils (October 2010), and NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Restricted Use Commercial and Restricted Use Industrial 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).
The criteria comparison for total chromium is provided for reference. The promulgated SCO shown is for hexavalent chromium.

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

Exceedance Summary:
10 - Result exceeds NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 2
UST B (3,500-Gallon Diesel UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Fuel Oil Contaminated Soils	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
					Sample Name	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5
					Sample Date	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil
					Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds										
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
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
Benzene	71-43-2	0.06	44	89	mg/kg	0.011 J	0.00026 J	0.0013	<0.032 U	<0.028 U
Cymene	99-87-6	10	NS	NS	mg/kg	0.15	0.0052 J	0.096	0.0079 J	<0.055 U
Ethylbenzene	100-41-4	1	390	780	mg/kg	0.11	0.013 J	0.12	<0.063 U	<0.055 U
Isopropylbenzene (Cumene)	98-82-8	2.3	NS	NS	mg/kg	1	0.05 J	0.044 J	0.14	0.086
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
Naphthalene	91-20-3	12	500	1000	mg/kg	3	0.54	0.5	3.9	0.43
n-Butylbenzene	104-51-8	12	500	1000	mg/kg	2.8	1.6	0.14	1.7	1.3
n-Propylbenzene	103-65-1	3.9	500	1000	mg/kg	2.2	0.036 J	0.13	0.23	0.14
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
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	2.3	1.7	0.074	1.1	1.2
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
Tert-Butyl Methyl Ether	1634-04-4	NS	500	1000	mg/kg	<0.12 U	<0.0018 U	<0.0019 U	<0.13 U	<0.11 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
Total Xylenes	1330-20-7	**0.26**	500	1000	mg/kg	0.083 J	0.11 J	**1.1**	<0.063 U	<0.055 U
Semi-Volatile Organic Compounds										
Acenaphthene	83-32-9	20	500	1000	mg/kg	0.52	0.36	<0.14 U	11	0.55
Acenaphthylene	208-96-8	100	500	1000	mg/kg	<0.15 U	<0.14 U	<0.14 U	4	<0.14 U
Anthracene	120-12-7	100	500	1000	mg/kg	0.36	0.47	<0.11 U	32	0.33
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	0.29	0.51	<0.11 U	**32**	0.032 J
Benzo(a)pyrene	50-32-8	**1**	1	1.1	mg/kg	0.28	0.5	<0.14 U	**21**	<0.14 U
Benzo(b)fluoranthene	205-99-2	**1**	5.6	11	mg/kg	0.36	0.51	<0.11 U	**28**	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	100	500	1000	mg/kg	0.18	0.24	0.11 J	12	<0.14 U
Benzo(k)fluoranthene	207-08-9	**0.8**	56	110	mg/kg	0.12	0.21	<0.11 U	**6.6**	<0.11 U
Chrysene	218-01-9	**1**	56	110	mg/kg	0.31	0.5	<0.11 U	**27**	0.047 J
Dibenz(a,h)anthracene	53-70-3	**0.33**	0.56	1.1	mg/kg	0.05 J	0.055 J	<0.11 U	**3**	<0.11 U
Fluoranthene	206-44-0	100	500	1000	mg/kg	0.67	1.3	<0.11 U	81	0.12
Fluorene	86-73-7	30	500	1000	mg/kg	1.2	0.85	0.021 J	21	1.3
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	5.6	11	mg/kg	0.23	0.29	0.028 J	**15**	<0.14 U
Phenanthrene	85-01-8	**100**	500	1000	mg/kg	2.2	2.2	<0.11 U	**110**	2.2
Pyrene	129-00-0	100	500	1000	mg/kg	0.93	1.4	<0.11 U	59	0.47

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 New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51) Soil Cleanup Levels (SCL) for Fuel Oil Contaminated Soils, and NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Restricted Use Commercial and Restricted Use Industrial Soil Cleanup Objectives (SCO).

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

Exceedance Summary:
10 - Result exceeds CP51 SCLs for Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Volatile Organic Compounds			
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	<0.001 UJ
1,1,1-Trichloroethane	71-55-6	mg/kg	<0.001 UJ
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	<0.001 UJ
1,1,2-Trichloroethane	79-00-5	mg/kg	<0.002 UJ
1,1-Dichloroethane	75-34-3	mg/kg	<0.002 UJ
1,1-Dichloroethene	75-35-4	mg/kg	<0.002 UJ
1,1-Dichloropropene	563-58-6	mg/kg	<0.001 UJ
1,2,3-Trichlorobenzene	87-61-6	mg/kg	<0.0041 UJ
1,2,3-Trichloropropane	96-18-4	mg/kg	<0.0041 UJ
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg	<0.0041 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	<0.0041 UJ
1,2,4-Trimethylbenzene	95-63-6	mg/kg	0.00086 J
1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	<0.0061 UJ
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/kg	<0.002 UJ
1,2-Dichlorobenzene	95-50-1	mg/kg	<0.0041 UJ
1,2-Dichloroethane	107-06-2	mg/kg	<0.002 UJ
1,2-Dichloropropane	78-87-5	mg/kg	<0.002 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	mg/kg	<0.0041 UJ
1,3-Dichlorobenzene	541-73-1	mg/kg	<0.0041 UJ
1,3-Dichloropropane	142-28-9	mg/kg	<0.0041 UJ
1,4-Dichlorobenzene	106-46-7	mg/kg	<0.0041 UJ
1,4-Diethyl Benzene	105-05-5	mg/kg	<0.0041 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	mg/kg	<0.16 UJ
2,2-Dichloropropane	594-20-7	mg/kg	<0.0041 UJ
2-Chlorotoluene	95-49-8	mg/kg	<0.0041 UJ
2-Hexanone (MBK)	591-78-6	mg/kg	0.11 J
4-Chlorotoluene	106-43-4	mg/kg	<0.0041 UJ
4-Ethyltoluene	622-96-8	mg/kg	<0.0041 UJ
Acetone	67-64-1	mg/kg	0.3 J
Acrylonitrile	107-13-1	mg/kg	<0.0082 UJ
Benzene	71-43-2	mg/kg	<0.001 UJ
Bromobenzene	108-86-1	mg/kg	<0.0041 UJ
Bromochloromethane	74-97-5	mg/kg	<0.0041 UJ
Bromodichloromethane	75-27-4	mg/kg	<0.001 UJ
Bromoform	75-25-2	mg/kg	<0.0082 UJ
Bromomethane	74-83-9	mg/kg	<0.0041 UJ
Carbon Disulfide	75-15-0	mg/kg	<0.02 UJ
Carbon Tetrachloride	56-23-5	mg/kg	<0.002 UJ
Chlorobenzene	108-90-7	mg/kg	<0.001 UJ
Chloroethane	75-00-3	mg/kg	<0.0041 UJ
Chloroform	67-66-3	mg/kg	<0.0031 UJ
Chloromethane	74-87-3	mg/kg	<0.0082 UJ
Cis-1,2-Dichloroethene	156-59-2	mg/kg	<0.002 UJ
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	<0.001 UJ
Cymene	99-87-6	mg/kg	0.01 J
Dibromochloromethane	124-48-1	mg/kg	<0.002 UJ
Dibromomethane	74-95-3	mg/kg	<0.0041 UJ
Dichlorodifluoromethane	75-71-8	mg/kg	<0.02 UJ
Diethyl Ether (Ethyl Ether)	60-29-7	mg/kg	<0.0041 UJ
Ethylbenzene	100-41-4	mg/kg	<0.002 UJ
Hexachlorobutadiene	87-68-3	mg/kg	<0.0082 UJ
Isopropylbenzene (Cumene)	98-82-8	mg/kg	<0.002 UJ
M,P-Xylene	179601-23-1	mg/kg	<0.0041 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	mg/kg	0.03 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanon	108-10-1	mg/kg	<0.02 UJ
Methylene Chloride	75-09-2	mg/kg	<0.01 UJ
Naphthalene	91-20-3	mg/kg	<0.0082 UJ
n-Butylbenzene	104-51-8	mg/kg	<0.002 UJ
n-Propylbenzene	103-65-1	mg/kg	<0.002 UJ
o-Xylene (1,2-Dimethylbenzene)	95-47-6	mg/kg	<0.002 UJ
Sec-Butylbenzene	135-98-8	mg/kg	<0.002 UJ
Styrene	100-42-5	mg/kg	<0.002 UJ
T-Butylbenzene	98-06-6	mg/kg	<0.0041 UJ
Tert-Butyl Methyl Ether	1634-04-4	mg/kg	<0.0041 UJ
Tetrachloroethene (PCE)	127-18-4	mg/kg	<0.001 UJ
Toluene	108-88-3	mg/kg	0.26 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	mg/kg	<0.002 UJ
Total Xylenes	1330-20-7	mg/kg	<0.002 UJ

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	mg/kg	<0.001 UJ
Trans-1,2-Dichloroethene	156-60-5	mg/kg	<0.0031 UJ
Trans-1,3-Dichloropropene	10061-02-6	mg/kg	<0.002 UJ
Trans-1,4-Dichloro-2-Butene	110-57-6	mg/kg	<0.01 UJ
Trichloroethene (TCE)	79-01-6	mg/kg	<0.001 UJ
Trichlorofluoromethane	75-69-4	mg/kg	<0.0082 UJ
Vinyl Acetate	108-05-4	mg/kg	<0.02 UJ
Vinyl Chloride	75-01-4	mg/kg	<0.002 UJ
Semi-Volatile Organic Compounds			
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	<4.8 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	<4.8 UJ
1,2-Dichlorobenzene	95-50-1	mg/kg	<4.8 UJ
1,3-Dichlorobenzene	541-73-1	mg/kg	<4.8 UJ
1,4-Dichlorobenzene	106-46-7	mg/kg	<4.8 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	mg/kg	<0.72 UJ
2,4,5-Trichlorophenol	95-95-4	mg/kg	<4.8 UJ
2,4,6-Trichlorophenol	88-06-2	mg/kg	<2.9 UJ
2,4-Dichlorophenol	120-83-2	mg/kg	<4.4 UJ
2,4-Dimethylphenol	105-67-9	mg/kg	<4.8 UJ
2,4-Dinitrophenol	51-28-5	mg/kg	<23 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	<4.8 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg	<4.8 UJ
2-Chloronaphthalene	91-58-7	mg/kg	<4.8 UJ
2-Chlorophenol	95-57-8	mg/kg	<4.8 UJ
2-Methylnaphthalene	91-57-6	mg/kg	<5.8 UJ
2-Methylphenol (o-Cresol)	95-48-7	mg/kg	<4.8 UJ
2-Nitroaniline	88-74-4	mg/kg	<4.8 UJ
2-Nitrophenol	88-75-5	mg/kg	<10 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	mg/kg	<7 UJ
3,3'-Dichlorobenzidine	91-94-1	mg/kg	<4.8 UJ
3-Nitroaniline	99-09-2	mg/kg	<4.8 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	mg/kg	<12 UJ
4-Bromophenyl Phenyl Ether	101-55-3	mg/kg	<4.8 UJ
4-Chloro-3-Methylphenol	59-50-7	mg/kg	<4.8 UJ
4-Chloroaniline	106-47-8	mg/kg	<4.8 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	mg/kg	<4.8 UJ
4-Nitroaniline	100-01-6	mg/kg	<4.8 UJ
4-Nitrophenol	100-02-7	mg/kg	<6.8 UJ
Acenaphthene	83-32-9	mg/kg	<3.9 UJ
Acenaphthylene	208-96-8	mg/kg	<3.9 UJ
Acetophenone	98-86-2	mg/kg	<4.8 UJ
Anthracene	120-12-7	mg/kg	<2.9 UJ
Benzo(a)anthracene	56-55-3	mg/kg	<2.9 UJ
Benzo(a)pyrene	50-32-8	mg/kg	<3.9 UJ
Benzo(b)fluoranthene	205-99-2	mg/kg	<2.9 UJ
Benzo(g,h,i)Perylene	191-24-2	mg/kg	<3.9 UJ
Benzo(k)fluoranthene	207-08-9	mg/kg	<2.9 UJ
Benzoic Acid	65-85-0	mg/kg	<16 UJ
Benzyl Alcohol	100-51-6	mg/kg	<4.8 UJ
Benzyl Butyl Phthalate	85-68-7	mg/kg	<4.8 UJ
Biphenyl (Diphenyl)	92-52-4	mg/kg	<11 UJ
Bis(2-chloroethoxy) methane	111-91-1	mg/kg	<5.2 UJ
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	mg/kg	<4.4 UJ
Bis(2-chloroisopropyl) ether	108-60-1	mg/kg	<5.8 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	15 J
Carbazole	86-74-8	mg/kg	<4.8 UJ
Chrysene	218-01-9	mg/kg	<2.9 UJ
Dibenz(a,h)anthracene	53-70-3	mg/kg	<2.9 UJ
Dibenzofuran	132-64-9	mg/kg	<4.8 UJ
Dibutyl phthalate	84-74-2	mg/kg	1.5 J
Diethyl phthalate	84-66-2	mg/kg	<4.8 UJ
Dimethyl phthalate	131-11-3	mg/kg	<4.8 UJ
Dioctyl phthalate	117-84-0	mg/kg	<4.8 UJ
Fluoranthene	206-44-0	mg/kg	<2.9 UJ
Fluorene	86-73-7	mg/kg	<4.8 UJ
Hexachlorobenzene	118-74-1	mg/kg	<2.9 UJ
Hexachlorobutadiene	87-68-3	mg/kg	<4.8 UJ
Hexachlorocyclopentadiene	77-47-4	mg/kg	<14 UJ
Hexachloroethane	67-72-1	mg/kg	<3.9 UJ

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	<3.9 UJ
Isophorone	78-59-1	mg/kg	<4.4 UJ
Naphthalene	91-20-3	mg/kg	<4.8 UJ
Nitrobenzene	98-95-3	mg/kg	<4.4 UJ
n-Nitrosodi-N-Propylamine	621-64-7	mg/kg	<4.8 UJ
n-Nitrosodiphenylamine	86-30-6	mg/kg	<3.9 UJ
Pentachlorophenol	87-86-5	mg/kg	<3.9 UJ
Phenanthrene	85-01-8	mg/kg	<2.9 UJ
Phenol	108-95-2	mg/kg	<4.8 UJ
Pyrene	129-00-0	mg/kg	<2.9 UJ

Notes:
CAS - Chemical Abstract Service
mg/kg - milligram per kilogram
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulg SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the report 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 lev the RL or the sample concentration for results impacted by blank contamination.

Table 3
Sludge from Underground Injection Point Structure Summary Table
RCRA Metals
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	EPA TCLP Maximum Characteristics Concentration	Location	UIC
			Sample Name	UIC_SL
			Sample Date	02/22/2022
			Unit	Result
Resource Conservation Recovery Act (RCRA) Metals				
Arsenic	7440-38-2	5	mg/L	0.019 J
Barium	7440-39-3	100	mg/L	0.143 J
Cadmium	7440-43-9	1	mg/L	0.1 U
Chromium	7440-47-3	5	mg/L	0.2 U
Lead	7439-92-1	5	mg/L	0.5 U
Mercury	7439-97-6	0.2	mg/L	0.001 U
Selenium	7782-49-2	1	mg/L	0.5 U
Silver	7440-22-4	5	mg/L	0.1 U

Notes:
CAS - Chemical Abstract Service
mg/L - milligram per liter
Sludge sample analytical results are compared to the Environmental Protection Agency (EPA) Resource Conservation Recovery Act (RCRA) Toxicity Charactistic Leaching Procedure (TCLP) Maxim Characteristics Concentration

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
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 EPA TCLP Maximum Characteristics Concentration

Table 5
Liquid from Underground Injection Point Structure Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	UIC
			Sample Name	UIC
			Sample Date	02/21/2022
			Unit	Result
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U
Acetone	67-64-1	50	ug/l	28
Acrylonitrile	107-13-1	5	ug/l	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	2.9 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U
Naphthalene	91-20-3	10	ug/l	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U
Toluene	108-88-3	**5**	ug/l	**31**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U

Table 5
Liquid from Underground Injection Point Structure Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	UIC
			Sample Name	UIC
			Sample Date	02/21/2022
			Unit	Result
Semi-Volatile Organic Compounds				
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.03 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U
Acenaphthene	83-32-9	20	ug/l	0.05 J
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.03 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	1.9 J
Carbazole	86-74-8	NS	ug/l	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.02 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U
Fluoranthene	206-44-0	50	ug/l	0.05 J
Fluorene	86-73-7	50	ug/l	0.04 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.02 J**
Isophorone	78-59-1	50	ug/l	<5 U
Naphthalene	91-20-3	10	ug/l	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.13 J
Phenanthrene	85-01-8	50	ug/l	0.08 J
Phenol	108-95-2	1	ug/l	<5 U
Pyrene	129-00-0	50	ug/l	0.04 J

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 NYSD Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class G Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sampl
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