FORMER T&J SALVAGE

2647 STILLWELL AVENUE

BROOKLYN, NEW YORK

DRAFT REMEDIAL INVESTIGATION REPORT

NYSDEC BCP Number: C224362

AKRF Project Number: 220241

Prepared for:

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Acronym	Definition
1,1,1-TCA	1,1,1-trichloroethane
AOCs	Areas of Concern
ASTM	American Society for Testing and Materials
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BN	Base/Neutral
bgs	Below Ground Surface
CAMP	Community Air Monitoring Plan
CSCO	Commercial Soil Cleanup Objective
CoC	Chain of Custody
COC	Contaminants of Concern
CVOC	Chlorinated Volatile Organic Compound
DER-10	Division of Environmental Remediation Technical Guide 10
DPP	Direct-push Probe
DUSR	Data Usability Summary Report
ECs	Engineering Controls
ELAP	New York State Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
eV	Electron Volt
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
HDPE	High-density Polyethylene
ICs	Institutional Control
IDW	Investigation Derived Waste
IRM	Interim Remedial Measure
IRMCR	IRM Completion Report
IRMWP	IRM Work Plan
MCL	Maximum Contaminant Level
MEK	Methyl Ethyl Ketone
mg/kg	Milligrams per Kilogram
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-Aqueous Phase Liquid
NAVD88	North American Vertical Datum of 1988
ND	Non-Detectable
NTUs	Nephelometric Turbidity Units
NYCRR	New York Codes, Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
ORP	Oxidation-Reduction Potential
OSHA	United States Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons

Acronym	Definition
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization detector
ppb	Parts per billion
ppm	Parts per million
ppt	Parts per trillion
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RA	Remedial Action
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRGV	Restricted Residential Guidance Value
RRSCO	Restricted Residential Soil Cleanup Objective
SCOs	Soil Cleanup Objectives
SIM	Selective Ion Monitoring
SSDS	Sub-Slab Depressurization System
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
ULURP	Uniform Land Use Review Procedure
UST	Underground Storage Tank
UUGV	Unrestricted Use Guidance Value
UUSCO	Unrestricted Use Soil Cleanup Objective
VCP	Voluntary Cleanup Program
VEC	Vapor Encroachment Condition
VOC	Volatile Organic Compound
µg/kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
$\mu g/m^3$	Micrograms per Meter Cubed

CERTIFICATION

I, Stephen Malinowski, QEP, certify that I am currently a Qualified Environmental Professional (QEP), as defined in 6 NYCRR Part 375, and that this Remedial Investigation Report (RIR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), and that all activities were performed in full accordance with the DER-approved work plans, work plan addenda, and any DER-approved modifications.

Stephen Malinowski, QEP		DRAFT
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Remedial Investigation Report (RIR) provides information for the establishment of remedial action objectives (RAOs), evaluation of remedial action (RA) alternatives, and selection of a remedy pursuant to the Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation. The Remedial Investigation (RI) described in this RIR is consistent with applicable guidance.

Site Location and Current Usage

The property is located at 2647 Stillwell Avenue in the Gravesend section of Brooklyn, New York, also identified as Brooklyn Borough Tax Block 7247, Lots 200, 203, 205, 206, 211, and 213 on the New York City Tax Map (the "Site"). On March 23, 2023, 2647 Stillwell Avenue Property LLC (the "Volunteer") entered into a Brownfield Cleanup Agreement (BCA) (Index No. C224362-02-23) for the Site with the New York State Department of Environmental Conservation (NYSDEC).

Currently, the approximately 1.87-acre Site consists of a concrete-paved yard with empty metal storage racks and former office trailers near the Site's western boundary. The operations at the Site prior to acquisition by the Volunteer consisted of T&J Auto Salvage, an auto salvage yard, and Stillwell Ready-Mix and Building Materials, LLC, a concrete and building material supply company, up until April 2023. An off-site concrete-paved roadway runs along the southern boundary of the Site on Block 7247, Lot 1. The Site location and topography of the Site and surrounding area are shown on Figure 1, and the Site layout is shown on Figure 2.

Surrounding Area

The Site is bounded to the north by an easement area associated with the Belt Parkway, followed by the Belt Parkway (a.k.a. Shore Parkway), followed by parking lots; to the east by the Metropolitan Transit Authority (MTA) D, F, N, and Q train lines, followed by vacant land (Former Brooklyn Borough Gas Works – Site No. 224026) and MTA's Coney Island Yard; to the south by Coney Island Creek; and to the west by Stillwell Avenue, followed by Coney Island Creek.

There are no sensitive receptors (i.e., schools, daycares, or hospitals) within 600 feet of the Site. The nearest sensitive receptors include John Dewey High School (approximately 1,400 feet to the northwest) and Graffiti Ministries Learning Center (approximately 1,500 feet to the southwest). Surrounding land use and sensitive receptors are shown on Figure 3.

Historical Site Uses

Topographical maps indicate that the Site was comprised of marshland in 1891 and 1898 and was subsequently filled in and depicted as vacant land by 1947. Historical Sanborn maps indicate that the Site included a dwelling on the north-central portion of the Site and a small structure labeled "office" with a one-story structure labeled "junk" just north of the small office on the southern edge of the Site in 1930. Additionally, a portion of Canal Avenue bisected the Site through the center and occupied the southwestern portion of the Site in 1930. Sanborn maps also indicate that the Site operated as an auto salvage and wrecking yard around the 1950s, became vacant by 1966, and resumed auto salvage and wrecking operations starting in 1979 and continuing until April 2023. City directories reviewed as part of the Phase I Environmental Site Assessment (ESA) indicate that the Site operated as auto wrecking and salvage from 1940 to April 2023 under "Hub Auto Wrecking Co." (1940), "Johnson's Auto Glass Co." (1949), "City Wide Auto Salvage Ltd." (1976), and "T&J Salvage Corp." (1985 to 2023).

Areas of Concern (AOCs)

The following environmental issues identified during previous assessments were considered areas of concern (AOCs) for the RI. The AOCs include:

1. The Site's former industrial use as an automotive salvage yard.
2. Elevated concentrations of petroleum-related compounds, semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and select metals in soil samples that were identified during 2015 and 2021 environmental investigations.
3. Elevated concentrations of petroleum-related compounds, SVOCs, and select metals in groundwater and drywell samples that were identified during 2015 and 2021 environmental investigations.

Summary of the Work Performed under the Remedial Investigation (RI)

The RI included the following scope of work:

1. A geophysical survey across accessible portions of the Site and utility mark-outs.
2. The advancement of 14 soil borings with the collection and laboratory analysis of two to three soil samples from each boring.
3. An evaluation of on-site stormwater structures with the collection of three sediment samples.
4. The installation of 5 permanent groundwater monitoring wells with the collection and laboratory analysis of 9 groundwater samples (including 4 samples from monitoring wells installed in February 2023).
5. The installation of 6 temporary soil vapor probes and the collection and laboratory analysis of 6 soil gas samples.
6. The performance of a groundwater monitoring well elevation and location survey of the monitoring wells installed in February and May 2023.

Summary of Hydrogeological Findings

The following geologic and hydrogeologic conditions were noted during the RI:

1. Based on the May 2023 survey of the Site by Fehringer Surveying, PC, the Site lies at an elevation of 10.53 to 12.24 feet above the North American Vertical Datum of 1988 (NAVD88), and slopes down in a generally westerly to southwesterly direction.
2. The stratigraphy of the Site, from the surface down, generally consisted of uncontrolled fill material comprising sand, gravel, and silt, with varying amounts of brick, wood, concrete, glass, and asphalt extending from grade to approximately 9 to 12 feet below grade. The fill layer was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 20 feet below grade). Bedrock was not encountered during the RI.
3. In May 2023, the groundwater elevation ranged from 1.57 to 2.38 (NAVD88), or 8.05 to 9.96 feet below grade. In September 2023, the groundwater elevation ranged from 1.41 to 4.18 (NAVD88), or 6.95 to 10.35 feet below grade. Based the well elevation survey and two gauging events, groundwater flows in a generally southerly to southeasterly direction toward Coney Island Creek but based on groundwater elevations, the western portion of the Site appears to be tidally influenced from the adjacent Coney Island Creek.

Summary of Environmental Findings

Soil

Thirty-nine soil samples and three sediment samples were collected during the RI. The soil samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260D, semi-volatile organic compounds (SVOCs) by EPA Method 8270E, pesticides by EPA Method 8081B, polychlorinated biphenyls (PCBs) by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. The sediment samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, and TAL metals by EPA Method 6000/7000 series. The soil and sediment sample analytical results for VOCs, SVOCs, PCBs, pesticides, and metals, were compared to the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Commercial Soil Cleanup Objectives (CSCOs), the applicable Soil Cleanup Objectives (SCOs) for the proposed future use of the Site. Concentrations of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were compared to the guidance values for UUSCOs and CSCOs presented in the April 2023 *NYSDEC Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs*. Below is a summary of the soil and sediment sample results:

- Nine VOCs (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, ethylbenzene, methylene chloride, n-propylbenzene, toluene, and xylenes) were detected in the soil and sediment samples at concentrations above the UUSCOs. One VOC, 1,2,4-trimethylbenzene, was also detected above the CSCO in sample RI-SB-08_2-4_20230501.
- Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their respective UUSCOs in 24 samples. Five of the SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were additionally detected above the CSCOs at concentrations up to 23 milligrams per kilogram (mg/kg) in 15 locations.
- Ten metals (arsenic, barium, cadmium, copper, lead, manganese, mercury, nickel, silver, and zinc) were detected in 39 soil samples across the Site above their respective UUSCOs. Arsenic, barium, cadmium, copper, lead, nickel, and mercury were detected in up to nine samples at concentrations above the CSCOs at concentrations up to 7,960 mg/kg (lead in sample RI-SB-04_0-2_20230502).
- PCBs were detected above the UUSCO of 0.1 mg/kg, but below the CSCO of 1 mg/kg in 10 soil samples (plus the blind duplicate).
- Three pesticides, 4,4'-DDD, 4,4'-DDE and 4,4'-DDT, were detected at concentrations exceeding their respective UUSCOs, but below the CSCOs in 16 samples and 1 blind duplicate.
- PFOA was detected above the NYSDEC April 2023 Unrestricted Use Guidance Value (UUGV) of 0.66 parts per billion (ppb) in 10 soil samples, but below the Commercial Guidance Value (CGV) of 500 ppb. PFOS was detected above the NYSDEC April 2023 UUGV of 0.88 ppb in 35 soil samples, but below the CGV of 440 ppb. The SVOC 1,4-dioxane was not detected above laboratory reporting limits.

Groundwater

Nine groundwater samples were collected for laboratory analysis of VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and PFAS by EPA Method 1633. Groundwater sample analytical results for VOCs, SVOCs, PCBs, pesticides, and total/dissolved metals were conservatively compared to the

NYSDEC (Ambient Water Quality Standards and Guidance Values) AWQSGVs for Class GA groundwater. PFOA, PFOS, and 1,4-dioxane concentrations were compared to the NYSDEC March 2023 Ambient Water Quality Guidance Values for Human Health. Below is a summary of the groundwater sample results:

- The fuel-related VOCs, benzene, m/p-xylenes, and tert-butyl methyl ether (MTBE) were detected in up to three groundwater samples at concentrations up to 14 micrograms per liter (µg/L) above the AWQSGVs.
- 1,4-dioxane, analyzed as an SVOC, was detected in two groundwater samples (plus a blind duplicate) at concentrations ranging from 0.53 to 1 µg/L, above the NYSDEC guidance value of 0.35 µg/L. No other SVOCs were detected above the AWQSGVs.
- Five metals (antimony, iron, lead, manganese, and sodium) were detected above their respective AWQSGVs in the nine unfiltered groundwater samples (plus the blind duplicate). Antimony, iron, manganese, and sodium were detected above the AWQSGVs in the nine filtered groundwater samples (plus the blind duplicate).
- PCBs and pesticides were not detected above laboratory reporting limits in any of the groundwater samples.
- PFOA and PFOS were detected in all nine groundwater samples (plus the blind duplicate) at concentrations up to 142 parts per trillion (ppt), above the NYSDEC Ambient Water Quality Guidance Values for Human Health of 6.7 ppt for PFOA and 2.7 ppt for PFOS.

Soil Vapor

Six soil vapor samples were collected from temporary soil vapor points located across the Site. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. Thirty-nine of the 71 VOCs analyzed for were detected in the soil vapor samples. Solvent-related VOCs (chlorodifluoromethane, chloromethane, dichlorodifluoromethane, methylene chloride, TCE, and PCE) were detected in the soil vapor samples at individual concentrations up to 990 micrograms per cubic meter (µg/m^3) from a diluted analysis (dichlorodifluoromethane in sample RI-SV-03_20230505). Other VOCs, including compounds typically associated with petroleum [such as 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 1,3-dichlorobenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzene, n-butane, cyclohexane, cumene, ethylbenzene, isopropanol, methyl ethyl ketone (MEK), m,p-xylenes, n-heptane, n-hexane, n-propylbenzene, o-xylene, and toluene] were detected in the soil vapor samples at individual concentrations up to 200,000 µg/m^3 from a diluted analysis (2,2,4-trimethylpentane in sample RI-SV-03_20230505).

PCE was detected in four of the six soil vapor samples at concentrations ranging from 2.6 µg/m^3 from a diluted analysis in RI-SV-05_20230505 to 29 µg/m^3 in sample RI-SV-04_20230505. TCE, a breakdown product of PCE, was not detected above laboratory reporting limits in any of the soil vapor samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This Remedial Investigation (RI) Report (RIR) summarizes the remedial investigation work between May 1 and 5, 2023, and on May 17, 18, and 24, 2023 for the Former T&J Salvage project site, located at 2647 Stillwell Avenue, Brooklyn, NY (the "Site"). The goal of the RI was to further define and characterize the nature and extent of Site contamination and to assist with determining the appropriate remedial action. The RI was conducted in general accordance with AKRF's May 2023 New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), which included a Health and Safety Plan (HASP) and a Quality Assurance Project Plan (QAPP). Deviations from the RIWP are described throughout the document, specifically in Section 4.7.10, although none of the deviations materially affected achieving the objectives of the RI.

1.1 Site Location and Current Usage

Currently, the approximately 1.87-acre Site consists of a concrete-paved yard with empty metal storage racks and former office trailers near the western Site boundary. The operations at the Site prior to acquisition by the Volunteer consisted of T&J Auto Salvage, an auto salvage yard, and Stillwell Ready-Mix and Building Materials, LLC, a concrete and building material supply company, up until April 2023. An off-site concrete-paved roadway runs along the southern boundary of the Site on Block 7247, Lot 1. The Site location and topography of the Site and surrounding area are shown on Figure 1, and the Site layout is shown on Figure 2.

1.2 Description of Surrounding Property

The Site is currently zoned as M3-1 and M1-2 (manufacturing). The Site is bounded to the north by an easement area associated with the Belt Parkway, followed by the Belt Parkway (a.k.a. Shore Parkway), followed by parking lots; to the east by the Metropolitan Transit Authority (MTA) D, F, N, and Q train lines, followed by vacant land and MTA's Coney Island Yard; to the south by Coney Island Creek; and to the west by Stillwell Avenue, followed by Coney Island Creek. The greater surrounding area is mixed use with primarily auto-related uses (auto repair shops and parking lots) with some commercial use.

There are no sensitive receptors (i.e., schools, daycares, or hospitals) within 600 feet of the Site. The nearest sensitive receptors include John Dewey High School (approximately 1,400 feet to the northwest) and Graffiti Ministries Learning Center (approximately 1,500 feet to the southwest).

Surrounding land use and sensitive receptors are shown on Figure 3.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Topographical maps indicate that the Site was comprised of marshland in 1891 and 1898 and was subsequently filled in and depicted as vacant land by 1947. Historical Sanborn maps indicate that the Site included a dwelling on the north-central portion of the Site and a small structure labeled "office" with a one-story structure labeled "junk" just north of the small office on the southern edge of the Site in 1930. Additionally, a portion of Canal Avenue bisected the Site through the center and occupied the southwestern portion of the Site in 1930. Sanborn maps also indicate that the Site operated as an auto salvage and wrecking yard around the 1950s, became vacant by 1966, and resumed auto salvage and wrecking operations starting in 1979 and continuing to April 2023. City directories reviewed as part of the Phase I Environmental Site Assessment (ESA) indicate that the Site operated as auto wrecking and salvage from 1940 to April 2023 under "Hub Auto Wrecking Co." (1940), "Johnson's Auto Glass Co." (1949), "City Wide Auto Salvage Ltd." (1976), and "T&J Salvage Corp" (1985 to 2023).

The Volunteer (2647 Stillwell Avenue Property LLC) acquired the Site on May 11, 2023. Known previous Site owners include: Alfonse J. Falcone (1972), 2647 Stillwell Avenue Corp. (1972-2004), The City of New York (1977), Frank Benedetto (1977-1981), and M.A.A.T.T. LLC (2004-2023).

2.2 Proposed Redevelopment Plan

Currently, there are no expectations to construct a building at the Site. The anticipated future uses of the Site include logistics, trucking, and distribution. Redevelopment also contemplates the installation of a photovoltaic solar system to support community distributed solar generated electricity and/or on-Site use. No residential occupants or other uses are planned at the Site for the foreseeable future.

2.3 Previous Environmental Reports

Subsurface (Phase II) Investigation – 2647 Stillwell Avenue, Brooklyn, New York, AKRF Inc., June 2015

AKRF conducted a Subsurface (Phase II) Investigation at the Site in May 2015 based on the findings of a January 2015 Phase I ESA. The scope of work for this investigation included the advancement of six soil borings; the installation of three permanent groundwater monitoring wells; the collection of soil and groundwater samples for laboratory analyses; and the collection of water and sediment samples from select on-site dry wells/catch basins for laboratory analysis.

Two soil samples were collected from each boring: one from the interval exhibiting the greatest contamination, and one from just above the groundwater interface. The soil samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA Method 6000/7000 series.

Six drywells/catch basins (DW-1 through DW-6) were identified and inspected at the Site. Two water samples were collected using dedicated bailers from drywells containing standing water (DW-1 and DW-2), while a sediment sample was collected from DW-4, which had appreciable amounts of sediment. Sediment and water samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, RCRA metals by EPA Method 6000/7000 series, and PCBs using EPA Method 8081.

The groundwater monitoring wells were installed approximately 5 feet below the water table, which was observed at between 8 and 11 feet below ground surface (bgs). The wells were developed and purged prior to sampling with dedicated sampling equipment. Groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, RCRA metals by EPA Method 6000/7000 series, and PCBs using EPA Method 8081.

The following is a summary of the findings:

Soil and Sediment Analytical Results

- The petroleum-related VOC, 1,2,4-trimethylbenzene, was detected in one or more soil samples exceeding the NYSDEC Unrestricted Use Soil Cleanup Objective (UUSCO) and in one sample (SB-4) exceeding the Commercial Use Soil Cleanup Objective (CSCO).
- Eight other VOCs were detected above the UUSCOs, but below the CSCOs in one or more soil samples including: 1,3,5-trimethylbenzene, acetone, benzene, ethylbenzene, n-propylbenzene, naphthalene, toluene, and total xylenes.
- Eight SVOCs [3-methylphenol/4-methylphenol, benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene] were detected in the soil samples at concentrations above the UUSCOs. Benzo(a)pyrene was also detected above the CSCO in five samples.
- Five metals were detected in soil above the UUSCOs and/or CSCOs including: arsenic [maximum concentration of 31 milligrams per kilogram (mg/kg)], barium (maximum concentration of 570 mg/kg), lead (maximum concentration of 670 mg/kg), mercury (maximum concentration of 1.3 mg/kg), and silver (maximum concentration 2.7 mg/kg). Exceedances were detected in the fill layer observed throughout the Site.
- Total PCBs were detected in two shallow samples collected from borings SB-5 and SB-6 at concentrations above the UUSCO of 0.1 mg/kg, but below the CSCO of 1 mg/kg.

Groundwater and Drywell Analytical Results

- Ten VOCs were detected in one or more groundwater samples at concentrations exceeding the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs), including: 1,2,4-trimethylbenzene, 1,2,4,5-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, ethylbenzene, isopropyl benzene, methyl tertiary butyl ether (MTBE), naphthalene, total xylenes, and toluene.
- Three SVOCs were detected above the AWQSGVs in drywell/catch basin water and groundwater samples. Benzo(b)fluoranthene was detected in groundwater at a concentration of 0.1 micrograms per liter (µg/L), above its AWQSGVs of 0.002 µg/L. Bis(2-ethylhexyl) phthalate was detected in two drywell/catch basin samples at concentrations ranging from 38 (µg/L) to 120 µg/L, above its AWQSGVs of 5 µg/L. Chrysene was detected at concentrations ranging from 0.07 µg/L to 0.67 µg/L in the groundwater wells, above its AWQSGV of 0.002 µg/L.
- Lead, chromium, and barium were detected at concentrations exceeding their respective AWQSGVs in the unfiltered (total) metals analysis from drywell/catch basin and groundwater samples. No metals were detected at concentrations above the AWQSGVs in the lab filtered (dissolved) metals analysis, suggesting sediment related sources.
- No PCBs were detected above laboratory reporting limits in any of the groundwater or drywell/catch basin liquid samples.

Site Inspection Report - T&J Salvage, 2647 Stillwell Avenue, Brooklyn, New York, Weston Solutions Inc., December 2021

Weston Solutions, Inc. (Weston) conducted a Site Inspection (SI) between September 2020 and December 2021 to document conditions at the Site. At the time of the inspection, T&J Auto Salvage managed the Site under National Pollutant Discharge Elimination System (NPDES) Permit No. NYR00D555, allowing stormwater runoff to discharge to Coney Island Creek. Between 2009 and 2017, toluene, benzene, ethylbenzene, total xylenes, iron, aluminum, and lead were detected at the discharge monitoring point; however, the Weston Site Inspection Report did not include the Discharge Monitoring Reports or identify the location of the discharge. Weston Site Assessment Team V (SAT V) performed a pre-sampling reconnaissance in March 2021 to identify potential sample locations and noted poor housekeeping within the facility, including a lack of secondary containment.

In April 2021, Weston collected 12 surface water and 63 sediment samples from Coney Island Creek and Shell Bank Creek to be analyzed for VOCs, SVOCs, pesticides, PCBs, and metals. The laboratory data results were not included in the report; however, Weston provided a summary of the results. Contaminants in creek sediments that were detected three times higher than background conditions or greater than the highest reporting detection limit (RDL) included:

- The VOC 1,2,4- trimethylbenzene;
- The SVOCs anthracene, benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, bis(2-ethylhexyl) phthalate, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene;
- The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, cis-chlordane, and trans-chlordane; and
- The metals barium, cadmium, calcium, chromium, cyanide, lead, silver, and zinc.

In June 2021, Weston collected 22 soil samples and four groundwater samples from the Site for analysis of VOCs, SVOCs, pesticides, PCBs, and metals. A summary of the laboratory results is provided below:

- The VOC 1,2,4-trimethylbenzene was detected at a concentration of 11 mg/kg, above the UUSCO of 3.6 mg/kg but below the CSCO of 190 mg/kg. No other VOCs were detected above the UUSCOs or CSCOs.
- SVOCs, primarily PAHs, were detected above the UUSCOs at concentrations up to 5 mg/kg. Dibenzo(a,h)anthracene was detected above the CSCO of 560 mg/kg at a concentration of 600 mg/kg.
- PCBs were not detected at concentrations above the UUSCOs or CSCOs.
- The pesticides 4,4'-DDD and 4,4'-DDT were detected at concentrations up to 0.04 mg/kg, above the UUSCO of 0.0033 mg/kg but below the CSCOs.
- Barium, cadmium, lead, mercury, silver, and zinc were detected above the UUSCOs. Barium was detected above the CSCO of 400 mg/kg at concentrations up to 5,300 mg/kg. Lead was detected above the CSCO of 1,000 mg/kg at concentrations up to 5,900 mg/kg.

Groundwater sample concentrations were relatively low, and Weston indicated that the concentrations do not indicate a release of contaminants into groundwater.

Phase I Environmental Site Assessment, 2647 Stillwell Avenue, Brooklyn, New York, AKRF Inc., October 2022

AKRF prepared a Phase I ESA in September 2022. The Phase I ESA was conducted in conformance with the scope and limitations of American Society for Testing & Materials (ASTM) Practice E1527-13 but also incorporated the requirements for the new ASTM Standard E1527-21. The Phase I ESA included a visual inspection of the Site and a review of regulatory database records and historical records. The assessment identified the following Recognized Environmental Conditions (RECs) in connection with the Site:

- The Site has operated as an auto wrecking and salvage facility since approximately 1930. Common products and wastes at an auto salvage shop include motor oil, solvents and degreasers, waste oil, hydraulic fluid, anti-freeze, paints, and gasoline. Historic automotive salvage uses appear to have affected the Site subsurface environment. Previous subsurface investigations identified elevated levels of SVOCs and metals in soil above the NYSDEC CSCOs. Petroleum-related compounds and SVOCs were detected at elevated concentrations in groundwater and drywell water samples. Additionally, a test pit investigation performed by Key Environmental in 2001 revealed contamination with oil/engine fluid in the top 3 feet of soil along with the presence of buried small machine parts. Minor oil staining was observed in the vicinity of eleven 5-gallon containers of oil and two 2-gallon cans of kerosene being stored in a warehouse on the southern portion of the Site. NYSDEC Spill Nos. 0330026 and 0330015 identified free product and floating petroleum at the Site in 2010. The spills were later closed following an inspection performed by NYSDEC.
- The Site is listed on several regulatory databases, including Superfund Enterprise Management System (SEMS), Resource Conservation and Recovery Information System (RCRIS), Emergency Response Notification System (ERNS), US Aerometric Information Retrieval System Facility Subsystem (AIRS), Facility Index System/Facility Registry System (FINDS), Enforcement and Compliance History Information (ECHO), Solid Waste Facilities/Landfill Sites (SWF/LF), New York State Spills Information Database (NY Spills), and NY MANIFEST. The databases identify the Site as T&J Salvage and Stillwell Ready-Mix and Building Materials, LLC, and note suspected illegal cement dumping into Coney Island Creek and active vehicle dismantling operations. Additionally, NYSDEC identified the Site as a potential inactive hazardous waste disposal site in a letter dated April 5, 2022. If NYSDEC determines that hazardous waste has been disposed of on the Site, the Site will be listed on the Registry of Inactive Hazardous Waste Disposal Sites. However, the P-listing letter offers that the Subject Property can be entered into the New York State Brownfield Cleanup Program (the "BCP") to investigate the Subject Property and to remediate the conditions at the Subject Property whereby the Subject Property can avoid being listed on the Registry.
- Former Brooklyn Borough Gas Works was located approximately 200 feet east (cross-gradient) of the Site between approximately 1930 through 2007. The facility was shown on historical Sanborn maps with gas holders and a tar separator, and is listed on several databases, including SHWS, State Institutional Controls/Engineering Controls, and Manufactured Gas Plant (MGP) Sites.
- The regulatory database search identified proximal facilities that have some potential to have affected the environmental integrity of the Site, including spill listings, RCRA facilities, and historical auto repair facilities.

Limited Subsurface (Phase II) Investigation, 2647 Stillwell Avenue, Brooklyn, New York, AKRF Inc., February 2023

In February 2023, AKRF performed a Limited Subsurface (Phase II) Investigation on Lots 200, 203, 205, and 211 to provide additional data to supplement the October 2022 BCP Application and support an eligibility determination by NYSDEC that included all six of the Site's tax lots in the Brownfield Cleanup Agreement (Lots 200, 203, 205, 206, 211, and 213).

The investigation included a geophysical survey to search for unknown underground storage tanks (USTs), sanitary or stormwater drainage structures, and to identify potential utilities near proposed boring locations; advancement of 8 soil borings with the collection and laboratory analysis of 20 soil samples; the installation of 4 two-inch diameter permanent groundwater monitoring wells with the collection and laboratory analysis of 4 groundwater samples to evaluate groundwater quality; and the installation of 3 temporary soil vapor probes with the collection and laboratory analysis of 3 soil vapor samples.

At each boring location, one soil sample was collected from the 2-foot interval directly below existing pavement and a second sample was collected from the 2-foot interval immediately above the groundwater table (encountered between 8 and 11 feet below grade in the soil borings). Due to field-related evidence of contamination [elevated photoionization detector (PID) readings, petroleum like odors, or slight sheen] in soil borings SB-07, SB-09, SB-12, and SB-14, a third sample was collected from 9 to 11 feet below grade, 3 to 5 feet below ground surface (bgs), 2 to 4 feet bgs, and 2 to 4 feet bgs, respectively. Soil samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, and TAL metals by EPA Method 6000/7000 series using Category B deliverables.

Four 2-inch-diameter permanent groundwater monitoring wells (MW-07 through MW-10) were installed at the Site. All groundwater monitoring wells were constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen installed approximately 5 feet into the observed water table. Groundwater samples were analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270 using Category B deliverables.

Three temporary soil vapor points were installed to approximately 5 feet bgs. At each location, one vapor sample was collected over approximately 2 hours in a 6-Liter SUMMA® canister for VOC analysis by EPA Method TO-15.

The following is a summary of the findings:

Soil and Sediment Analytical Results

- VOCs were detected in 19 of the 20 soil samples. One VOC, 1,2,4-trimethylbenzene, was detected at concentrations up to 370 mg/kg in sample SB-14_2-4_20230201, above its respective CSCO.
- SVOCs were detected in all 20 of the soil samples. The SVOCs benzo(a)anthracene (maximum of 55 mg/kg), benzo(a)pyrene (maximum of 55 mg/kg), benzo(b)fluoranthene (maximum of 69 mg/kg), dibenz(a,h)anthracene (maximum of 8 mg/kg), and indeno(1,2,3-cd)pyrene (maximum of 37 mg/kg) were detected at concentrations above their respective CSCOs.
- Up to 23 of the 23 TAL metals analyzed were detected in all 20 soil samples. Of the detections, arsenic (maximum of 47 mg/kg), barium (maximum of 636 mg/kg), copper (maximum of 363 mg/kg), and lead (maximum of 3,360 mg/kg) were detected at concentrations above their respective CSCOs.

Groundwater

- VOCs were detected in all four groundwater samples. The VOCs acetone (maximum of 70 µg/L), benzene (maximum of 11 µg/L), chloroform (maximum of 7.6 µg/L), m,p-xylenes (maximum of 12 µg/L), and methyl ethyl ketone (MEK) (maximum of 65 µg/L) on two lots (Lots 200 and 203) were detected at concentrations above their respective AWQSGVs.
- SVOCs were detected in all four of the groundwater samples. The SVOCs 1,4-dioxane, 2-methylnapthalene, 4-methylphenol, naphthalene, and phenol were detected at concentrations up to 2.4 µg/L. No SVOCs were detected at concentrations above their respective AWQSGVs.

Soil Vapor

- Petroleum-related VOCs (including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 4-ethyltoluene, benzene, cyclohexane, ethylbenzene, m,p-xylenes, MEK, n-heptane, n-hexane, o-xylene, styrene, and toluene) were detected in the soil vapor samples at individual concentrations up to 9,700 micrograms per cubic meter (µg/m^3) from a diluted analysis (n-hexane in sample SV-09_20230201 on Lot 205).
- Other VOCs, including compounds typically associated with solvents [such as acetone, carbon disulfide, chlorobenzene, chloroform, dichlorodifluoromethane, isopropanol, tetrachloroethylene (PCE), trichloroethylene (TCE), and trichlorofluoromethane] were detected in the soil vapor samples at individual concentrations up to 200 µg/m^3 from a diluted analysis (acetone in sample SV-09_20230201 on Lot 205).

Previous environmental reports are included in Appendix A.

2.4 Areas of Concern (AOCs)

The following environmental issues, discussed in Section 2.3, were considered areas of concern (AOCs) for the RI:

- The Site's former industrial use as an automotive salvage yard.
- Elevated concentrations of petroleum-related compounds, semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and select metals in soil samples that were identified during 2015 and 2021 environmental investigations.
- Elevated concentrations of petroleum-related compounds, SVOCs, and select metals in groundwater and drywell samples that were identified during 2015 and 2021 environmental investigations.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

Contact information for the parties responsible for the work described in this RIR are included in Table A:

Table A
Project Organization

Company	Individual Name	Title	Contact Number
NYSDEC	Michael Sollecito	Project Manager	(518) 402-2198
NYSDOH	Johnathan Robinson	Project Manager	(518) 402-7881
AKRF	Stephen Malinowski, QEP	Project Director	(631) 574-3724
	Adrianna Bosco	Project Manager	(646) 388-9576
	Michael Bates	Field Team Leader/ Site Safety Officer	(914) 355-0693
2647 Stillwell Avenue Property LLC	Ryan Nelson	BCP Volunteer Representative	(917) 346-5942

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The RI described in this RIR was also performed in accordance with the Site-specific HASP dated May 2023.

4.0 REMEDIAL INVESTIGATION (RI) ACTIVITIES

The RI was conducted between May 1 and 5, and May 17, 18, and 24, 2023, and included the following scope of work:

1. A geophysical survey across accessible portions of the Site and utility mark-outs.
2. The advancement of 14 soil borings with the collection and laboratory analysis of two to three soil samples from each boring.
3. An evaluation of five on-site stormwater structures to determine their construction and point(s) of discharge, and the collection of three sediment samples from accessible stormwater structures.
4. The installation of 5 permanent groundwater monitoring wells with the collection and laboratory analysis of 9 groundwater samples (including 4 samples from monitoring wells installed in February 2023).
5. The installation of 6 temporary soil vapor probes and the collection and laboratory analysis of 6 soil gas samples.
6. A groundwater monitoring well elevation and location survey of the monitoring wells installed in February and May 2023.

The locations of the soil borings, groundwater monitoring wells, and temporary soil vapor point locations are shown on Figure 2.

4.1 Geophysical Survey

A geophysical survey was conducted across accessible portions of the Site by Accu-Scan GPR Corp. (Accu-Scan) of Middle Village, New York to investigate the presence of potential underground storage tanks (USTs) and subsurface utilities, and to clear the proposed sampling locations. The geophysical survey included ground penetrating radar (GPR) and radiodetection methods.

The geophysical survey did not identify any anomalies consistent with potential USTs at the Site. Anomalies consistent with underground utilities were identified throughout the Site and were marked appropriately. The geophysical survey was also utilized to identify and trace drainage lines associated with on-site catch basins to support a stormwater outfall inspection, as described in Section 4.2. The Geophysical Investigation Report is included as Appendix B.

4.2 Stormwater Outfall Inspection

On May 3, 2023, AKRF conducted a stormwater outfall inspection to further investigate whether any outfall pipes are present along that discharge into Coney Island Creek. AKRF used a boat to inspect the Site from Coney Island Creek as well as geophysical techniques to located and trace pipes on-site.

The inspection identified one stormwater outfall along the Site's southwestern boundary with Coney Island Creek. Based on the GPR survey, the on-site catch basins connect to one another and discharge to the outfall. The location of the outfall and catch basin drainage lines are shown on Figure 2. Photographs of the outfall are included in Appendix C.

4.3 Soil Boring Advancement and Catch Basin Sediment Sampling

Between May 1 and 5, 2023, 14 soil borings (RI-SB-01 through RI-SB-14) were advanced by Eastern Environmental Solutions, Inc. (Eastern) of Manorville, New York throughout the Site using a Geoprobe® direct-push probe (DPP) drill rig, under the oversight of AKRF. Additionally, three sediment samples (RI-CB-03 through RI-CB-05) were collected from three of the five on-site

stormwater structures. Sediment samples were not collected from RI-CB-01 or RI-CB-02 due to the insufficient amount of sediment observed at the bottom of the concrete structure. The soil boring locations are shown on Figure 2. Borings that were converted into permanent monitoring wells (RI-SB-01 through RI-SB-05) were advanced to 20 feet below ground surface (bgs). The remaining nine borings were advanced to the target depth of 15 feet bgs with the exception of RI-SB-12 and RI-SB-13 which were collected along the shoreline with a hand auger and advanced to a depth of 2 feet bgs. The sediment samples (RI-CB-03 through RI-CB-05) were collected from the bottom of each stormwater structure with a stainless steel hand-auger.

Three soil samples were collected from each soil boring to the bottom of the boring terminus which ranged from 2 to 20 feet bgs, with the exception of RI-SB-12 and RI-SB-13 where one soil sample was collected from each boring. The soil boring locations that were converted into groundwater monitoring wells (RI-SB-01 through RI-SB-05) were surveyed by Fehringer Surveying, P.C., a New York State-licensed surveyor. The remaining soil boring locations were measured against Site boundaries and fixed landmarks upon their completion. Lithological cross-sections are provided on Figures 4 and 5. Soil boring logs are provided in Appendix D.

4.4 Groundwater Monitoring Well Installation

Five 2-inch-diameter permanent groundwater monitoring wells (RI-MW-01 through RI-MW-05) were installed by Eastern using a Geoprobe® drill rig fitted with hollow stem augers between May 1 to 5, 2023, under the oversight of AKRF. The groundwater well locations are shown on Figure 2. All groundwater monitoring wells were constructed with 15 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen installed approximately 10 feet below the observed water table and 5 feet above the observed water table. A No. 02 morie sand pack was installed around the well screens, followed by two feet of hydrated bentonite. Sand was backfilled to one foot below surface grade with non-shrinking cement grout installed above to surface grade. Each of the wells were finished with a locking j-plug, locking flush-mounted protective well cover, and concrete pad.

Groundwater well construction details and sampling location rationale are summarized in Table B.

Table B
Groundwater Monitoring Well Construction Details and Rationale

Monitoring Well ID	On-Site Well Location	Screened Intervals (feet below grade)	Rationale for Sampling Location
RI-MW-01	Northern	10 to 20 feet	To assess groundwater quality on the northern portion of the Site, adjacent to former auto maintenance staining, and determine Site-specific groundwater flow direction and elevation.
RI-MW-02	Southern Central	10 to 20 feet	To assess groundwater quality on the southern central portion of the Site, downgradient of the former auto salvage operations, and determine Site-specific groundwater flow direction and elevation.

Monitoring Well ID	On-Site Well Location	Screened Intervals (feet below grade)	Rationale for Sampling Location
RI-MW-03	Northeastern	10 to 20 feet	To assess groundwater quality on the northern portion of the Site, downgradient of off-site wrecked car storage, and determine Site-specific groundwater flow direction and elevation.
RI-MW-04	Eastern	10 to 20 feet	To assess groundwater quality on the eastern portion of the Site, and determine Site-specific groundwater flow direction and elevation.
RI-MW-05	Southeastern	10 to 20 feet	To assess groundwater quality on the southeastern portion of the Site, within the former concrete mix operations, and determine Site-specific groundwater flow direction and elevation.

The groundwater monitoring well locations are shown on Figure 2. Groundwater monitoring well construction logs are provided in Appendix D. Groundwater sample analytical results are discussed in Section 5.3.

4.5 Groundwater Monitoring Well Development

Following installation, each well was developed via pumping and surging with a Peristaltic or Monsoon pump affixed with dedicated high-density polyethylene (HDPE) tubing to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Development water was monitored with a Horiba U-52 water quality meter during purging. The goal of well development was to reduce turbidity within the well until less than 50 nephelometric turbidity units (NTUs) were recorded for three successive readings, and until water quality indicators [pH, temperature, oxidation reduction potential (ORP), dissolved oxygen, and specific conductivity] stabilized to within 10% for three successive readings. Monitoring wells were developed until groundwater was visibly clear, and water quality indicators stabilized. All purged groundwater was containerized in New York State Department of Transportation (NYSDOT)-approved 55-gallon drums for off-site disposal. Investigation-derived waste (IDW) is discussed in Section 4.7.9.

Groundwater monitoring well development logs are provided in Appendix E.

4.6 Groundwater Monitoring Well Elevation and Location Survey

On May 17, 2023, the RI groundwater monitoring wells (RI-MW-01 through RI-MW-05) and previously installed monitoring wells RI-MW-07 through RI-MW-10 were surveyed by Fehringer Surveying, P.C, a New York State-licensed surveyor. Elevation measurements were taken at the access cover and on the north side of the top of the PVC casing at each of the groundwater monitoring wells; location measurements were taken at the access cover. Horizontal and vertical datum were tied to the North American Vertical Datum of 1988 (NAVD88). The groundwater elevation ranged from 1.57 to 2.38 feet NAVD. Based on the surveyed elevations, groundwater flows in a generally southerly to southeasterly direction across the Site; however, there appears to be a mounding area in the central portion of the Site, causing the groundwater to flow in the opposite direction in the northern half of the Site. The May 2023 groundwater contour map is shown

on Figure 6A. AKRF gauged the wells a second time on September 22, 2023, to re-evaluate groundwater flow beneath the Site. Figure 6B shows that along the eastern portion of the Site, groundwater is flowing in a southerly direction toward Coney Island Creek. In the western portion of the Site, groundwater is flowing in an easterly to southeasterly direction. The differences in groundwater flow between May and September is likely related to tidal influence due to the Site's close proximity to Coney Island Creek.

The locations of the groundwater monitoring wells are shown on Figure 2. The May 2023 and September 2023 groundwater elevation contour maps are included as Figure 6A and Figure 6B, respectively, and groundwater elevation data is presented in Table 1. The groundwater monitoring well elevation survey for the Site is provided as Appendix F, and groundwater sampling logs are provided as Appendix G.

4.7 Temporary Soil Vapor Point Installation

Six temporary soil vapor points (RI-SV-01 through RI-SV-06) were installed at the locations shown on Figure 2. The six soil vapor points were installed 8 feet bgs below asphalt and/or concrete paved areas. At each soil vapor point, a 6-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed by hand or through the drilling rods and threaded into the drive point. The sample tubing was extended from the bottom end of the screen to above grade. The rods were then removed and the borings were backfilled with clean silica sand above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface on all soil vapor points.

The soil vapor sampling logs, provided as Appendix H, include vapor point construction details.

4.8 Sample Collection and Chemical Analysis

Soil, groundwater, and soil vapor were sampled and evaluated in this RIR. The sampling performed, as presented below, provides a basis for the evaluation of subsurface Site conditions and potential remedial actions with respect to the media sampled.

4.8.1 Soil and Sediment Sampling

Soil cores from soil borings RI-SB-01 through RI-SB-11 and RI-SB-14 were collected in decontaminated 5-foot-long, 2-inch-diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. Soil cores from borings RI-SB-12 and RI-SB-13 and the three sediment samples collected from the stormwater structures (RI-CB-03 through RI-CB-05) were collected via a decontaminated stainless-steel hand auger. All sampling equipment was either dedicated or decontaminated between sampling locations.

Soil cores were field-screened using a PID equipped with an 11.7 electron volt (eV) lamp and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications. At each boring location, AKRF field personnel recorded and documented subsurface conditions. Evidence of contamination, including elevated PID readings above background conditions (most notably in RI-SB-02 through SB-04, SB-06 and SB-08 with the highest being 108.6 ppm in SB-04) and petroleum- (RI-SB-02) and solvent-like (RI-SB-03, RI-SB-04 and RI-SB-08) odors were encountered in the soil borings. Evidence of free phase product [non-aqueous phase liquid (NAPL)] was not identified during the RI.

During the RI, 39 soil samples and 3 sediment samples were submitted for laboratory analysis. Up to three soil samples were collected from each soil boring location. At each

boring location, one soil sample was collected from the upper 2 feet beneath the concrete slab or existing pavement, a second sample was collected from the two-foot interval above the water table and the third sample was collected from the interval displaying the greatest degree of contamination or the middle of the fill layer.

All soil and sediment samples were submitted to Eurofins Environment Testing Northeast, LLC of Edison, New Jersey (Eurofins Edison), a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory, in accordance with EPA chain of custody (CoC) protocols.

Soil samples collected were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and PFAS by EPA Method 1633. Sediment samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E and TAL metals by EPA Method 6000/7000 series.

Soil sampling locations, depths, and rationales are summarized in Table C.

Table C
Soil Boring and Sediment Details and Sampling Rationale

Soil Boring/Sample Location	On-Site Location	Sample Depth Intervals (feet below grade)	Rationale
RI-SB-01	Northern	0 to 2, 2 to 4, 9 to 11	To assess soil quality in the northern portion of the Site, adjacent to former auto maintenance staining.
RI-SB-02	Southern central	0 to 2, 5 to 7, 8 to 10, 13	To assess soil quality in the southern central portion of the Site, downgradient from the former auto salvage operations.
RI-SB-03	Northeastern	0 to 2, 2 to 4, 8 to 10	To assess soil quality in the northeastern portion of the Site.
RI-SB-04	Eastern	0 to 2, 2 to 4, 8 to 10	To assess soil quality in the eastern portion of the Site, within former car storage area.
RI-SB-05	Southeastern	0 to 2, 5 to 7, 8 to 10	To assess soil quality in the southeastern portion of the former concrete mix facility.
RI-SB-06	Northern	0 to 2, 5 to 7, 7 to 9	To assess soil quality in the northern portion of the Site, near former auto staining.
RI-SB-07	Central	0 to 2, 5 to 7, 8 to 10	To assess soil quality in the central portion of the Site, near former auto parts storage.
RI-SB-08	Northeastern	0 to 2, 2 to 4, 8 to 10	To assess soil quality in the northeastern portion of the Site.
RI-SB-09	Northeastern	0 to 2, 6 to 8, 8 to 10	To assess soil quality in the northeastern corner of the Site.
RI-SB-10	Southeastern	0 to 2, 6 to 8, 8 to 10	To assess soil quality in the southeastern portion of the Site.

Soil Boring/Sample Location	On-Site Location	Sample Depth Intervals (feet below grade)	Rationale
RI-SB-11	Southeastern	0 to 2, 2 to 4, 8 to 10	To assess soil quality in the southeastern portion of the Site.
RI-SB-12	Southeastern	0 to 2	To assess soil quality in the southeastern portion of the Site.
RI-SB-13	Southeastern	0 to 2	To assess soil quality in the southeastern central portion of the Site.
RI-SB-14	Western	0 to 2, 5 to 7, 8 to 10	To assess soil quality in the western portion of the Site.
CB-03	Top 6 to 12 inches of sediment at the bottom of the drain	Northwestern	To assess soil quality of the potential drainage structure, if it is determined to drain to the earth.
CB-04	Top 6 to 12 inches of sediment at the bottom of the drain	Northwestern	To assess soil quality of the potential drainage structure, if it is determined to drain to the earth.
CB-05	Top 6 to 12 inches of sediment at the bottom of the drain	Northcentral	To assess soil quality of the potential drainage structure, if it is determined to drain to the earth.

4.8.2 Soil Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes, two matrix spike/matrix spike duplicate (MS/MSD) samples, two blind duplicate samples, two aqueous field blanks and three equipment blanks were submitted for laboratory analysis as discussed in Section 4.7.7. The equipment blank samples were submitted for laboratory analysis of PFAS by EPA Method 1633 only.

Soil and sediment samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. The soil and sediment samples were analyzed by Eurofins Edison. Third-party data validation was performed by L.A.B. Validation Corp., of East Northport, New York, and Data Usability Summary Reports (DUSRs) were prepared.

DUSRs are further discussed in Section 4.7.7, and soil analytical data is discussed in Section 5.2. The soil boring locations are shown on Figure 2. Soil boring logs are provided in Appendix D.

4.8.3 Groundwater Sampling

Groundwater samples were collected from the nine monitoring wells in accordance with EPA low flow sampling methodology, the NYSDEC guidance for *Sampling, Analysis, And Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs,* dated April 2023, and the Site-specific QAPP (included as Appendix A of the RIWP). Groundwater samples were collected using dedicated and decontaminated sampling equipment. The groundwater samples were collected a minimum of one week after well development.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the groundwater monitoring wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. Free phase product was not detected in the groundwater monitoring wells during installation, purging, or sampling. Purging of the wells continued with a submersible pump affixed with dedicated high-density polyethylene (HDPE) tubing until groundwater was visibly clear, and water quality indicators stabilized. All purge water from the groundwater monitoring wells was containerized in labeled, NYSDOT-approved 55-gallon drums for off-site disposal at a permitted facility. Disposal of IDW is further discussed in Section 4.7.9.

The groundwater samples were submitted to Eurofins Edison for analysis of VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and PFAS by EPA Method 1633. Groundwater samples were collected on May 17 and 18, 2023. Due to an issue with the bottle ware and sample preservation for the total and dissolved metals analysis, five of the monitoring wells (RI-MW-01, RI-MW-04, RI-MW-07, RI-MW-08, and RI-MW-10) were resampled for total and dissolved metals on May 24, 2023.

4.8.4 Groundwater Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes, one MS/MSD, one blind duplicate sample, one aqueous field blank, one equipment blank, and one aqueous trip blank, and were collected and submitted with the groundwater samples. The MS/MSD, field blank, and blind duplicate samples were submitted for the same laboratory analyses as the accompanying groundwater samples; the trip blank was submitted for laboratory analysis of VOCs by EPA Method 8260 only. The equipment blank was analyzed for PFAS only.

Sample containers were labeled, placed in ice-filled coolers, and shipped to the laboratory via courier with CoC documentation. The laboratory samples were analyzed by Eurofins Edison with Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp and DUSRs were prepared.

DUSRs are further discussed in Section 4.7.7, and groundwater analytical data is discussed in Section 5.3. Groundwater sampling logs are provided in Appendix G.

4.8.5 Soil Vapor Sampling

Six soil vapor samples (RI-SV-01 through RI-SV-06) were collected from the temporary soil vapor points shown on Figure 2. Prior to collection, each temporary soil vapor sampling point was purged of approximately three sample volumes using a low-flow air pump at a flow rate of approximately 0.2 liter per minute. During purging, a shroud was placed over each sampling point and helium gas was introduced to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using an 11.7 eV PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points passed the seal integrity tests with helium detections of non-detect.

After purging, probes RI-SV-01 through RI-SV-06 were connected via Teflon™-lined polyethylene tubing to a laboratory-supplied batch-certified 6-Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum

(inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory.

Soil vapor sampling locations, depths, and rationales are summarized in Table D.

Table D
Soil Vapor Sample Details

Soil Vapor Point ID	Temporary Soil Vapor Point Location	Sampling Depth (below existing slab pavement)	Purged Vapor PID Reading (ppm)	Rationale For Sampling Location
RI-SV-01	Northern	8 feet	9.0	To determine concentrations of VOCs on the northern portion of the Site, determine if there is a potential vapor intrusion concern, and to support the QHHEA.
RI-SV-02	Southern central	8 feet	6.2	To determine concentrations of VOCs on the southern central portion of the Site, evaluate the potential for off-site exposure to the south, and determine if there is a potential vapor intrusion concern for a new structure. To determine off-site conditions and support the QHHEA.
RI-SV-03	Northeastern	8 feet	87.6	To determine concentrations of VOCs on the central northeastern of the Site, evaluate the potential for off-site exposure to the north, and determine if there is a potential vapor intrusion concern. To determine off-site conditions and support the QHHEA.
RI-SV-04	Eastern	8 feet	2.9	To determine concentrations of VOCs on the eastern portion of the Site, and determine if there is a potential vapor intrusion concern.
RI-SV-05	Southeastern	8 feet	ND	To determine concentrations of VOCs on the southeastern portion of the Site, evaluate the potential for off-site exposure to the east, and determine if there is a potential vapor intrusion concern.
RI-SV-06	South central	8 feet	ND	To determine concentrations of VOCs on the south-central portion of the Site, evaluate the potential for off-site exposure to the south, and determine if there is a vapor intrusion concern. To determine off-site conditions and support the QHHEA.

Notes:
ppm – parts per million
ND – Non-detect

Methodologies used for soil vapor assessment conform to the *New York State Department of Health Final Guidance on Soil Vapor Intrusion*, October 2006; updated May, 2017. The vapor samples were analyzed for VOCs by EPA Method TO-15 by Eurofins Burlington within TestAmerica Laboratories, Inc. (Eurofins Burlington) with Category B deliverables.

Sample containers were shipped to the laboratory via courier with appropriate CoC documentation. Third-party data validation was performed by L.A.B. Validation Corp and DUSRs were prepared.

DUSRs are further discussed in Section 4.7.7, and soil vapor analytical data is discussed in Section 5.4. Soil vapor sample locations are shown on Figure 2. Soil vapor sampling logs are included as Appendix H.

4.8.6 Chemical Analysis

Chemical analytical work has been performed under a QA program, which is summarized in Table E.

Table E
QA Program

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Stephen Malinowski of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratories used in the RI were Eurofins of Edison, New Jersey and Eurofins of Burlington, Vermont.
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260D • SVOCs by EPA Method 8270E • PCBs by EPA Method 8082A • Pesticides by EPA Method 8081B • TAL Metals by EPA Method 6000/7000 series • Cyanide by EPA Method 9012 • Hexavalent chromium by EPA Method 7196A • 1,4-Dioxane by EPA Method 8270E • PFAS by EPA Method 1633 Groundwater analytical methods: • VOCs by EPA Method 8260D • SVOCs by EPA Method 8270E • PCBs by EPA Method 8082A • Pesticides by EPA Method 8081B • TAL Metals (total and dissolved) by EPA Method 6000/7000 series • Cyanide By EPA Method 9012 • 1,4-Dioxane by EPA Method 8270E SIM • PFAS by EPA Method 1633 Soil vapor analytical method: • VOCs by EPA Method TO-15

4.8.7 Data Validation

The DUSRs concluded that the overall assessment of the data generated was of acceptable quality. The soil, groundwater, and soil vapor DUSRs identified additional qualifiers for specific compounds, as explained in Appendix I. The data was determined to be acceptable for use with the additional data qualifiers. The qualifiers have been added to the soil,

groundwater, and soil vapor data summary tables provided as Tables 2 through 15, and are summarized below:

- J: The concentration given is an estimated value.
- K: Reported concentration value is proportional to dilution factor and may be exaggerated.
- L: Sample result is estimated and biased low.
- R: DUSR indicates the reported result is unusable. (Note: the analyte may or may not be present.)
- U: The analyte was not detected at the indicated concentration.
- D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

4.8.8 Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor samples are summarized in Tables 2 through 10, Tables 11 through 17, and Table 18, respectively. Soil sample concentrations above UUSCOs and CSCOs, and PFAS concentrations above NYSDEC guidance values are shown on Figure 7. Groundwater sample concentrations above AWQSGVs and PFAS concentrations above NYSDEC guidance values are shown on Figure 8. Soil vapor analytical results are shown on Figure 9. Laboratory data deliverables are provided in digital form in Appendix I.

4.8.9 Management of Investigation-Derived Waste (IDW)

Handling of IDW and backfilling of boreholes was conducted in accordance with Section 3.3(e) of DER-10. IDW that did not exhibit evidence of contamination (e.g., staining, elevated PID readings, oily sheens, odors, etc.) was used to backfill the corresponding borehole that generated them to within 24 inches of the surface. All development and purge water from the investigation was containerized in NYSDOT-approved 55-gallon drums.

The drums were sealed at the end of each workday and labeled with the date, the well or boring number, the type of waste (i.e., drill cuttings, decontamination fluids, development water, or purge water) and the name of an AKRF point-of-contact. All drums were labeled "pending analysis" until laboratory data became available. All boreholes were restored at the surface with concrete after being backfilled. Three drums containing development and purge water (approximately 220 gallons) and one drum of drill cuttings were transported off-site by Eastern for disposal at Clean Water of New York in Staten Island, NY on June 13, 2023, in accordance with applicable regulations. The fully executed IDW disposal manifest is included as Appendix J.

4.8.10 Deviations from the Remedial Investigation Work Plan (RIWP)

The following components of the RI deviated from the RIWP:

- Due to limited access and the depth of the water table being at the 0–2-foot interval at the location of SB-12 and SB-13, only one sample (0-2 feet below the water table) was collected at each location instead of two samples.
- Sediment samples were not collected from RI-CB-01 or RI-CB-02 due to the insufficient amount of sediment observed at the bottom of the concrete structures.

None of the deviations referenced above materially affected achieving the objectives of the RI.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Stratigraphy

The stratigraphy of the Site, from the surface down, generally consisted of uncontrolled fill material comprising sand, gravel, and silt, with varying amounts of brick, wood, concrete, glass, and asphalt extending from grade to approximately 9 to 12 feet below grade. The fill layer was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 20 feet below grade). Bedrock was not encountered during the RI.

5.1.2 Hydrogeology

In May 2023, the groundwater elevation ranged from 1.57 to 2.38 (NAVD88), or 8.05 to 9.96 feet below grade. In September 2023, the groundwater elevation ranged from 1.41 to 4.18 (NAVD88), or 6.95 to 10.35 feet below grade. Based the well elevation survey and two gauging events, groundwater flows in a generally southerly to southeasterly direction toward Coney Island Creek but is tidally influenced as the Site is located adjacent to the water.

5.2 Soil Chemistry

A total of 39 soil samples were collected for laboratory analysis from soil borings RI-SB-01 through RI-SB-14. Three sediment samples were collected from three of the stormwater structures (RI-CB-03 through RI-CB-05). The soil samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270E, and PFAS by EPA Method 1633. The sediment samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E and TAL metals by EPA Method 6000/7000 series. The soil and sediment sample analytical results were compared to the 6 NYCRR Part 375 UUSCOs and CSCOs. Concentrations of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were compared to the guidance values for UUSCOs and CSCOs presented in the April 2023 NYSDEC Sampling, Analysis and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs. No standard currently exists in New York State for 1,4-dioxane in soil.

Soil and sediment sample analytical results are presented in Tables 2 through 10. Soil sample concentrations above UUSCOs, CSCOs, and NYSDEC PFAS guidance values are shown on Figure 7. Soil laboratory analytical data reports are included in Appendix I.

5.2.1 Volatile Organic Compounds (VOCs) in Soil

Nine VOCs (1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, ethylbenzene, methylene chloride, n-propylbenzene, toluene, and xylenes) were detected at concentrations above their UUSCOs in 21 soil samples, two of which were from the stormwater structures and two blind duplicates. One VOC, 1,2,4-trimethylbenzene, was also detected above the CSCO in sample RI-SB-08_2-4_20230501.

Table F summarizes VOC exceedances above UUSCOs and CSCOs in soil samples.

Table F
VOC Concentrations in Soil Samples Above UUSCOs and CSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
1,2,4-Trimethylbenzene	RI-SB-03_2-4_20230503	3.6	190	**11**
	RI-SB-06_5-7_20230501			**29**
	RI-SB-08_2-4_20230501			**220**
	RI-CB-03_20230504			**160**
1,3,5-Trimethylbenzene	RI-SB-06_5-7_20230501	8.4	190	**11**
	RI-SB-08_2-4_20230501			**84**
	RI-CB-03_20230504			**72**
Acetone	RI-SB-01_0-2_20230501	0.05	500	**0.052**
	RI-SB-01_2-4_20230501			**0.099**
	RI-SB-01_9-11_20230501			**0.085**
	RI-SB-02_5-7_20230504			**0.066**
	RI-SB-X2_20230504			**0.095**
	RI-SB-03_0-2_20230503			**0.071**
	RI-SB-03_8-10_20230503			**0.27**
	RI-SB-04_0-2_20230502			**0.074**
	RI-SB-04_2-4_20230502			**0.25**
	RI-SB-X1_20230502			**0.15**
	RI-SB-05_0-2_20230503			**0.059**
	RI-SB-05_5-7_20230503			**0.095**
	RI-SB-06_0-2_20230501			**0.079**
	RI-SB-06_5-7_20230501			**0.95**
	RI-SB-11_0-2_20230502			**0.12**
	RI-SB-11_2-4_20230502			**0.082**
	RI-SB-13_0-2_20230503			**0.07**
	RI-SB-14_0-2_20230504			**0.087**
	RI-CB-04_20230504			**0.067**
Benzene	RI-SB-06_5-7_20230501	0.06	44	**0.11**
	RI-SB-06_7-9_20230501			**0.13**
	RI-SB-08_2-4_20230501			**0.61**
	RI-SB-03_2-4_20230503			**0.20**
	RI-CB-03_20230504			**1.1**
Ethylbenzene	RI-SB-06_5-7_20230501	1	390	**3.5**
	RI-SB-08_2-4_20230501			**23**
	RI-SB-03_2-4_20230503			**1.4**
	RI-CB-03_20230504			**31**
Methylene Chloride	RI-SB-06_5-7_20230501	0.05	500	**0.071**
	RI-SB-06_7-9_20230501			**0.084**
	RI-SB-03_2-4_20230503			**0.079**

Analyte	Soil Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
N-propylbenzene	RI-SB-08_2-4_20230501	3.9	500	**17**
	RI-CB-03_20230504			**14**
Toluene	RI-SB-08_2-4_20230501	0.7	500	**1.4**
	RI-CB-03_20230504			**3.5**
Total xylenes	RI-SB-06_5-7_20230501	0.26	500	**31**
	RI-SB-06_7-9_20230501			**0.81**
	RI-SB-08_2-4_20230501			**170**
	RI-SB-03_2-4_20230503			**9.9**
	RI-CB-03_20230504			**320**

Notes:
mg/kg: milligrams per kilogram
Sample detections that exceed the UUSCO are shown in bold.
Sample detections that exceed the CSCO are highlighted in gray.

Soil and sediment analytical results for VOCs are presented in Tables 2 and 3, respectively.

5.2.2 Semivolatile Organic Compounds (SVOCs) in Soil

Seven SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene and indeno(1,2,3-c,d)pyrene] were detected at concentrations above their respective UUSCOs in 24 samples. Five of the SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were additionally detected above the CSCOs.

Table G summarizes SVOC exceedances above UUSCOs and CSCOs in soil samples.

Table G
SVOC Concentrations in Soil Samples Above UUSCOs or UUSCOs/CSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Benzo(a)Anthracene	RI-SB-01_9-11_20230501	1	5.6	**3.8**
	RI-SB-02_8-10_20230504			**7.4**
	RI-SB-02_13_20230504			**8.3**
	RI-SB-04_0-2_20230502			**17**
	RI-SB-04_8-10_20230502			**5.9**
	RI-SB-05_5-7_20230503			**2.7**
	RI-SB-05_8-10_20230503			**5.6**
	RI-SB-06_5-7_20230501			**1.5**
	RI-SB-06_7-9_20230501			**2.4**
	RI-SB-07_8-10_20230501			**2.4**
	RI-SB-09_6-8_20230502			**7**
	RI-SB-10_6-8_20230503			**2.2**
	RI-SB-11_8-10_20230502			**1.9**
	RI-SB-14_8-10_20230504			**2.5**
Benzo(a)Pyrene	RI-SB-01_9-11_20230501	1	1	**3.2**
	RI-SB-02_8-10_20230504			**6.9**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Benzo(a)Pyrene	RI-SB-02_13_20230504	1	1	**7.7**
	RI-SB-04_0-2_20230502			**18**
	RI-SB-04_8-10_20230502			**5.6**
	RI-SB-05_5-7_20230503			**2.7**
	RI-SB-05_8-10_20230503			**5.4**
	RI-SB-06_5-7_20230501			**1.5**
	RI-SB-06_7-9_20230501			**2.3**
	RI-SB-07_8-10_20230501			**2.3**
	RI-SB-09_6-8_20230502			**6.7**
	RI-SB-10_6-8_20230503			**2.3**
	RI-SB-11_8-10_20230502			**2.4**
	RI-SB-14_8-10_20230504			**2.1**
Benzo(b)Fluoranthene	RI-SB-01_0-2_20230501	1	5.6	**1.2**
	RI-SB-01_9-11_20230501			**5.0**
	RI-SB-02_8-10_20230504			**8.6**
	RI-SB-02_13_20230504			**8.1**
	RI-SB-03_2-4_20230503			**1.2**
	RI-SB-03_8-10_20230503			**1.2**
	RI-SB-04_0-2_20230502			**23**
	RI-SB-04_8-10_20230502			**6.9**
	RI-SB-X1_20230502			**1.1**
	RI-SB-05_5-7_20230503			**3.1**
	RI-SB-05_8-10_20230503			**6.7**
	RI-SB-06_0-2_20230501			**1.1**
	RI-SB-06_5-7_20230501			**2.5**
	RI-SB-06_7-9_20230501			**3.0**
	RI-SB-07_0-2_20230501			**1.1**
	RI-SB-07_5-7_20230501			**1.5**
	RI-SB-07_8-10_20230501			**2.7**
	RI-SB-09_0-2_20230502			**1.2**
	RI-SB-09_6-8_20230502			**8.5**
	RI-SB-10_6-8_20230503			**2.7**
	RI-SB-11_8-10_20230502			**3.0**
	RI-SB-14_8-10_20230504			**2.5**
Benzo(k)Fluoranthene	RI-SB-01_9-11_20230501	0.8	56	**2.0**
	RI-SB-02_8-10_20230504			**3.1**
	RI-SB-02_13_20230504			**2.5**
	RI-SB-04_0-2_20230502			**7.6**
	RI-SB-04_8-10_20230502			**2.4**
	RI-SB-05_5-7_20230503			**1.2**
	RI-SB-05_8-10_20230503			**2.6**
	RI-SB-06_5-7_20230501			**1.3**
	RI-SB-06_7-9_20230501			**1.7**
	RI-SB-07_8-10_20230501			**0.98**
	RI-SB-09_6-8_20230502			**2.8**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Benzo(k)Fluoranthene	RI-SB-10_6-8_20230503	0.8	56	**1.0**
	RI-SB-11_8-10_20230502			**1.0**
	RI-SB-14_8-10_20230504			**1.0**
Chrysene	RI-SB-01_9-11_20230501	1	56	**3.6**
	RI-SB-02_8-10_20230504			**7.2**
	RI-SB-02_13_20230504			**8.0**
	RI-SB-04_0-2_20230502			**17**
	RI-SB-04_8-10_20230502			**6.3**
	RI-SB-05_5-7_20230503			**2.7**
	RI-SB-05_8-10_20230503			**5.3**
	RI-SB-06_5-7_20230501			**1.5**
	RI-SB-06_7-9_20230501			**2.4**
	RI-SB-07_5-7_20230501			**1.1**
	RI-SB-07_8-10_20230501			**2.4**
	RI-SB-09_6-8_20230502			**7.0**
	RI-SB-10_6-8_20230503			**2.2**
	RI-SB-11_8-10_20230502			**2.0**
	RI-SB-13_0-2_20230503			**1.1**
	RI-SB-14_8-10_20230504			**2.3**
Dibenz(a,h)anthracene	RI-SB-02_8-10_20230504	0.33	0.56	**1.1**
	RI-SB-02_13_20230504			**0.81**
	RI-SB-04_0-2_20230502			**2.1**
	RI-SB-04_8-10_20230502			**0.75**
	RI-SB-05_5-7_20230503			**0.37**
	RI-SB-05_8-10_20230503			**0.71**
	RI-SB-07_8-10_20230501			**0.36**
	RI-SB-09_6-8_20230502			**0.91**
	RI-SB-11_8-10_20230502			**0.51**
Indeno(1,2,3-c,d)Pyrene	RI-SB-01_9-11_20230501	0.5	5.6	**1.4**
	RI-SB-02_8-10_20230504			**5.1**
	RI-SB-02_13_20230504			**3.0**
	RI-SB-03_2-4_20230503			**0.60**
	RI-SB-03_8-10_20230503			**0.63**
	RI-SB-04_0-2_20230502			**15**
	RI-SB-04_8-10_20230502			**3.4**
	RI-SB-05_5-7_20230503			**1.3**
	RI-SB-05_8-10_20230503			**2.8**
	RI-SB-06_0-2_20230501			**0.93**
	RI-SB-06_5-7_20230501			**0.85**
	RI-SB-06_7-9_20230501			**1.0**
	RI-SB-07_0-2_20230501			**1.1**
	RI-SB-07_5-7_20230501			**0.88**
	RI-SB-07_8-10_20230501			**1.5**
	RI-SB-09_0-2_20230502			**0.76**
	RI-SB-09_6-8_20230502			**4.2**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Indeno(1,2,3-c,d)Pyrene	RI-SB-10_0-2_20230503	0.5	5.6	**0.64**
	RI-SB-10_6-8_20230503			**1.2**
	RI-SB-11_8-10_20230502			**2.6**
	RI-SB-13_0-2_20230503			**0.68**
	RI-SB-14_8-10_20230504			**1.4**
Notes: mg/kg: milligrams per kilogram Sample detections that exceed the UUSCO are shown in bold. Sample detections that exceed the CSCO are highlighted in gray.				

Soil and sediment analytical results for SVOCs are presented in Tables 4 and 5, respectively.

5.2.3 Target Analyte List (TAL) Metals in Soil

Ten metals (arsenic, barium, cadmium, copper, lead, manganese, mercury, nickel, silver, and zinc) were detected in 39 soil samples across the Site above their respective UUSCOs. Arsenic, barium, cadmium, copper, lead, nickel, and mercury were detected in up to nine samples at concentrations above the CSCOs.

Table H summarizes metals exceedances above UUSCOs and CSCOs in soil samples.

Table H
TAL Metals Concentrations in Soil Samples Above UUSCOs or UUSCOs/CSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Arsenic	RI-SB-02_13_20230504	13	16	**21.8**
	RI-SB-03_8-10_20230503			**28.4**
	RI-SB-06_0-2_20230501			**16.6**
	RI-SB-09_6-8_20230502			**26.6**
	RI-SB-09_8-10_20230502			**32.2**
	RI-SB-11_8-10_20230502			**37.6**
	RI-SB-13_0-2_20230503			**35.0**
	RI-SB-14_8-10_20230504			**14.9**
	RI-CB-04_20230504			**24.8**
Barium	RI-SB-02_8-10_20230504	350	400	**843**
	RI-SB-02_13_20230504			**364**
	RI-SB-03_8-10_20230503			**1,420**
	RI-SB-04_8-10_20230502			**605**
	RI-SB-05_5-7_20230503			**2,690**
	RI-SB-05_8-10_20230503			**396**
	RI-SB-06_0-2_20230501			**356**
	RI-SB-09_6-8_20230502			**424**
	RI-SB-09_8-10_20230502			**1,170**
	RI-SB-10_6-8_20230503			**1,290**
	RI-SB-10_8-10_20230503			**403**
	RI-SB-11_2-4_20230502			**374**
	RI-SB-11_8-10_20230502			**1,960**
	RI-SB-14_8-10_20230504			**577**
Cadmium	RI-SB-01_9-11_20230501	2.5	9.3	**19.2**
	RI-SB-02_13_20230504			**3.0**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Cadmium	RI-SB-03_8-10_20230503	2.5	9.3	**17.3**
	RI-SB-X1_20230502			**4.0**
	RI-SB-08_8-10_20230501			**2.8**
	RI-SB-11_8-10_20230502			**6.2**
	RI-SB-14_0-2_20230504			**2.9**
	RI-CB-05_20230504			**2.7**
Copper	RI-SB-01_0-2_20230501	50	270	**50.7**
	RI-SB-02_0-2_20230504			**51.5**
	RI-SB-02_8-10_20230504			**125**
	RI-SB-02_13_20230504			**166**
	RI-SB-03_8-10_20230503			**513**
	RI-SB-04_0-2_20230502			**67.9**
	RI-SB-04_2-4_20230502			**71.9**
	RI-SB-X1_20230502			**114**
	RI-SB-05_8-10_20230503			**79.2**
	RI-SB-06_7-9_20230501			**457**
	RI-SB-08_8-10_20230501			**166**
	RI-SB-10_0-2_20230503			**112**
	RI-SB-10_6-8_20230503			**74.1**
	RI-SB-10_8-10_20230503			**61.7**
	RI-SB-11_2-4_20230502			**52.3**
	RI-SB-11_8-10_20230502			**174**
	RI-SB-12_0-2_20230503			**116**
	RI-SB-13_0-2_20230503			**2,240**
	RI-SB-14_0-2_20230504			**129**
	RI-SB-14_8-10_20230504			**231**
	RI-CB-03_20230504			**172**
	RI-CB-04_20230504			**249**
	RI-CB-05_20230504			**102**
Lead	RI-SB-01_0-2_20230501	63	1,000	**228**
	RI-SB-01_2-4_20230501			**316**
	RI-SB-01_9-11_20230501			**291**
	RI-SB-02_0-2_20230504			**361**
	RI-SB-02_5-7_20230504			**508**
	RI-SB-02_8-10_20230504			**1,250**
	RI-SB-X2_20230504			**161**
	RI-SB-03_0-2_20230503			**118**
	RI-SB-03_2-4_20230503			**340**
	RI-SB-03_8-10_20230503			**1,840**
	RI-SB-04_0-2_20230502			**7,960**
	RI-SB-04_2-4_20230502			**835**
	RI-SB-X1_20230502			**711**
	RI-SB-04_8-10_20230502			**850**
	RI-SB-05_0-2_20230503			**214**
	RI-SB-05_5-7_20230503			**774**
	RI-SB-05_8-10_20230503			**729**
	RI-SB-06_0-2_20230501			**685**
	RI-SB-06_0-2_20230501			**486**
	RI-SB-06_7-9_20230501			**537**
	RI-SB-07_0-2_20230501			**315**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Lead	RI-SB-07_5-7_20230501	63	1,000	**165**
	RI-SB-07_8-10_20230501			**316**
	RI-SB-08_0-2_20230501			**162**
	RI-SB-08_2-4_20230501			**1,680**
	RI-SB-08_8-10_20230501			**2,980**
	RI-SB-09_0-2_20230502			**122**
	RI-SB-09_6-8_20230502			**2,260**
	RI-SB-09_8-10_20230502			**6,390**
	RI-SB-10_0-2_20230503			**571**
	RI-SB-10_6-8_20230503			**884**
	RI-SB-10_8-10_20230503			**252**
	RI-SB-11_0-2_20230502			**203**
	RI-SB-11_2-4_20230502			**692**
	RI-SB-11_8-10_20230502			**4,020**
	RI-SB-12_0-2_20230503			**167**
	RI-SB-13_0-2_20230503			**1,790**
	RI-SB-14_0-2_20230504			**481**
	RI-SB-14_5-7_20230504			**173**
	RI-SB-14_8-10_20230504			**1,790**
	RI-CB-03_20230504			**90.7**
	RI-CB-04_20230504			**145**
	RI-CB-05_20230504			**148**
	RI-SB-02_13_20230504			**1,320**
Manganese	RI-SB-08_0-2_20230501	1600	10,000	**2310**
Nickel	RI-SB-01_2-4_20230501	30	310	**37.5**
	RI-SB-02_0-2_20230504			**57.4**
	RI-SB-02_5-7_20230504			**36.7**
	RI-SB-X2_20230504			**31.2**
	RI-SB-02_8-10_20230504			**35.7**
	RI-SB-03_0-2_20230503			**30.6**
	RI-SB-03_8-10_20230503			**96.8**
	RI-SB-04_2-4_20230502			**39.8**
	RI-SB-X1_20230502			**45.8**
	RI-SB-04_8-10_20230502			**36.9**
	RI-SB-05_0-2_20230503			**30.7**
	RI-SB-05_8-10_20230503			**50.3**
	RI-SB-06_0-2_20230501			**56.9**
	RI-SB-06_7-9_20230501			**251**
	RI-SB-07_5-7_20230501			**37.1**
	RI-SB-10_0-2_20230503			**30.7**
	RI-SB-10_8-10_20230503			**43.2**
	RI-SB-11_0-2_20230502			**48.8**
	RI-SB-11_8-10_20230502			**74**
	RI-SB-12_0-2_20230503			**73.1**
	RI-SB-13_0-2_20230503			**415**
	RI-SB-14_0-2_20230504			**49.4**
	RI-CB-03_20230504			**46.4**
	RI-CB-04_20230504			**101**
	RI-CB-05_20230504			**34.9**
Silver	RI-SB-11_0-2_20230502	2	1,500	**3.3**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Silver	RI-SB-13_0-2_20230503	2	1,500	**4.6**
	RI-CB-03_20230504			**2.2**
	RI-CB-04_20230504			**3.5**
	RI-CB-05_20230504			**2.2**
Zinc	RI-SB-01_0-2_20230501	109	10000	**128**
	RI-SB-01_2-4_20230501			**157**
	RI-SB-01_9-11_20230501			**4050**
	RI-SB-06_0-2_20230501			**362**
	RI-SB-06_0-2_20230501			**300**
	RI-SB-06_7-9_20230501			**275**
	RI-SB-07_0-2_20230501			**226**
	RI-SB-07_5-7_20230501			**137**
	RI-SB-07_8-10_20230501			**535**
	RI-SB-08_0-2_20230501			**141**
	RI-SB-08_2-4_20230501			**607**
	RI-SB-08_8-10_20230501			**1690**
	RI-SB-11_0-2_20230502			**146**
	RI-SB-11_2-4_20230502			**368**
	RI-SB-11_8-10_20230502			**5000**
	RI-SB-09_0-2_20230502			**120**
	RI-SB-09_6-8_20230502			**715**
	RI-SB-09_8-10_20230502			**737**
	RI-SB-04_0-2_20230502			**331**
	RI-SB-04_2-4_20230502			**344**
	RI-SB-04_8-10_20230502			**303**
	RI-SB-X1_20230502			**7140**
	RI-SB-03_0-2_20230503			**112**
	RI-SB-03_2-4_20230503			**229**
	RI-SB-03_8-10_20230503			**2890**
	RI-SB-12_0-2_20230503			**137**
	RI-SB-13_0-2_20230503			**1540**
	RI-SB-05_0-2_20230503			**167**
	RI-SB-05_5-7_20230503			**1010**
	RI-SB-05_8-10_20230503			**384**
	RI-SB-10_0-2_20230503			**406**
	RI-SB-10_6-8_20230503			**1340**
	RI-SB-10_8-10_20230503			**260**
	RI-SB-02_0-2_20230504			**340**
	RI-SB-02_5-7_20230504			**432**
	RI-SB-02_8-10_20230504			**935**
	RI-SB-X2_20230504			**223**
	RI-SB-14_0-2_20230504			**451**
	RI-SB-14_5-7_20230504			**187**
	RI-SB-14_8-10_20230504			**671**
	RI-CB-03_20230504			**974**
	RI-CB-04_20230504			**1340**
	RI-CB-05_20230504			**1060**
	RI-SB-02_13_20230504			**1450**
Mercury	RI-SB-06_0-2_20230501	0.18	2.8	**0.59**
	RI-SB-06_0-2_20230501			**0.19**

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Mercury	RI-SB-07_5-7_20230501	0.18	2.8	**0.38**
	RI-SB-07_8-10_20230501			**0.23**
	RI-SB-11_2-4_20230502			**0.44**
	RI-SB-09_0-2_20230502			**0.19**
	RI-SB-09_6-8_20230502			**0.39**
	RI-SB-09_8-10_20230502			**0.25**
	RI-SB-04_0-2_20230502			**0.19**
	RI-SB-04_2-4_20230502			**0.82**
	RI-SB-X1_20230502			**1.6**
	RI-SB-03_8-10_20230503			**1.6**
	RI-SB-13_0-2_20230503			**33.4**
	RI-SB-05_0-2_20230503			**0.23**
	RI-SB-05_5-7_20230503			**0.23**
	RI-SB-05_8-10_20230503			**0.67**
	RI-SB-10_0-2_20230503			**0.55**
	RI-SB-10_6-8_20230503			**0.52**
	RI-SB-10_8-10_20230503			**0.28**
	RI-SB-02_8-10_20230504			**0.35**
	RI-SB-X2_20230504			**0.35**
	RI-SB-14_0-2_20230504			**0.29**
	RI-SB-14_8-10_20230504			**2.0**

Notes:
mg/kg: milligrams per kilogram
Sample detections that exceed the UUSCO are shown in bold.
Sample detections that exceed the CSCO are highlighted in gray.

Soil and sediment analytical results for TAL metals are presented in Tables 6 and 7.

5.2.4 Polychlorinated Biphenyls (PCBs) in Soil

Total PCBs were detected at concentrations exceeding the UUSCO in 10 samples and 1 blind duplicate.

Table I summarizes PCB exceedances above the UUSCO in soil samples.

Table I
PCB Concentrations in Soil Samples Above UUSCO

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Total PCBs	RI-SB-01_0-2_20230501	0.1	1	**0.17**
	RI-SB-01_9-11_20230501			**0.32**
	RI-SB-06_0-2_20230501			**0.19**
	RI-SB-07_5-7_20230501			**0.65**
	RI-SB-08_0-2_20230501			**0.16**
	RI-SB-08_2-4_20230501			**0.32**
	RI-SB-04_0-2_20230502			**0.17**
	RI-SB-04_2-4_20230502			**0.25**
	RI-SB-X1_20230502			**0.14**
	RI-SB-03_8-10_20230503			**0.50**

Notes:

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
mg/kg: milligrams per kilogram Sample detections that exceed the UUSCO are shown in bold. Sample detections that exceed the CSCO are highlighted in gray.				

Soil analytical results for PCBs are presented in Table 8.

5.2.5 Pesticides in Soil

Three pesticides, 4,4'-DDD, 4,4'-DDE and 4,4'-DDT, were detected at concentrations exceeding their respective UUSCOs in 16 samples and 1 blind duplicate.

Table J summarizes pesticide exceedances above UUSCOs in soil samples.

Table J
Pesticide Concentrations in Soil Samples Above UUSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
4,4'-DDD	RI-SB-01_0-2_20230501	0.0033	92	**0.012**
	RI-SB-01_9-11_20230501			**0.030**
	RI-SB-06_0-2_20230501			**0.020**
	RI-SB-11_0-2_20230502			**0.011**
	RI-SB-03_0-2_20230503			**0.0095**
	RI-SB-03_2-4_20230503			**0.012**
	RI-SB-03_8-10_20230503			**0.035**
	RI-SB-13_0-2_20230503			**0.022 J**
	RI-SB-05_0-2_20230503			**0.0053 J**
	RI-SB-05_5-7_20230503			**0.031**
	RI-SB-10_6-8_20230503			**0.0065 J**
	RI-SB-02_5-7_20230504			**0.0034 J**
	RI-SB-X2_20230504			**0.0054 J**
	RI-SB-02_13_20230504			**0.010**
4,4'-DDE	RI-SB-01_0-2_20230501	0.0033	62	**0.011**
	RI-SB-01_9-11_20230501			**0.065**
	RI-SB-06_0-2_20230501			**0.064**
	RI-SB-08_0-2_20230501			**0.0057**
	RI-SB-11_0-2_20230502			**0.0059**
	RI-SB-11_2-4_20230502			**0.0044**
	RI-SB-03_0-2_20230503			**0.011**
	RI-SB-05_0-2_20230503			**0.0035**
	RI-SB-05_5-7_20230503			**0.043**
	RI-SB-10_6-8_20230503			**0.0094**
	RI-SB-X2_20230504			**0.0048**
4,4'-DDT	RI-SB-05_5-7_20230503	0.0033	47	**0.36**
	RI-SB-05_8-10_20230503			**0.014**
	RI-SB-10_6-8_20230503			**0.070**
Notes: mg/kg: milligrams per kilogram J: indicates an estimated value				

Analyte	Sample Identification	UUSCO (mg/kg)	CSCO (mg/kg)	Concentration (mg/kg)
Sample detections that exceed the UUSCO are shown in bold. Sample detections that exceed the CSCO are highlighted in gray.				

Soil analytical results for pesticides are presented in Table 9.

5.2.6 Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane in Soil

PFOA was detected above the NYSDEC April 2023 Unrestricted Use Guidance Value (UUGV) of 0.66 parts per billion (ppb) in 10 soil samples, but below the Commercial Guidance Value (CGV) of 500 ppb.

PFOS was detected above the NYSDEC April 2023 UUGV of 0.88 ppb in 35 soil samples, but below the CGV of 440 ppb.

1,4-dioxane was not detected above laboratory reporting limits.

Table K summarizes PFAS exceedances above UUGVs in soil samples.

Table K
PFOA and PFOS Concentrations in Soil Samples Above UUGVs

Analyte	Sample Identification	UUGV (ppb)	CGV (ppb)	Concentration (ppb)
PFOA	RI-SB-03_0-2_20230503	0.66	500	**0.74**
	RI-SB-05_8-10_20230503			**1.04**
	RI-SB-08_8-10_20230501			**0.85**
	RI-SB-09_6-8_20230502			**2.57**
	RI-SB-09_8-10_20230502			**0.84**
	RI-SB-10_0-2_20230503			**0.73**
	RI-SB-10_6-8_20230503			**0.93**
	RI-SB-12_0-2_20230503			**0.69**
	RI-SB-14_5-7_20230504			**0.76**
	RI-SB-X1_20230502			**1.7**
PFOS	RI-SB-02_0-2_20230504	0.88	440	**2.53**
	RI-SB-02_5-7_20230504			**0.97**
	RI-SB-02_8-10_20230504			**2.67**
	RI-SB-03_0-2_20230503			**2.36**
	RI-SB-04_0-2_20230502			**1.23**
	RI-SB-04_2-4_20230502			**2.86**
	RI-SB-04_8-10_20230502			**1.09**
	RI-SB-X1_20230502			**2.04**
	RI-SB-05_0-2_20230503			**3.04**
	RI-SB-06_5-7_20230501			**2.51**
	RI-SB-07_0-2_20230501			**2.55**
	RI-SB-08_2-4_20230501			**1.53**
	RI-SB-09_0-2_20230502			**2.42**
	RI-SB-09_6-8_20230502			**1.71**

Analyte	Sample Identification	UUGV (ppb)	CGV (ppb)	Concentration (ppb)
PFOS	RI-SB-10_0-2_20230503	0.88	440	**9.62**
	RI-SB-10_6-8_20230503			**3.45**
	RI-SB-11_2-4_20230502			**2.04**
	RI-SB-13_0-2_20230503			**7.5**
	RI-SB-14_0-2_20230504			**1.76**
	RI-SB-14_5-7_20230504			**1.93**

Notes:
ppb: parts per billion
Sample detections that exceed the UUGVs are shown in bold.
Sample detections that exceed the CGVs are highlighted in gray.

Soil analytical results for 1,4-dioxane are presented in Tables 4 and 5. Soil analytical results for PFAS are presented in Table 10.

5.3 Groundwater Chemistry

Nine groundwater samples were collected for laboratory analysis from groundwater monitoring wells RI-MW-01 through RI-MW-05 and RI-MW-07 through RI-MW-10. Groundwater samples were analyzed for VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012, 1,4-dioxane by EPA Method 8270E Selective Ion Monitoring (SIM), and PFAS by EPA Method 1633. Groundwater sample analytical results for VOCs, SVOCs, PCBs, pesticides, and total/dissolved metals were conservatively compared to the NYSDEC Class GA AWQSGVs. PFOA, PFOS, and 1,4-dioxane concentrations were compared to the NYSDEC March 2023 Ambient Water Quality Guidance Values for Human Health. These standards are drinking water standards, although groundwater in Brooklyn is not used as a source of potable water.

Groundwater sample analytical results are presented in Tables 11 through 17. Groundwater sample concentrations above the AWQSGVs or NYSDEC PFAS guidance values are shown on Figure 8. Groundwater laboratory analytical data reports are included in Appendix I.

5.3.1 Volatile Organic Compounds (VOCs) in Groundwater

The fuel-related VOCs, benzene, m/p-xylenes, and tert-butyl methyl ether (MTBE) were detected in up to three groundwater samples at concentrations above the AWQSGVs.

Eleven additional VOCs [1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone (MEK), 4-methyl-2-pentatnone (MIBK), acetone, cyclohexane, ethylbenzene, isopropylbenzene, methylcyclohexane, total xylenes, and toluene] were detected at concentrations below the AWQSGVs.

Table L summarizes VOC exceedances above the AWQSGVs in groundwater samples.

Table L
VOC Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Benzene	RI-MW-08_20230517	1	5.6
	RI-MW-X1_20230517		5.9
M,P-Xylenes	RI-MW-08_20230517	5	9.9

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
M,P-Xylenes	RI-MW-X1_20230517	5	12
MTBE	RI-MW-03_20230518	10	14
Notes: µg/L: micrograms per liter			

Groundwater analytical results for VOCs are presented in Table 11.

5.3.2 Semi-volatile Organic Compounds (SVOCs) in Groundwater

1,4-dioxane was detected in three samples (RI-MW-08_20230517 and its blind duplicate, and RI-MW-09_20230518) at concentrations above the NYSDEC guidance value of 0.35 µg/L.

Caprolactam, 3 & 4 methylphenol, and 4-methylpehenol were detected below their respective AWQSGVs.

Table M summarizes VOC exceedances above the AWQSGVs in groundwater samples.

Table M
SVOC Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
1,4-dioxane	RI-MW-08_20230517	0.35	0.53
	RI-MW-X1_20230517		0.57
	RI-MW-09_20230518		1
Notes: µg/L: micrograms per liter			

Groundwater analytical results for SVOCs are presented in Table 12.

5.3.3 Metals in Groundwater

Total (Unfiltered) Metals

Five metals (antimony, iron, lead, manganese, and sodium) were detected above their respective AWQSGVs in the nine unfiltered groundwater samples (plus the blind duplicate). Of the 23 metals analyzed for, 15 metals were detected at low levels below the AWQSGVs in the groundwater samples.

Table N summarizes total (unfiltered) metals exceedances above AWQSGVs in groundwater samples.

Table N
Total (Unfiltered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Antimony	RI-MW-05_20230518	3	3.8
Iron	RI-MW-01_20230524	300	23,500
	RI-MW-02_20230518		5,230
	RI-MW-03_20230518		23,300
	RI-MW-04_20230524		1,290
	RI-MW-05_20230518		1,400
	RI-MW-07_20230524		2,370
	RI-MW-08_20230524		20,600
	RI-MW-09_20230518		7,410
	RI-MW-10_20230524		11,200
	RI-MW-X1_20230524		20,400
Lead	RI-MW-01_20230524	25	39.1
	RI-MW-03_20230518		146
	RI-MW-04_20230524		108
	RI-MW-07_20230524		104
	RI-MW-08_20230524		190
	RI-MW-09_20230518		78.1
	RI-MW-X1_20230524		236
Manganese	RI-MW-01_20230524	300	391
	RI-MW-02_20230518		954
	RI-MW-03_20230518		582
	RI-MW-07_20230524		338
	RI-MW-08_20230524		458
	RI-MW-10_20230524		671
	RI-MW-X1_20230524		440
Sodium	RI-MW-01_20230524	20,000	563,000
	RI-MW-02_20230518		4,650,000
	RI-MW-03_20230518		404,000
	RI-MW-04_20230524		120,000
	RI-MW-05_20230518		43,400
	RI-MW-07_20230524		189,000
	RI-MW-08_20230524		139,000
	RI-MW-09_20230518		118,000
	RI-MW-10_20230524		321,000
	RI-MW-X1_20230524		132,000

Notes:
µg/L: micrograms per liter

Groundwater analytical results for total (unfiltered) metals are presented in Table 13.

Dissolved (Filtered) Metals

Antimony, iron, manganese and sodium were detected above the AWQSGVs in the nine filtered groundwater samples (plus the blind duplicate). Aluminum, arsenic, barium,

calcium, cobalt, copper, lead, magnesium, nickel, potassium, selenium, vanadium, and zinc were detected in the groundwater samples at low levels below the AWQSGVs.

Table O summarizes dissolved (filtered) metal exceedances above AWQSGVs in groundwater samples.

Table O
Dissolved (Filtered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Antimony	RI-MW-05_20230518	3	3.4
Iron	RI-MW-01_20230524	300	23,900
	RI-MW-02_20230518		4,990
	RI-MW-03_20230518		19,700
	RI-MW-07_20230524		1,560
	RI-MW-08_20230524		20,200
	RI-MW-09_20230518		4,820
	RI-MW-10_20230524		10,300
	RI-MW-X1_20230524		20,600
Manganese	RI-MW-01_20230524	300	429
	RI-MW-02_20230518		984
	RI-MW-03_20230518		565
	RI-MW-07_20230524		386
	RI-MW-08_20230524		472
	RI-MW-10_20230524		740
	RI-MW-X1_20230524		471
Sodium	RI-MW-01_20230524	20,000	634,000
	RI-MW-02_20230518		4,850,000
	RI-MW-03_20230518		386,000
	RI-MW-04_20230524		135,000
	RI-MW-05_20230518		40,600
	RI-MW-07_20230524		213,000
	RI-MW-08_20230524		151,000
	RI-MW-09_20230518		112,000
	RI-MW-10_20230524		367,000
	RI-MW-X1_20230524		151,000

Notes:
µg/L: micrograms per liter

Groundwater analytical results for dissolved (filtered) metals are presented in Table 14.

5.3.4 Polychlorinated Biphenyls (PCBs) in Groundwater

Total PCBs were not detected above laboratory reporting limits in any of the groundwater samples.

Groundwater analytical results for PCBs are presented in Table 15.

5.3.5 Pesticides in Groundwater

Pesticides were not detected above laboratory reporting limits in any of the groundwater samples.

Groundwater analytical results for pesticides are presented in Table 16.

5.3.6 Per- and Polyfluoroalkyl Substances (PFAS) in Groundwater

PFOA and PFOS were detected in all nine groundwater samples (plus the blind duplicate) at concentrations above the NYSDEC Ambient Water Quality Guidance Values for Human Health.

Table P summarizes the PFOA and PFOS exceedances above the NYSDEC screening levels in groundwater samples.

Table P
PFOA and PFOS Concentrations in Groundwater Samples Above the NYSDEC Guidance Values

Analyte	Sample	NYSDEC Guidance Value (ppt)	Concentration (ppt)
PFOA	RI-MW-01_20230517	6.7	102
	RI-MW-02_20230518		21.6
	RI-MW-03_20230518		142
	RI-MW-04_20230518		14.2
	RI-MW-05_20230518		21.7
	RI-MW-07_20230517		25.4
	RI-MW-08_20230517		83.6
	RI-MW-X1_20230517		82.9
	RI-MW-09_20230518		92
	RI-MW-10_20230517		55.8
PFOS	RI-MW-01_20230517	2.7	72.9
	RI-MW-02_20230518		39.2
	RI-MW-03_20230518		107
	RI-MW-04_20230518		10.4
	RI-MW-05_20230518		6.65
	RI-MW-07_20230517		30.5
	RI-MW-08_20230517		26
	RI-MW-X1_20230517		24.9
	RI-MW-09_20230518		24.8
	RI-MW-10_20230517		57.5
Notes: ppt: parts per trillion			

Groundwater analytical results for PFAS compounds are presented in Table 17.

5.4 Soil Vapor Chemistry

5.4.1 Soil Vapor Analytical Results

Six soil vapor samples (RI-SV-01 through RI-SV-06) were collected from temporary soil vapor points shown on Figure 2. Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. Thirty-nine of the 71 VOCs analyzed for were detected in the soil vapor samples. Solvent-related VOCs (chlorodifluoromethane, chloromethane, dichlorodifluoromethane, methylene chloride, TCE and PCE) were detected in the soil vapor samples at individual concentrations up to 990 µg/m^3 from a diluted analysis (dichlorodifluoromethane in sample RI-SV-03_20230505). Other VOCs, including compounds typically associated with petroleum [such as 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 1,3-dichlorobenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzene, n-butane, cyclohexane, cumene, ethylbenzene, isopropanol, methyl ethyl ketone (MEK), m,p-xylenes, n-heptane, n-hexane, n-propylbenzene, o-xylene, and toluene] were detected in the soil vapor samples at individual concentrations up to 200,000 µg/m^3 from a diluted analysis (2,2,4-trimethylpentane in sample RI-SV-03_20230505).

PCE was detected in four of the six soil vapor samples at concentrations ranging from 2.6 µg/m^3 from a diluted analysis in RI-SV-05_20230505 to 29 µg/m^3 in sample RI-SV-04_20230505. TCE, a breakdown product of PCE, was not detected above laboratory reporting limits in any of the soil vapor samples.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT (QHHEA)

The objective of the QHHEA is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The RI, as described in this RIR, is sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI was evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (c) 4 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

6.1 Contaminants of Concern (COCs) in Respective Media

Based on the results of previous subsurface investigations and this RI, the COCs include the following:

Soil

- The VOCs 1,3,5-trimethylbenzene, acetone, benzene, ethylbenzene, methylene chloride, n-propylbenzene, toluene, and total xylenes were detected at concentrations above the UUSCOs, but below the CSCOs. The VOC 1,2,4-trimethylbenzene was detected above the UUSCO and CSCO in one sample.
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)Anthracene, and indeno(1,2,3-c,d)pyrene were detected at concentrations above the UUSCOs and CSCOs. Benzo(k)Fluoranthene and chrysene were detected at concentrations above the UUSCOs, but below the CSCOs.
- The metals arsenic, barium, cadmium, copper, lead, mercury, and nickel were detected at concentrations above the UUSCOs and CSCOs. The metals hexavalent chromium, manganese, and silver were detected above the UUSCOs, but below the CSCOs.
- Total PCBs were detected above the UUSCOs, but below the CSCOs.
- The pesticides P,P'-DDD, P,P'-DDE, and P,P'-DDT were detected above the UUSCOs, but below the CSCOs.
- PFOS and PFOA were detected at concentrations above the UUGV, but below the CGV.

Groundwater

- The VOCs benzene and MTBE were detected at concentrations above the AWQSGVs.
- The metals antimony (total and dissolved), iron (total and dissolved), lead (total), magnesium (total and dissolved), manganese (total and dissolved), and sodium (total and dissolved) were detected at concentrations above the AWQSGVs.
- PFOA and PFOS were detected at concentrations above the NYSDEC guidance values.

Soil Vapor

- Petroleum- and chlorinated solvent-related VOCs were detected in soil vapor.

6.2 Conceptual Model of Site Contamination

Based on an evaluation of the data and information in this RI, the Site is contaminated with: VOCs, SVOCs, metals, PCBs, pesticides, PFOA, and PFOS in soil/fill; VOCs, metals, PFOA, and PFOS in groundwater; and solvent- and petroleum-related VOCs in soil vapor.

The elevated concentrations of VOCs, SVOCs, metals, PFOA, and PFOS in soil/fill are likely related to the presence of historic fill within the soil with hot spots related to contribution from historic salvage operations at the Site. The PFOA and PFOS in groundwater are likely the result of regional groundwater conditions. The elevated concentrations of metals in groundwater may be related to regional conditions and/or sediment entrained in the groundwater samples with hot spots related to contribution from historic salvage operations at the Site. Solvent-related and petroleum-related VOCs were detected at varying concentrations in the soil vapor samples collected from the Site. The detections may be related to the Site's historical industrial uses, as PCE and TCE were found sporadically in the soil at concentrations below their UUSCOs.

6.3 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;
3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

These elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

6.4 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Dermal contact with water, fill, soil, and/or building materials; and
- Inhalation of vapors and/or particulates.

6.5 Potential Receptors

The Site is currently vacant and utilized for bus parking. The area immediately surrounding the Site is predominantly industrial and commercial in nature. The anticipated future use of the Site will include logistics, trucking, and distribution. Redevelopment also contemplates the installation of a photovoltaic solar system to support community distributed solar generated electricity and/or on-site use.

On-site Receptors: On-site receptors include employees associated with bus parking activities.

During future redevelopment of the Site, the on-site potential sensitive receptors will include construction workers and inspectors. Once the Site is redeveloped, the on-site potential sensitive receptors will include industrial outdoor storage tenants, employees, and vendors.

Off-site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include adult and child residents, commercial and construction workers, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/Renovation – existing and future
4. Pedestrians, Cyclists – existing and future
5. Day Care Facilities –future
6. Schools –future

6.6 Existence of Human Health Exposure Pathways

This evaluation consists of the following components: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

The Site currently consists of a concrete-paved yard with empty metal storage containers and a former office trailer. The concrete was noted to be in poor to fair condition with surficial cracking. As the site soil is not exposed and there are no nearby sensitive receptors or adjacent buildings, inhalation of contaminants via soil vapor intrusion is not a concern. Additionally, groundwater is not used for drinking or other potable purposes in Brooklyn, and the Site is served by a public water supply that is not affected by Site contamination.

Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil and fill to construction workers, as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated soil and fill; however, this will be mitigated with proper implementation of a Community Air Monitoring Plan (CAMP) that will prevent migration of particulates and VOCs, and a HASP that will dictate safe practices including the wearing of personal protective equipment.

6.7 Overall Human Health Exposure Assessment

The entirety of the Site consists of a concrete-paved yard with empty metal storage racks and a former office trailer. The concrete was noted to be in poor to fair condition with surficial cracking. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers, as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated fill or soil; however, this will be mitigated with proper implementation of a HASP that will dictate safe practices including the wearing of personal protective equipment and a CAMP that will monitor and prevent migration of particulates and VOCs.

Based on the results of the QHHEA, a NYSDEC-approved Remedial Action Work Plan (RAWP), which includes a HASP to protect on-site workers, should be implemented during remedial action and construction of the proposed Site buildings to ensure that the potential exposure pathways identified do not become complete. The HASP will include a CAMP compliant with Appendices 1A and 1B of DER-10. The RAWP should address the contaminated soil/fill at the Site and the installation/implementation of certain engineering and/or institutional controls (ECs and/or ICs, respectively).

7.0 CONCLUSIONS

This RIR summarizes the investigation work performed between May 1 and 5, 2023, and on May 17, 28, and 24, 2023. The goal of the RI was to further define and characterize the nature and extent of Site contamination and to assist with determining the appropriate remedial action. The RI was conducted in general accordance with AKRF's May 2023 RIWP.

Based on the RI results, contaminated soil, groundwater, and soil vapor exists beneath the Site. The COCs at the Site include: VOCs, SVOCs, metals, PCBs, pesticides, PFOA, and PFOS in soil/fill above the UUSCOs and/or CSCOs; VOCs, metals, PFOA, and PFOS in groundwater above the AWQSGVs or NYSDEC guidance values for PFOA and PFOS; and chlorinated solvent- and petroleum-related VOCs in soil vapor.

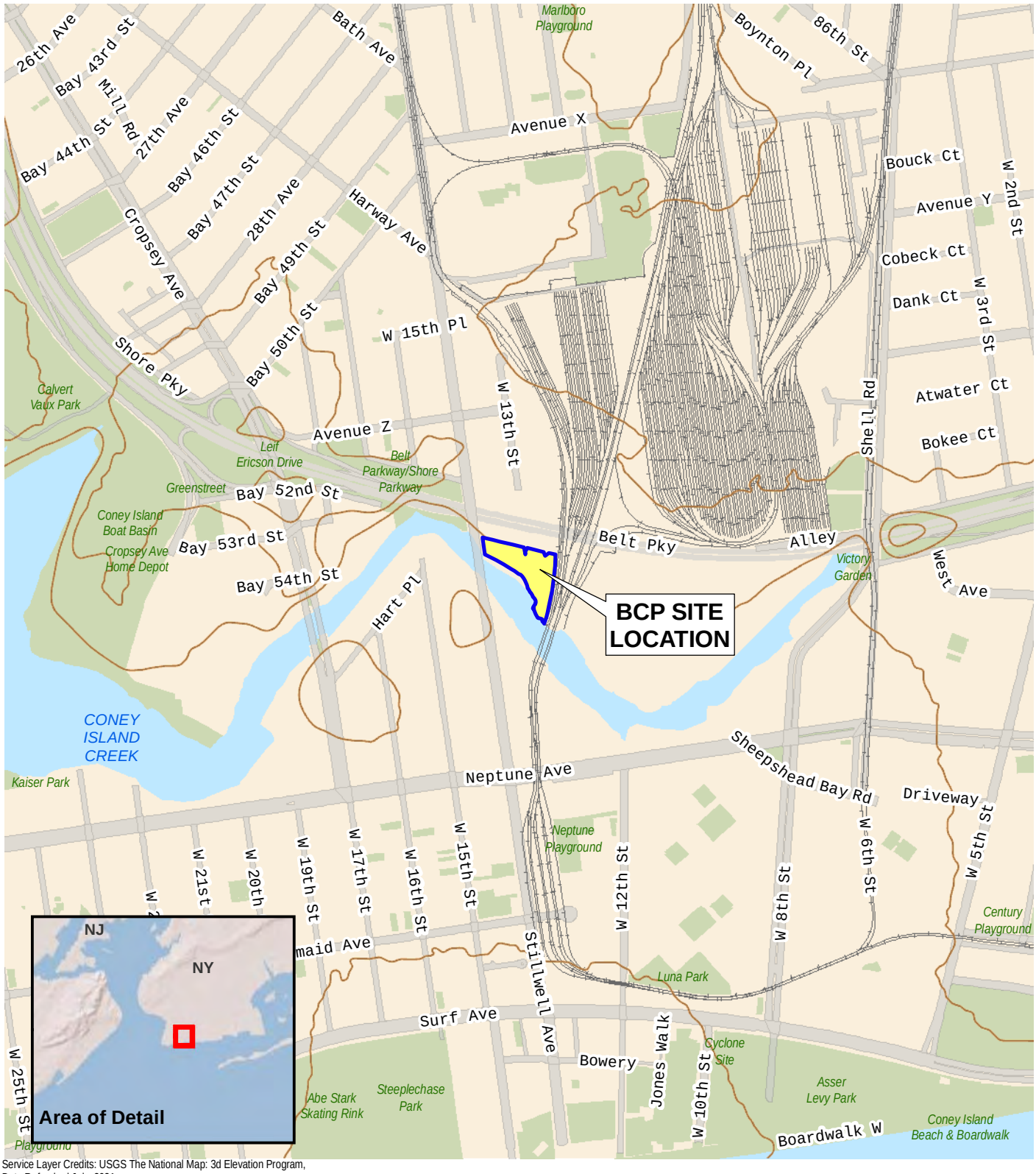
This RI documented a layer of contaminated uncontrolled fill/soil Site-wide from surface grade down to approximately 9 to 12 feet bgs. The fill/soil contained elevated concentrations of VOCs, SVOCs, metals, pesticides, PCBs, PFOA, and PFOS. One VOC (1,2,4-trimethylbenzene), SVOCs, and metals were detected at concentrations above the UUSCOs and CSCOs. Detected concentrations of the contaminants of concern are likely related to the presence of the placement of historic fill to establish the elevation of the Site with hot spots related to contribution from historic salvage operations at the Site.

The VOC detections in groundwater are likely related to historic Site operations. The PFOA and PFOS in groundwater are likely the result of regional groundwater conditions. The elevated concentrations of metals in groundwater may be related to regional conditions (the surrounding community largely filled with historic fill to establish current elevations along the Brooklyn waterfront) and/or sediment entrained in the groundwater samples.

Solvent-related and petroleum-related VOCs were detected at varying concentrations in the soil vapor samples collected from the Site. The detections may be related to the Site's historical industrial uses, as PCE and TCE were found sporadically in the soil at concentrations below their UUSCOs.

The RI data suggests that contamination is not migrating off-site to sensitive receptors. No occupied structures are located adjacent to the Site. The Site is abutted by Belt Parkway followed by a parking lot to the north; elevated train tracks, followed by vacant land to the east; Coney Island Creek to the south; and Stillwell Avenue and Coney Island Creek to the west.

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

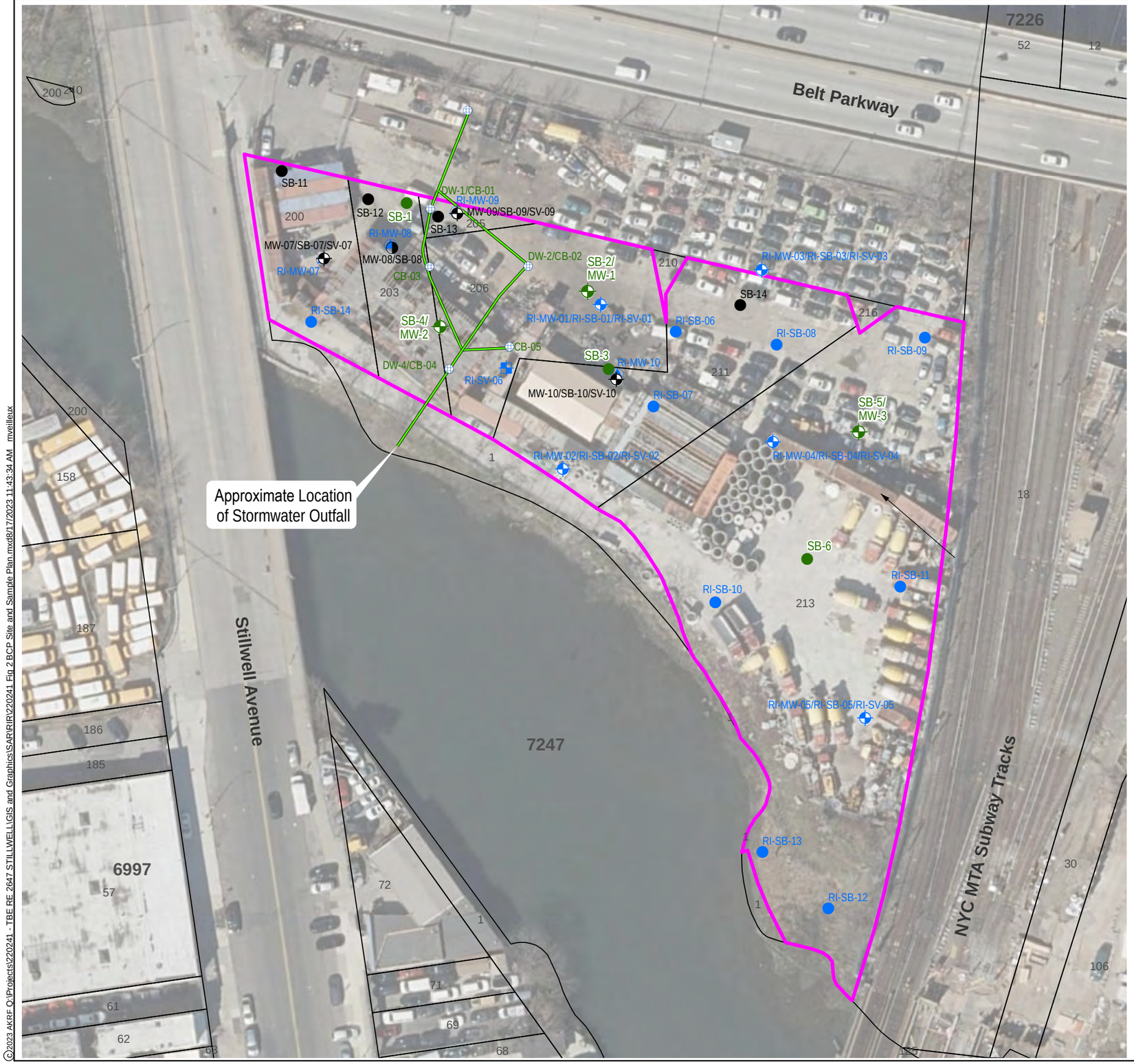
2647 Stillwell Avenue
Brooklyn, New York

BCP SITE LOCATION

DATE
9/27/2022

PROJECT NO.
220241

FIGURE
1



LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
- 7247 — BLOCK NUMBER
- CATCH BASIN/DRYWELL LOCATION
- 2015 PHASE II SOIL BORING LOCATION
- 2015 PHASE II MONITORING WELL LOCATION
- 2023 PHASE II SOIL BORING LOCATION
- 2023 PHASE II SOIL BORING/MONITORING WELL LOCATION
- 2023 PHASE II SOIL BORING/MONITORING WELL/SOIL VAPOR POINT LOCATION
- RI SOIL BORING LOCATION
- RI MONITORING WELL LOCATION
- RI SOIL VAPOR POINT LOCATION
- RI SOIL BORING/MONITORING WELL LOCATION/SOIL VAPOR POINT LOCATION
- APPROXIMATE LOCATION OF UNDERGROUND STORMWATER PIPING

0 60 120
SCALE IN FEET

Aerial Source:
2020 New York State ITS GIS Orthoimagery.

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database.

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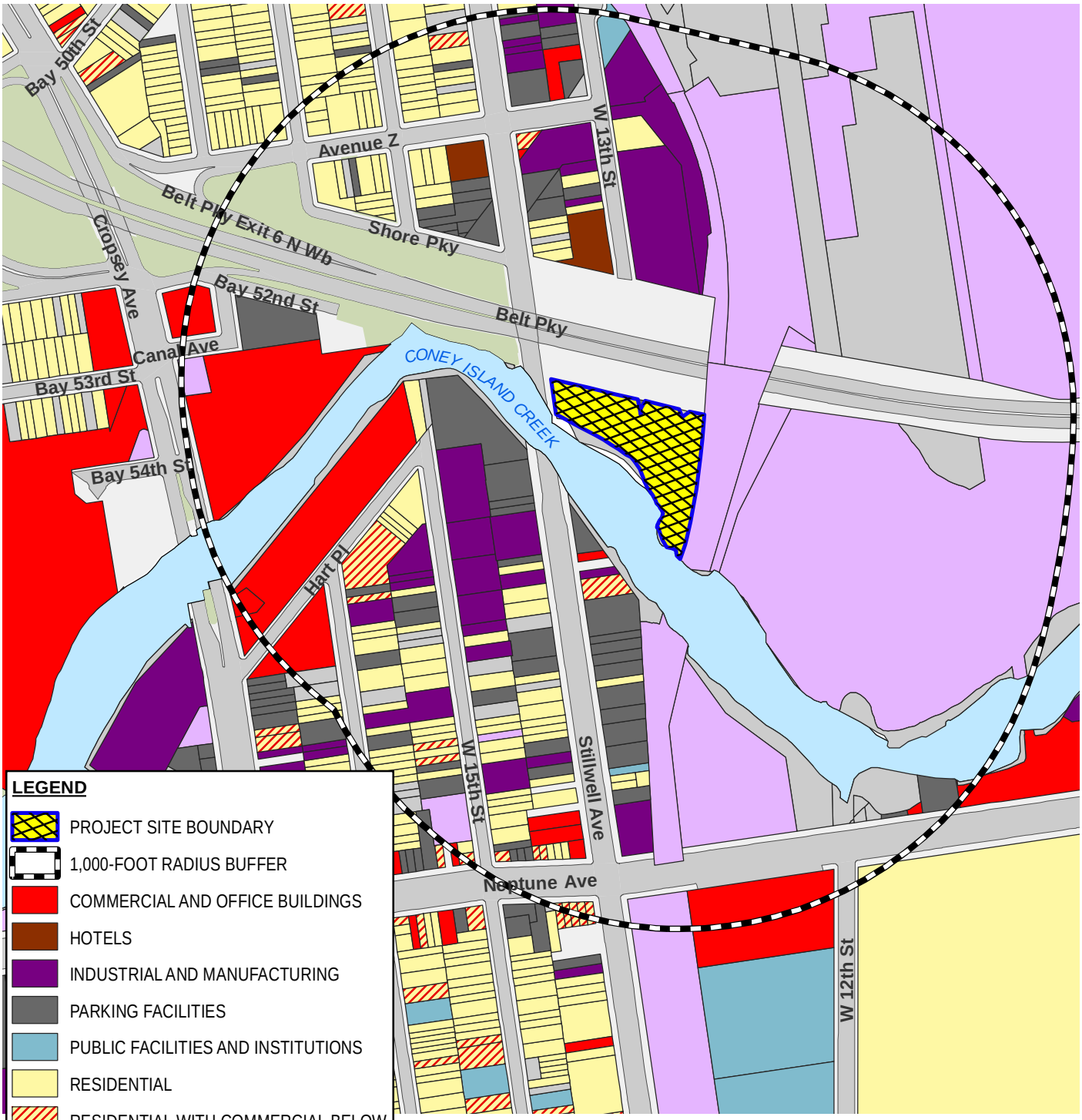
BCP SITE AND SAMPLE LOCATION PLAN

DATE
8/17/2023

PROJECT NO.
220241

FIGURE
2



LEGEND

- PROJECT SITE BOUNDARY
- 1,000-FOOT RADIUS BUFFER
- COMMERCIAL AND OFFICE BUILDINGS
- HOTELS
- INDUSTRIAL AND MANUFACTURING
- PARKING FACILITIES
- PUBLIC FACILITIES AND INSTITUTIONS
- RESIDENTIAL
- RESIDENTIAL WITH COMMERCIAL BELOW
- TRANSPORTATION AND UTILITY
- VACANT LAND
- VACANT BUILDING
- UNDER CONSTRUCTION
- OPEN SPACE
- HYDROGRAPHY - WATER

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

0 400 800
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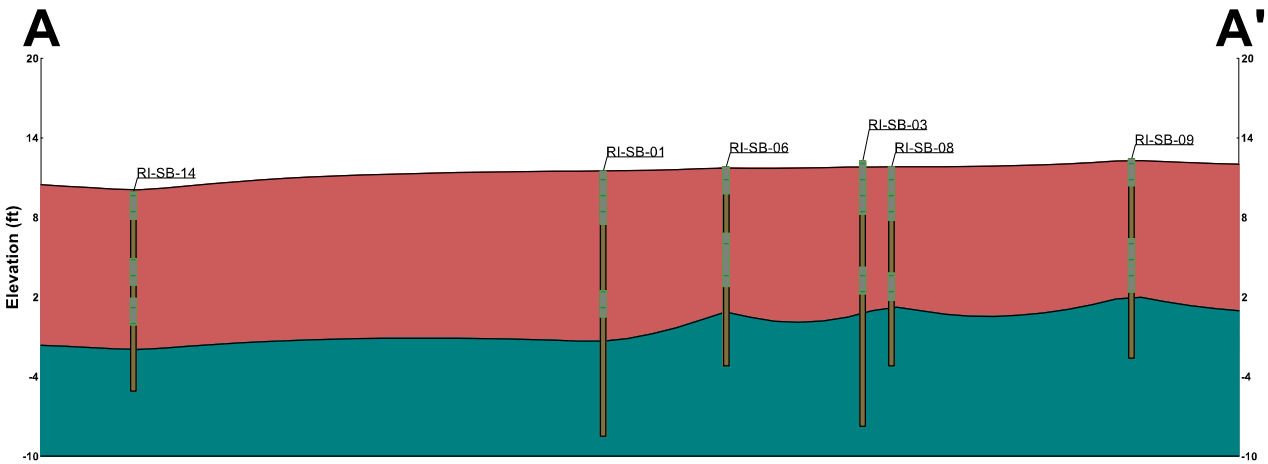
SURROUNDING LAND USE

DATE
10/7/2022

PROJECT NO.
220241

FIGURE
3



Boring Locations
Soil Boring
Sample Interval

Stratigraphy
Fill Material
Native - Sand, gravel, and silt

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Brooklyn, New York

East-West Lithology Cross-Section

Date
08/04/2023

Project No.
220241

Figure
4

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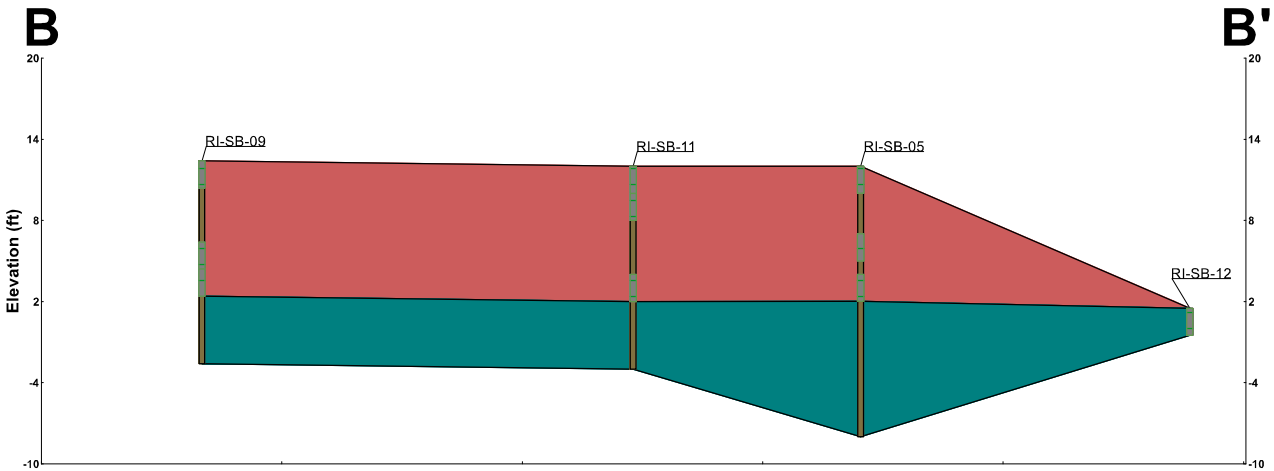

Boring Locations
Soil Boring
Sample Interval

Stratigraphy
Fill Material
Native - Sand, gravel, and silt

AKRF
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Brooklyn, New York

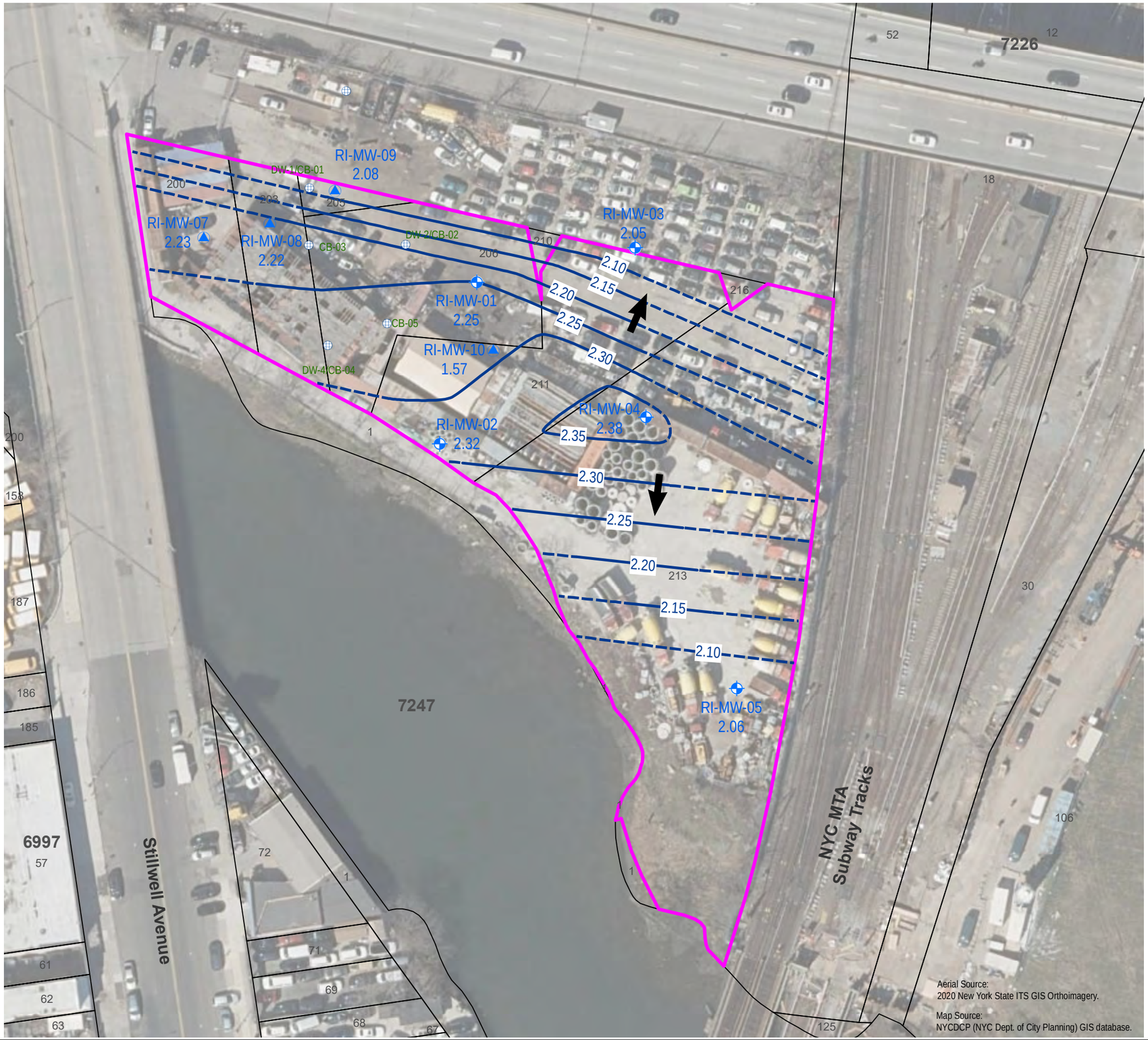
North-South Lithology Cross-Section

Date
08/04/2023

Project No.
220241

Figure
5

W:\Projects\220241 - TBE RE 2647 STILLWELL\SAR\EQUIS\RIXSEC.vizx



LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
- 7247 — BLOCK NUMBER
- CATCH BASIN/DRYWELL LOCATION
- RI MONITORING WELL LOCATION
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT LOCATION
- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTE: RI-MW-10 NOT USED TO GENERATE GROUNDWATER CONTOURS.

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
RI-MW-01	11.26	9.01	2.25
RI-MW-02	10.76	8.44	2.32
RI-MW-03	12.01	9.96	2.05
RI-MW-04	11.61	9.23	2.38
RI-MW-05	11.56	9.5	2.06
RI-MW-07	10.43	8.2	2.23
RI-MW-08	10.27	8.05	2.22
RI-MW-09	10.72	8.64	2.08
RI-MW-10	11.13	9.56	1.57

Notes:
ft. = feet
TOC = top of casing
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).

0 60 120
SCALE IN FEET

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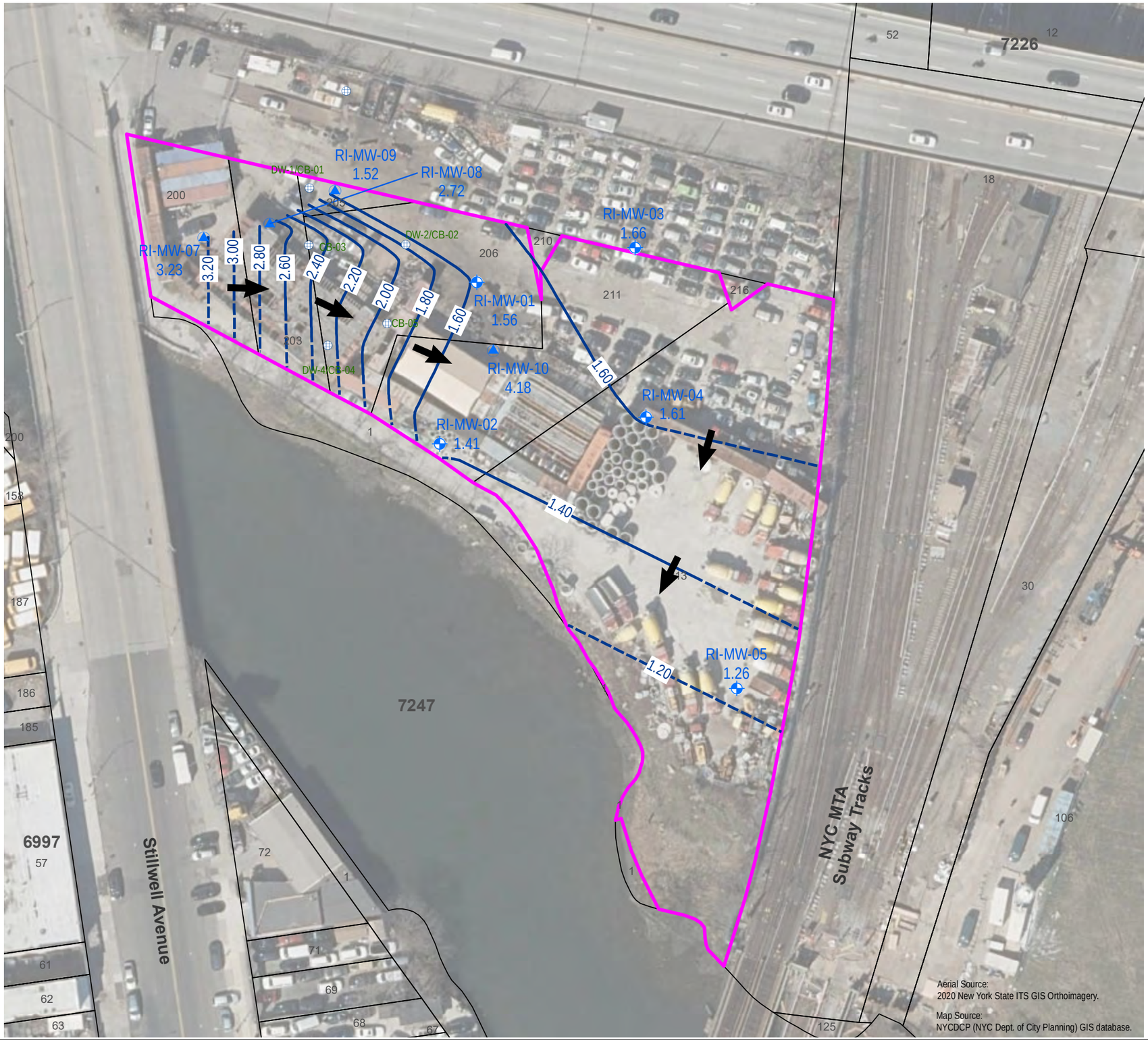
Brooklyn, New York

GROUNDWATER CONTOUR MAP – MAY 17, 2023

DATE
10/3/2023

PROJECT NO.
220241

FIGURE
6A



Aerial Source:
2020 New York State ITS GIS Orthoimagery.

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database.

LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
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- CATCH BASIN/DRYWELL LOCATION
- RI MONITORING WELL LOCATION
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT LOCATION
- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NOTE: RI-MW-10 NOT USED TO GENERATE GROUNDWATER CONTOURS.

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
RI-MW-01	11.26	9.7	1.56
RI-MW-02	10.76	9.35	1.41
RI-MW-03	12.01	10.35	1.66
RI-MW-04	11.61	10	1.61
RI-MW-05	11.56	10.3	1.26
RI-MW-07	10.43	7.2	3.23
RI-MW-08	10.27	7.55	2.72
RI-MW-09	10.72	9.2	1.52
RI-MW-10	11.13	6.95	4.18

Notes:
ft. = feet
TOC = top of casing
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).

0 60 120
SCALE IN FEET

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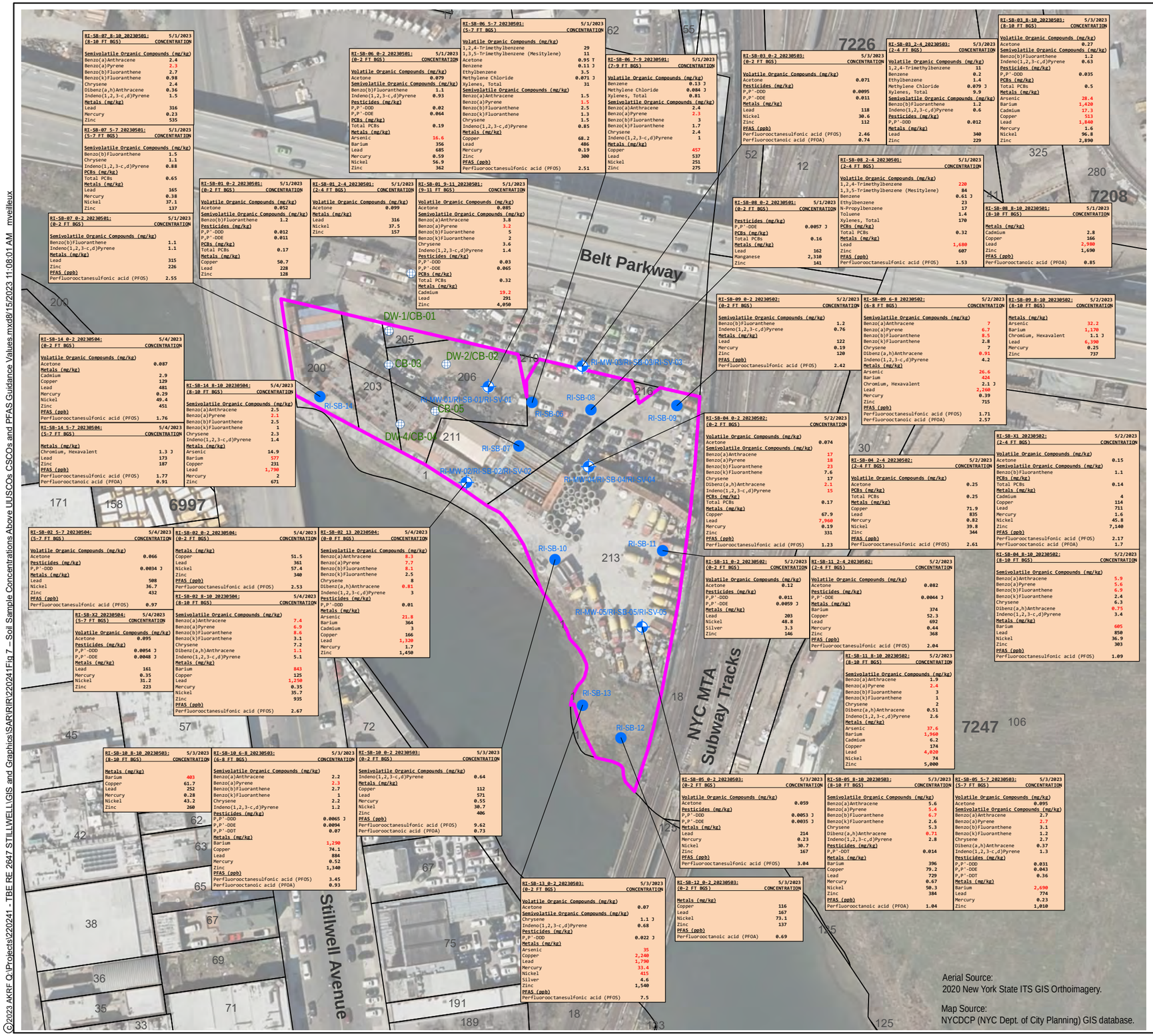
GROUNDWATER CONTOUR MAP – SEPTEMBER 22, 2023

DATE
10/3/2023

PROJECT NO.
220241

FIGURE
6B



LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
- 7247 — BLOCK NUMBER
- CATCH BASIN/DRYWELL LOCATION
- RI SOIL BORING LOCATION
- RI SOIL BORING/MONITORING WELL LOCATION/SOIL VAPOR POINT LOCATION

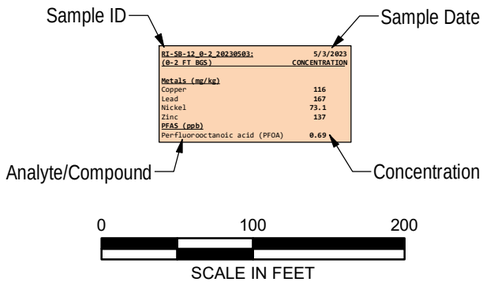
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Commercial Soil Cleanup Objectives (CSCOs) are presented in red.
Exceedances of NYSDEC Polyfluoroalkyl Substances (PFAs) are presented in bold font..

mg/kg:milligrams per kilogram = parts per million (ppm)
ppb = parts per billion

J: The concentration given is an estimated value.
T: Indicates that a quality control parameter has exceeded laboratory limits

Row Labels	NYSDEC CGV ppb	NYSDEC UUGV ppb	CSCO mg/kg	UUSCO mg/kg
Volatile Organic Compounds				
1,2,4-Trimethylbenzene	NS	NS	190	3.6
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	190	8.4
Acetone	NS	NS	500	0.05
Benzene	NS	NS	44	0.06
Ethylbenzene	NS	NS	390	1
Methylene Chloride	NS	NS	500	0.05
N-Propylbenzene	NS	NS	500	3.9
Toluene	NS	NS	500	0.7
Xylenes, Total	NS	NS	500	0.26
Semivolatile Organic Compounds				
Benzo(a)Anthracene	NS	NS	5.6	1
Benzo(a)Pyrene	NS	NS	1	1
Benzo(b)Fluoranthene	NS	NS	5.6	1
Benzo(k)Fluoranthene	NS	NS	56	0.8
Chrysene	NS	NS	56	1
Dibenz(a,h)Anthracene	NS	NS	0.56	0.33
Indeno(1,2,3-c,d)Pyrene	NS	NS	5.6	0.5
Metals				
Arsenic	NS	NS	16	13
Barium	NS	NS	400	350
Cadmium	NS	NS	9.3	2.5
Chromium, Hexavalent	NS	NS	400	1
Copper	NS	NS	270	50
Lead	NS	NS	1,000	63
Manganese	NS	NS	10,000	1600
Mercury	NS	NS	2.8	0.18
Nickel	NS	NS	310	30
Silver	NS	NS	1500	2
Zinc	NS	NS	10,000	109
PCBs				
Total PCBs	NS	NS	1	0.1
Pesticides				
P,P'-DDD	NS	NS	92	0.0033
P,P'-DDE	NS	NS	62	0.0033
P,P'-DDT	NS	NS	47	0.0033
PFAS				
Perfluorooctanesulfonic acid (PFOS)	440	0.88	NS	NS
Perfluorooctanoic acid (PFOA)	500	0.66	NS	NS



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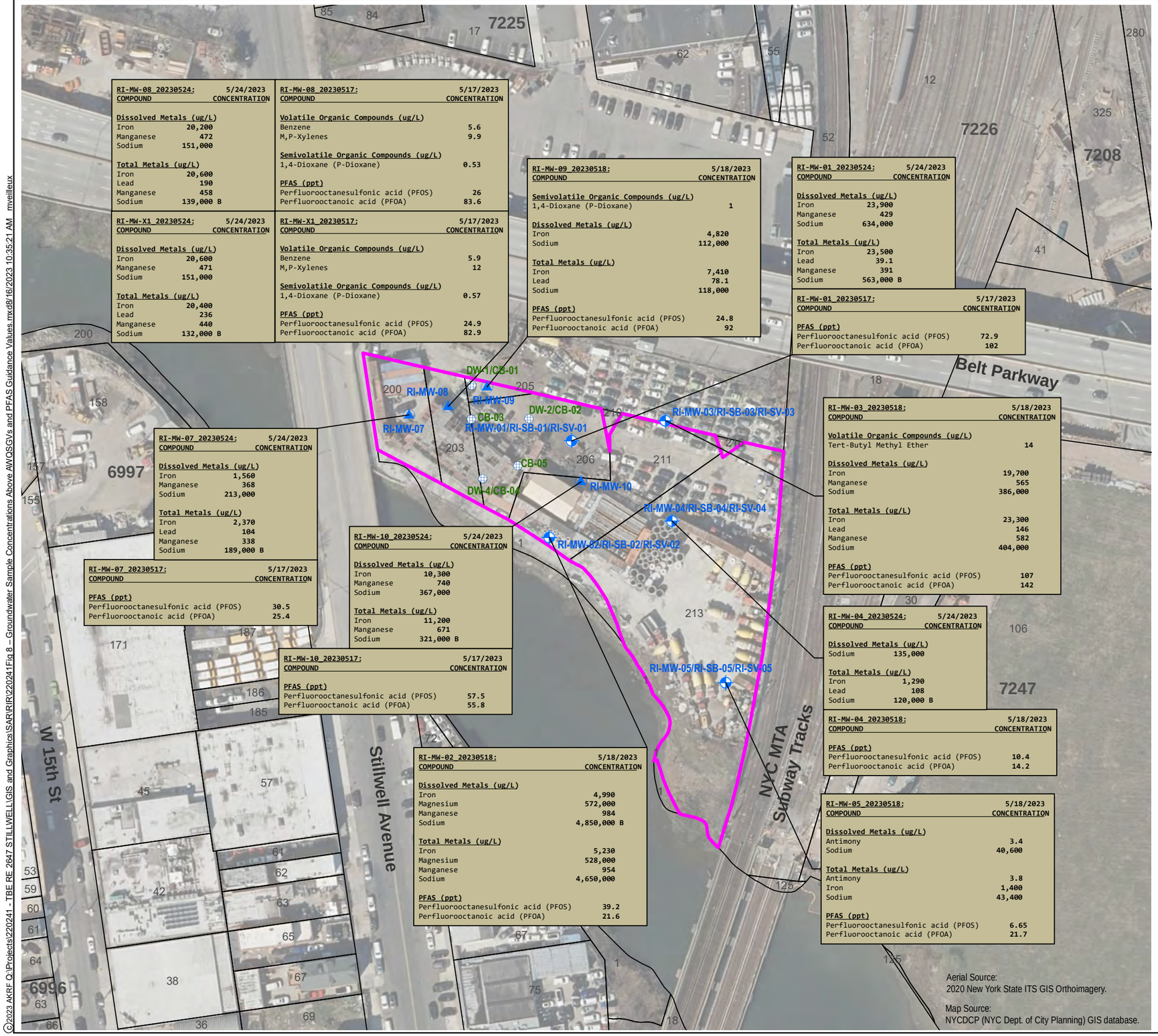
SOIL SAMPLE CONCENTRATIONS ABOVE UUSCOS, CSCOS, AND PFAS GUIDANCE VALUES

DATE
8/15/2023

PROJECT NO.
220241

FIGURE
7



LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
- 7247 — BLOCK NUMBER
- CATCH BASIN/DRYWELL LOCATION
- RI MONITORING WELL LOCATION
- RI SOIL BORING/MONITORING WELL/SOIL VAPOR POINT LOCATION

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

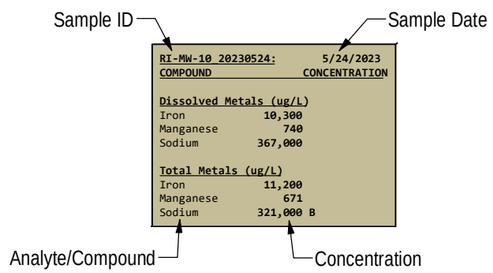
Groundwater PFAS results are compared to guidance values listed in NYSDEC's 2021 *Draft Addendum to the Technical and Operational Guidance (TOGS) No. 1.1.1.*

µg/L: micrograms per Liter = parts per billion (ppb)
ppt = parts per trillion

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

B = Indicates the analyte is detected in the associated blank as well as in the sample.

	NYSDEC AWQSGVs ug/l
Volatile Organic Compounds	
Benzene	1
Tert-Butyl Methyl Ether (MTBE)	10
Xylenes, M,P	5
Semivolatile Organic Compounds	
1,4-Dioxane (P-Dioxane)	0.35
Metals	
Antimony	3
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Sodium	20,000
PFAS	
Perfluorooctanesulfonic acid (PFOS)	0.0027
Perfluorooctanoic acid (PFOA)	0.0067



0 100 200
SCALE IN FEET

Aerial Source:
2020 New York State ITS GIS Orthoimagery.

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database.

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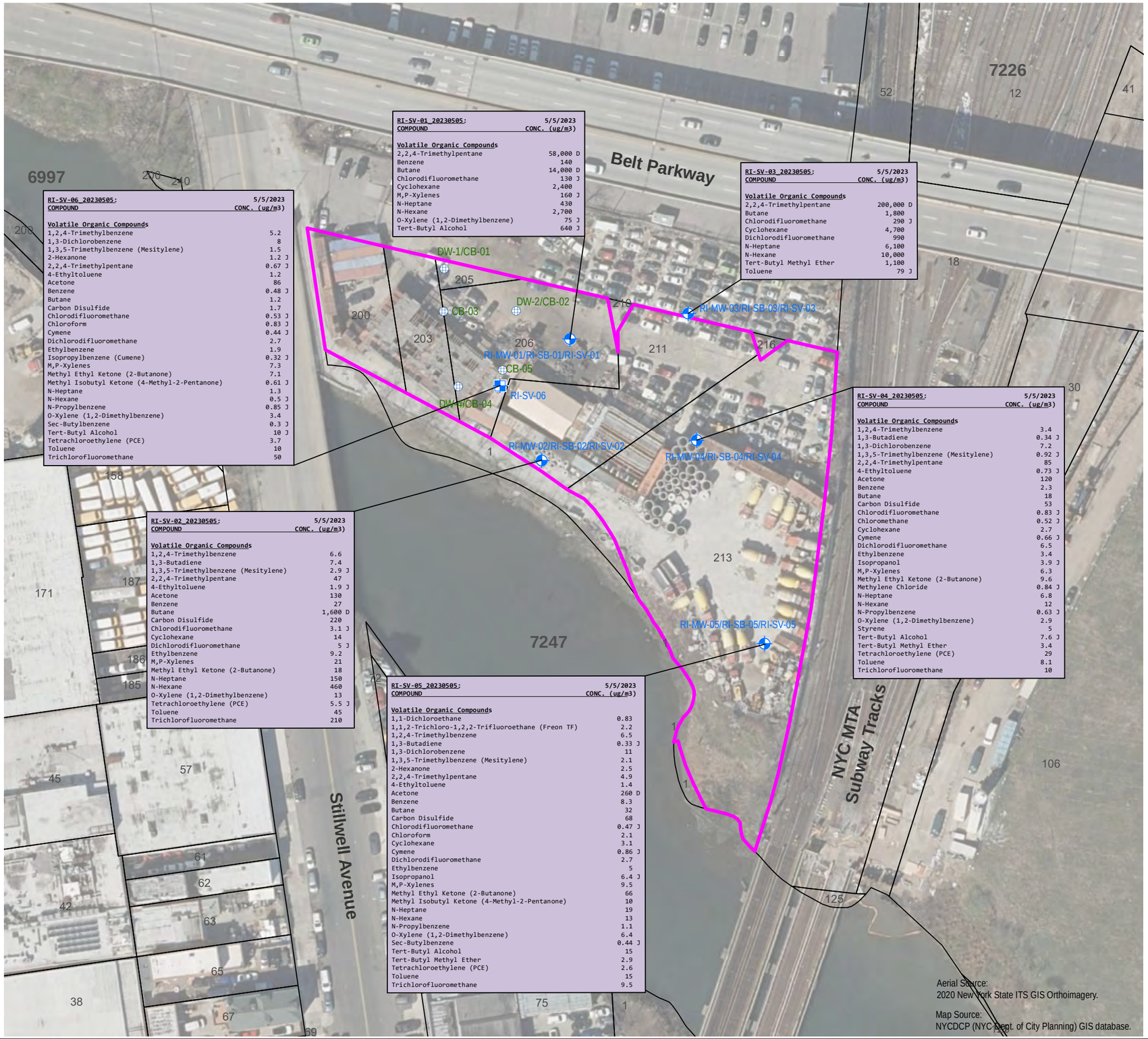
2647 Stillwell Avenue
Brooklyn, New York

GROUNDWATER SAMPLE CONCENTRATIONS ABOVE AWQSGVS AND PFAS GUIDANCE VALUES

DATE
8/16/2023

PROJECT NO.
220241

FIGURE
8



LEGEND

- BCP PROJECT SITE BOUNDARY
- 213 — LOT BOUNDARY AND TAX LOT NUMBER
- 7247 — BLOCK NUMBER
- CATCH BASIN/DRYWELL LOCATION
- RI SOIL VAPOR POINT LOCATION
- RI SOIL BORING/MONITORING WELL LOCATION/SOIL VAPOR POINT LOCATION

SOIL VAPOR

µg/m³ - micrograms per cubic meter

Concentrations detected above the laboratory reporting limit are shown.

D: Analyte concentration obtained from dilution.
J: The concentration given is an estimated value.

Sample ID — Sample Date

RI-SV-03_20230505: 5/5/2023
COMPOUND CONC. (ug/m3)
Volatile Organic Compounds
2,2,4-Trimethylpentane 200,000 D
Butane 1,800
Chlorodifluoromethane 290 J
Cyclohexane 4,700
Dichlorodifluoromethane 990
N-Heptane 6,100
N-Hexane 10,000
Tert-Butyl Methyl Ether 1,100
Toluene 79 J

Analyte/Compound — Concentration

0 80 160
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

2647 Stillwell Avenue
Brooklyn, New York

SOIL VAPOR DETECTIONS

DATE
8/15/2023

PROJECT NO.
220241

FIGURE
9

TABLES

Table 1
Groundwater Elevation Data
Remedial Investigation
Former T and J Salvage Site
2647 Stillwell Ave, Brooklyn, NY

Well Gauging Date	Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
5/17/2023	RI-MW-01	11.26	9.01	2.25
	RI-MW-02	10.76	8.44	2.32
	RI-MW-03	12.01	9.96	2.05
	RI-MW-04	11.61	9.23	2.38
	RI-MW-05	11.56	9.5	2.06
	RI-MW-07	10.43	8.2	2.23
	RI-MW-08	10.27	8.05	2.22
	RI-MW-09	10.72	8.64	2.08
	RI-MW-10	11.13	9.56	1.57
9/22/2023	RI-MW-01	11.26	9.7	1.6
	RI-MW-02	10.76	9.35	1.41
	RI-MW-03	12.01	10.35	1.66
	RI-MW-04	11.61	10	1.61
	RI-MW-05	11.56	10.3	1.26
	RI-MW-07	10.43	7.2	3.23
	RI-MW-08	10.27	7.55	2.72
	RI-MW-09	10.72	9.2	1.52
	RI-MW-10	11.13	6.95	4.18

Notes:
ft. = feet
TOC = top of casing
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501	RI-SB-01_2-4_20230501	RI-SB-01_9-11_20230501	RI-SB-02_0-2_20230504	RI-SB-02_13_20230504
		Laboratory Sample ID	460-279329-1	460-279329-2	460-279329-3	460-279573-1	460-279573-12
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,1-Dichloroethane	240	0.27	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,1-Dichloroethene	500	0.33	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.011	0.001 U	0.011	0.04	0.00035 J
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2-Dichlorobenzene	500	1.1	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2-Dichloroethane	30	0.02	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.006	0.001 U	0.0054	0.012	0.0013 U
1,3-Dichlorobenzene	280	2.4	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
1,4-Dichlorobenzene	130	1.8	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
2-Hexanone	NS	NS	0.0058 U	0.0052 U	0.0052 U	0.0046 U	0.0066 U
Acetone	500	**0.05**	**0.052**	**0.099**	**0.085**	0.024	0.022
Benzene	44	**0.06**	0.006	0.001 U	0.0068	0.00072 J	0.00052 J
Bromochloromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Bromodichloromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Bromoform	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Bromomethane	NS	NS	0.0023 U	0.0021 U	0.0021 U	0.0018 U	0.0026 U
Carbon Disulfide	NS	NS	0.0017	0.0027	0.0039	0.00091 J	0.014
Carbon Tetrachloride	22	0.76	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Chlorobenzene	500	1.1	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Chloroethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Chloroform	350	0.37	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Chloromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Cis-1,2-Dichloroethylene	500	0.25	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Cyclohexane	NS	NS	0.0061	0.001 U	0.0018	0.00082 J	0.0013 U
Dibromochloromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Ethylbenzene	390	**1**	0.012	0.001 U	0.0086	0.0022	0.0027
Isopropylbenzene (Cumene)	NS	NS	0.0015	0.001 U	0.0013	0.00081 J	0.00039 J
M,P-Xylenes	NS	NS	0.0075	0.001 U	0.014	0.0044	0.0004 J
Methyl Acetate	NS	NS	0.0058 U	0.0052 U	0.0052 U	0.0046 U	0.0066 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.016	0.019	0.018	0.0046 U	0.0046 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0058 U	0.0052 U	0.0052 U	0.0046 U	0.0066 U
Methylcyclohexane	NS	NS	0.0069	0.001 U	0.0026	0.0018	0.0007 J
Methylene Chloride	500	**0.05**	0.0023 U	0.0021 U	0.0021 U	0.0018 U	0.0023 JBT
N-Butylbenzene	500	12	0.0012 U	0.001 U	0.001 U	0.0033	0.0013 U
N-Propylbenzene	500	**3.9**	0.0033	0.001 U	0.002	0.003	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0043	0.001 U	0.0047	0.0043	0.0013 U
Sec-Butylbenzene	500	11	0.0012 U	0.001 U	0.0004 J	0.0012	0.0013 U
Styrene	NS	NS	0.0012 U	0.001 U	0.0018	0.00092 U	0.0013 U
T-Butylbenzene	500	5.9	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Tert-Butyl Methyl Ether	500	0.93	0.028	0.001 U	0.0056	0.0028	0.00096 J
Tetrachloroethylene (PCE)	150	1.3	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Toluene	500	**0.7**	0.00057 J	0.001 U	0.028	0.00076 J	0.00043 J
Trans-1,2-Dichloroethene	500	0.19	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Trichloroethylene (TCE)	200	0.47	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Vinyl Chloride	13	0.02	0.0012 U	0.001 U	0.001 U	0.00092 U	0.0013 U
Xylenes, Total	500	**0.26**	0.012	0.0021 U	0.018	0.0087	0.0004 J

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_5-7_20230504	RI-SB-X2_20230504	RI-SB-02_8-10_20230504	RI-SB-03_0-2_20230503	RI-SB-03_2-4_20230503
		Laboratory Sample ID	460-279573-2	460-279573-4	460-279573-3	460-279515-1	460-279515-2
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/03/2023	5/03/2023
		Dilution Factor	1	1	1	1	50
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,1-Dichloroethane	240	0.27	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,1-Dichloroethene	500	0.33	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0014	0.0083	0.001 U	0.0013 T	**11**
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2-Dichlorobenzene	500	1.1	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2-Dichloroethane	30	0.02	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.00041 J	0.0025	0.001 U	0.0011 T	7.8
1,3-Dichlorobenzene	280	2.4	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
1,4-Dichlorobenzene	130	1.8	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
2-Hexanone	NS	NS	0.0056 U	0.006 U	0.0051 U	0.005 U	0.55 U
Acetone	500	**0.05**	**0.066**	**0.095**	0.014	**0.071**	0.55 UT
Benzene	44	**0.06**	0.00047 J	0.00076 J	0.001 U	0.00053 J	**0.2**
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Bromomethane	NS	NS	0.0022 U	0.0024 U	0.002 U	0.002 U	0.11 U
Carbon Disulfide	NS	NS	0.0019	0.014	0.00066 J	0.00051 J	0.077 J
Carbon Tetrachloride	22	0.76	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Chlorobenzene	500	1.1	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Chloroform	350	0.37	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Cis-1,2-Dichloroethylene	500	0.25	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.00036 J	0.31
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Ethylbenzene	390	**1**	0.00037 J	0.00068 J	0.001 U	0.00077 J	**1.4**
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.39
M,P-Xylenes	NS	NS	0.0007 J	0.0017	0.001 U	0.0021	7.9
Methyl Acetate	NS	NS	0.0056 U	0.006 U	0.0051 U	0.005 U	0.31 J
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.012	0.017	0.0051 U	0.018	0.55 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0056 U	0.006 U	0.0051 U	0.005 U	0.55 U
Methylcyclohexane	NS	NS	0.0011 U	0.00067 J	0.001 U	0.001 U	1.2
Methylene Chloride	500	**0.05**	0.0022 U	0.0024 U	0.002 U	0.002 U	**0.079 J**
N-Butylbenzene	500	12	0.0011 U	0.0012 U	0.001 U	0.001 UT	0.11 U
N-Propylbenzene	500	**3.9**	0.0011 U	0.0006 J	0.001 U	0.001 UT	0.79
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00049 J	0.0017	0.001 U	0.0024	2
Sec-Butylbenzene	500	11	0.0011 U	0.0012 U	0.001 U	0.001 UT	0.3
Styrene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
T-Butylbenzene	500	5.9	0.0011 U	0.0012 U	0.001 U	0.001 UT	0.072 J
Tert-Butyl Methyl Ether	500	0.93	0.0011 U	0.0012 U	0.001	0.00061 J	0.034 J
Tetrachloroethylene (PCE)	150	1.3	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Toluene	500	**0.7**	0.00046 J	0.00081 J	0.001 U	0.00067 J	0.38
Trans-1,2-Dichloroethene	500	0.19	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Trichloroethylene (TCE)	200	0.47	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.001 U	0.11 UT
Vinyl Chloride	13	0.02	0.0011 U	0.0012 U	0.001 U	0.001 UT	0.11 U
Xylenes, Total	500	**0.26**	0.0012 J	0.0033	0.002 U	0.0045	**9.9**

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_8-10_20230503	RI-SB-04_0-2_20230502	RI-SB-04_2-4_20230502	RI-SB-X1_20230502	RI-SB-04_8-10_20230502
		Laboratory Sample ID	460-279515-3	460-279369-7	460-279369-8	460-279369-10	460-279369-9
		Date Sampled	5/03/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethane	240	0.27	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	500	0.33	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0012 UT	0.00048 J	0.00027 J	0.0016	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	500	1.1	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloroethane	30	0.02	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.0012 UT	0.001 U	0.0011 U	0.00067 J	0.0011 U
1,3-Dichlorobenzene	280	2.4	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	130	1.8	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0061 U	0.005 U	0.0054 U	0.0056 U	0.0055 U
Acetone	500	**0.05**	**0.27**	**0.074**	**0.25**	**0.15**	0.0066 U
Benzene	44	**0.06**	0.0021	0.00042 J	0.00048 J	0.00097 J	0.0011 U
Bromochloromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0025 U	0.002 U	0.0022 U	0.0022 U	0.0022 U
Carbon Disulfide	NS	NS	0.0067	0.0013	0.00059 J	0.0017	0.0011 U
Carbon Tetrachloride	22	0.76	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Chlorobenzene	500	1.1	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	350	0.37	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	500	0.25	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Ethylbenzene	390	**1**	0.0012 U	0.00029 J	0.0011 U	0.0014	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.00054 J	0.001 U	0.0011 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.00035 J	0.00058 J	0.00024 J	0.0028	0.0011 U
Methyl Acetate	NS	NS	0.0061 U	0.005 U	0.0054 U	0.0056 U	0.0055 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.069	0.013	0.056	0.032	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0061 U	0.005 U	0.0018 J	0.0021 J	0.0055 U
Methylcyclohexane	NS	NS	0.011	0.001 U	0.0011 U	0.0011 U	0.0011 U
Methylene Chloride	500	**0.05**	0.0014 BJ	0.002 U	0.0022 U	0.0022 U	0.0019 J
N-Butylbenzene	500	12	0.0012 UT	0.001 U	0.0011 U	0.0011 U	0.0011 U
N-Propylbenzene	500	**3.9**	0.00027 JT	0.001 U	0.0011 U	0.00024 J	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.00042 J	0.00021 J	0.0021	0.0011 U
Sec-Butylbenzene	500	11	0.00036 JT	0.001 U	0.0011 U	0.0011 U	0.0011 U
Styrene	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
T-Butylbenzene	500	5.9	0.0012 UT	0.001 U	0.0011 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	500	0.93	0.0026	0.001 U	0.0014	0.0018	0.0011 U
Tetrachloroethylene (PCE)	150	1.3	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.00083 J
Toluene	500	**0.7**	0.00051 J	0.00053 J	0.0011 U	0.0022	0.0011 U
Trans-1,2-Dichloroethene	500	0.19	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	200	0.47	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.001 U	0.0011 U	0.0011 U	0.0011 U
Vinyl Chloride	13	0.02	0.0012 UT	0.001 U	0.0011 U	0.0011 U	0.0011 U
Xylenes, Total	500	**0.26**	0.00035 J	0.001 J	0.00045 J	0.0049	0.0022 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-05_0-2_20230503	RI-SB-05_5-7_20230503	RI-SB-05_8-10_20230503	RI-SB-06_0-2_20230501	RI-SB-06_5-7_20230501
		Laboratory Sample ID	460-279515-6	460-279515-7	460-279515-8	460-279329-4	460-279329-5
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/01/2023	5/01/2023
		Dilution Factor	1	1	1	1	50
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,1-Dichloroethane	240	0.27	0.0007 J	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,1-Dichloroethene	500	0.33	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0011 UT	0.0013 UT	0.0013 UT	0.097	**29**
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 UT
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2-Dichlorobenzene	500	1.1	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2-Dichloroethane	30	0.02	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.0011 UT	0.0013 UT	0.0013 UT	0.033	**11**
1,3-Dichlorobenzene	280	2.4	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
1,4-Dichlorobenzene	130	1.8	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
2-Hexanone	NS	NS	0.0055 U	0.0066 U	0.0064 U	0.0058 U	0.62 U
Acetone	500	**0.05**	**0.059**	**0.095**	0.0077 U	**0.079**	**0.95 T**
Benzene	44	**0.06**	0.0011 U	0.0013 U	0.0013 U	0.0041	**0.11 J**
Bromochloromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Bromodichloromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Bromoform	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 UT
Bromomethane	NS	NS	0.0022 U	0.0026 U	0.0026 U	0.0023 U	0.12 U
Carbon Disulfide	NS	NS	0.0015	0.0082	0.0013 U	0.0037	0.12 U
Carbon Tetrachloride	22	0.76	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Chlorobenzene	500	1.1	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Chloroethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Chloroform	350	0.37	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Chloromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Cis-1,2-Dichloroethylene	500	0.25	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Cyclohexane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0055	0.21
Dibromochloromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 UT
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Ethylbenzene	390	**1**	0.0011 U	0.0013 U	0.0013 U	0.021	**3.5**
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0035	0.93
M,P-Xylenes	NS	NS	0.00023 J	0.00032 J	0.0013 U	0.14	26
Methyl Acetate	NS	NS	0.0055 U	0.0066 U	0.0064 U	0.0058 U	0.62 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.016	0.02	0.0064 U	0.015	0.62 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0055 U	0.0066 U	0.0064 U	0.0058 U	0.62 U
Methylcyclohexane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.013	1.4
Methylene Chloride	500	**0.05**	0.0022 U	0.0021 BJ	0.0026 U	0.0023 U	**0.071 J**
N-Butylbenzene	500	12	0.0011 UT	0.0013 UT	0.0013 UT	0.0012 U	0.12 U
N-Propylbenzene	500	**3.9**	0.0011 UT	0.0013 UT	0.0013 UT	0.0074	2.6
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.022	4.3
Sec-Butylbenzene	500	11	0.0011 UT	0.0013 UT	0.0013 UT	0.00086 J	0.5
Styrene	NS	NS	0.0011 U	0.00048 J	0.0013 U	0.0018	0.12 U
T-Butylbenzene	500	5.9	0.0011 UT	0.0013 UT	0.0013 UT	0.0012 U	0.12 U
Tert-Butyl Methyl Ether	500	0.93	0.0011 U	0.0013 U	0.0013 U	0.0024	0.038 J
Tetrachloroethylene (PCE)	150	1.3	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Toluene	500	**0.7**	0.0011 U	0.00033 J	0.0013 U	0.0052	0.5
Trans-1,2-Dichloroethene	500	0.19	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Trichloroethylene (TCE)	200	0.47	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0013 U	0.0013 U	0.0012 U	0.12 U
Vinyl Chloride	13	0.02	0.0011 UT	0.0013 UT	0.0013 UT	0.0012 U	0.12 U
Xylenes, Total	500	**0.26**	0.00023 J	0.00032 J	0.0026 U	0.16	**31**

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-06_7-9_20230501	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501	RI-SB-08_0-2_20230501
		Laboratory Sample ID	460-279329-6	460-279329-7	460-279329-8	460-279329-9	460-279329-10
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	50	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	240	0.27	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	500	0.33	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.38	0.0029	0.0011 U	0.0011 U	0.0011 J
1,2-Dibromo-3-Chloropropane	NS	NS	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	500	1.1	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	30	0.02	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.087 J	0.0044	0.0011 U	0.0011 U	0.0008 J
1,3-Dichlorobenzene	280	2.4	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	130	1.8	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.87 U	0.0055 U	0.0055 U	0.0054 U	0.0058 U
Acetone	500	**0.05**	0.87 U	0.037	0.047	0.0065 U	0.031
Benzene	44	**0.06**	**0.13 J**	0.003	0.0011 U	0.00049 J	0.00098 J
Bromochloromethane	NS	NS	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.17 UT	0.0022 U	0.0022 U	0.0022 U	0.0023 U
Carbon Disulfide	NS	NS	0.17 U	0.0018	0.0013	0.0011 U	0.0012 U
Carbon Tetrachloride	22	0.76	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chlorobenzene	500	1.1	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	350	0.37	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	500	0.25	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.17 U	0.00056 J	0.0011 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.17 UT	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Ethylbenzene	390	**1**	0.18	0.0025	0.0011 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.69	0.011	0.0011 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.29 J	0.0055 U	0.0055 U	0.0054 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.87 U	0.0055 U	0.0055 U	0.0054 U	0.0066
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.87 U	0.0055 U	0.0055 U	0.0054 U	0.0058 U
Methylcyclohexane	NS	NS	0.17 U	0.0016	0.0011 U	0.0011 U	0.0012 U
Methylene Chloride	500	**0.05**	**0.084 J**	0.0022 U	0.0022 U	0.0022 U	0.0023 U
N-Butylbenzene	500	12	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
N-Propylbenzene	500	**3.9**	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.12 J	0.0068	0.0011 U	0.0011 U	0.0012 U
Sec-Butylbenzene	500	11	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
T-Butylbenzene	500	5.9	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	500	0.93	0.051 J	0.0011 U	0.0011 U	0.0011 U	0.0021
Tetrachloroethylene (PCE)	150	1.3	0.17 U	0.0011 U	0.0011 U	0.00075 J	0.0012 U
Toluene	500	**0.7**	0.12 J	0.0053	0.00082 J	0.0011 U	0.00038 J
Trans-1,2-Dichloroethene	500	0.19	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	200	0.47	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.17 U	0.0011 UT	0.0011 UT	0.0011 UT	0.0012 UT
Vinyl Chloride	13	0.02	0.17 U	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Xylenes, Total	500	**0.26**	**0.81**	0.018	0.0022 U	0.0022 U	0.0023 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_2-4_20230501	RI-SB-08_8-10_20230501	RI-SB-09_0-2_20230502	RI-SB-09_6-8_20230502	RI-SB-09_8-10_20230502
		Laboratory Sample ID	460-279329-11	460-279329-12	460-279369-4	460-279369-5	460-279369-6
		Date Sampled	5/01/2023	5/01/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	500	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,1-Dichloroethane	240	0.27	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,1-Dichloroethene	500	0.33	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2,4-Trimethylbenzene	**190**	**3.6**	**220**	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	1.4 UT	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichlorobenzene	500	1.1	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichloroethane	30	0.02	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,2-Dichloropropane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	**84**	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,3-Dichlorobenzene	280	2.4	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
1,4-Dichlorobenzene	130	1.8	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
2-Hexanone	NS	NS	6.8 U	0.0063 U	0.0062 U	0.0061 U	0.0054 U
Acetone	500	**0.05**	6.8 UT	0.0075 U	0.044	0.0097	0.0085
Benzene	44	**0.06**	**0.61 J**	0.0013 U	0.00038 J	0.00042 J	0.0011 U
Bromochloromethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Bromodichloromethane	NS	NS	1.4 UT	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Bromoform	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Bromomethane	NS	NS	1.4 U	0.0025 U	0.0025 U	0.0024 U	0.0022 U
Carbon Disulfide	NS	NS	1.4 U	0.0013 U	0.00091 J	0.0012 U	0.0011 U
Carbon Tetrachloride	22	0.76	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Chlorobenzene	500	1.1	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Chloroethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Chloroform	350	0.37	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Chloromethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Cis-1,2-Dichloroethylene	500	0.25	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Cyclohexane	NS	NS	2	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Dibromochloromethane	NS	NS	1.4 UT	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Dichlorodifluoromethane	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Ethylbenzene	390	**1**	**23**	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	6.1	0.0013 U	0.0012 U	0.0012 U	0.0011 U
M,P-Xylenes	NS	NS	150	0.0013 U	0.0012 U	0.00027 J	0.0011 U
Methyl Acetate	NS	NS	6.8 U	0.0063 U	0.0062 U	0.0061 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	6.8 U	0.0063 U	0.012	0.0061 U	0.0069
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	6.8 U	0.0063 U	0.0062 U	0.0061 U	0.0054 U
Methylcyclohexane	NS	NS	9.9	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Methylene Chloride	500	**0.05**	1.4 U	0.0025 U	0.0025 U	0.0024 U	0.0022 U
N-Butylbenzene	500	12	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
N-Propylbenzene	500	**3.9**	**17**	0.0013 U	0.0012 U	0.0012 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	15	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Sec-Butylbenzene	500	11	3.5	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Styrene	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
T-Butylbenzene	500	5.9	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Tert-Butyl Methyl Ether	500	0.93	0.77 J	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Tetrachloroethylene (PCE)	150	1.3	1.4 U	0.0018	0.0012 U	0.00037 J	0.0011 U
Toluene	500	**0.7**	**1.4**	0.0013 U	0.0012 U	0.00039 J	0.0011 U
Trans-1,2-Dichloroethene	500	0.19	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Trichloroethylene (TCE)	200	0.47	1.4 U	0.0013	0.0012 U	0.0012 U	0.0011 U
Trichlorofluoromethane	NS	NS	1.4 U	0.0013 UT	0.0012 U	0.0012 U	0.0011 U
Vinyl Chloride	13	0.02	1.4 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U
Xylenes, Total	500	**0.26**	**170**	0.0025 U	0.0025 U	0.00027 J	0.0022 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_0-2_20230503	RI-SB-10_6-8_20230503	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502
		Laboratory Sample ID	460-279515-9	460-279515-10	460-279515-11	460-279369-1	460-279369-2
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,1-Dichloroethane	240	0.27	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,1-Dichloroethene	500	0.33	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0011 UT	0.0012 UT	0.0015 UT	0.0008 J	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2-Dichlorobenzene	500	1.1	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2-Dichloroethane	30	0.02	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
1,3-Dichlorobenzene	280	2.4	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
1,4-Dichlorobenzene	130	1.8	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
2-Hexanone	NS	NS	0.0056 U	0.0059 U	0.0074 U	0.0057 U	0.005 U
Acetone	500	**0.05**	0.0085	0.031	0.0097	**0.12**	**0.082**
Benzene	44	**0.06**	0.0011 U	0.0014	0.0015 U	0.00042 J	0.001 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Bromomethane	NS	NS	0.0022 U	0.0024 U	0.003 U	0.0023 U	0.002 U
Carbon Disulfide	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0059	0.0031
Carbon Tetrachloride	22	0.76	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Chlorobenzene	500	1.1	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Chloroform	350	0.37	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Cis-1,2-Dichloroethylene	500	0.25	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Ethylbenzene	390	**1**	0.0011 U	0.00034 J	0.0015 U	0.0004 J	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
M,P-Xylenes	NS	NS	0.0011 U	0.00029 J	0.0015 U	0.00043 J	0.001 U
Methyl Acetate	NS	NS	0.0056 U	0.0059 U	0.0074 U	0.0057 U	0.005 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.0056 U	0.0087	0.0074 U	0.011	0.014
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0056 U	0.0059 U	0.0074 U	0.0057 U	0.005 U
Methylcyclohexane	NS	NS	0.0011 U	0.0006 J	0.0015 U	0.0011 U	0.001 U
Methylene Chloride	500	**0.05**	0.0022 U	0.0024 U	0.003 U	0.0023 U	0.002 U
N-Butylbenzene	500	12	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
N-Propylbenzene	500	**3.9**	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.00038 J	0.001 U
Sec-Butylbenzene	500	11	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
T-Butylbenzene	500	5.9	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
Tert-Butyl Methyl Ether	500	0.93	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Tetrachloroethylene (PCE)	150	1.3	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Toluene	500	**0.7**	0.0011 U	0.001 J	0.0015 U	0.00045 J	0.001 U
Trans-1,2-Dichloroethene	500	0.19	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Trichloroethylene (TCE)	200	0.47	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.0015 U	0.0011 U	0.001 U
Vinyl Chloride	13	0.02	0.0011 UT	0.0012 UT	0.0015 UT	0.0011 U	0.001 U
Xylenes, Total	500	**0.26**	0.0022 U	0.00029 J	0.003 U	0.00081 J	0.002 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-11_8-10_20230502	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504	RI-SB-14_5-7_20230504
		Laboratory Sample ID	460-279369-3	460-279515-4	460-279515-5	460-279573-5	460-279573-6
		Date Sampled	5/02/2023	5/03/2023	5/03/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,1-Dichloroethane	240	0.27	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,1-Dichloroethene	500	0.33	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0016 U	0.0013 UT	0.0061 UT	0.00042 J	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	500	1.1	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2-Dichloroethane	30	0.02	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.0016 U	0.0013 UT	0.0061 UT	0.0013 U	0.0011 U
1,3-Dichlorobenzene	280	2.4	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
1,4-Dichlorobenzene	130	1.8	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
2-Hexanone	NS	NS	0.0078 U	0.0065 U	0.031 U	0.0063 U	0.0056 U
Acetone	500	**0.05**	0.0093 U	0.0078 U	**0.07**	**0.087**	0.0064 J
Benzene	44	**0.06**	0.0016 U	0.0013 U	0.0061 U	0.00043 J	0.0011 U
Bromochloromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Bromodichloromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Bromoform	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Bromomethane	NS	NS	0.0031 U	0.0026 U	0.012 U	0.0025 U	0.0022 U
Carbon Disulfide	NS	NS	0.0016 U	0.00074 J	0.014	0.0012 J	0.0011 U
Carbon Tetrachloride	22	0.76	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Chlorobenzene	500	1.1	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Chloroethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Chloroform	350	0.37	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Chloromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	500	0.25	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Cyclohexane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Dibromochloromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Ethylbenzene	390	**1**	0.0016 U	0.0013 U	0.0061 U	0.00058 J	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
M,P-Xylenes	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.00052 J	0.0011 U
Methyl Acetate	NS	NS	0.0078 U	0.0065 U	0.031 U	0.0063 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.0078 U	0.0065 U	0.049	0.019	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0078 U	0.0065 U	0.031 U	0.0063 U	0.0056 U
Methylcyclohexane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Methylene Chloride	500	**0.05**	0.0031 U	0.0026 U	0.012 U	0.0025 U	0.0022 U
N-Butylbenzene	500	12	0.0016 U	0.0013 UT	0.0061 UT	0.00053 J	0.0011 U
N-Propylbenzene	500	**3.9**	0.0016 U	0.0013 UT	0.0061 UT	0.00084 J	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0014	0.0011 U
Sec-Butylbenzene	500	11	0.0016 U	0.0013 UT	0.0061 UT	0.0013 U	0.0011 U
Styrene	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
T-Butylbenzene	500	5.9	0.0016 U	0.0013 UT	0.0061 UT	0.0013 U	0.0011 U
Tert-Butyl Methyl Ether	500	0.93	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Tetrachloroethylene (PCE)	150	1.3	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Toluene	500	**0.7**	0.0016 U	0.0013 U	0.0061 U	0.00032 J	0.0011 U
Trans-1,2-Dichloroethene	500	0.19	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Trichloroethylene (TCE)	200	0.47	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0016 U	0.0013 U	0.0061 U	0.0013 U	0.0011 U
Vinyl Chloride	13	0.02	0.0016 U	0.0013 UT	0.0061 UT	0.0013 U	0.0011 U
Xylenes, Total	500	**0.26**	0.0031 U	0.0026 U	0.012 U	0.0019 J	0.0022 U

Table 2
Soil Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-14_8-10_20230504
		Laboratory Sample ID	460-279573-7
		Date Sampled	5/04/2023
		Dilution Factor	1
		Unit	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q
1,1,1-Trichloroethane	500	0.68	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freo	NS	NS	0.0014 U
1,1,2-Trichloroethane	NS	NS	0.0014 U
1,1-Dichloroethane	240	0.27	0.0014 U
1,1-Dichloroethene	500	0.33	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U
1,2,4-Trimethylbenzene	**190**	**3.6**	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U
1,2-Dichlorobenzene	500	1.1	0.0014 U
1,2-Dichloroethane	30	0.02	0.0014 U
1,2-Dichloropropane	NS	NS	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	0.0014 U
1,3-Dichlorobenzene	280	2.4	0.0014 U
1,4-Dichlorobenzene	130	1.8	0.0014 U
2-Hexanone	NS	NS	0.0069 U
Acetone	500	**0.05**	0.02
Benzene	44	**0.06**	0.0014 U
Bromochloromethane	NS	NS	0.0014 U
Bromodichloromethane	NS	NS	0.0014 U
Bromoform	NS	NS	0.0014 U
Bromomethane	NS	NS	0.0028 U
Carbon Disulfide	NS	NS	0.0011 J
Carbon Tetrachloride	22	0.76	0.0014 U
Chlorobenzene	500	1.1	0.0014 U
Chloroethane	NS	NS	0.0014 U
Chloroform	350	0.37	0.0014 U
Chloromethane	NS	NS	0.0014 U
Cis-1,2-Dichloroethylene	500	0.25	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U
Cyclohexane	NS	NS	0.0014 U
Dibromochloromethane	NS	NS	0.0014 U
Dichlorodifluoromethane	NS	NS	0.0014 U
Ethylbenzene	390	**1**	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U
M,P-Xylenes	NS	NS	0.0014 U
Methyl Acetate	NS	NS	0.0069 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	0.0069 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentar	NS	NS	0.0069 U
Methylcyclohexane	NS	NS	0.0014 U
Methylene Chloride	500	**0.05**	0.0028 U
N-Butylbenzene	500	12	0.0014 U
N-Propylbenzene	500	**3.9**	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U
Sec-Butylbenzene	500	11	0.0014 U
Styrene	NS	NS	0.0014 U
T-Butylbenzene	500	5.9	0.0014 U
Tert-Butyl Methyl Ether	500	0.93	0.0014 U
Tetrachloroethylene (PCE)	150	1.3	0.00062 J
Toluene	500	**0.7**	0.0014 U
Trans-1,2-Dichloroethene	500	0.19	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U
Trichloroethylene (TCE)	200	0.47	0.0014 U
Trichlorofluoromethane	NS	NS	0.0014 U
Vinyl Chloride	13	0.02	0.0014 U
Xylenes, Total	500	**0.26**	0.0028 U

Table 3
Sediment Analytical Results for Volatile organic Compounds
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-CB-03_20230504	RI-CB-04_20230504	RI-CB-05_20230504
		Laboratory Sample ID	460-279573-9	460-279573-10	460-279573-11
		Date Sampled	5/04/2023	5/04/2023	5/04/2023
		Dilution Factor	500	1	1
		Unit	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	500	0.68	1.3 U	0.0021 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	1.3 U	0.0021 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1.3 U	0.0021 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	1.3 U	0.0021 U	0.0014 U
1,1-Dichloroethane	240	0.27	1.3 U	0.0021 U	0.0014 U
1,1-Dichloroethene	500	0.33	1.3 U	0.0021 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	1.3 U	0.0021 U	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	1.3 U	0.0021 U	0.0014 U
1,2,4-Trimethylbenzene	190	**3.6**	**160**	0.0021 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	1.3 U	0.0021 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.3 U	0.0021 U	0.0014 U
1,2-Dichlorobenzene	500	1.1	1.3 U	0.0021 U	0.0014 U
1,2-Dichloroethane	30	0.02	1.3 U	0.0021 U	0.0014 U
1,2-Dichloropropane	NS	NS	1.3 U	0.0021 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	190	**8.4**	**72**	0.0021 U	0.0014 U
1,3-Dichlorobenzene	280	2.4	1.3 U	0.0021 U	0.0014 U
1,4-Dichlorobenzene	130	1.8	1.3 U	0.0021 U	0.0014 U
2-Hexanone	NS	NS	6.7 U	0.011 U	0.0072 U
Acetone	500	**0.05**	6.7 UT	**0.067**	0.0087 U
Benzene	44	**0.06**	**1.1 J**	0.0021 U	0.0014 U
Bromochloromethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Bromodichloromethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Bromoform	NS	NS	1.3 U	0.0021 U	0.0014 U
Bromomethane	NS	NS	1.3 U	0.0043 U	0.0029 U
Carbon Disulfide	NS	NS	1.3 U	0.0021 U	0.0014 U
Carbon Tetrachloride	22	0.76	1.3 U	0.0021 U	0.0014 U
Chlorobenzene	500	1.1	1.3 U	0.0021 U	0.0014 U
Chloroethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Chloroform	350	0.37	1.3 U	0.0021 U	0.0014 U
Chloromethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Cis-1,2-Dichloroethylene	500	0.25	1.3 U	0.0021 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	1.3 U	0.0021 U	0.0014 U
Cyclohexane	NS	NS	24	0.0021 U	0.0014 U
Dibromochloromethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Dichlorodifluoromethane	NS	NS	1.3 U	0.0021 U	0.0014 U
Ethylbenzene	390	**1**	**31**	0.0021 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	4.4	0.0021 U	0.0014 U
M,P-Xylenes	NS	NS	230	0.0021 U	0.0014 U
Methyl Acetate	NS	NS	6.7 U	0.011 U	0.0072 U
Methyl Ethyl Ketone (2-Butanone)	500	0.12	6.7 U	0.014	0.0072 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	6.7 U	0.011 U	0.0072 U
Methylcyclohexane	NS	NS	82	0.0021 U	0.0014 U
Methylene Chloride	500	0.05	1.3 U	0.0043 U	0.0029 U
N-Butylbenzene	500	12	1.3 U	0.0021 U	0.0014 U
N-Propylbenzene	500	**3.9**	**14**	0.0021 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	88	0.0021 U	0.0014 U
Sec-Butylbenzene	500	11	2	0.0021 U	0.0014 U
Styrene	NS	NS	1.3 U	0.0021 U	0.0014 U
T-Butylbenzene	500	5.9	1.3 U	0.0021 U	0.0014 U
Tert-Butyl Methyl Ether	500	0.93	1.3 U	0.0021 U	0.0014 U
Tetrachloroethylene (PCE)	150	1.3	1.3 U	0.0021 U	0.0014 U
Toluene	500	**0.7**	**3.5**	0.0021 U	0.0014 U
Trans-1,2-Dichloroethene	500	0.19	1.3 U	0.0021 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	1.3 U	0.0021 U	0.0014 U
Trichloroethylene (TCE)	200	0.47	1.3 U	0.0021 U	0.0014 U
Trichlorofluoromethane	NS	NS	1.3 UT	0.0021 U	0.0014 U
Vinyl Chloride	13	0.02	1.3 U	0.0021 U	0.0014 U
Xylenes, Total	500	**0.26**	**320**	0.0043 U	0.0029 U

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501	RI-SB-01_0-2_20230501	RI-SB-01_2-4_20230501	RI-SB-01_9-11_20230501	RI-SB-02_0-2_20230504	RI-SB-02_13_20230504
		Laboratory Sample ID	460-279329-1	460-279329-1	460-279329-2	460-279329-3	460-279573-1	460-279573-12
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/04/2023	5/04/2023
		Dilution Factor	1	5	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.034 UT	NR	0.036 UT	0.038 UT	0.036 U	0.046 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
2,4,5-Trichlorophenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	NR	0.14 U	0.15 U	0.14 U	0.18 U
2,4-Dichlorophenol	NS	NS	0.14 U	NR	0.14 U	0.15 U	0.14 U	0.18 U
2,4-Dimethylphenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
2,4-Dinitrophenol	NS	NS	0.27 U	NR	0.29 U	0.31 U	0.29 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.069 U	NR	0.073 U	0.078 U	0.073 U	0.093 U
2,6-Dinitrotoluene	NS	NS	0.069 U	NR	0.073 U	0.078 U	0.073 U	0.093 U
2-Chloronaphthalene	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
2-Chlorophenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
2-Methylnaphthalene	NS	NS	0.49	NR	0.18 J	0.31 J	0.037 J	0.49
2-Methylphenol (O-Cresol)	500	0.33	0.34 U	NR	0.36 U	0.015 J	0.36 U	0.46 U
2-Nitroaniline	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 UT	0.46 U
2-Nitrophenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
3- And 4- Methylphenol (Total)	500	NS	0.046 J	NR	0.031 J	0.049 J	0.36 U	0.2 J
3,3'-Dichlorobenzidine	NS	NS	0.14 U	NR	0.14 U	0.15 U	0.14 U	0.18 U
3-Nitroaniline	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.27 U	NR	0.29 U	0.31 U	0.29 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4-Chloro-3-Methylphenol	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4-Chloroaniline	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4-Methylphenol (P-Cresol)	500	0.33	0.046 J	NR	0.031 J	0.049 J	0.36 U	0.2 J
4-Nitroaniline	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
4-Nitrophenol	NS	NS	0.69 U	NR	0.73 U	0.78 U	0.73 U	0.93 U
Acenaphthene	500	20	0.065 J	NR	0.044 J	0.65	0.046 J	0.46
Acenaphthylene	500	100	0.074 J	NR	0.046 J	0.6	0.022 J	4
Acetophenone	NS	NS	0.34 U	NR	0.075 J	0.38 U	0.36 U	0.46 U
Anthracene	500	100	0.13 J	NR	0.085 J	0.88	0.12 J	3.2
Atrazine	NS	NS	0.14 U	NR	0.14 U	0.15 U	0.14 U	0.18 UT
Benzaldehyde	NS	NS	0.34 U	NR	0.36 U	0.07 J	0.36 U	0.46 U
Benzo(a)Anthracene	**5.6**	**1**	0.43	NR	0.33	**3.8**	0.23	**8.3**
Benzo(a)Pyrene	**1**	**1**	0.58	NR	0.32	**3.2**	0.2	**7.7**
Benzo(b)Fluoranthene	**5.6**	**1**	**1.2**	NR	0.55	**5**	0.26	**8.1**
Benzo(g,h,i)Perylene	500	100	0.087 J	NR	0.27 J	0.95	0.14 J	2.6
Benzo(k)Fluoranthene	56	**0.8**	0.61	NR	0.29	**2**	0.089	**2.5**
Benzyl Butyl Phthalate	NS	NS	0.92	NR	0.085 J	0.086 J	0.1 J	0.46 U
Biphenyl (Diphenyl)	NS	NS	0.031 J	NR	0.015 J	0.1 J	0.36 U	0.14 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.034 U	NR	0.036 U	0.038 U	0.036 U	0.046 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	17	2.2	4.3	0.36	0.63
Caprolactam	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Carbazole	NS	NS	0.077 J	NR	0.034 J	0.45	0.046 J	0.28 J
Chrysene	56	**1**	0.77	NR	0.39	**3.6**	0.21 J	**8**
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.034 U	NR	0.067	0.32	0.033 J	**0.81**
Dibenzofuran	350	7	0.031 J	NR	0.022 J	0.76	0.028 J	0.3 J
Diethyl Phthalate	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Dimethyl Phthalate	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Di-N-Butyl Phthalate	NS	NS	0.13 J	NR	0.02 J	0.13 J	0.36 U	0.46 U
Di-N-Octylphthalate	NS	NS	0.34 U	NR	0.22 J	0.38 U	0.36 U	0.46 U
Fluoranthene	500	100	0.95	NR	0.6	8.8	0.48	10
Fluorene	500	30	0.098 J	NR	0.057 J	1.5	0.06 J	0.82
Hexachlorobenzene	6	0.33	0.034 U	NR	0.036 U	0.038 U	0.036 U	0.046 U
Hexachlorobutadiene	NS	NS	0.069 U	NR	0.073 U	0.078 U	0.073 U	0.093 U
Hexachlorocyclopentadiene	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Hexachloroethane	NS	NS	0.034 U	NR	0.036 U	0.038 U	0.036 U	0.046 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	0.22	NR	0.31	**1.4**	0.17	**3**
Isophorone	NS	NS	0.14 U	NR	0.14 U	0.15 U	0.14 U	0.18 U
Naphthalene	500	12	0.38	NR	0.26 J	0.89	0.026 J	0.8
Nitrobenzene	NS	NS	0.034 U	NR	0.036 U	0.038 U	0.036 U	0.046 U
N-Nitrosodi-N-Propylamine	NS	NS	0.034 U	NR	0.036 U	0.038 U	0.036 U	0.046 U
N-Nitrosodiphenylamine	NS	NS	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Pentachlorophenol	6.7	0.8	0.27 U	NR	0.29 U	0.31 U	0.29 U	0.37 U
Phenanthrene	500	100	0.43	NR	0.37	4.3	0.53	4.2
Phenol	500	0.33	0.34 U	NR	0.36 U	0.38 U	0.36 U	0.46 U
Pyrene	500	100	1.6	NR	0.7	7.4	0.53	NR

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_13_20230504	RI-SB-02_5-7_20230504	RI-SB-X2_20230504	RI-SB-02_8-10_20230504	RI-SB-02_8-10_20230504	RI-SB-03_0-2_20230503
		Laboratory Sample ID	460-279573-12	460-279573-2	460-279573-4	460-279573-3	460-279573-3	460-279515-1
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/04/2023	5/04/2023	5/03/2023
		Dilution Factor	5	1	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
1,4-Dioxane (P-Dioxane)	130	0.1	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2,4,5-Trichlorophenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2,4,6-Trichlorophenol	NS	NS	NR	0.15 U	0.15 U	0.16 U	NR	0.15 U
2,4-Dichlorophenol	NS	NS	NR	0.15 U	0.15 U	0.16 U	NR	0.15 U
2,4-Dimethylphenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2,4-Dinitrophenol	NS	NS	NR	0.31 U	0.3 U	0.32 U	NR	0.3 U
2,4-Dinitrotoluene	NS	NS	NR	0.078 U	0.077 U	0.08 U	NR	0.077 U
2,6-Dinitrotoluene	NS	NS	NR	0.078 U	0.077 U	0.08 U	NR	0.077 U
2-Chloronaphthalene	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2-Chlorophenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2-Methylnaphthalene	NS	NS	NR	0.059 J	0.38 U	0.52	NR	0.38 U
2-Methylphenol (O-Cresol)	500	0.33	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
2-Nitroaniline	NS	NS	NR	0.38 UT	0.38 UT	0.39 UT	NR	0.38 U
2-Nitrophenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
3- And 4- Methylphenol (Total)	500	NS	NR	0.38 U	0.38 U	0.031 J	NR	0.38 U
3,3'-Dichlorobenzidine	NS	NS	NR	0.15 U	0.15 U	0.16 U	NR	0.15 U
3-Nitroaniline	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.31 U	0.3 U	0.32 U	NR	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4-Chloro-3-Methylphenol	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4-Chloroaniline	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4-Methylphenol (P-Cresol)	500	0.33	NR	0.38 U	0.38 U	0.031 J	NR	0.38 U
4-Nitroaniline	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
4-Nitrophenol	NS	NS	NR	0.78 U	0.77 U	0.8 U	NR	0.77 U
Acenaphthene	500	20	NR	0.033 J	0.38 U	1.1	NR	0.013 J
Acenaphthylene	500	100	NR	0.028 J	0.021 J	0.34 J	NR	0.03 J
Acetophenone	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Anthracene	500	100	NR	0.065 J	0.031 J	3.3	NR	0.054 J
Atrazine	NS	NS	NR	0.15 U	0.15 U	0.16 U	NR	0.15 U
Benzaldehyde	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Benzo(a)Anthracene	**5.6**	**1**	NR	0.18	0.13	**7.4**	NR	0.27
Benzo(a)Pyrene	**1**	**1**	NR	0.18	0.12	**6.9**	NR	0.29
Benzo(b)Fluoranthene	**5.6**	**1**	NR	0.23	0.15	**8.6**	NR	0.38
Benzo(g,h,i)Perylene	500	100	NR	0.13 J	0.077 J	4.3	NR	0.15 J
Benzo(k)Fluoranthene	56	**0.8**	NR	0.094	0.063	**3.1**	NR	0.13
Benzyl Butyl Phthalate	NS	NS	NR	0.047 J	0.38 U	0.39 U	NR	0.38 U
Biphenyl (Diphenyl)	NS	NS	NR	0.38 U	0.38 U	0.16 J	NR	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.65	0.38 U	0.39 U	NR	0.12 J
Caprolactam	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Carbazole	NS	NS	NR	0.037 J	0.018 J	1.2	NR	0.015 J
Chrysene	56	**1**	NR	0.18 J	0.12 J	**7.2**	NR	0.32 J
Dibenz(a,h)Anthracene	**0.56**	**0.33**	NR	0.039	0.02 J	**1.1**	NR	0.039
Dibenzofuran	350	7	NR	0.025 J	0.38 U	1.1	NR	0.38 U
Diethyl Phthalate	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Dimethyl Phthalate	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Di-N-Butyl Phthalate	NS	NS	NR	0.017 J	0.023 J	0.39 U	NR	0.38 U
Di-N-Octylphthalate	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Fluoranthene	500	100	NR	0.3 J	0.2 J	NR	9.3	0.51
Fluorene	500	30	NR	0.043 J	0.013 J	1.5	NR	0.017 J
Hexachlorobenzene	6	0.33	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
Hexachlorobutadiene	NS	NS	NR	0.078 U	0.077 U	0.08 U	NR	0.077 U
Hexachlorocyclopentadiene	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Hexachloroethane	NS	NS	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	NR	0.14	0.097	**5.1**	NR	0.17
Isophorone	NS	NS	NR	0.15 U	0.15 U	0.16 U	NR	0.15 U
Naphthalene	500	12	NR	0.051 J	0.017 J	1	NR	0.019 J
Nitrobenzene	NS	NS	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.038 U	0.038 U	0.039 U	NR	0.038 U
N-Nitrosodiphenylamine	NS	NS	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Pentachlorophenol	6.7	0.8	NR	0.31 U	0.3 U	0.32 U	NR	0.3 U
Phenanthrene	500	100	NR	0.26 J	0.15 J	NR	9.2	0.2 J
Phenol	500	0.33	NR	0.38 U	0.38 U	0.39 U	NR	0.38 U
Pyrene	500	100	22	0.34 J	0.23 J	NR	9.7	0.49

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_2-4_20230503	RI-SB-03_2-4_20230503	RI-SB-03_8-10_20230503	RI-SB-04_0-2_20230502	RI-SB-04_0-2_20230502	RI-SB-04_2-4_20230502
		Laboratory Sample ID	460-279515-2	460-279515-2	460-279515-3	460-279369-7	460-279369-7	460-279369-8
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	2	1	1	10	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	NR	0.15 U	0.15 U	NR	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	NR	0.15 U	0.15 U	NR	0.15 U
2,4-Dimethylphenol	NS	NS	0.35 U	NR	0.38 U	0.044 J	NR	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	NR	0.31 U	0.3 U	NR	0.29 U
2,4-Dinitrotoluene	NS	NS	0.072 U	NR	0.077 U	0.075 U	NR	0.073 U
2,6-Dinitrotoluene	NS	NS	0.072 U	NR	0.077 U	0.075 U	NR	0.073 U
2-Chloronaphthalene	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
2-Chlorophenol	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
2-Methylnaphthalene	NS	NS	1.6	NR	0.33 J	0.96	NR	0.4
2-Methylphenol (O-Cresol)	500	0.33	0.35 U	NR	0.38 U	0.019 J	NR	0.36 U
2-Nitroaniline	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
2-Nitrophenol	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
3- And 4- Methylphenol (Total)	500	NS	0.35 U	NR	0.38 U	0.067 J	NR	0.037 J
3,3'-Dichlorobenzidine	NS	NS	0.14 U	NR	0.15 U	0.15 U	NR	0.15 U
3-Nitroaniline	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	NR	0.31 U	0.3 U	NR	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4-Chloroaniline	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4-Methylphenol (P-Cresol)	500	0.33	0.35 U	NR	0.38 U	0.067 J	NR	0.037 J
4-Nitroaniline	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
4-Nitrophenol	NS	NS	0.72 U	NR	0.77 U	0.75 U	NR	0.73 U
Acenaphthene	500	20	0.12 J	NR	0.17 J	3.4	NR	0.038 J
Acenaphthylene	500	100	0.041 J	NR	0.062 J	0.97	NR	0.056 J
Acetophenone	NS	NS	0.35 U	NR	0.38 U	0.044 J	NR	0.36 U
Anthracene	500	100	0.19 J	NR	0.33 J	NR	9.8	0.072 J
Atrazine	NS	NS	0.14 U	NR	0.15 U	0.15 U	NR	0.15 U
Benzaldehyde	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Benzo(a)Anthracene	**5.6**	**1**	0.72	NR	0.91	NR	**17**	0.34
Benzo(a)Pyrene	**1**	**1**	0.84	NR	0.95	NR	**18**	0.44
Benzo(b)Fluoranthene	**5.6**	**1**	**1.2**	NR	**1.2**	NR	**23**	0.76
Benzo(g,h,i)Perylene	500	100	0.54	NR	0.55	8.1	NR	0.31 J
Benzo(k)Fluoranthene	56	**0.8**	0.43	NR	0.38	**7.6**	NR	0.26
Benzyl Butyl Phthalate	NS	NS	0.61	NR	0.26 J	0.65	NR	0.37
Biphenyl (Diphenyl)	NS	NS	0.044 J	NR	0.019 J	0.5	NR	0.016 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	7.8	3.9	NR	60	5.2
Caprolactam	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Carbazole	NS	NS	0.076 J	NR	0.13 J	4.4	NR	0.045 J
Chrysene	56	**1**	0.83	NR	1	NR	**17**	0.44
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.13	NR	0.13	**2.1**	NR	0.076
Dibenzofuran	350	7	0.055 J	NR	0.085 J	4	NR	0.019 J
Diethyl Phthalate	NS	NS	0.35 U	NR	0.014 J	0.37 U	NR	0.36 U
Dimethyl Phthalate	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.091 J	NR	0.038 J	0.086 J	NR	0.36 U
Di-N-Octylphthalate	NS	NS	0.76	NR	0.38 U	0.37 U	NR	0.36 U
Fluoranthene	500	100	1.4	NR	2	NR	46	0.58
Fluorene	500	30	0.15 J	NR	0.15 J	5.4	NR	0.042 J
Hexachlorobenzene	6	0.33	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
Hexachlorobutadiene	NS	NS	0.072 U	NR	0.077 U	0.075 U	NR	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Hexachloroethane	NS	NS	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	**0.6**	NR	**0.63**	NR	**15**	0.35
Isophorone	NS	NS	0.14 U	NR	0.15 U	0.15 U	NR	0.15 U
Naphthalene	500	12	0.55	NR	0.2 J	1.8	NR	0.38
Nitrobenzene	NS	NS	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	NR	0.038 U	0.037 U	NR	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Pentachlorophenol	6.7	0.8	0.29 U	NR	0.31 U	0.3 U	NR	0.29 U
Phenanthrene	500	100	0.83	NR	1.4	NR	50	0.31 J
Phenol	500	0.33	0.35 U	NR	0.38 U	0.37 U	NR	0.36 U
Pyrene	500	100	1.8	NR	2.1	NR	44	0.8

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-X1_20230502	RI-SB-04_8-10_20230502	RI-SB-04_8-10_20230502	RI-SB-05_0-2_20230503	RI-SB-05_5-7_20230503	RI-SB-05_8-10_20230503
		Laboratory Sample ID	460-279369-10	460-279369-9	460-279369-9	460-279515-6	460-279515-7	460-279515-8
		Date Sampled	5/02/2023	5/02/2023	5/02/2023	5/03/2023	5/03/2023	5/03/2023
		Dilution Factor	1	1	2	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	NR	0.15 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	NR	0.15 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.3 U	NR	0.29 U	0.29 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.076 U	NR	0.074 U	0.073 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.076 U	NR	0.074 U	0.073 U	0.077 U
2-Chloronaphthalene	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2-Chlorophenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2-Methylnaphthalene	NS	NS	0.16 J	0.15 J	NR	0.013 J	0.31 J	0.31 J
2-Methylphenol (O-Cresol)	500	0.33	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.017 J
2-Nitroaniline	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
2-Nitrophenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
3- And 4- Methylphenol (Total)	500	NS	0.043 J	0.026 J	NR	0.36 U	0.027 J	0.053 J
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	NR	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.3 U	NR	0.29 U	0.29 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4-Chloroaniline	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4-Methylphenol (P-Cresol)	500	0.33	0.043 J	0.026 J	NR	0.36 U	0.027 J	0.053 J
4-Nitroaniline	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
4-Nitrophenol	NS	NS	0.73 U	0.76 U	NR	0.74 U	0.73 U	0.77 U
Acenaphthene	500	20	0.097 J	0.23 J	NR	0.025 J	0.1 J	0.17 J
Acenaphthylene	500	100	0.11 J	0.42	NR	0.022 J	0.98	1.9
Acetophenone	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Anthracene	500	100	0.23 J	1.2	NR	0.097 J	1.6	2.2
Atrazine	NS	NS	0.15 U	0.15 U	NR	0.15 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Benzo(a)Anthracene	**5.6**	**1**	0.7	**5.9**	NR	0.16	**2.7**	**5.6**
Benzo(a)Pyrene	**1**	**1**	0.73	**5.6**	NR	0.2	**2.7**	**5.4**
Benzo(b)Fluoranthene	**5.6**	**1**	**1.1**	**6.9**	NR	0.27	**3.1**	**6.7**
Benzo(g,h,i)Perylene	500	100	0.42	2.7	NR	0.15 J	1	2.1
Benzo(k)Fluoranthene	56	**0.8**	0.38	**2.4**	NR	0.086	**1.2**	**2.6**
Benzyl Butyl Phthalate	NS	NS	0.39	0.37 U	NR	0.15 J	0.021 J	0.38 U
Biphenyl (Diphenyl)	NS	NS	0.023 J	0.038 J	NR	0.36 U	0.086 J	0.085 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	1.9	7.2	NR	0.16 J	0.36 U	0.38 U
Caprolactam	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Carbazole	NS	NS	0.098 J	0.21 J	NR	0.016 J	0.18 J	0.29 J
Chrysene	56	**1**	0.74	**6.3**	NR	0.2 J	**2.7**	**5.3**
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.1	**0.75**	NR	0.031 J	**0.37**	**0.71**
Dibenzofuran	350	7	0.07 J	0.17 J	NR	0.36 U	0.34 J	0.37 J
Diethyl Phthalate	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Dimethyl Phthalate	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.25 J	0.37 U	NR	0.022 J	0.36 U	0.032 J
Di-N-Octylphthalate	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Fluoranthene	500	100	1.3	NR	12	0.59	4.9	NR
Fluorene	500	30	0.11 J	0.24 J	NR	0.031 J	0.71	0.92
Hexachlorobenzene	6	0.33	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
Hexachlorobutadiene	NS	NS	0.073 U	0.076 U	NR	0.074 U	0.073 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Hexachloroethane	NS	NS	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	0.49	**3.4**	NR	0.15	**1.3**	**2.8**
Isophorone	NS	NS	0.15 U	0.15 U	NR	0.15 U	0.14 U	0.15 U
Naphthalene	500	12	0.17 J	0.43	NR	0.021 J	0.66	0.87
Nitrobenzene	NS	NS	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.037 U	NR	0.036 U	0.036 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Pentachlorophenol	6.7	0.8	0.29 U	0.3 U	NR	0.29 U	0.29 U	0.31 U
Phenanthrene	500	100	1	4.6	NR	0.16 J	4.1	6.8
Phenol	500	0.33	0.36 U	0.37 U	NR	0.36 U	0.36 U	0.38 U
Pyrene	500	100	1.4	NR	14	0.61	4.3	9.1

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-05_8-10_20230503	RI-SB-06_0-2_20230501	RI-SB-06_5-7_20230501	RI-SB-06_5-7_20230501	RI-SB-06_7-9_20230501	RI-SB-06_7-9_20230501
		Laboratory Sample ID	460-279515-8	460-279329-4	460-279329-5	460-279329-5	460-279329-6	460-279329-6
		Date Sampled	5/03/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	2	1	1	5	1	2
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
1,4-Dioxane (P-Dioxane)	130	0.1	NR	0.037 UT	0.037 UT	NR	0.034 UT	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.37 U	0.032 J	NR	0.34 U	NR
2,4,5-Trichlorophenol	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
2,4,6-Trichlorophenol	NS	NS	NR	0.15 U	0.15 U	NR	0.14 U	NR
2,4-Dichlorophenol	NS	NS	NR	0.15 U	0.15 U	NR	0.14 U	NR
2,4-Dimethylphenol	NS	NS	NR	0.37 U	0.085 J	NR	0.34 U	NR
2,4-Dinitrophenol	NS	NS	NR	0.3 U	0.29 U	NR	0.28 U	NR
2,4-Dinitrotoluene	NS	NS	NR	0.076 U	0.074 U	NR	0.07 U	NR
2,6-Dinitrotoluene	NS	NS	NR	0.076 U	0.074 U	NR	0.07 U	NR
2-Chloronaphthalene	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
2-Chlorophenol	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
2-Methylnaphthalene	NS	NS	NR	0.092 J	1.2	NR	0.55	NR
2-Methylphenol (O-Cresol)	500	0.33	NR	0.37 U	0.37 U	NR	0.34 U	NR
2-Nitroaniline	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
2-Nitrophenol	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
3- And 4- Methylphenol (Total)	500	NS	NR	0.37 U	0.042 J	NR	0.041 J	NR
3,3'-Dichlorobenzidine	NS	NS	NR	0.15 U	0.15 U	NR	0.14 U	NR
3-Nitroaniline	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.3 U	0.29 U	NR	0.28 U	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.018 J	0.37 U	NR	0.34 U	NR
4-Chloro-3-Methylphenol	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
4-Chloroaniline	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
4-Methylphenol (P-Cresol)	500	0.33	NR	0.37 U	0.042 J	NR	0.041 J	NR
4-Nitroaniline	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
4-Nitrophenol	NS	NS	NR	0.76 U	0.74 U	NR	0.7 U	NR
Acenaphthene	500	20	NR	0.057 J	0.18 J	NR	0.6	NR
Acenaphthylene	500	100	NR	0.16 J	0.056 J	NR	0.13 J	NR
Acetophenone	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Anthracene	500	100	NR	0.21 J	0.32 J	NR	1.4	NR
Atrazine	NS	NS	NR	0.15 U	0.082 J	NR	0.14 U	NR
Benzaldehyde	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Benzo(a)Anthracene	**5.6**	**1**	NR	0.75	**1.5**	NR	**2.4**	NR
Benzo(a)Pyrene	**1**	**1**	NR	0.79	**1.5**	NR	**2.3**	NR
Benzo(b)Fluoranthene	**5.6**	**1**	NR	**1.1**	**2.5**	NR	**3**	NR
Benzo(g,h,i)Perylene	500	100	NR	0.73	0.62	NR	0.63	NR
Benzo(k)Fluoranthene	56	**0.8**	NR	0.55	**1.3**	NR	**1.7**	NR
Benzyl Butyl Phthalate	NS	NS	NR	0.054 J	0.82	NR	1.2	NR
Biphenyl (Diphenyl)	NS	NS	NR	0.027 J	0.031 J	NR	0.084 J	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.037 U	0.037 U	NR	0.034 U	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.081 J	NR	14	NR	9
Caprolactam	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Carbazole	NS	NS	NR	0.19 J	0.14 J	NR	0.57	NR
Chrysene	56	**1**	NR	0.85	**1.5**	NR	**2.4**	NR
Dibenz(a,h)Anthracene	**0.56**	**0.33**	NR	0.23	0.19	NR	0.21	NR
Dibenzofuran	350	7	NR	0.13 J	0.087 J	NR	0.42	NR
Diethyl Phthalate	NS	NS	NR	0.02 J	0.033 J	NR	0.34 U	NR
Dimethyl Phthalate	NS	NS	NR	0.37 U	0.083 J	NR	0.34 U	NR
Di-N-Butyl Phthalate	NS	NS	NR	0.045 J	0.13 J	NR	0.17 J	NR
Di-N-Octylphthalate	NS	NS	NR	0.035 J	2	NR	0.34 U	NR
Fluoranthene	500	100	11	1.7	2.7	NR	5.3	NR
Fluorene	500	30	NR	0.16 J	0.27 J	NR	0.77	NR
Hexachlorobenzene	6	0.33	NR	0.024 J	0.033 J	NR	0.034 U	NR
Hexachlorobutadiene	NS	NS	NR	0.076 U	0.074 U	NR	0.07 U	NR
Hexachlorocyclopentadiene	NS	NS	NR	0.37 U	0.37 U	NR	0.34 U	NR
Hexachloroethane	NS	NS	NR	0.037 U	0.037 U	NR	0.034 U	NR
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	NR	**0.93**	**0.85**	NR	**1**	NR
Isophorone	NS	NS	NR	0.15 U	0.15 U	NR	0.14 U	NR
Naphthalene	500	12	NR	0.28 J	0.56	NR	0.43	NR
Nitrobenzene	NS	NS	NR	0.037 U	0.037 U	NR	0.034 U	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.037 U	0.037 U	NR	0.034 U	NR
N-Nitrosodiphenylamine	NS	NS	NR	0.37 U	0.37 U	NR	0.098 J	NR
Pentachlorophenol	6.7	0.8	NR	0.3 U	0.29 U	NR	0.28 U	NR
Phenanthrene	500	100	NR	1.3	1.2	NR	6	NR
Phenol	500	0.33	NR	0.37 U	0.37 U	NR	0.34 U	NR
Pyrene	500	100	NR	1.4	3.4	NR	5.5	NR

Table 4
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Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-07_0-2_20230501	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501	RI-SB-08_0-2_20230501	RI-SB-08_2-4_20230501
		Laboratory Sample ID	460-279329-7	460-279329-7	460-279329-8	460-279329-9	460-279329-10	460-279329-11
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	1	5	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.036 UT	NR	0.039 UT	0.038 UT	0.035 UT	0.035 UT
2,3,4,6-Tetrachlorophenol	NS	NS	0.028 J	NR	0.39 U	0.38 U	0.35 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	NR	0.16 U	0.15 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	NR	0.16 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2,4-Dinitrophenol	NS	NS	0.29 U	NR	0.31 U	0.31 U	0.28 U	0.28 U
2,4-Dinitrotoluene	NS	NS	0.074 U	NR	0.079 U	0.078 U	0.071 U	0.071 U
2,6-Dinitrotoluene	NS	NS	0.074 U	NR	0.079 U	0.078 U	0.071 U	0.071 U
2-Chloronaphthalene	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2-Chlorophenol	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2-Methylnaphthalene	NS	NS	0.51	NR	0.069 J	0.14 J	0.71	1.3
2-Methylphenol (O-Cresol)	500	0.33	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2-Nitroaniline	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
2-Nitrophenol	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
3- And 4- Methylphenol (Total)	500	NS	0.067 J	NR	0.39 U	0.38 U	0.03 J	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NR	0.16 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	NR	0.31 U	0.31 U	0.28 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4-Chloroaniline	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4-Methylphenol (P-Cresol)	500	0.33	0.067 J	NR	0.39 U	0.38 U	0.03 J	0.35 U
4-Nitroaniline	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
4-Nitrophenol	NS	NS	0.74 U	NR	0.79 U	0.78 U	0.71 U	0.71 U
Acenaphthene	500	20	0.043 J	NR	0.15 J	0.36 J	0.032 J	0.053 J
Acenaphthylene	500	100	0.095 J	NR	0.11 J	0.19 J	0.016 J	0.04 J
Acetophenone	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Anthracene	500	100	0.11 J	NR	0.37 J	1.2	0.065 J	0.16 J
Atrazine	NS	NS	0.032 J	NR	0.16 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Benzo(a)Anthracene	**5.6**	**1**	0.36	NR	1	**2.4**	0.37	0.51
Benzo(a)Pyrene	**1**	**1**	0.81	NR	0.98	**2.3**	0.4	0.45
Benzo(b)Fluoranthene	**5.6**	**1**	**1.1**	NR	**1.5**	**2.7**	0.73	0.61
Benzo(g,h,i)Perylene	500	100	0.93	NR	0.77	1.3	0.27 J	0.23 J
Benzo(k)Fluoranthene	56	**0.8**	0.49	NR	0.65	**0.98**	0.25	0.23
Benzyl Butyl Phthalate	NS	NS	0.79	NR	0.07 J	0.38 U	0.48	0.37
Biphenyl (Diphenyl)	NS	NS	0.031 J	NR	0.02 J	0.043 J	0.013 J	0.03 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	NR	0.039 U	0.038 U	0.035 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	18	1.2	0.38 U	8	NR
Caprolactam	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Carbazole	NS	NS	0.061 J	NR	0.15 J	0.35 J	0.021 J	0.052 J
Chrysene	56	**1**	0.44	NR	**1.1**	**2.4**	0.52	0.57
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.24	NR	0.13	**0.36**	0.076	0.071
Dibenzofuran	350	7	0.024 J	NR	0.12 J	0.28 J	0.016 J	0.05 J
Diethyl Phthalate	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Dimethyl Phthalate	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.14 J	NR	0.26 J	0.38 U	0.19 J	0.14 J
Di-N-Octylphthalate	NS	NS	1.7	NR	0.39 U	0.38 U	0.46	0.35 U
Fluoranthene	500	100	0.69	NR	2.3	5.3	0.67	1
Fluorene	500	30	0.079 J	NR	0.19 J	0.44	0.051 J	0.091 J
Hexachlorobenzene	6	0.33	0.036 U	NR	0.039 U	0.038 U	0.035 U	0.035 U
Hexachlorobutadiene	NS	NS	0.074 U	NR	0.079 U	0.078 U	0.071 U	0.071 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Hexachloroethane	NS	NS	0.036 U	NR	0.039 U	0.038 U	0.035 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	**1.1**	NR	**0.88**	**1.5**	0.29	0.26
Isophorone	NS	NS	0.15 U	NR	0.16 U	0.15 U	0.14 U	0.14 U
Naphthalene	500	12	0.59	NR	0.12 J	0.12 J	0.7	0.86
Nitrobenzene	NS	NS	0.036 U	NR	0.039 U	0.038 U	0.035 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	NR	0.039 U	0.038 U	0.035 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Pentachlorophenol	6.7	0.8	0.29 U	NR	0.31 U	0.31 U	0.28 U	0.28 U
Phenanthrene	500	100	0.33 J	NR	1.2	4.9	0.23 J	1
Phenol	500	0.33	0.36 U	NR	0.39 U	0.38 U	0.35 U	0.35 U
Pyrene	500	100	1	NR	2.1	4.5	0.9	1.1

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_2-4_20230501	RI-SB-08_8-10_20230501	RI-SB-09_0-2_20230502	RI-SB-09_6-8_20230502	RI-SB-09_6-8_20230502	RI-SB-09_8-10_20230502
		Laboratory Sample ID	460-279329-11	460-279329-12	460-279369-4	460-279369-5	460-279369-5	460-279369-6
		Date Sampled	5/01/2023	5/01/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	5	1	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
1,4-Dioxane (P-Dioxane)	130	0.1	NR	0.041 UT	0.037 U	0.038 U	NR	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2,4,5-Trichlorophenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2,4,6-Trichlorophenol	NS	NS	NR	0.16 U	0.15 U	0.15 U	NR	0.16 U
2,4-Dichlorophenol	NS	NS	NR	0.16 U	0.15 U	0.15 U	NR	0.16 U
2,4-Dimethylphenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2,4-Dinitrophenol	NS	NS	NR	0.33 U	0.3 U	0.31 U	NR	0.32 U
2,4-Dinitrotoluene	NS	NS	NR	0.083 U	0.075 U	0.077 U	NR	0.08 U
2,6-Dinitrotoluene	NS	NS	NR	0.083 U	0.075 U	0.077 U	NR	0.08 U
2-Chloronaphthalene	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2-Chlorophenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2-Methylnaphthalene	NS	NS	NR	0.012 J	0.03 J	0.15 J	NR	0.033 J
2-Methylphenol (O-Cresol)	500	0.33	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2-Nitroaniline	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
2-Nitrophenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
3- And 4- Methylphenol (Total)	500	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
3,3'-Dichlorobenzidine	NS	NS	NR	0.16 U	0.15 U	0.15 U	NR	0.16 U
3-Nitroaniline	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.33 U	0.3 U	0.31 U	NR	0.32 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Chloro-3-Methylphenol	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Chloroaniline	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Methylphenol (P-Cresol)	500	0.33	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Nitroaniline	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
4-Nitrophenol	NS	NS	NR	0.83 U	0.75 U	0.77 U	NR	0.8 U
Acenaphthene	500	20	NR	0.021 J	0.11 J	0.34 J	NR	0.057 J
Acenaphthylene	500	100	NR	0.016 J	0.035 J	0.22 J	NR	0.049 J
Acetophenone	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Anthracene	500	100	NR	0.059 J	0.24 J	1.3	NR	0.18 J
Atrazine	NS	NS	NR	0.16 U	0.15 U	0.15 U	NR	0.16 U
Benzaldehyde	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Benzo(a)Anthracene	**5.6**	**1**	NR	0.27	0.94	**7**	NR	0.64
Benzo(a)Pyrene	**1**	**1**	NR	0.28	0.94	**6.7**	NR	0.58
Benzo(b)Fluoranthene	**5.6**	**1**	NR	0.33	**1.2**	**8.5**	NR	0.75
Benzo(g,h,i)Perylene	500	100	NR	0.13 J	0.6	3.5	NR	0.35 J
Benzo(k)Fluoranthene	56	**0.8**	NR	0.12	0.48	**2.8**	NR	0.29
Benzyl Butyl Phthalate	NS	NS	NR	0.41 U	0.079 J	0.38 U	NR	0.39 U
Biphenyl (Diphenyl)	NS	NS	NR	0.41 U	0.37 U	0.045 J	NR	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.041 U	0.037 U	0.038 U	NR	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	12	0.41 U	0.33 J	0.13 J	NR	0.39 U
Caprolactam	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Carbazole	NS	NS	NR	0.024 J	0.082 J	0.36 J	NR	0.082 J
Chrysene	56	**1**	NR	0.29 J	0.94	**7**	NR	0.68
Dibenz(a,h)Anthracene	**0.56**	**0.33**	NR	0.037 J	0.16	**0.91**	NR	0.089
Dibenzofuran	350	7	NR	0.017 J	0.055 J	0.24 J	NR	0.036 J
Diethyl Phthalate	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Dimethyl Phthalate	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Di-N-Butyl Phthalate	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Di-N-Octylphthalate	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Fluoranthene	500	100	NR	0.51	1.6	NR	13	1.3
Fluorene	500	30	NR	0.025 J	0.087 J	0.37 J	NR	0.063 J
Hexachlorobenzene	6	0.33	NR	0.041 U	0.037 U	0.038 U	NR	0.039 U
Hexachlorobutadiene	NS	NS	NR	0.083 U	0.075 U	0.077 U	NR	0.08 U
Hexachlorocyclopentadiene	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Hexachloroethane	NS	NS	NR	0.041 U	0.037 U	0.038 U	NR	0.039 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	NR	0.16	**0.76**	**4.2**	NR	0.42
Isophorone	NS	NS	NR	0.16 U	0.15 U	0.15 U	NR	0.16 U
Naphthalene	500	12	NR	0.022 J	0.041 J	0.23 J	NR	0.042 J
Nitrobenzene	NS	NS	NR	0.041 U	0.037 U	0.038 U	NR	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.041 U	0.037 U	0.038 U	NR	0.039 U
N-Nitrosodiphenylamine	NS	NS	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Pentachlorophenol	6.7	0.8	NR	0.33 U	0.3 U	0.31 U	NR	0.32 U
Phenanthrene	500	100	NR	0.34 J	0.92	6.6	NR	1.1
Phenol	500	0.33	NR	0.41 U	0.37 U	0.38 U	NR	0.39 U
Pyrene	500	100	NR	0.48	1.8	NR	12	1.4

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_0-2_20230503	RI-SB-10_6-8_20230503	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502	RI-SB-11_8-10_20230502
		Laboratory Sample ID	460-279515-9	460-279515-10	460-279515-11	460-279369-1	460-279369-2	460-279369-3
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.31 U	0.31 U	0.29 U	0.3 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.074 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.074 U	0.077 U
2-Chloronaphthalene	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2-Chlorophenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2-Methylnaphthalene	NS	NS	0.022 J	0.076 J	0.02 J	0.02 J	0.028 J	0.063 J
2-Methylphenol (O-Cresol)	500	0.33	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2-Nitroaniline	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
2-Nitrophenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
3- And 4- Methylphenol (Total)	500	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.31 U	0.31 U	0.29 U	0.3 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Chloroaniline	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Methylphenol (P-Cresol)	500	0.33	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Nitroaniline	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
4-Nitrophenol	NS	NS	0.73 U	0.77 U	0.79 U	0.74 U	0.74 U	0.77 U
Acenaphthene	500	20	0.052 J	0.21 J	0.02 J	0.025 J	0.047 J	0.15 J
Acenaphthylene	500	100	0.053 J	0.38	0.064 J	0.026 J	0.1 J	0.088 J
Acetophenone	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Anthracene	500	100	0.16 J	0.71	0.071 J	0.061 J	0.18 J	0.61
Atrazine	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 U	0.38 U	0.39 U	0.06 J	0.37 U	0.38 U
Benzo(a)Anthracene	**5.6**	**1**	0.65	**2.2**	0.28	0.29	0.67	**1.9**
Benzo(a)Pyrene	**1**	**1**	0.85	**2.3**	0.32	0.3	0.6	**2.4**
Benzo(b)Fluoranthene	**5.6**	**1**	1	**2.7**	0.34	0.43	0.8	**3**
Benzo(g,h,i)Perylene	500	100	0.64	1	0.17 J	0.24 J	0.4	2.4
Benzo(k)Fluoranthene	56	**0.8**	0.35	**1**	0.1	0.13	0.3	**1**
Benzyl Butyl Phthalate	NS	NS	0.065 J	0.04 J	0.39 U	0.12 J	0.19 J	0.38 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.022 J	0.39 U	0.36 U	0.37 U	0.024 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.31 J	0.27 J	0.033 J	0.66	0.56	0.17 J
Caprolactam	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Carbazole	NS	NS	0.063 J	0.23 J	0.025 J	0.023 J	0.067 J	0.43
Chrysene	56	**1**	0.68	**2.2**	0.32 J	0.32 J	0.66	**2**
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.12	0.28	0.043	0.058	0.11	**0.51**
Dibenzofuran	350	7	0.021 J	0.12 J	0.39 U	0.015 J	0.054 J	0.15 J
Diethyl Phthalate	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Dimethyl Phthalate	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.021 J	0.38 U	0.015 J	0.022 J	0.027 J	0.38 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Fluoranthene	500	100	1.2	4.5	0.46	0.47	1.2	2.9
Fluorene	500	30	0.044 J	0.24 J	0.019 J	0.021 J	0.13 J	0.21 J
Hexachlorobenzene	6	0.33	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
Hexachlorobutadiene	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.074 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Hexachloroethane	NS	NS	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	**0.64**	**1.2**	0.18	0.25	0.48	**2.6**
Isophorone	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
Naphthalene	500	12	0.032 J	0.18 J	0.037 J	0.022 J	0.036 J	0.13 J
Nitrobenzene	NS	NS	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.038 U	0.039 U	0.036 U	0.037 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Pentachlorophenol	6.7	0.8	0.29 U	0.31 U	0.31 U	0.29 U	0.3 U	0.31 U
Phenanthrene	500	100	0.62	2.8	0.28 J	0.28 J	0.53	2.3
Phenol	500	0.33	0.36 U	0.38 U	0.39 U	0.36 U	0.37 U	0.38 U
Pyrene	500	100	1.2	4	0.52	0.63	1.2	2.9

Table 4
Soil Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504	RI-SB-14_5-7_20230504	RI-SB-14_8-10_20230504
		Laboratory Sample ID	460-279515-4	460-279515-5	460-279573-5	460-279573-6	460-279573-7
		Date Sampled	5/03/2023	5/03/2023	5/04/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2,4,5-Trichlorophenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2,4,6-Trichlorophenol	NS	NS	0.17 U	0.52 U	0.16 U	0.15 U	0.18 U
2,4-Dichlorophenol	NS	NS	0.17 U	0.52 U	0.16 U	0.15 U	0.18 U
2,4-Dimethylphenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2,4-Dinitrophenol	NS	NS	0.35 U	1 U	0.31 U	0.29 U	0.35 U
2,4-Dinitrotoluene	NS	NS	0.087 U	0.26 U	0.079 U	0.074 U	0.089 U
2,6-Dinitrotoluene	NS	NS	0.087 U	0.26 U	0.079 U	0.074 U	0.089 U
2-Chloronaphthalene	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2-Chlorophenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2-Methylnaphthalene	NS	NS	0.022 J	0.12 J	0.034 J	0.37 U	0.19 J
2-Methylphenol (O-Cresol)	500	0.33	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
2-Nitroaniline	NS	NS	0.43 U	1.3 U	0.39 UT	0.37 UT	0.44 UT
2-Nitrophenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
3- And 4- Methylphenol (Total)	500	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.2 J
3,3'-Dichlorobenzidine	NS	NS	0.17 U	0.52 U	0.16 U	0.15 U	0.18 U
3-Nitroaniline	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.35 U	1 U	0.31 U	0.29 U	0.35 U
4-Bromophenyl Phenyl Ether	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4-Chloro-3-Methylphenol	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4-Chloroaniline	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4-Methylphenol (P-Cresol)	500	0.33	0.43 U	1.3 U	0.39 U	0.37 U	0.2 J
4-Nitroaniline	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
4-Nitrophenol	NS	NS	0.87 U	2.6 U	0.79 U	0.74 U	0.89 U
Acenaphthene	500	20	0.43 U	0.048 J	0.023 J	0.034 J	0.55
Acenaphthylene	500	100	0.047 J	0.5 J	0.04 J	0.051 J	0.12 J
Acetophenone	NS	NS	0.43 U	0.065 J	0.39 U	0.37 U	0.057 J
Anthracene	500	100	0.031 J	0.31 J	0.099 J	0.1 J	1.4
Atrazine	NS	NS	0.17 U	0.52 U	0.16 U	0.15 U	0.18 U
Benzaldehyde	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.18 J
Benzo(a)Anthracene	**5.6**	**1**	0.085	0.63	0.3	0.3	**2.5**
Benzo(a)Pyrene	**1**	**1**	0.096	0.79	0.4	0.3	**2.1**
Benzo(b)Fluoranthene	**5.6**	**1**	0.13	0.95	0.57	0.41	**2.5**
Benzo(g,h,i)Perylene	500	100	0.076 J	0.75 J	0.33 J	0.21 J	1.1
Benzo(k)Fluoranthene	56	**0.8**	0.037 J	0.33	0.16	0.14	**1**
Benzyl Butyl Phthalate	NS	NS	0.43 U	1.3 U	0.075 J	0.021 J	0.44 U
Biphenyl (Diphenyl)	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.085 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.03 J	0.5 J	0.83	0.33 J	0.095 J
Caprolactam	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Carbazole	NS	NS	0.43 U	1.3 U	0.056 J	0.04 J	0.46
Chrysene	56	**1**	0.12 J	**1.1 J**	0.35 J	0.3 J	**2.3**
Dibenz(a,h)Anthracene	**0.56**	**0.33**	0.023 J	0.16	0.078	0.049	0.32
Dibenzofuran	350	7	0.43 U	1.3 U	0.015 J	0.028 J	0.47
Diethyl Phthalate	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Dimethyl Phthalate	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Di-N-Butyl Phthalate	NS	NS	0.43 U	0.095 J	0.016 J	0.017 J	0.036 J
Di-N-Octylphthalate	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Fluoranthene	500	100	0.13 J	0.93 J	0.51	0.52	4.3
Fluorene	500	30	0.013 J	0.096 J	0.031 J	0.041 J	0.54
Hexachlorobenzene	6	0.33	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
Hexachlorobutadiene	NS	NS	0.087 U	0.26 U	0.079 U	0.074 U	0.089 U
Hexachlorocyclopentadiene	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Hexachloroethane	NS	NS	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
Indeno(1,2,3-c,d)Pyrene	**5.6**	**0.5**	0.071	**0.68**	0.36	0.24	**1.4**
Isophorone	NS	NS	0.17 U	0.52 U	0.16 U	0.15 U	0.18 U
Naphthalene	500	12	0.028 J	0.16 J	0.032 J	0.037 J	0.73
Nitrobenzene	NS	NS	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
N-Nitrosodi-N-Propylamine	NS	NS	0.043 U	0.13 U	0.039 U	0.037 U	0.044 U
N-Nitrosodiphenylamine	NS	NS	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Pentachlorophenol	6.7	0.8	0.35 U	1 U	0.31 U	0.29 U	0.35 U
Phenanthrene	500	100	0.076 J	0.5 J	0.28 J	0.41	5.1
Phenol	500	0.33	0.43 U	1.3 U	0.39 U	0.37 U	0.44 U
Pyrene	500	100	0.17 J	1.2 J	0.64	0.62	4.7

Table 5
Sediment Analytical Results for SemiVolatile organic Compounds
Remedial investigtaion
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-CB-03_20230504	RI-CB-04_20230504	RI-CB-05_20230504
		Laboratory Sample ID	460-279573-9	460-279573-10	460-279573-11
		Date Sampled	5/04/2023	5/04/2023	5/04/2023
		Dilution Factor	5	5	1
		Unit	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	2.1 U	2.9 U	0.46 U
1,4-Dioxane (P-Dioxane)	130	0.1	0.21 U	0.29 U	0.046 U
2,3,4,6-Tetrachlorophenol	NS	NS	2.1 U	2.9 U	0.46 U
2,4,5-Trichlorophenol	NS	NS	2.1 U	2.9 U	0.46 U
2,4,6-Trichlorophenol	NS	NS	0.87 U	1.2 U	0.19 U
2,4-Dichlorophenol	NS	NS	0.87 U	1.2 U	0.19 U
2,4-Dimethylphenol	NS	NS	2.1 U	2.9 U	0.46 U
2,4-Dinitrophenol	NS	NS	1.7 U	2.3 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.44 U	0.59 U	0.094 U
2,6-Dinitrotoluene	NS	NS	0.44 U	0.59 U	0.094 U
2-Chloronaphthalene	NS	NS	2.1 U	2.9 U	0.46 U
2-Chlorophenol	NS	NS	2.1 U	2.9 U	0.46 U
2-Methylnaphthalene	NS	NS	8.1	2.2 J	0.46 U
2-Methylphenol (O-Cresol)	500	0.33	2.1 U	2.9 U	0.46 U
2-Nitroaniline	NS	NS	2.1 UT	2.9 UT	0.46 UT
2-Nitrophenol	NS	NS	2.1 U	2.9 U	0.46 U
3- And 4- Methylphenol (Total)	500	NS	2.1 U	2.9 U	0.46 U
3,3'-Dichlorobenzidine	NS	NS	0.87 U	1.2 U	0.19 U
3-Nitroaniline	NS	NS	2.1 U	2.9 U	0.46 U
4,6-Dinitro-2-Methylphenol	NS	NS	1.7 U	2.3 U	0.37 U
4-Bromophenyl Phenyl Ether	NS	NS	2.1 U	2.9 U	0.46 U
4-Chloro-3-Methylphenol	NS	NS	2.1 U	2.9 U	0.46 U
4-Chloroaniline	NS	NS	2.1 U	2.9 U	0.46 U
4-Chlorophenyl Phenyl Ether	NS	NS	2.1 U	2.9 U	0.46 U
4-Methylphenol (P-Cresol)	500	0.33	2.1 U	2.9 U	0.46 U
4-Nitroaniline	NS	NS	2.1 U	2.9 U	0.46 U
4-Nitrophenol	NS	NS	4.4 U	5.9 U	0.94 U
Acenaphthene	500	20	2.1 U	2.9 U	0.46 U
Acenaphthylene	500	100	2.1 U	2.9 U	0.46 U
Acetophenone	NS	NS	2.1 U	2.9 U	0.028 J
Anthracene	500	100	2.1 U	2.9 U	0.46 U
Atrazine	NS	NS	0.87 U	1.2 U	0.19 U
Benzaldehyde	NS	NS	2.1 U	2.9 U	0.46 U
Benzo(a)Anthracene	5.6	1	0.21 U	0.29 U	0.037 J
Benzo(a)Pyrene	1	1	0.21 U	0.14 J	0.035 J
Benzo(b)Fluoranthene	5.6	1	0.14 J	0.21 J	0.064
Benzo(g,h,i)Perylene	500	100	0.086 J	0.12 J	0.032 J
Benzo(k)Fluoranthene	56	0.8	0.21 U	0.083 J	0.019 J
Benzyl Butyl Phthalate	NS	NS	2.1 U	2.9 U	0.083 J
Biphenyl (Diphenyl)	NS	NS	2.1 U	2.9 U	0.46 U
Bis(2-Chloroethoxy) Methane	NS	NS	2.1 U	2.9 U	0.46 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.21 U	0.29 U	0.046 U
Bis(2-Chloroisopropyl) Ether	NS	NS	2.1 U	2.9 U	0.46 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	16	18	0.39 J
Caprolactam	NS	NS	2.1 U	2.9 U	0.46 U
Carbazole	NS	NS	2.1 U	2.9 U	0.46 U
Chrysene	56	1	2.1 U	0.18 J	0.036 J
Dibenz(a,h)Anthracene	0.56	0.33	0.21 U	0.29 U	0.046 U
Dibenzofuran	350	7	2.1 U	2.9 U	0.46 U
Diethyl Phthalate	NS	NS	2.1 U	2.9 U	0.46 U
Dimethyl Phthalate	NS	NS	2.1 U	2.9 U	0.46 U
Di-N-Butyl Phthalate	NS	NS	2.1 U	2.9 U	0.024 J
Di-N-Octylphthalate	NS	NS	2.1 U	2.9 U	0.46 U
Fluoranthene	500	100	0.15 J	0.14 J	0.057 J
Fluorene	500	30	0.08 J	2.9 U	0.46 U
Hexachlorobenzene	6	0.33	0.21 U	0.29 U	0.046 U
Hexachlorobutadiene	NS	NS	0.44 U	0.59 U	0.094 U
Hexachlorocyclopentadiene	NS	NS	2.1 U	2.9 U	0.46 U
Hexachloroethane	NS	NS	0.21 U	0.29 U	0.046 U
Indeno(1,2,3-c,d)Pyrene	5.6	0.5	0.21 U	0.29 U	0.04 J
Isophorone	NS	NS	0.87 U	1.2 U	0.19 U
Naphthalene	500	12	9.1	2.6 J	0.46 U
Nitrobenzene	NS	NS	0.21 U	0.29 U	0.046 U
N-Nitrosodi-N-Propylamine	NS	NS	0.21 U	0.29 U	0.046 U
N-Nitrosodiphenylamine	NS	NS	2.1 U	2.9 U	0.46 U
Pentachlorophenol	6.7	0.8	1.7 U	2.3 U	0.37 U
Phenanthrene	500	100	0.12 J	2.9 U	0.041 J
Phenol	500	0.33	2.1 U	2.9 U	0.46 U
Pyrene	500	100	0.31 J	0.67 J	0.079 J

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501	RI-SB-01_2-4_20230501	RI-SB-01_9-11_20230501	RI-SB-01_9-11_20230501	RI-SB-02_0-2_20230504
		Laboratory Sample ID	460-279329-1	460-279329-2	460-279329-3	460-279329-3	460-279573-1
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/04/2023
		Dilution Factor	1	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,780	7,580	7,460	NR	8,790
Antimony	NS	NS	1.9	0.47 J	0.72 J	NR	1.7
Arsenic	**16**	**13**	3.4	5	4.5	NR	4.9
Barium	**400**	**350**	43.8	114	185	NR	113
Beryllium	590	7.2	0.15 J	0.44	0.3 J	NR	0.45
Cadmium	**9.3**	**2.5**	0.94	0.77 J	**19.2**	NR	2.2
Calcium	NS	NS	42,600	8,130	39,500	NR	8,430
Chromium, Hexavalent	400	**1**	2 U	2.1 U	2.2 U	NR	2.2 U
Chromium, Total	NS	NS	10.6	18.2	10.1	NR	23.3
Cobalt	NS	NS	4.5	6.9	3.6	NR	7.7
Copper	**270**	**50**	**50.7**	32.5	47	NR	**51.5**
Cyanide	27	27	0.24 U	0.16 J	0.25 J	NR	0.25 U
Iron	NS	NS	15,800	15,300	11,600	NR	23,500
Lead	**1,000**	**63**	**228**	**316**	**291**	NR	**361**
Magnesium	NS	NS	19,600	3,870	2,960	NR	4,030
Manganese	10,000	**1,600**	159	282	162	NR	316
Mercury	**2.8**	**0.18**	0.16	0.14	0.18	NR	0.17
Nickel	**310**	**30**	13.6	**37.5**	11.7	NR	**57.4**
Potassium	NS	NS	562	735	622	NR	964
Selenium	1,500	3.9	0.13 J	0.34 J	0.65 J	NR	0.32 J
Silver	1,500	**2**	0.48	0.11 J	0.17 J	NR	0.18 J
Sodium	NS	NS	258	229	801	NR	199
Thallium	NS	NS	0.034 J	0.099 J	0.048 J	NR	0.11 J
Vanadium	NS	NS	57.8	23.5	12.7	NR	23.7
Zinc	10,000	**109**	**128**	**157**	NR	**4,050**	**340**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_13_20230504	RI-SB-02_13_20230504	RI-SB-02_5-7_20230504	RI-SB-X2_20230504	RI-SB-02_8-10_20230504
		Laboratory Sample ID	460-279573-12	460-279573-12	460-279573-2	460-279573-4	460-279573-3
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/04/2023	5/04/2023
		Dilution Factor	1	3	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	3,200	NR	10,400	11,300	6,720
Antimony	NS	NS	1.2	NR	0.77 J	0.64 J	1.9
Arsenic	**16**	**13**	**21.8**	NR	5.3	5.9	9.3
Barium	**400**	**350**	**364**	NR	307	299	**843**
Beryllium	590	7.2	0.19 J	NR	0.49	0.54	0.34 J
Cadmium	**9.3**	**2.5**	**3**	NR	1.7	0.49 J	2.5
Calcium	NS	NS	2,580	NR	17,000	3,980	13,400
Chromium, Hexavalent	400	**1**	2.7 U	NR	2.2 U	1 J	2.4 U
Chromium, Total	NS	NS	18.7	NR	24.7	20	22
Cobalt	NS	NS	3.5	NR	6.3	7.6	6
Copper	**270**	**50**	**166**	NR	47.5	30.3	**125**
Cyanide	27	27	0.47	NR	0.58	0.25 J	0.28 J
Iron	NS	NS	18,400	NR	19,500	18,200	25,000
Lead	**1,000**	**63**	**1,320**	NR	**508**	**161**	**1,250**
Magnesium	NS	NS	1,830	NR	4,460	2,650	2,290
Manganese	10,000	**1,600**	108	NR	386	278	233
Mercury	**2.8**	**0.18**	NR	**1.7**	0.074	**0.35**	**0.35**
Nickel	**310**	**30**	16.9	NR	**36.7**	**31.2**	**35.7**
Potassium	NS	NS	701	NR	976	799	624
Selenium	1,500	3.9	1 J	NR	0.4 J	0.5 J	0.92 J
Silver	1,500	**2**	1.3	NR	0.12 J	0.13 J	0.55
Sodium	NS	NS	2,200	NR	247	135	154
Thallium	NS	NS	0.09 J	NR	0.091 J	0.12 J	0.14 J
Vanadium	NS	NS	11.7	NR	25.2	24.9	19.7
Zinc	10,000	**109**	**1,450**	NR	**432**	**223**	**935**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_0-2_20230503	RI-SB-03_2-4_20230503	RI-SB-03_8-10_20230503	RI-SB-03_8-10_20230503	RI-SB-03_8-10_20230503
		Laboratory Sample ID	460-279515-1	460-279515-2	460-279515-3	460-279515-3	460-279515-3
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/03/2023	5/03/2023
		Dilution Factor	1	1	1	10	20
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,030	11,400	4,730	NR	NR
Antimony	NS	NS	0.32 J	0.9 J	5.9	NR	NR
Arsenic	**16**	**13**	6.1	3.5	**28.4**	NR	NR
Barium	**400**	**350**	55.4	195	**1,420**	NR	NR
Beryllium	590	7.2	0.34 J	1.6	0.29 J	NR	NR
Cadmium	**9.3**	**2.5**	0.39 J	1.5	**17.3**	NR	NR
Calcium	NS	NS	6,420	71,300	13,700	NR	NR
Chromium, Hexavalent	400	**1**	2.2 U	2.1 U	2.2 U	NR	NR
Chromium, Total	NS	NS	39.3	17.7	56.5	NR	NR
Cobalt	NS	NS	6.3	3.1	10.5	NR	NR
Copper	**270**	**50**	41.6	41.4	**513**	NR	NR
Cyanide	27	27	0.25 J	0.41	0.28 U	NR	NR
Iron	NS	NS	12,700	15,500	NR	107,000	NR
Lead	**1,000**	**63**	**118**	**340**	**1,840**	NR	NR
Magnesium	NS	NS	3,690	26,900	2,610	NR	NR
Manganese	10,000	**1,600**	200	1,420	564	NR	NR
Mercury	**2.8**	**0.18**	0.17	0.18	NR	NR	**1.6**
Nickel	**310**	**30**	**30.6**	20.3	**96.8**	NR	NR
Potassium	NS	NS	791	1,150	571	NR	NR
Selenium	1,500	3.9	0.41 J	0.82 J	2	NR	NR
Silver	1,500	**2**	0.13 J	1.7	1	NR	NR
Sodium	NS	NS	156	660	289	NR	NR
Thallium	NS	NS	0.094 J	0.039 J	0.12 J	NR	NR
Vanadium	NS	NS	26.2	18.7	24.6	NR	NR
Zinc	10,000	**109**	**112**	**229**	NR	**2,890**	NR

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

			AKRF Sample ID	RI-SB-04_0-2_20230502	RI-SB-04_0-2_20230502	RI-SB-04_2-4_20230502	RI-SB-X1_20230502	RI-SB-X1_20230502
			Laboratory Sample ID	460-279369-7	460-279369-7	460-279369-8	460-279369-10	460-279369-10
			Date Sampled	5/02/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
			Dilution Factor	1	20	1	1	3
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS		6,730	NR	7,550	6,030	NR
Antimony	NS	NS		0.99 J	NR	1.3	1.8	NR
Arsenic	**16**	**13**		5.5	NR	5.8	6	NR
Barium	**400**	**350**		224	NR	278	333	NR
Beryllium	590	7.2		0.4 J	NR	0.47	0.31 J	NR
Cadmium	**9.3**	**2.5**		1.2	NR	1.8	**4**	NR
Calcium	NS	NS		35,900	NR	18,000	21,600	NR
Chromium, Hexavalent	400	**1**		2.2 U	NR	2.2 U	2.1 U	NR
Chromium, Total	NS	NS		21.8	NR	18.8	26.9	NR
Cobalt	NS	NS		5.9	NR	6	7.7	NR
Copper	**270**	**50**		**67.9**	NR	**71.9**	**114**	NR
Cyanide	27	27		0.53	NR	0.26	0.22 J	NR
Iron	NS	NS		29,900	NR	14,200	28,400	NR
Lead	**1,000**	**63**		NR	**7,960**	**835**	**711**	NR
Magnesium	NS	NS		6,100	NR	4,540	3,640	NR
Manganese	10,000	**1,600**		382	NR	349	275	NR
Mercury	**2.8**	**0.18**		**0.19**	NR	**0.82**	NR	**1.6**
Nickel	**310**	**30**		29.3	NR	**39.8**	**45.8**	NR
Potassium	NS	NS		1,020	NR	844	542	NR
Selenium	1,500	3.9		0.3 J	NR	0.45 J	0.42 J	NR
Silver	1,500	**2**		0.38 J	NR	1.1	0.25 J	NR
Sodium	NS	NS		155	NR	185	136	NR
Thallium	NS	NS		0.088 J	NR	0.1 J	0.077 J	NR
Vanadium	NS	NS		17.9	NR	22.1	28.8	NR
Zinc	10,000	**109**		**331**	NR	**344**	NR	NR

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-X1_20230502	RI-SB-04_8-10_20230502	RI-SB-04_8-10_20230502	RI-SB-05_0-2_20230503	RI-SB-05_5-7_20230503
		Laboratory Sample ID	460-279369-10	460-279369-9	460-279369-9	460-279515-6	460-279515-7
		Date Sampled	5/02/2023	5/02/2023	5/02/2023	5/03/2023	5/03/2023
		Dilution Factor	5	1	2	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	7,790	NR	7,780	5,210
Antimony	NS	NS	NR	0.71 J	NR	0.29 J	0.62 J
Arsenic	**16**	**13**	NR	5.8	NR	5.1	5.5
Barium	**400**	**350**	NR	**605**	NR	130	NR
Beryllium	590	7.2	NR	0.38	NR	0.5	0.24 J
Cadmium	**9.3**	**2.5**	NR	0.51 J	NR	0.57 J	2
Calcium	NS	NS	NR	50,200	NR	43,200	35,800
Chromium, Hexavalent	400	**1**	NR	2.2 U	NR	2.2 U	2.2 U
Chromium, Total	NS	NS	NR	21.2	NR	18.6	22.3
Cobalt	NS	NS	NR	6.9	NR	4.6	5.4
Copper	**270**	**50**	NR	38.8	NR	41	37.9
Cyanide	27	27	NR	0.17 J	NR	0.14 J	2.3
Iron	NS	NS	NR	NR	45,600	12,900	20,000
Lead	**1,000**	**63**	NR	**850**	NR	**214**	**774**
Magnesium	NS	NS	NR	4,870	NR	7,450	3,140
Manganese	10,000	**1,600**	NR	347	NR	282	211
Mercury	**2.8**	**0.18**	NR	0.086	NR	**0.23**	**0.23**
Nickel	**310**	**30**	NR	**36.9**	NR	**30.7**	17.8
Potassium	NS	NS	NR	698	NR	1,070	1,120
Selenium	1,500	3.9	NR	0.22 J	NR	0.34 J	0.23 J
Silver	1,500	**2**	NR	0.2 J	NR	0.16 J	0.13 J
Sodium	NS	NS	NR	376	NR	289	368
Thallium	NS	NS	NR	0.049 J	NR	0.07 J	0.057 J
Vanadium	NS	NS	NR	16.5	NR	21.6	16.1
Zinc	10,000	**109**	**7,140**	**303**	NR	**167**	**1,010**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-05_5-7_20230503	RI-SB-05_8-10_20230503	RI-SB-06_0-2_20230501	RI-SB-06_5-7_20230501	RI-SB-06_7-9_20230501
		Laboratory Sample ID	460-279515-7	460-279515-8	460-279329-4	460-279329-5	460-279329-6
		Date Sampled	5/03/2023	5/03/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	2	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	4,620	7,880	10,600	7,320
Antimony	NS	NS	NR	1.2	0.6 J	0.85 J	1.4
Arsenic	**16**	**13**	NR	8.3	**16.6**	3.7	5.8
Barium	**400**	**350**	**2,690**	**396**	**356**	126	176
Beryllium	590	7.2	NR	0.23 J	0.49	0.93	0.46
Cadmium	**9.3**	**2.5**	NR	1.4	1.2	1.5	2.1
Calcium	NS	NS	NR	58,700	7,770	72,100	17,000
Chromium, Hexavalent	400	**1**	NR	2.3 U	2.2 U	2.1 U	2 U
Chromium, Total	NS	NS	NR	25.1	21.7	24.7	21.2
Cobalt	NS	NS	NR	5.5	8.3	3.5	6.1
Copper	**270**	**50**	NR	**79.2**	43.9	**68.2**	**457**
Cyanide	27	27	NR	2	0.25 U	0.26 J	1.2
Iron	NS	NS	NR	36,200	16,800	12,500	17,200
Lead	**1,000**	**63**	NR	**729**	**685**	**486**	**537**
Magnesium	NS	NS	NR	14,600	3,350	25,900	5,790
Manganese	10,000	**1,600**	NR	291	261	679	264
Mercury	**2.8**	**0.18**	NR	**0.67**	**0.59**	**0.19**	0.16
Nickel	**310**	**30**	NR	**50.3**	**56.9**	22.3	**251**
Potassium	NS	NS	NR	684	858	1,650	1,330
Selenium	1,500	3.9	NR	0.44 J	1.8	0.42 J	0.42 J
Silver	1,500	**2**	NR	0.18 J	0.18 J	1.4	0.14 J
Sodium	NS	NS	NR	288	153	498	436
Thallium	NS	NS	NR	0.083 J	0.47	0.05 J	0.12 J
Vanadium	NS	NS	NR	22.6	23.6	22.2	24.1
Zinc	10,000	**109**	NR	**384**	**362**	**300**	**275**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501	RI-SB-08_0-2_20230501	RI-SB-08_0-2_20230501
		Laboratory Sample ID	460-279329-7	460-279329-8	460-279329-9	460-279329-10	460-279329-10
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	1	1	1	1	5
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,170	9,440	7,040	16,600	NR
Antimony	NS	NS	1.3	0.41 J	0.27 J	0.47 J	NR
Arsenic	**16**	**13**	5	10.3	6.1	3.6	NR
Barium	**400**	**350**	127	89.2	83.6	192	NR
Beryllium	590	7.2	0.46	0.45	0.33 J	3.1	NR
Cadmium	**9.3**	**2.5**	1.7	0.28 J	0.89 J	0.82 J	NR
Calcium	NS	NS	83,600	7,920	7,720	NR	106,000
Chromium, Hexavalent	400	**1**	2.3 U	2.3 U	2.3 U	2.1 U	NR
Chromium, Total	NS	NS	18.9	29	18.3	21.1	NR
Cobalt	NS	NS	5.7	8.9	5.1	3.3	NR
Copper	**270**	**50**	41.5	33.2	40.1	25.4	NR
Cyanide	27	27	0.22 J	0.97	0.5	0.25	NR
Iron	NS	NS	25,300	39,600	26,000	39,000	NR
Lead	**1,000**	**63**	**315**	**165**	**316**	**162**	NR
Magnesium	NS	NS	30,700	2,950	3,610	24,700	NR
Manganese	10,000	**1,600**	313	273	340	NR	**2,310**
Mercury	**2.8**	**0.18**	0.15	**0.38**	**0.23**	0.061	NR
Nickel	**310**	**30**	28	**37.1**	23.3	11.8	NR
Potassium	NS	NS	685	750	833	1,810	NR
Selenium	1,500	3.9	0.34 J	0.38 J	0.31 J	1 J	NR
Silver	1,500	**2**	0.26 J	0.095 J	0.12 J	0.27 J	NR
Sodium	NS	NS	240	256	413	1,020	NR
Thallium	NS	NS	0.064 J	0.085 J	0.077 J	0.035 J	NR
Vanadium	NS	NS	17.1	25.9	16.5	28.7	NR
Zinc	10,000	**109**	**226**	**137**	**535**	**141**	NR

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_2-4_20230501	RI-SB-08_8-10_20230501	RI-SB-08_8-10_20230501	RI-SB-09_0-2_20230502	RI-SB-09_6-8_20230502
		Laboratory Sample ID	460-279329-11	460-279329-12	460-279329-12	460-279369-4	460-279369-5
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	5	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,330	4,640	NR	10,100	3,340
Antimony	NS	NS	2.2	0.91 J	NR	0.3 J	0.38 J
Arsenic	**16**	**13**	3.6	6.1	NR	5.4	**26.6**
Barium	**400**	**350**	245	314	NR	78.2	**424**
Beryllium	590	7.2	0.36	0.28 J	NR	0.48	0.23 J
Cadmium	**9.3**	**2.5**	0.86 J	**2.8**	NR	0.45 J	1.2
Calcium	NS	NS	57,800	68,400	NR	9,720	85,400
Chromium, Hexavalent	400	**1**	2.1 U	2.6 U	NR	2.2 U	**2.1 J**
Chromium, Total	NS	NS	16.4	15	NR	19.1	12.9
Cobalt	NS	NS	4.4	4.9	NR	5.7	4
Copper	**270**	**50**	28.3	**166**	NR	32.9	37.2
Cyanide	27	27	0.18 J	0.27	NR	0.27 U	3.1
Iron	NS	NS	12,200	17,800	NR	14,600	7,430
Lead	**1,000**	**63**	**1,680**	NR	**2,980**	**122**	NR
Magnesium	NS	NS	4,250	2,700	NR	3,440	3,280
Manganese	10,000	**1,600**	205	306	NR	206	150
Mercury	**2.8**	**0.18**	0.078	0.16	NR	**0.19**	**0.39**
Nickel	**310**	**30**	28.9	27.2	NR	22.7	21.4
Potassium	NS	NS	924	421	NR	1,080	573
Selenium	1,500	3.9	0.3 J	0.33 J	NR	0.39 J	0.34 J
Silver	1,500	**2**	0.12 J	0.14 J	NR	0.12 J	0.11 J
Sodium	NS	NS	242	117	NR	97.8 J	191
Thallium	NS	NS	0.065 J	0.042 J	NR	0.1 J	0.077 J
Vanadium	NS	NS	16.6	10.4	NR	21.7	9.8
Zinc	10,000	**109**	**607**	**1,690**	NR	**120**	**715**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-09_6-8_20230502	RI-SB-09_8-10_20230502	RI-SB-09_8-10_20230502	RI-SB-10_0-2_20230503	RI-SB-10_6-8_20230503
		Laboratory Sample ID	460-279369-5	460-279369-6	460-279369-6	460-279515-9	460-279515-10
		Date Sampled	5/02/2023	5/02/2023	5/02/2023	5/03/2023	5/03/2023
		Dilution Factor	5	1	5	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	3,650	NR	6,610	5,740
Antimony	NS	NS	NR	0.44 J	NR	1.1	1.1
Arsenic	**16**	**13**	NR	**32.2**	NR	5.4	9.7
Barium	**400**	**350**	NR	**1,170**	NR	181	**1,290**
Beryllium	590	7.2	NR	0.23 J	NR	0.42	0.25 J
Cadmium	**9.3**	**2.5**	NR	0.94 J	NR	1.6	2
Calcium	NS	NS	NR	78,400	NR	34,500	20,800
Chromium, Hexavalent	400	**1**	NR	**1.1 J**	NR	2.1 U	2.3 U
Chromium, Total	NS	NS	NR	13.2	NR	24.9	21.4
Cobalt	NS	NS	NR	3.5	NR	4.8	7.2
Copper	**270**	**50**	NR	14.8	NR	**112**	**74.1**
Cyanide	27	27	NR	2.3	NR	0.3	0.3
Iron	NS	NS	NR	8,160	NR	21,800	34,500
Lead	**1,000**	**63**	**2,260**	NR	**6,390**	**571**	**884**
Magnesium	NS	NS	NR	3,810	NR	11,600	4,180
Manganese	10,000	**1,600**	NR	165	NR	339	330
Mercury	**2.8**	**0.18**	NR	**0.25**	NR	**0.55**	**0.52**
Nickel	**310**	**30**	NR	13.1	NR	**30.7**	29.5
Potassium	NS	NS	NR	907	NR	1,130	1,250
Selenium	1,500	3.9	NR	0.22 J	NR	0.5 J	0.75 J
Silver	1,500	**2**	NR	0.29 J	NR	0.83	0.26 J
Sodium	NS	NS	NR	196	NR	277	400
Thallium	NS	NS	NR	0.05 J	NR	0.067 J	0.081 J
Vanadium	NS	NS	NR	11.5	NR	21.3	27.6
Zinc	10,000	**109**	NR	**737**	NR	**406**	**1,340**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502	RI-SB-11_8-10_20230502	RI-SB-11_8-10_20230502
		Laboratory Sample ID	460-279515-11	460-279369-1	460-279369-2	460-279369-3	460-279369-3
		Date Sampled	5/03/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	5
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,630	7,600	7,090	3,690	NR
Antimony	NS	NS	0.5 J	0.33 J	0.68 J	5.8	NR
Arsenic	**16**	**13**	7.9	5.1	6	**37.6**	NR
Barium	**400**	**350**	**403**	156	**374**	**1,960**	NR
Beryllium	590	7.2	0.87	0.48	0.39	0.2 J	NR
Cadmium	**9.3**	**2.5**	0.48 J	0.43 J	2.3	**6.2**	NR
Calcium	NS	NS	40,300	30,400	18,800	15,600	NR
Chromium, Hexavalent	400	**1**	2.3 U	2.2 U	2.2 U	2.3 U	NR
Chromium, Total	NS	NS	24.8	30.9	20	58.7	NR
Cobalt	NS	NS	8.1	6.2	5.5	21.2	NR
Copper	**270**	**50**	**61.7**	42.3	**52.3**	**174**	NR
Cyanide	27	27	1.2	0.38	0.17 J	0.27	NR
Iron	NS	NS	33,300	15,100	17,400	61.2 U	NR
Lead	**1,000**	**63**	**252**	**203**	**692**	NR	**4,020**
Magnesium	NS	NS	6,730	6,200	3,720	1,900	NR
Manganese	10,000	**1,600**	342	280	352	717	NR
Mercury	**2.8**	**0.18**	**0.28**	0.14	**0.44**	0.16	NR
Nickel	**310**	**30**	**43.2**	**48.8**	29	**74**	NR
Potassium	NS	NS	1,170	1,280	856	527	NR
Selenium	1,500	3.9	0.37 J	0.35 J	0.38 J	0.9 J	NR
Silver	1,500	**2**	0.4 U	**3.3**	0.72	0.67	NR
Sodium	NS	NS	1,430	296	159	315	NR
Thallium	NS	NS	0.09 J	0.071 J	0.082 J	0.048 J	NR
Vanadium	NS	NS	26.6	21.1	20.2	19.7	NR
Zinc	10,000	**109**	**260**	**146**	**368**	NR	**5,000**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

			AKRF Sample ID	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504	RI-SB-14_5-7_20230504
			Laboratory Sample ID	460-279515-4	460-279515-5	460-279515-5	460-279573-5	460-279573-6
			Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/04/2023	5/04/2023
			Dilution Factor	1	1	40	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS		3,370	10,500	NR	9,780	4,630
Antimony	NS	NS		0.67 J	5.7	NR	1.7	0.31 J
Arsenic	**16**	**13**		11.9	**35**	NR	12.5	3.9
Barium	**400**	**350**		22.5	275	NR	169	89.4
Beryllium	590	7.2		0.22 J	1.4 J	NR	0.47	0.29 J
Cadmium	**9.3**	**2.5**		0.18 J	1.6 J	NR	**2.9**	1
Calcium	NS	NS		998	4,100	NR	13,100	14,000
Chromium, Hexavalent	400	**1**		2.6 U	7.6 U	NR	2.3 U	**1.3 J**
Chromium, Total	NS	NS		19.2	244	NR	31.4	20
Cobalt	NS	NS		7.3	24.4	NR	8.9	3.9
Copper	**270**	**50**		**116**	**2,240**	NR	**129**	34.5
Cyanide	27	27		0.32	0.94 U	NR	0.25 U	0.27 U
Iron	NS	NS		23,100	96,000	NR	41,500	10,800
Lead	**1,000**	**63**		**167**	**1,790**	NR	**481**	**173**
Magnesium	NS	NS		1,690	4,980	NR	4,060	2,090
Manganese	10,000	**1,600**		215	299	NR	290	320
Mercury	**2.8**	**0.18**		0.078	NR	**33.4**	**0.29**	0.16
Nickel	**310**	**30**		**73.1**	**415**	NR	**49.4**	18.1
Potassium	NS	NS		559	2,040	NR	881	660
Selenium	1,500	3.9		0.4 J	3.1 J	NR	0.49 J	0.21 J
Silver	1,500	**2**		0.1 J	**4.6**	NR	0.5	0.23 J
Sodium	NS	NS		1,080	15,000	NR	309	175
Thallium	NS	NS		0.05 J	1.5 U	NR	0.11 J	0.065 J
Vanadium	NS	NS		17.4	91.2	NR	34.4	14
Zinc	10,000	**109**		**137**	**1,540**	NR	**451**	**187**

Table 6
Soil Analytical Results for Metals
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-14_8-10_20230504	RI-SB-14_8-10_20230504
		Laboratory Sample ID	460-279573-7	460-279573-7
		Date Sampled	5/04/2023	5/04/2023
		Dilution Factor	1	3
		Unit	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q
Aluminum	NS	NS	5,970	NR
Antimony	NS	NS	2.1	NR
Arsenic	**16**	**13**	**14.9**	NR
Barium	**400**	**350**	**577**	NR
Beryllium	590	7.2	0.34 J	NR
Cadmium	**9.3**	**2.5**	0.86 J	NR
Calcium	NS	NS	4,510	NR
Chromium, Hexavalent	400	**1**	2.7 U	NR
Chromium, Total	NS	NS	29.7	NR
Cobalt	NS	NS	5	NR
Copper	**270**	**50**	**231**	NR
Cyanide	27	27	0.3	NR
Iron	NS	NS	21,500	NR
Lead	**1,000**	**63**	**1,790**	NR
Magnesium	NS	NS	1,620	NR
Manganese	10,000	**1,600**	183	NR
Mercury	**2.8**	**0.18**	NR	**2**
Nickel	**310**	**30**	15.9	NR
Potassium	NS	NS	815	NR
Selenium	1,500	3.9	3	NR
Silver	1,500	**2**	0.92	NR
Sodium	NS	NS	516	NR
Thallium	NS	NS	0.11 J	NR
Vanadium	NS	NS	20.5	NR
Zinc	10,000	**109**	**671**	NR

Table 7
Sediment Analytical Results for Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-CB-03_20230504	RI-CB-04_20230504	RI-CB-04_20230504	RI-CB-05_20230504
		Laboratory Sample ID	460-279573-9	460-279573-10	460-279573-10	460-279573-11
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	5	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,480	7,770	NR	6,830
Antimony	NS	NS	3.5	4.1	NR	1.4
Arsenic	**16**	**13**	6	**24.8**	NR	6.7
Barium	400	350	113	217	NR	154
Beryllium	590	7.2	0.46	0.65	NR	0.59
Cadmium	9.3	**2.5**	0.71 J	1.9	NR	**2.7**
Calcium	NS	NS	13,200	12,300	NR	18,700
Chromium, Total	NS	NS	121	131	NR	54.1
Cobalt	NS	NS	6.4	7.5	NR	5.6
Copper	270	**50**	**172**	**249**	NR	**102**
Iron	NS	NS	68.1 U	57,400	NR	34,800
Lead	1,000	**63**	**90.7**	NR	**145**	**148**
Magnesium	NS	NS	3,800	5,640	NR	4,710
Manganese	10,000	1,600	531	400	NR	319
Mercury	2.8	0.18	0.019 J	0.094	NR	0.055
Nickel	310	**30**	**46.4**	**101**	NR	**34.9**
Potassium	NS	NS	479	912	NR	708
Selenium	1,500	3.9	0.16 J	0.28 J	NR	0.22 J
Silver	1,500	**2**	**2.2**	**3.5**	NR	**2.2**
Sodium	NS	NS	167	241	NR	215
Thallium	NS	NS	0.051 J	NR	3.3 U	0.093 J
Vanadium	NS	NS	30.7	28.3	NR	19.5
Zinc	10,000	**109**	**974**	**1,340**	NR	**1,060**

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501	RI-SB-01_2-4_20230501	RI-SB-01_9-11_20230501	RI-SB-02_0-2_20230504	RI-SB-02_13_20230504
		Laboratory Sample ID	460-279329-1	460-279329-2	460-279329-3	460-279573-1	460-279573-12
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.073 U	0.22	0.072 U	0.093 U
PCB-1248 (Aroclor 1248)	NS	NS	0.11	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1260 (Aroclor 1260)	NS	NS	0.061 J	0.073 U	0.095	0.072 U	0.093 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U
Total PCBs	1	**0.1**	0.17	0.073 U	**0.32**	0.072 U	0.093 U

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_5-7_20230504	RI-SB-X2_20230504	RI-SB-02_8-10_20230504	RI-SB-03_0-2_20230503	RI-SB-03_2-4_20230503
		Laboratory Sample ID	460-279573-2	460-279573-4	460-279573-3	460-279515-1	460-279515-2
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/03/2023	5/03/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.077 U	0.096	0.077 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.1
Total PCBs	1	**0.1**	0.077 U	0.077 U	0.096	0.077 U	0.1

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_8-10_20230503	RI-SB-04_0-2_20230502	RI-SB-04_2-4_20230502	RI-SB-X1_20230502	RI-SB-04_8-10_20230502
		Laboratory Sample ID	460-279515-3	460-279369-7	460-279369-8	460-279369-10	460-279369-9
		Date Sampled	5/03/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.5	0.074 U	0.074 U	0.14	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.078 U	0.074 U	0.25	0.073 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.078 U	0.17	0.074 U	0.073 U	0.075 U
Total PCBs	1	**0.1**	**0.5**	**0.17**	**0.25**	**0.14**	0.075 U

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-05_0-2_20230503	RI-SB-05_5-7_20230503	RI-SB-05_8-10_20230503	RI-SB-06_0-2_20230501	RI-SB-06_5-7_20230501
		Laboratory Sample ID	460-279515-6	460-279515-7	460-279515-8	460-279329-4	460-279329-5
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/01/2023	5/01/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.073 U	0.077 U	0.19	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.073 U	0.077 U	0.076 U	0.074 U
Total PCBs	1	**0.1**	0.074 U	0.073 U	0.077 U	**0.19**	0.074 U

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-06_7-9_20230501	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501	RI-SB-08_0-2_20230501
		Laboratory Sample ID	460-279329-6	460-279329-7	460-279329-8	460-279329-9	460-279329-10
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.07 U	0.074 U	0.39	0.078 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.07 U	0.074 U	0.26	0.078 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.16
Total PCBs	1	**0.1**	0.07 U	0.074 U	**0.65**	0.078 U	**0.16**

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_2-4_20230501	RI-SB-08_8-10_20230501	RI-SB-09_0-2_20230502	RI-SB-09_6-8_20230502	RI-SB-09_8-10_20230502
		Laboratory Sample ID	460-279329-11	460-279329-12	460-279369-4	460-279369-5	460-279369-6
		Date Sampled	5/01/2023	5/01/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1221 (Aroclor 1221)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1232 (Aroclor 1232)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1242 (Aroclor 1242)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1248 (Aroclor 1248)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1254 (Aroclor 1254)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1260 (Aroclor 1260)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1262 (Aroclor 1262)	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U
PCB-1268 (Aroclor 1268)	NS	NS	0.32	0.083 U	0.075 U	0.077 U	0.08 U
Total PCBs	1	**0.1**	**0.32**	0.083 U	0.075 U	0.077 U	0.08 U

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_0-2_20230503	RI-SB-10_6-8_20230503	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502
		Laboratory Sample ID	460-279515-9	460-279515-10	460-279515-11	460-279369-1	460-279369-2
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.073 U	0.067 J	0.079 U	0.074 U	0.075
PCB-1262 (Aroclor 1262)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U
Total PCBs	1	**0.1**	0.073 U	0.067 J	0.079 U	0.074 U	0.075

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-11_8-10_20230502	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504
		Laboratory Sample ID	460-279369-3	460-279515-4	460-279515-5	460-279573-5
		Date Sampled	5/02/2023	5/03/2023	5/03/2023	5/04/2023
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U
Total PCBs	1	**0.1**	0.077 U	0.087 U	0.26 U	0.078 U

Table 8
Soil Analytical Results for Polychlorinated Biphenyls
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-14_5-7_20230504	RI-SB-14_8-10_20230504
		Laboratory Sample ID	460-279573-6	460-279573-7
		Date Sampled	5/04/2023	5/04/2023
		Dilution Factor	1	1
		Unit	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.089 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.089 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.089 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.089 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.089 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.089 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.089 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.089 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.089 U
Total PCBs	1	**0.1**	0.074 U	0.089 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501	RI-SB-01_2-4_20230501	RI-SB-01_9-11_20230501	RI-SB-02_0-2_20230504	RI-SB-02_13_20230504
		Laboratory Sample ID	460-279329-1	460-279329-2	460-279329-3	460-279573-1	460-279573-12
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/04/2023	5/04/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.002 U	0.0022 U	0.0023 U	0.0022 U	0.0028 U
Alpha Endosulfan	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.002 U	0.0022 U	0.0023 U	0.0022 U	0.0028 U
Beta Endosulfan	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
cis-Chlordane	24	0.094	0.0068 U	0.019 P	0.0078 U	0.0072 U	0.0093 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.002 U	0.0022 U	0.0023 U	0.0022 U	0.0028 U
Dieldrin	1.4	0.005	0.002 U	0.0022 U	0.0023 U	0.0022 U	0.0028 U
Endosulfan Sulfate	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Endrin Aldehyde	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Endrin Ketone	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Gamma Bhc (Lindane)	9.2	0.1	0.002 U	0.0022 U	0.0023 U	0.0022 U	0.0028 U
Heptachlor	15	0.042	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Heptachlor Epoxide	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Methoxychlor	NS	NS	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
P,P'-DDD	92	**0.0033**	**0.012**	0.0073 U	**0.03**	0.0072 U	**0.01**
P,P'-DDE	62	**0.0033**	**0.011**	0.0073 U	**0.065**	0.0072 U	0.0093 U
P,P'-DDT	47	**0.0033**	0.0068 U	0.0073 U	0.0078 U	0.0072 U	0.0093 U
Toxaphene	NS	NS	0.068 U	0.073 U	0.078 U	0.072 U	0.093 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_5-7_20230504	RI-SB-X2_20230504	RI-SB-02_8-10_20230504	RI-SB-03_0-2_20230503	RI-SB-03_2-4_20230503
		Laboratory Sample ID	460-279573-2	460-279573-4	460-279573-3	460-279515-1	460-279515-2
		Date Sampled	5/04/2023	5/04/2023	5/04/2023	5/03/2023	5/03/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
cis-Chlordane	24	0.094	0.0077 U	0.0077 U	0.008 U	0.0074 JP	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0022 U
Dieldrin	1.4	0.005	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Endrin Ketone	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Gamma Bhc (Lindane)	9.2	0.1	0.0023 U	0.0023 U	0.0024 U	0.0023 U	0.0022 U
Heptachlor	15	0.042	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Methoxychlor	NS	NS	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
P,P'-DDD	92	**0.0033**	**0.0034 J**	**0.0054 J**	0.008 U	**0.0095**	**0.012**
P,P'-DDE	62	**0.0033**	0.0077 U	**0.0048 J**	0.008 U	**0.011**	0.0072 U
P,P'-DDT	47	**0.0033**	0.0077 U	0.0077 U	0.008 U	0.0077 U	0.0072 U
Toxaphene	NS	NS	0.077 U	0.077 U	0.08 U	0.077 U	0.072 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_8-10_20230503	RI-SB-04_0-2_20230502	RI-SB-04_2-4_20230502	RI-SB-X1_20230502	RI-SB-04_8-10_20230502
		Laboratory Sample ID	460-279515-3	460-279369-7	460-279369-8	460-279369-10	460-279369-9
		Date Sampled	5/03/2023	5/02/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
cis-Chlordane	24	0.094	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	1.4	0.005	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Endrin Ketone	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Gamma Bhc (Lindane)	9.2	0.1	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	15	0.042	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Methoxychlor	NS	NS	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDD	92	**0.0033**	**0.035**	0.0074 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDE	62	**0.0033**	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDT	47	**0.0033**	0.0078 U	0.0074 U	0.0074 U	0.0073 U	0.0075 U
Toxaphene	NS	NS	0.078 U	0.074 U	0.074 U	0.073 U	0.075 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-05_0-2_20230503	RI-SB-05_5-7_20230503	RI-SB-05_8-10_20230503	RI-SB-06_0-2_20230501	RI-SB-06_5-7_20230501
		Laboratory Sample ID	460-279515-6	460-279515-7	460-279515-8	460-279329-4	460-279329-5
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/01/2023	5/01/2023
		Dilution Factor	1	2	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0022 U	0.0044 U	0.0023 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0022 U	0.0044 U	0.0023 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
cis-Chlordane	24	0.094	0.021 P	0.012 JP	0.0077 U	0.0076 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0022 U	0.0044 U	0.0023 U	0.0023 U	0.0022 U
Dieldrin	1.4	0.005	0.0022 U	0.0044 U	0.0023 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Endrin Ketone	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Gamma Bhc (Lindane)	9.2	0.1	0.0022 U	0.0044 U	0.0023 U	0.0023 U	0.0022 U
Heptachlor	15	0.042	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
Methoxychlor	NS	NS	0.0074 U	0.015 U	0.0077 U	0.0076 U	0.0074 U
P,P'-DDD	92	**0.0033**	**0.0053 J**	**0.031**	0.0077 U	**0.02**	0.0074 U
P,P'-DDE	62	**0.0033**	**0.0035 J**	**0.043**	0.0027 J	**0.064**	0.0074 U
P,P'-DDT	47	**0.0033**	0.0074 U	**0.36**	**0.014**	0.0076 U	0.0074 U
Toxaphene	NS	NS	0.074 U	0.15 U	0.077 U	0.076 U	0.074 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-06_7-9_20230501	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501	RI-SB-08_0-2_20230501
		Laboratory Sample ID	460-279329-6	460-279329-7	460-279329-8	460-279329-9	460-279329-10
		Date Sampled	5/01/2023	5/01/2023	5/01/2023	5/01/2023	5/01/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U
Alpha Endosulfan	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U
Beta Endosulfan	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
cis-Chlordane	24	0.094	0.007 U	0.0081 P	0.0078 U	0.0078 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U
Dieldrin	1.4	0.005	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Endrin Aldehyde	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Endrin Ketone	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Gamma Bhc (Lindane)	9.2	0.1	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0021 U
Heptachlor	15	0.042	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Heptachlor Epoxide	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Methoxychlor	NS	NS	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
P,P'-DDD	92	**0.0033**	0.0018 J	0.0074 U	0.0078 U	0.0078 U	0.003 J
P,P'-DDE	62	**0.0033**	0.007 U	0.0074 U	0.0078 U	0.0078 U	**0.0057 J**
P,P'-DDT	47	**0.0033**	0.007 U	0.0074 U	0.0078 U	0.0078 U	0.0071 U
Toxaphene	NS	NS	0.07 U	0.074 U	0.078 U	0.078 U	0.071 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_2-4_20230501	RI-SB-08_8-10_20230501	RI-SB-09_0-2_20230502	RI-SB-09_6-8_20230502	RI-SB-09_8-10_20230502
		Laboratory Sample ID	460-279329-11	460-279329-12	460-279369-4	460-279369-5	460-279369-6
		Date Sampled	5/01/2023	5/01/2023	5/02/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0021 U	0.0025 U	0.0022 U	0.0023 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0021 U	0.0025 U	0.0022 U	0.0023 U	0.0024 U
Beta Endosulfan	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
cis-Chlordane	24	0.094	0.0071 U	0.0083 U	0.0047 JP	0.0077 U	0.008 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0021 U	0.0025 U	0.0022 U	0.0023 U	0.0024 U
Dieldrin	1.4	0.005	0.0021 U	0.0025 U	0.0022 U	0.0023 U	0.0024 U
Endosulfan Sulfate	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Endrin Aldehyde	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Endrin Ketone	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Gamma Bhc (Lindane)	9.2	0.1	0.0021 U	0.0025 U	0.0022 U	0.0023 U	0.0024 U
Heptachlor	15	0.042	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Heptachlor Epoxide	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Methoxychlor	NS	NS	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
P,P'-DDD	92	**0.0033**	0.0071 U	0.0083 U	0.0027 J	0.0077 U	0.008 U
P,P'-DDE	62	**0.0033**	0.0071 U	0.0083 U	0.0022 JP	0.0077 U	0.008 U
P,P'-DDT	47	**0.0033**	0.0071 U	0.0083 U	0.0075 U	0.0077 U	0.008 U
Toxaphene	NS	NS	0.071 U	0.083 U	0.075 U	0.077 U	0.08 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_0-2_20230503	RI-SB-10_6-8_20230503	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502
		Laboratory Sample ID	460-279515-9	460-279515-10	460-279515-11	460-279369-1	460-279369-2
		Date Sampled	5/03/2023	5/03/2023	5/03/2023	5/02/2023	5/02/2023
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0022 U	0.0023 U	0.0024 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0022 U	0.0023 U	0.0024 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
cis-Chlordane	24	0.094	0.0026 JP	0.0037 JP	0.0079 U	0.007 JP	0.013 P
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0022 U	0.0023 U	0.0024 U	0.0022 U	0.0022 U
Dieldrin	1.4	0.005	0.0022 U	0.0023 U	0.0024 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Endrin Ketone	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Gamma Bhc (Lindane)	9.2	0.1	0.0022 U	0.0023 U	0.0024 U	0.0022 U	0.0022 U
Heptachlor	15	0.042	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
Methoxychlor	NS	NS	0.0073 U	0.0077 U	0.0079 U	0.0074 U	0.0075 U
P,P'-DDD	92	**0.0033**	0.0073 U	**0.0065 J**	0.0079 U	**0.011**	0.0075 U
P,P'-DDE	62	**0.0033**	0.0073 U	**0.0094**	0.0079 U	**0.0059 J**	**0.0044 J**
P,P'-DDT	47	**0.0033**	0.0073 U	**0.07**	0.0079 U	0.0074 U	0.0075 U
Toxaphene	NS	NS	0.073 U	0.077 U	0.079 U	0.074 U	0.075 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-11_8-10_20230502	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504
		Laboratory Sample ID	460-279369-3	460-279515-4	460-279515-5	460-279573-5
		Date Sampled	5/02/2023	5/03/2023	5/03/2023	5/04/2023
		Dilution Factor	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0077 U	0.0087 U	0.026 U	0.0078 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0023 U	0.0026 U	0.0078 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0023 U	0.0026 U	0.0078 U	0.0023 U
Beta Endosulfan	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
cis-Chlordane	24	0.094	0.0077 U	0.0087 U	0.026 U	0.0078 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0023 U	0.0026 U	0.0078 U	0.0023 U
Dieldrin	1.4	0.005	0.0023 U	0.0026 U	0.0078 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
Endosulfans ABS	200	2.4	0 U	0 U	0 U	0 U
Endrin	89	0.014	0.0077 U	0.0087 U	0.026 U	0.0078 U
Endrin Aldehyde	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
Endrin Ketone	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
Gamma Bhc (Lindane)	9.2	0.1	0.0023 U	0.0026 U	0.0078 U	0.0023 U
Heptachlor	15	0.042	0.0077 U	0.0087 U	0.026 U	0.0078 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
Methoxychlor	NS	NS	0.0077 U	0.0087 U	0.026 U	0.0078 U
P,P'-DDD	92	**0.0033**	0.0077 U	0.0087 U	**0.022 J**	0.0078 U
P,P'-DDE	62	**0.0033**	0.0077 U	0.0087 U	0.026 U	0.0078 U
P,P'-DDT	47	**0.0033**	0.0077 U	0.0087 U	0.026 U	0.0078 U
Toxaphene	NS	NS	0.077 U	0.087 U	0.26 U	0.078 U

Table 9
Soil Analytical Results for Pesticides
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-14_5-7_20230504	RI-SB-14_8-10_20230504
		Laboratory Sample ID	460-279573-6	460-279573-7
		Date Sampled	5/04/2023	5/04/2023
		Dilution Factor	1	1
		Unit	mg/kg	mg/kg
Compound	**NYSDEC CSCO**	**NYSDEC UUSCO**	CONC Q	CONC Q
Aldrin	0.68	0.005	0.0074 U	0.0089 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	3.4	0.02	0.0022 U	0.0026 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0089 U
Beta Bhc (Beta Hexachlorocyclohexane)	3	0.036	0.0022 U	0.0026 U
Beta Endosulfan	NS	NS	0.0074 U	0.0089 U
cis-Chlordane	24	0.094	0.0074 U	0.0089 U
Delta BHC (Delta Hexachlorocyclohexane)	500	0.04	0.0022 U	0.0026 U
Dieldrin	1.4	0.005	0.0022 U	0.0026 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0089 U
Endosulfans ABS	200	2.4	0 U	0 U
Endrin	89	0.014	0.0074 U	0.0089 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0089 U
Endrin Ketone	NS	NS	0.0074 U	0.0089 U
Gamma Bhc (Lindane)	9.2	0.1	0.0022 U	0.0026 U
Heptachlor	15	0.042	0.0074 U	0.0089 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0089 U
Methoxychlor	NS	NS	0.0074 U	0.0089 U
P,P'-DDD	92	**0.0033**	0.0074 U	0.0089 U
P,P'-DDE	62	**0.0033**	0.0074 U	0.0089 U
P,P'-DDT	47	**0.0033**	0.0074 U	0.0089 U
Toxaphene	NS	NS	0.074 U	0.089 U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-01_0-2_20230501		RI-SB-01_2-4_20230501		RI-SB-01_9-11_20230501		RI-SB-02_0-2_20230504	
		Laboratory Sample ID	460-279301-1		460-279301-2		460-279301-3		460-279584-1	
		Date Sampled	5/1/2023 10:00:00 AM		5/1/2023 10:15:00 AM		5/1/2023 10:20:00 AM		5/4/2023 8:30:00 AM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.97	U	4.99	U	5	U	4.97	U
3-Perfluoroheptyl propanoic acid	NS	NS	4.97	U	4.99	U	5	U	4.97	U
3-Perfluoropropyl propanoic acid	NS	NS	0.99	U	1	U	1	U	0.99	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
6:2 Fluorotelomer sulfonate	NS	NS	0.99	U	1	U	1	U	0.99	U
8:2 Fluorotelomer sulfonate	NS	NS	0.4	J	1	U	1	U	0.99	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.33		0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.17		0.2	U	0.31		0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.07	J	2	U	2	U	1.99	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.76		0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	0.77	J	2	U	2	U	1.99	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.79	U
Perfluorodecanesulfonic acid	NS	NS	0.25		0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.065	J
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.12	J	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.052	J
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.14	J	0.2	U	0.29	
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.05	J
Perfluorooctanesulfonamide	NS	NS	0.13	J	0.2	U	0.055	J	0.19	J
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	0.71		0.2	U	0.29		**2.53**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.16	J	0.52		0.17	J	0.37	
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.1	J	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.24		0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.18	J	0.2	U	0.2	U	0.2	U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-02_13_20230504		RI-SB-02_5-7_20230504		RI-SB-X2_20230504		RI-SB-02_8-10_20230504	
		Laboratory Sample ID	460-279584-10		460-279584-2		460-279584-4		460-279584-3	
		Date Sampled	5/4/2023 8:45:00 AM		5/4/2023 8:35:00 AM		5/4/2023 8:35:00 AM		5/4/2023 8:40:00 AM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.96	U	4.97	U	4.93	U	4.96	U
3-Perfluoroheptyl propanoic acid	NS	NS	4.96	U	4.97	U	4.93	U	4.96	U
3-Perfluoropropyl propanoic acid	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
6:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
8:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.52		0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.98	U	1.99	U	1.97	U	1.98	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.77		0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.26		0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.98	U	0.7	J	1.97	U	1.98	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.39	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.39	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.39	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.39	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.79	U	0.8	U	0.79	U	0.79	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.05	J
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.37		0.2		0.18	J
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.076	J	0.2	U	0.2	
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.21		0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	0.44		**0.97**		0.2	U	**2.67**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.2	U	0.45		0.29		0.37	
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.39	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-03_0-2_20230503		RI-SB-03_2-4_20230503		RI-SB-03_8-10_20230503		RI-SB-04_0-2_20230502	
		Laboratory Sample ID	460-279543-1		460-279543-2		460-279543-3		460-279387-7	
		Date Sampled	5/3/2023 9:00:00 AM		5/3/2023 9:05:00 AM		5/3/2023 9:10:00 AM		5/2/2023 1:00:00 PM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5	U	4.99	U	4.98	U	4.97	U
3-Perfluoroheptyl propanoic acid	NS	NS	5	U	4.99	U	4.98	U	4.97	U
3-Perfluoropropyl propanoic acid	NS	NS	1	U	1	U	1	U	0.99	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
6:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U	1	U	0.99	U
8:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U	1	U	0.99	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.28		1.18		0.2	U	0.1	J
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	0.93	J	1.99	U	1.99	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.26		0.2	U	0.083	J
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.99	U	1.99	U	1.99	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
Perfluorodecanesulfonic acid	NS	NS	0.28		0.2	U	0.2	U	0.08	J
Perfluorodecanoic acid	NS	NS	0.31		0.2	U	0.2	U	0.089	J
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	J
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.05	J	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.17	J	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	**2.46**		0.83		0.2	U	**1.23**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	**0.74**		0.075	J	0.34		0.39	
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.18	J
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-04_2-4_20230502	RI-SB-04_2-4_20230502	RI-SB-X1_20230502	RI-SB-X1_20230502
		Laboratory Sample ID	460-279387-8	460-279387-8	460-279387-10	460-279387-10
		Date Sampled	5/2/2023 1:05:00 PM	5/2/2023 1:05:00 PM	5/2/2023 1:05:00 PM	5/2/2023 1:05:00 PM
		Dilution Factor	1	10	1	10
		Unit	ppb	ppb	ppb	ppb
Compound	NYSDEC Commercial Guidance Value	NYSDEC Unrestricted Use Guidance Value	Conc Q	Conc Q	Conc Q	Conc Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.79 U	NR	0.8 U	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.79 U	NR	0.8 U	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.96 U	NR	4.99 U	NR
3-Perfluoroheptyl propanoic acid	NS	NS	4.96 U	NR	4.99 U	NR
3-Perfluoropropyl propanoic acid	NS	NS	0.99 U	NR	1 U	NR
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.79 U	NR	0.8 U	NR
6:2 Fluorotelomer sulfonate	NS	NS	0.99 U	NR	NR	9.98 U
8:2 Fluorotelomer sulfonate	NS	NS	NR	9.91 U	NR	9.98 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.79 U	NR	0.8 U	NR
Hexafluoropropylene oxide dimer acid	NS	NS	0.79 U	NR	0.8 U	NR
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2 U	NR	0.2 U	NR
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.48	NR	0.11 J	NR
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	0.55 J	NR	2 U	NR
N-methyl perfluorooctanesulfonamide	NS	NS	0.2 U	NR	0.2 U	NR
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	NR	0.2 U	NR
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.98 U	NR	2 U	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4 U	NR	0.4 U	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4 U	NR	0.4 U	NR
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4 U	NR	0.4 U	NR
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4 U	NR	0.4 U	NR
Perfluorobutanesulfonic acid	NS	NS	0.2 U	NR	0.2 U	NR
Perfluorobutanoic acid	NS	NS	0.79 U	NR	0.8 U	NR
Perfluorodecanesulfonic acid	NS	NS	0.13 J	NR	0.2 U	NR
Perfluorodecanoic acid	NS	NS	0.11 J	NR	0.2 U	NR
Perfluorododecanesulfonic acid	NS	NS	0.2 U	NR	0.2 U	NR
Perfluorododecanoic acid	NS	NS	0.17 J	NR	0.2 U	NR
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	NR	0.2 U	NR
Perfluoroheptanoic acid	NS	NS	0.2 U	NR	0.19 J	NR
Perfluorohexanesulfonic acid	NS	NS	0.2 U	NR	0.15 J	NR
Perfluorohexanoic acid	NS	NS	0.2 U	NR	0.4	NR
Perfluorononanesulfonic acid	NS	NS	0.2 U	NR	0.2 U	NR
Perfluorononanoic acid	NS	NS	0.064 J	NR	0.081 J	NR
Perfluorooctanesulfonamide	NS	NS	0.16 J	NR	0.2 U	NR
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	**2.61**	NR	**2.17**	NR
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.12 J	NR	**1.7**	NR
Perfluoropentanoic acid	NS	NS	0.4 U	NR	0.4 U	NR
Perfluoropentansulfonic acid	NS	NS	0.2 U	NR	0.2 U	NR
Perfluorotetradecanoic acid	NS	NS	0.12 J	NR	0.2 U	NR
Perfluorotridecanoic acid	NS	NS	0.37	NR	0.2 U	NR
Perfluoroundecanoic acid	NS	NS	0.47	NR	0.2 U	NR

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-04_8-10_20230502		RI-SB-05_0-2_20230503		RI-SB-05_5-7_20230503		RI-SB-05_8-10_20230503	
		Laboratory Sample ID	460-279387-9		460-279543-6		460-279543-7		460-279543-8	
		Date Sampled	5/2/2023 1:10:00 PM		5/3/2023 12:00:00 PM		5/3/2023 12:05:00 PM		5/3/2023 12:10:00 PM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.99	U	4.98	U	4.97	U	4.99	U
3-Perfluoroheptyl propanoic acid	NS	NS	4.99	U	4.98	U	4.97	U	4.99	U
3-Perfluoropropyl propanoic acid	NS	NS	1	U	1	U	0.99	U	1	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
6:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U	0.99	U	1	U
8:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U	0.99	U	1	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.99	U	1.99	U	1.99	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.99	U	1.99	U	1.99	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.8	U	0.8	U	0.8	U	0.8	U
Perfluorodecanesulfonic acid	NS	NS	0.069	J	0.087	J	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.17	J	0.2	U	0.2	U
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.098	J	0.13	J	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.073	J	0.097	J
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.073	J	0.13	J
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.082	J	0.2	U	0.2	U	0.1	J
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.076	J	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	**1.09**		**3.04**		0.38		0.72	
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.18	J	0.055	J	0.32		**1.04**	
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.064	J	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.12	J	0.14	J	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.38		0.22		0.2	U	0.2	U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-06_0-2_20230501		RI-SB-06_5-7_20230501		RI-SB-06_7-9_20230501		RI-SB-07_0-2_20230501	
		Laboratory Sample ID	460-279301-4		460-279301-5		460-279301-6		460-279301-7	
		Date Sampled	5/1/2023 10:50:00 AM		5/1/2023 11:05:00 AM		5/1/2023 11:10:00 AM		5/1/2023 11:40:00 AM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.79	U	0.8	U	0.79	U	0.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.79	U	0.8	U	0.79	U	NR	
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.95	U	4.97	U	4.96	U	5	U
3-Perfluoroheptyl propanoic acid	NS	NS	4.95	U	4.97	U	4.96	U	5	U
3-Perfluoropropyl propanoic acid	NS	NS	0.99	U	0.99	U	0.99	U	1	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.79	U	0.8	U	0.79	U	0.8	U
6:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	NR	
8:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	1	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.79	U	0.8	U	0.79	U	0.8	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.79	U	0.8	U	0.79	U	0.8	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	1.6		0.18	J	NR	
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.98	U	0.73	J	1.98	U	2	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.58		0.2	U	NR	
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.98	U	1.99	U	1.98	U	2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.79	U	0.8	U	0.79	U	0.8	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.074	J	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.069	J	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.099	J	0.2	U	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.38		0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	0.2	U	**2.51**		0.84		**2.55**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.43		0.14	J	0.22		0.087	J
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	2.14	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.11	J	0.2	U	2.14	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.17	J	0.2	U	0.2	U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-07_0-2_20230501	RI-SB-07_5-7_20230501	RI-SB-07_5-7_20230501	RI-SB-07_8-10_20230501
		Laboratory Sample ID	460-279301-7	460-279301-8	460-279301-8	460-279301-9
		Date Sampled	5/1/2023 11:40:00 AM	5/1/2023 11:50:00 AM	5/1/2023 11:50:00 AM	5/1/2023 11:55:00 AM
		Dilution Factor	10	1	10	1
		Unit	ppb	ppb	ppb	ppb
Compound	NYSDEC Commercial Guidance Value	NYSDEC Unrestricted Use Guidance Value	Conc Q	Conc Q	Conc Q	Conc Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NR	0.79 U	NR	0.8 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	8 U	0.79 U	NR	0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NR	4.95 U	NR	5 U
3-Perfluoroheptyl propanoic acid	NS	NS	NR	4.95 U	NR	5 U
3-Perfluoropropyl propanoic acid	NS	NS	NR	0.99 U	NR	1 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	NR	0.79 U	NR	0.8 U
6:2 Fluorotelomer sulfonate	NS	NS	10 U	0.99 U	NR	1 U
8:2 Fluorotelomer sulfonate	NS	NS	NR	0.99 U	NR	1 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NR	0.79 U	NR	0.8 U
Hexafluoropropylene oxide dimer acid	NS	NS	NR	0.79 U	NR	0.8 U
N-ethyl perfluorooctanesulfonamide	NS	NS	NR	0.2 U	NR	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2 U	0.2 U	NR	0.2 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	NR	1.98 U	NR	2 U
N-methyl perfluorooctanesulfonamide	NS	NS	NR	0.2 U	NR	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2 U	0.2 U	NR	0.2 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	NR	1.98 U	NR	2 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NR	0.4 U	NR	0.4 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NR	0.4 U	NR	0.4 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NR	0.4 U	NR	0.4 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NR	0.4 U	NR	0.4 U
Perfluorobutanesulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorobutanoic acid	NS	NS	NR	0.79 U	NR	0.8 U
Perfluorodecanesulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorodecanoic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorododecanesulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorododecanoic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluoroheptanoic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorohexanesulfonic acid	NS	NS	NR	0.059 J	NR	0.2 U
Perfluorohexanoic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorononanesulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorononanoic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorooctanesulfonamide	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	NR	0.78	NR	0.32
Perfluorooctanoic acid (PFOA)	500	**0.66**	NR	0.18 J	NR	0.16 J
Perfluoropentanoic acid	NS	NS	NR	0.4 U	NR	0.4 U
Perfluoropentansulfonic acid	NS	NS	NR	0.2 U	NR	0.2 U
Perfluorotetradecanoic acid	NS	NS	NR	NR	1.98 U	0.2 U
Perfluorotridecanoic acid	NS	NS	NR	NR	1.98 U	0.2 U
Perfluoroundecanoic acid	NS	NS	NR	0.2 U	NR	0.2 U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-08_0-2_20230501		RI-SB-08_2-4_20230501		RI-SB-08_8-10_20230501		RI-SB-09_0-2_20230502	
		Laboratory Sample ID	460-279301-10		460-279301-11		460-279301-12		460-279387-4	
		Date Sampled	5/1/2023 1:40:00 PM		5/1/2023 1:45:00 PM		5/1/2023 1:55:00 PM		5/2/2023 11:10:00 AM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5	U	4.96	U	5	U	5	U
3-Perfluoroheptyl propanoic acid	NS	NS	5	U	4.96	U	5	U	5	U
3-Perfluoropropyl propanoic acid	NS	NS	1	U	0.99	U	1	U	1	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
6:2 Fluorotelomer sulfonate	NS	NS	1	U	0.99	U	1	U	1	U
8:2 Fluorotelomer sulfonate	NS	NS	1	U	10	U	1	U	1	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.32		1.87		0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.82	J	2	U	2	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.11	J	0.44		0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	0.88	J	2	U	2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.8	U	0.79	U	0.8	U	0.8	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.057	J	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.081	J
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.11	J	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.094	J	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.098	J	0.083	J	0.087	J
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.29		0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	0.84		**1.53**		0.2	U	**2.42**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.2		0.56		**0.85**		0.065	J
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-09_6-8_20230502		RI-SB-09_8-10_20230502		RI-SB-10_0-2_20230503		RI-SB-10_6-8_20230503	
		Laboratory Sample ID	460-279387-5		460-279387-6		460-279543-9		460-279543-10	
		Date Sampled	5/2/2023 11:15:00 AM		5/2/2023 11:20:00 AM		5/3/2023 1:15:00 PM		5/3/2023 1:20:00 PM	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**	**Conc**	**Q**
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.94	U	4.95	U	4.96	U	4.97	U
3-Perfluoroheptyl propanoic acid	NS	NS	4.94	U	4.95	U	4.96	U	4.97	U
3-Perfluoropropyl propanoic acid	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
6:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
8:2 Fluorotelomer sulfonate	NS	NS	0.99	U	0.99	U	0.99	U	0.99	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.97	U	1.98	U	1.98	U	1.99	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.97	U	1.98	U	1.98	U	1.99	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.79	U	0.79	U	0.79	U	0.79	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.23		0.2	U
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.3		0.25		0.29		0.1	J
Perfluorohexanesulfonic acid	NS	NS	0.53		0.3		0.1	J	1.03	
Perfluorohexanoic acid	NS	NS	0.2	U	0.076	J	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.072	J	0.2	U	0.65		0.29	
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	**1.71**		0.2	U	**9.62**		**3.45**	
Perfluorooctanoic acid (PFOA)	500	**0.66**	**2.57**		0.55		**0.73**		**0.93**	
Perfluoropentanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	2.15	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	2.15	U	0.66		0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.73		0.19	J

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-10_8-10_20230503	RI-SB-11_0-2_20230502	RI-SB-11_0-2_20230502	RI-SB-11_2-4_20230502
		Laboratory Sample ID	460-279543-11	460-279387-1	460-279387-1	460-279387-2
		Date Sampled	5/3/2023 1:25:00 PM	5/2/2023 9:15:00 AM	5/2/2023 9:15:00 AM	5/2/2023 9:20:00 AM
		Dilution Factor	1	1	10	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	Conc Q	Conc Q	Conc Q	Conc Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	4.97 U	4.96 U	NR	4.97 U
3-Perfluoroheptyl propanoic acid	NS	NS	4.97 U	4.96 U	NR	4.97 U
3-Perfluoropropyl propanoic acid	NS	NS	0.99 U	0.99 U	NR	0.99 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
6:2 Fluorotelomer sulfonate	NS	NS	0.99 U	0.99 U	NR	0.99 U
8:2 Fluorotelomer sulfonate	NS	NS	0.99 U	0.99 U	NR	0.99 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	NR	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2 U	0.2 U	NR	0.9
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	1.99 U	1.98 U	NR	1.99 U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	NR	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2 U	0.2 U	NR	0.33
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	1.99 U	1.98 U	NR	1.99 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4 U	0.4 U	NR	0.4 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4 U	0.4 U	NR	0.4 U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4 U	0.4 U	NR	0.4 U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4 U	0.4 U	NR	0.4 U
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorobutanoic acid	NS	NS	0.8 U	0.79 U	NR	0.79 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorododecanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorododecanoic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.2 U	NR	0.08 J
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.16 J
Perfluorohexanoic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorononanesulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorononanoic acid	NS	NS	0.59	0.2 U	NR	0.19 J
Perfluorooctanesulfonamide	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	0.5	0.86	NR	**2.04**
Perfluorooctanoic acid (PFOA)	500	**0.66**	0.1 J	0.13 J	NR	0.63
Perfluoropentanoic acid	NS	NS	0.4 U	0.4 U	NR	0.4 U
Perfluoropentansulfonic acid	NS	NS	0.2 U	0.2 U	NR	0.2 U
Perfluorotetradecanoic acid	NS	NS	0.2 U	NR	1.98 U	0.2 U
Perfluorotridecanoic acid	NS	NS	0.2 U	NR	1.98 U	0.2 U
Perfluoroundecanoic acid	NS	NS	0.88	0.2 U	NR	0.2 U

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

			AKRF Sample ID	RI-SB-11_8-10_20230502	RI-SB-12_0-2_20230503	RI-SB-13_0-2_20230503	RI-SB-14_0-2_20230504
			Laboratory Sample ID	460-279387-3	460-279543-4	460-279543-5	460-279584-5
			Date Sampled	5/2/2023 9:25:00 AM	5/3/2023 10:45:00 AM	5/3/2023 10:30:00 AM	5/4/2023 12:30:00 PM
			Dilution Factor	1	1	1	1
			Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**		Conc Q	Conc Q	Conc Q	Conc Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS		4.97 U	4.98 U	9.8 U	4.97 U
3-Perfluoroheptyl propanoic acid	NS	NS		4.97 U	4.98 U	9.8 U	4.97 U
3-Perfluoropropyl propanoic acid	NS	NS		0.99 U	1 U	1.96 U	0.99 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
6:2 Fluorotelomer sulfonate	NS	NS		0.99 U	1 U	1.96 U	0.99 U
8:2 Fluorotelomer sulfonate	NS	NS		0.99 U	1 U	1.96 U	0.99 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
Hexafluoropropylene oxide dimer acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
N-ethyl perfluorooctanesulfonamide	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS		0.2 U	0.2 U	1.1	0.2 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS		1.99 U	1.99 U	3.92 U	1.99 U
N-methyl perfluorooctanesulfonamide	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS		0.2 U	0.2 U	0.62	0.19 J
N-methyl perfluorooctanesulfonamidoethanol	NS	NS		1.99 U	1.99 U	3.92 U	1.99 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS		0.4 U	0.4 U	0.78 U	0.4 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS		0.4 U	0.4 U	0.78 U	0.4 U
Perfluoro-3-methoxypropanoic acid	NS	NS		0.4 U	0.4 U	0.78 U	0.4 U
Perfluoro-4-methoxybutanoic acid	NS	NS		0.4 U	0.4 U	0.78 U	0.4 U
Perfluorobutanesulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluorobutanoic acid	NS	NS		0.79 U	0.8 U	1.57 U	0.8 U
Perfluorodecanesulfonic acid	NS	NS		0.2 U	0.18 J	0.9	0.053 J
Perfluorodecanoic acid	NS	NS		0.2 U	0.41	0.78	0.1 J
Perfluorododecanesulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluorododecanoic acid	NS	NS		0.2 U	0.4	0.62	0.097 J
Perfluoroheptanesulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluoroheptanoic acid	NS	NS		0.2 U	0.38	0.19 J	0.06 J
Perfluorohexanesulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluorohexanoic acid	NS	NS		0.2 U	0.72	0.39 U	0.2 U
Perfluorononanesulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluorononanoic acid	NS	NS		0.076 J	0.27	0.39 U	0.2 U
Perfluorooctanesulfonamide	NS	NS		0.2 U	0.2 U	0.82	0.083 J
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**		0.38	0.77	**7.5**	**1.76**
Perfluorooctanoic acid (PFOA)	500	**0.66**		0.34	**0.69**	0.17 J	0.23
Perfluoropentanoic acid	NS	NS		0.4 U	0.93	0.78 U	0.4 U
Perfluoropentansulfonic acid	NS	NS		0.2 U	0.2 U	0.39 U	0.2 U
Perfluorotetradecanoic acid	NS	NS		0.2 U	0.19 J	0.27 J	0.2 U
Perfluorotridecanoic acid	NS	NS		0.2 U	0.2	0.39 U	0.085 J
Perfluoroundecanoic acid	NS	NS		0.2 U	0.41	0.85	0.13 J

Table 10
Soil Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

		AKRF Sample ID	RI-SB-14_5-7_20230504		RI-SB-14_8-10_20230504	
		Laboratory Sample ID	460-279584-6		460-279584-7	
		Date Sampled	5/4/2023 12:35:00 PM		5/4/2023 12:40:00 PM	
		Dilution Factor	1		1	
		Unit	ppb		ppb	
Compound	**NYSDEC Commercial Guidance Value**	**NYSDEC Unrestricted Use Guidance Value**	Conc	Q	Conc	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	0.8	U	0.8	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	5	U	4.98	U
3-Perfluoroheptyl propanoic acid	NS	NS	5	U	4.98	U
3-Perfluoropropyl propanoic acid	NS	NS	1	U	1	U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NS	0.8	U	0.8	U
6:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U
8:2 Fluorotelomer sulfonate	NS	NS	1	U	1	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.8	U	0.8	U
Hexafluoropropylene oxide dimer acid	NS	NS	0.8	U	0.8	U
N-ethyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.99	U
N-methyl perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoethanol	NS	NS	2	U	1.99	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.4	U	0.4	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.4	U	0.4	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.4	U	0.4	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.4	U	0.4	U
Perfluorobutanesulfonic acid	NS	NS	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.8	U	0.8	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U
Perfluorododecanesulfonic acid	NS	NS	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.11	J	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U
Perfluorononanesulfonic acid	NS	NS	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	440	**0.88**	**1.77**		0.34	
Perfluorooctanoic acid (PFOA)	500	**0.66**	**0.91**		0.2	U
Perfluoropentanoic acid	NS	NS	0.4	U	0.4	U
Perfluoropentansulfonic acid	NS	NS	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U

Table 11
Groundwater Results for Volatile Organic Compounds
Remedial investigation
Former T and J Salvage
2647 Stillwell Avenue, Brooklyn, NY

	AKRF Sample ID	RI-MW-01_20230517	RI-MW-02_20230518	RI-MW-03_20230518	RI-MW-04_20230518	RI-MW-05_20230518
	Laboratory Sample ID	460-280477-1	460-280693-4	460-280693-2	460-280612-2	460-280693-1
	Date Sampled	5/17/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U
Acetone	50	13	5 U	5 U	5 U	5 U
Benzene	**1**	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1.4	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	4.1	0.47 J	**14**	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U

Table 11
Groundwater Results for Volatile Organic Compounds
Remedial investigation
Former T and J Salvage
2647 Stillwell Avenue, Brooklyn, NY

AKRF Sample ID		RI-MW-07_20230517		RI-MW-08_20230517		RI-MW-X1_20230517		RI-MW-09_20230518		RI-MW-10_20230517	
Laboratory Sample ID		460-280477-2		460-280477-3		460-280477-4		460-280693-3		460-280612-1	
Date Sampled		5/17/2023		5/17/2023		5/17/2023		5/18/2023		5/17/2023	
Unit		µg/L		µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		1		1		1		1	
Compound	**AWQSGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	1	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	5	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	5	1	U	3.3		4.4		1	U	1	U
1,2-Dibromo-3-Chloropropane	0.04	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.6	1	U	1	U	1	U	1	U	1	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene (Mesitylene)	5	1	U	3.4		4.3		1	U	1	U
1,3-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	3	1	U	1	U	1	U	1	U	1	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U
Acetone	50	8.8		32		18		5	U	6.6	
Benzene	**1**	1	U	**5.6**		**5.9**		1	U	1	U
Bromochloromethane	5	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	50	1	U	1	U	1	U	1	U	1	U
Bromoform	50	1	U	1	U	1	U	1	U	1	U
Bromomethane	5	1	U	1	U	1	U	1	U	1	U
Carbon Disulfide	60	1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	5	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	5	1	U	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	NS	1	U	1	U	1	U	1	U	1	U
Cyclohexane	NS	1	U	1.8		2.1		1	U	1	U
Dibromochloromethane	50	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	5	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	5	1	U	0.75	J	0.88	J	1	U	1	U
Isopropylbenzene (Cumene)	5	1	U	1	U	0.43	J	1	U	1	U
M,P-Xylenes	**5**	1	U	**9.9**		**12**		1	U	1	U
Methyl Acetate	NS	5	U	5	U	5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	50	5	U	8.3		6.7		5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5	U	2.5	J	1.7	J	5	U	5	U
Methylcyclohexane	NS	1	U	1		1.1		1	U	1	U
Methylene Chloride	5	1	U	1	U	1	U	1	U	1	U
N-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
N-Propylbenzene	5	1	U	1	U	1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	5	1	U	1.2		1.3		1	U	1	U
Sec-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Styrene	5	1	U	1	U	1	U	1	U	1	U
T-Butylbenzene	5	1	U	1	U	1	U	1	U	1	U
Tert-Butyl Methyl Ether	**10**	1	U	3.4		3.4		5.6		3.9	
Tetrachloroethylene (PCE)	5	1	U	1	U	1	U	1	U	1	U
Toluene	5	1	U	0.68	J	0.73	J	1	U	1	U
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	NS	1	U	1	U	1	U	1	U	1	U
Trichloroethylene (TCE)	5	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane	5	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	2	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	NS	2	U	11		14		2	U	2	U

Table 11
Groundwater Results for Volatile Organic Compounds
Remedial investigation
Former T and J Salvage
2647 Stillwell Avenue, Brooklyn, NY

	AKRF Sample ID	RI-FB-01_20230502	RI-FB-01_20230517	RI-TB-01_20230517
	Laboratory Sample ID	460-279369-11	460-280477-5	460-280477-6
	Date Sampled	5/02/2023	5/17/2023	5/17/2023
	Unit	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 UT	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U
Acetone	50	6.6	5 U	5 U
Benzene	**1**	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U
M,P-Xylenes	**5**	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U

Table 12
Groundwater Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-01_20230517	RI-MW-02_20230518	RI-MW-03_20230518	RI-MW-04_20230518	RI-MW-05_20230518	RI-MW-07_20230517
	Laboratory Sample ID	460-280477-1	460-280693-4	460-280693-2	460-280612-2	460-280693-1	460-280477-2
	Date Sampled	5/17/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/17/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	**0.35**	0.27	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 UT	2 U	2 U	2 U	2 U	2 UT
Benzaldehyde	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	4.7 J	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U

Table 12
Groundwater Analytical Results for Semivolatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-08_20230517		RI-MW-X1_20230517		RI-MW-09_20230518		RI-MW-10_20230517		RI-FB-01_20230502		RI-FB-01_20230517	
	Laboratory Sample ID	460-280477-3		460-280477-4		460-280693-3		460-280612-1		460-279369-11		460-280477-5	
	Date Sampled	5/17/2023		5/17/2023		5/18/2023		5/17/2023		5/02/2023		5/17/2023	
	Unit	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	Dilution Factor	1		1		1		1		1		1	
Compound	**AWQSGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane (P-Dioxane)	**0.35**	**0.53**		**0.57**		**1**		0.2	U	0.2	U	0.2	U
2,3,4,6-Tetrachlorophenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
2,4,6-Trichlorophenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	5	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	50	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	10	40	U	40	U	40	U	40	U	40	U	40	U
2,4-Dinitrotoluene	5	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	5	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	10	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	NS	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol (O-Cresol)	NS	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitrophenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
3- And 4- Methylphenol (Total)	NS	10	U	5.9	J	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U
4,6-Dinitro-2-Methylphenol	NS	20	U	20	U	20	U	20	U	20	U	20	U
4-Bromophenyl Phenyl Ether	NS	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-Methylphenol	NS	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl Phenyl Ether	NS	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol (P-Cresol)	NS	10	U	6	J	10	U	10	U	10	U	10	U
4-Nitroaniline	5	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitrophenol	NS	20	U	20	U	20	U	20	U	20	U	20	U
Acenaphthene	20	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	NS	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	NS	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	50	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	7.5	2	UT	2	UT	2	U	2	U	2	UT	2	UT
Benzaldehyde	NS	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)Anthracene	0.002	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(a)Pyrene	ND	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(b)Fluoranthene	0.002	2	U	2	U	2	U	2	U	2	U	2	U
Benzo(g,h,i)Perylene	NS	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)Fluoranthene	0.002	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Butyl Phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U
Biphenyl (Diphenyl)	5	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy) Methane	5	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1	U	1	U	1	U	1	U	1	U	1	U
Bis(2-Chloroisopropyl) Ether	5	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Ethylhexyl) Phthalate	5	2	U	2	U	2	U	2	U	2	U	2	U
Caprolactam	NS	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	NS	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	0.002	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)Anthracene	NS	1	U	1	U	1	U	1	U	1	U	1	U
Dibenzofuran	NS	10	U	10	U	10	U	10	U	10	U	10	U
Diethyl Phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U
Dimethyl Phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U
Di-N-Butyl Phthalate	50	10	U	10	U	10	U	10	U	10	U	10	U
Di-N-Octylphthalate	50	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	50	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	50	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	0.04	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	0.5	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	5	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	5	2	U	2	U	2	U	2	U	2	U	2	U
Indeno(1,2,3-c,d)Pyrene	0.002	2	U	2	U	2	U	2	U	2	U	2	U
Isophorone	50	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	1	U	1	U	1	U	1	U	1	U	1	U
N-Nitrosodi-N-Propylamine	NS	1	U	1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine	50	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	NS	20	U	20	U	20	U	20	U	20	U	20	U
Phenanthrene	50	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	1	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	50	10	U	10	U	10	U	10	U	10	U	10	U

Table 13
Groundwater Analytical Results for Total Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-01_20230524	RI-MW-01_20230524	RI-MW-02_20230518	RI-MW-02_20230518	RI-MW-03_20230518
	Laboratory Sample ID	460-280984-1	460-280984-1	460-280693-4	460-280693-4	460-280693-2
	Date Sampled	5/24/2023	5/24/2023	5/18/2023	5/18/2023	5/18/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	5	1	20	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	521	NR	92.9	NR	442
Antimony	**3**	0.65 J	NR	0.76 J	NR	1.6 J
Arsenic	25	2.9	NR	2.6	NR	8.7
Barium	1,000	263	NR	87.3	NR	290
Beryllium	3	0.8 U	NR	0.8 U	NR	0.8 U
Cadmium	5	2 U	NR	2 U	NR	0.82 J
Calcium	NS	80,200	NR	237,000	NR	114,000
Chromium, Total	50	5.9	NR	4 U	NR	3.7 J
Cobalt	NS	0.88 J	NR	0.87 J	NR	2 J
Copper	200	23.8	NR	9.3	NR	24.8
Iron	**300**	**23,500**	NR	**5,230**	NR	**23,300**
Lead	**25**	**39.1**	NR	20.1	NR	**146**
Magnesium	**35,000**	16,600	NR	NR	**528,000**	24,900
Manganese	**300**	**391**	NR	**954**	NR	**582**
Mercury	0.7	0.097 J	NR	0.2 U	NR	0.2 U
Nickel	100	3.5 J	NR	4.8	NR	32.2
Potassium	NS	23,300	NR	166,000	NR	23,200
Selenium	10	0.75 J	NR	2.5 U	NR	0.53 J
Silver	50	2 U	NR	2 U	NR	2 U
Sodium	**20,000**	NR	**563,000 B**	NR	**4,650,000**	**404,000**
Thallium	0.5	0.8 U	NR	0.8 U	NR	0.8 U
Vanadium	NS	8.3	NR	4 U	NR	2.2 J
Zinc	2,000	42.1	NR	75	NR	367

Table 13
Groundwater Analytical Results for Total Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-04_20230524	RI-MW-05_20230518	RI-MW-07_20230524	RI-MW-08_20230524	RI-MW-X1_20230524
	Laboratory Sample ID	460-280984-3	460-280693-1	460-280984-6	460-280984-4	460-280984-5
	Date Sampled	5/24/2023	5/18/2023	5/24/2023	5/24/2023	5/24/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	595	994	421	469	598
Antimony	**3**	0.81 J	**3.8**	0.98 J	1.3 J	1.6 J
Arsenic	25	2 U	2.8	4.5	5.5	5.2
Barium	1,000	141	30.8	145	373	374
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	0.46 J	0.5 J
Calcium	NS	46,800	33,700	82,600	117,000	113,000
Chromium, Total	50	6	6.1	4 U	2.8 J	4
Cobalt	NS	0.71 J	1.1 J	1.4 J	0.65 J	0.76 J
Copper	200	16	19.1	15.9	34.8	45.1
Iron	**300**	**1,290**	**1,400**	**2,370**	**20,600**	**20,400**
Lead	**25**	**108**	17.6	**104**	**190**	**236**
Magnesium	**35,000**	19,600	10,200	26,500	24,900	23,600
Manganese	**300**	88.2	84.1	**338**	**458**	**440**
Mercury	0.7	0.2 U	0.2 U	0.16 J	0.34	0.47
Nickel	100	6.7	4.1	4.5	4.4	5.7
Potassium	NS	11,400	7,040	14,100	17,400	16,500
Selenium	10	0.63 J	4	2.5 U	0.55 J	0.5 J
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**120,000 B**	**43,400**	**189,000 B**	**139,000 B**	**132,000 B**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	1.9 J	5.5	2 J	2.8 J	3.4 J
Zinc	2,000	204	46.5	157	104	131

Table 13
Groundwater Analytical Results for Total Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-09_20230518	RI-MW-10_20230524	RI-FB-01_20230502	RI-FB-01_20230524
	Laboratory Sample ID	460-280693-3	460-280984-2	460-279369-11	460-280984-7
	Date Sampled	5/18/2023	5/24/2023	5/02/2023	5/24/2023
	Unit	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	801	320	40 U	40 U
Antimony	**3**	1.3 J	2 U	2 U	2 U
Arsenic	25	5	10.7	2 U	2 U
Barium	1,000	197	51.8	4 U	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U
Calcium	NS	74,900	62,200	500 U	34.7 J
Chromium, Total	50	5.2	3 J	4 U	4 U
Cobalt	NS	1.6 J	1.5 J	4 U	4 U
Copper	200	18.4	3 J	4 U	4 U
Iron	**300**	**7,410**	**11,200**	120 U	120 U
Lead	**25**	**78.1**	2	1.2 U	1.2 U
Magnesium	**35,000**	17,200	13,100	200 U	200 U
Manganese	**300**	210	**671**	8 U	8 U
Mercury	0.7	0.2	0.2 U	0.097 J	0.2 U
Nickel	100	7.2	4.7	4 U	4 U
Potassium	NS	33,800	15,400	200 U	74 J
Selenium	10	0.52 J	0.48 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U
Sodium	**20,000**	**118,000**	**321,000 B**	500 U	161 BJ
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4.3	4.1	4 U	4 U
Zinc	2,000	176	46.7	16 U	16 U

Table 14
Groundwater Analytical Results for Dissolved Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-01_20230524	RI-MW-01_20230524	RI-MW-02_20230518	RI-MW-02_20230518	RI-MW-03_20230518
	Laboratory Sample ID	460-280984-1	460-280984-1	460-280693-4	460-280693-4	460-280693-2
	Date Sampled	5/24/2023	5/24/2023	5/18/2023	5/18/2023	5/18/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	4	1	20	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	18.3 J	NR	40 U	NR	40 U
Antimony	**3**	2 U	NR	0.52 J	NR	0.79 J
Arsenic	25	1.9 J	NR	2.5	NR	8
Barium	1,000	267	NR	93.7	NR	250
Beryllium	3	0.8 U	NR	0.8 U	NR	0.8 U
Cadmium	5	2 U	NR	2 U	NR	2 U
Calcium	NS	87,400	NR	261,000	NR	112,000
Chromium, Total	50	4 U	NR	4 U	NR	4 U
Cobalt	NS	0.45 J	NR	0.75 J	NR	1.5 J
Copper	200	4 U	NR	1.1 J	NR	2.9 J
Iron	**300**	**23,900**	NR	**4,990**	NR	**19,700**
Lead	25	1.2 U	NR	1.2 U	NR	0.89 J
Magnesium	**35,000**	19,400	NR	NR	**572,000**	23,700
Manganese	**300**	**429**	NR	**984**	NR	**565**
Mercury	0.7	0.2 U	NR	0.2 U	NR	0.2 U
Nickel	100	1.4 J	NR	4.4	NR	26
Potassium	NS	26,500 B	NR	177,000	NR	22,700
Selenium	10	0.74 J	NR	2.5 U	NR	0.47 J
Silver	50	2 U	NR	2 U	NR	2 U
Sodium	**20,000**	NR	**634,000**	NR	**4,850,000 B**	**386,000**
Thallium	0.5	0.8 U	NR	0.8 U	NR	0.8 U
Vanadium	NS	6.4	NR	4 U	NR	4 U
Zinc	2,000	16 U	NR	22.1	NR	196

Table 14
Groundwater Analytical Results for Dissolved Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-04_20230524	RI-MW-05_20230518	RI-MW-07_20230524	RI-MW-08_20230524	RI-MW-X1_20230524
	Laboratory Sample ID	460-280984-3	460-280693-1	460-280984-6	460-280984-4	460-280984-5
	Date Sampled	5/24/2023	5/18/2023	5/24/2023	5/24/2023	5/24/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	26.1 J	10.1 J	13.6 J	8.3 J
Antimony	**3**	0.65 J	**3.4**	0.71 J	2 U	2 U
Arsenic	25	2 U	2.3	3.8	3.5	3.4
Barium	1,000	50.7	18.8	125	338	341
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	49,900	33,800	90,900	126,000	128,000
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	0.42 J	0.43 J	1.3 J	4 U	4 U
Copper	200	3.9 J	8	1.4 J	4 U	4 U
Iron	**300**	22.1 J	121	**1,560**	**20,200**	**20,600**
Lead	25	2.9	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	21,700	9,960	29,800	27,200	27,000
Manganese	**300**	78.5	54.8	**368**	**472**	**471**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	4.6	4 U	3 J	1.8 J	1.8 J
Potassium	NS	12,800 B	7,100	15,800 B	19,100 B	18,800 B
Selenium	10	0.42 J	4	2.5 U	0.41 J	0.46 J
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**135,000**	**40,600**	**213,000**	**151,000**	**151,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	3.4 J	4 U	4 U	4 U
Zinc	2,000	141	10.1 J	106	16 U	16 U

Table 14
Groundwater Analytical Results for Dissolved Metals
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-09_20230518	RI-MW-10_20230524	RI-FB-01_20230524
	Laboratory Sample ID	460-280693-3	460-280984-2	460-280984-7
	Date Sampled	5/18/2023	5/24/2023	5/24/2023
	Unit	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	12.4 J	12.8 J
Antimony	**3**	0.72 J	2 U	2 U
Arsenic	25	2.3	9.9	2 U
Barium	1,000	197	49.1	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U
Calcium	NS	73,500	69,100	159 J
Chromium, Total	50	4 U	4 U	4 U
Cobalt	NS	0.59 J	1.5 J	4 U
Copper	200	0.96 J	0.56 J	4 U
Iron	**300**	**4,820**	**10,300**	120 U
Lead	25	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	16,600	14,700	14.9 J
Manganese	**300**	186	**740**	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U
Nickel	100	3.5 J	4.1	4 U
Potassium	NS	33,300	17,300 B	92.5 BJ
Selenium	10	1.2 J	0.54 J	2.5 U
Silver	50	2 U	2 U	2 U
Sodium	**20,000**	**112,000**	**367,000**	61.1 J
Thallium	0.5	0.8 U	0.8 U	0.8 U
Vanadium	NS	1.5 J	2.7 J	4 U
Zinc	2,000	16 U	19	16 U

Table 15
Groundwater Analytical Results for Polychlorinated Biphenyls
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

AKRF Sample ID		RI-MW-01_20230517	RI-MW-02_20230518	RI-MW-03_20230518	RI-MW-04_20230518	RI-MW-05_20230518
Laboratory Sample ID		460-280477-1	460-280693-4	460-280693-2	460-280612-2	460-280693-1
Date Sampled		5/17/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 15
Groundwater Analytical Results for Polychlorinated Biphenyls
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-07_20230517	RI-MW-08_20230517	RI-MW-X1_20230517	RI-MW-09_20230518	RI-MW-10_20230517
	Laboratory Sample ID	460-280477-2	460-280477-3	460-280477-4	460-280693-3	460-280612-1
	Date Sampled	5/17/2023	5/17/2023	5/17/2023	5/18/2023	5/17/2023
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 15
Groundwater Analytical Results for Polychlorinated Biphenyls
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-FB-01_20230502	RI-FB-01_20230517
	Laboratory Sample ID	460-279369-11	460-280477-5
	Date Sampled	5/02/2023	5/17/2023
	Unit	µg/L	µg/L
	Dilution Factor	1	1
Compound	**AWQSGV**	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U

Table 16
Groundwater Analytical Results for Pesticides
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

AKRF Sample ID		RI-MW-01_20230517	RI-MW-02_20230518	RI-MW-03_20230518	RI-MW-04_20230518	RI-MW-05_20230518
Laboratory Sample ID		460-280477-1	460-280693-4	460-280693-2	460-280612-2	460-280693-1
Date Sampled		5/17/2023	5/18/2023	5/18/2023	5/18/2023	5/18/2023
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 UT	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 16
Groundwater Analytical Results for Pesticides
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

AKRF Sample ID		RI-MW-07_20230517	RI-MW-08_20230517	RI-MW-X1_20230517	RI-MW-09_20230518	RI-MW-10_20230517
Laboratory Sample ID		460-280477-2	460-280477-3	460-280477-4	460-280693-3	460-280612-1
Date Sampled		5/17/2023	5/17/2023	5/17/2023	5/18/2023	5/17/2023
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 UT	0.02 UT	0.02 UT	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 16
Groundwater Analytical Results for Pesticides
Remedial investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-FB-01_20230502	RI-FB-01_20230517
	Laboratory Sample ID	460-279369-11	460-280477-5
	Date Sampled	5/02/2023	5/17/2023
	Unit	µg/L	µg/L
	Dilution Factor	1	1
Compound	**AWQSGV**	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 UT
Endosulfans ABS	NS	0 U	0 U
Endrin	ND	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-01_20230517	RI-MW-01_20230517	RI-MW-02_20230518
	Laboratory Sample ID	460-280476-1	460-280476-1	460-280692-4
	Date Sampled	17 May 2023	17 May 2023	18 May 2023
	Unit	ppt	ppt	ppt
	Dilution Factor	1	10	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	6.67 U	NR	7.47 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NR	66.7 U	7.47 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	16.7 U	NR	18.7 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	16.7 U	NR	18.7 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	41.7 U	NR	46.7 U
3-Perfluoroheptyl propanoic acid	NS	41.7 U	NR	46.7 U
3-Perfluoropropyl propanoic acid	NS	8.34 U	NR	9.34 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	6.67 U	NR	7.47 U
6:2 Fluorotelomer sulfonate	NS	4.99 J	NR	7.47 U
8:2 Fluorotelomer sulfonate	NS	6.67 U	NR	7.47 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	6.67 U	NR	7.47 U
N-ethyl perfluorooctanesulfonamide	NS	1.67 U	NR	1.87 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.67 U	NR	1.87 U
N-methyl perfluorooctanesulfonamide	NS	1.67 U	NR	1.87 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	3.34 U	NR	3.74 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.34 U	NR	3.74 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.34 U	NR	3.74 U
Perfluoro(2-Propoxypropanoic) Acid	NS	5.7 J	NR	7.47 U
Perfluoro-3-methoxypropanoic acid	NS	1.93 J	NR	3.74 U
Perfluoro-4-methoxybutanoic acid	NS	3.34 U	NR	3.74 U
Perfluorobutanesulfonic acid	NS	5.08	NR	1.85 J
Perfluorobutanoic acid	NS	29.9	NR	4.61 J
Perfluorodecanesulfonic acid	NS	1.67 U	NR	1.87 U
Perfluorodecanoic acid	NS	1.01 J	NR	1.52 J
Perfluorododecanesulfonic acid	NS	1.67 U	NR	1.87 U
Perfluorododecanoic acid	NS	1.67 U	NR	1.87 U
Perfluoroheptanesulfonic acid	NS	1.01 J	NR	0.57 J
Perfluoroheptanoic acid	NS	11.6	NR	3.71
Perfluorohexanesulfonic acid	NS	13.2	NR	5.62
Perfluorohexanoic acid	NS	17.5	NR	3.3
Perfluorononanesulfonic acid	NS	1.67 U	NR	1.87 U
Perfluorononanoic acid	NS	10.1	NR	3.09
Perfluorooctanesulfonamide	NS	0.56 J	NR	0.79 J
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**72.9**	NR	**39.2**
Perfluorooctanoic acid (PFOA)	**6.7**	**102**	NR	**21.6**
Perfluoropentanoic acid	NS	15.3	NR	5.26
Perfluoropentansulfonic acid	NS	1.67 U	NR	1.87 U
Perfluorotetradecanoic acid	NS	1.67 U	NR	1.87 U
Perfluorotridecanoic acid	NS	1.67 U	NR	1.87 U
Perfluoroundecanoic acid	NS	1.67 U	NR	1.87 U

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-03_20230518	RI-MW-03_20230518	RI-MW-04_20230518
	Laboratory Sample ID	460-280692-2	460-280692-2	460-280609-2
	Date Sampled	18 May 2023	18 May 2023	18 May 2023
	Unit	ppt	ppt	ppt
	Dilution Factor	1	10	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	6.82 U	NR	7.44 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	6.82 U	NR	7.44 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	17 U	NR	18.6 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	17 U	NR	18.6 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	42.6 U	NR	46.5 U
3-Perfluoroheptyl propanoic acid	NS	42.6 U	NR	46.5 U
3-Perfluoropropyl propanoic acid	NS	8.52 U	NR	9.31 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	6.82 U	NR	7.44 U
6:2 Fluorotelomer sulfonate	NS	6.82 U	NR	7.44 U
8:2 Fluorotelomer sulfonate	NS	6.82 U	NR	7.44 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	6.82 U	NR	7.44 U
N-ethyl perfluorooctanesulfonamide	NS	1.7 U	NR	1.86 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.7 U	NR	1.86 U
N-methyl perfluorooctanesulfonamide	NS	1.7 U	NR	1.86 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	3.41 U	NR	3.72 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.41 U	NR	3.72 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.41 U	NR	3.72 U
Perfluoro(2-Propoxypropanoic) Acid	NS	3.06 J	NR	7.44 U
Perfluoro-3-methoxypropanoic acid	NS	0.95 J	NR	3.72 U
Perfluoro-4-methoxybutanoic acid	NS	3.41 U	NR	3.72 U
Perfluorobutanesulfonic acid	NS	5.76	NR	2.43
Perfluorobutanoic acid	NS	16.5	NR	4.61 J
Perfluorodecanesulfonic acid	NS	1.7 U	NR	1.86 U
Perfluorodecanoic acid	NS	0.63 J	NR	1.86 U
Perfluorododecanesulfonic acid	NS	1.7 U	NR	1.86 U
Perfluorododecanoic acid	NS	1.7 U	NR	1.86 U
Perfluoroheptanesulfonic acid	NS	3.01	NR	1.86 U
Perfluoroheptanoic acid	NS	19.7	NR	3.29
Perfluorohexanesulfonic acid	NS	16.7	NR	1.52 J
Perfluorohexanoic acid	NS		9.35 J	3.88
Perfluorononanesulfonic acid	NS	1.7 U	NR	1.86 U
Perfluorononanoic acid	NS	14.7	NR	2.97
Perfluorooctanesulfonamide	NS	1.7 U	NR	0.57 J
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**107**	NR	**10.4**
Perfluorooctanoic acid (PFOA)	**6.7**	**142**	NR	**14.2**
Perfluoropentanoic acid	NS	17.3	NR	3.6 J
Perfluoropentansulfonic acid	NS	1.66 J	NR	1.86 U
Perfluorotetradecanoic acid	NS	200 U	NR	1.86 U
Perfluorotridecanoic acid	NS	200 U	NR	1.86 U
Perfluoroundecanoic acid	NS	1.7 U	NR	1.29 J

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-05_20230518	RI-MW-07_20230517	RI-MW-08_20230517
	Laboratory Sample ID	460-280692-1	460-280476-2	460-280476-3
	Date Sampled	18 May 2023	17 May 2023	17 May 2023
	Unit	ppt	ppt	ppt
	Dilution Factor	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	6.79 U	7.6 U	7.08 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	6.79 U	7.6 U	NR
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	17 U	19 U	17.7 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	17 U	19 U	17.7 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	42.4 U	47.5 U	44.2 U
3-Perfluoroheptyl propanoic acid	NS	42.4 U	47.5 U	44.2 U
3-Perfluoropropyl propanoic acid	NS	8.49 U	9.51 U	8.85 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	6.79 U	7.6 U	7.08 U
6:2 Fluorotelomer sulfonate	NS	6.79 U	7.6 U	9.5
8:2 Fluorotelomer sulfonate	NS	6.79 U	7.6 U	7.08 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	6.79 U	7.6 U	7.08 U
N-ethyl perfluorooctanesulfonamide	NS	1.7 U	1.9 U	1.77 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.7 U	1.9 U	1.4 J
N-methyl perfluorooctanesulfonamide	NS	1.7 U	1.9 U	1.77 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	3.39 U	3.8 U	1.84 J
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.39 U	3.8 U	3.54 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.39 U	3.8 U	3.54 U
Perfluoro(2-Propoxypropanoic) Acid	NS	6.79 U	2 J	8.74
Perfluoro-3-methoxypropanoic acid	NS	3.39 U	0.5 J	3.98
Perfluoro-4-methoxybutanoic acid	NS	3.39 U	3.8 U	3.54 U
Perfluorobutanesulfonic acid	NS	2.85	2.58	4.28
Perfluorobutanoic acid	NS	16.2	8.78	12.5
Perfluorodecanesulfonic acid	NS	1.7 U	1.9 U	1.77 U
Perfluorodecanoic acid	NS	1.7 U	1.05 J	1.54 J
Perfluorododecanesulfonic acid	NS	1.7 U	1.9 U	1.77 U
Perfluorododecanoic acid	NS	1.7 U	1.9 U	1.77 U
Perfluoroheptanesulfonic acid	NS	1.7 U	1.9 U	0.41 J
Perfluoroheptanoic acid	NS	9.68	8.81	14
Perfluorohexanesulfonic acid	NS	2.03	2.77	7.77
Perfluorohexanoic acid	NS	14.8	9.88	39.4
Perfluorononanesulfonic acid	NS	1.7 U	1.9 U	1.77 U
Perfluorononanoic acid	NS	2.24	5.11	5.46
Perfluorooctanesulfonamide	NS	1.7 U	1.9 U	0.62 J
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**6.65**	**30.5**	**26**
Perfluorooctanoic acid (PFOA)	**6.7**	**21.7**	**25.4**	**83.6**
Perfluoropentanoic acid	NS	17.2	10.8	16.9
Perfluoropentansulfonic acid	NS	1.7 U	1.9 U	0.99 J
Perfluorotetradecanoic acid	NS	1.7 U	1.9 U	1.77 U
Perfluorotridecanoic acid	NS	1.7 U	1.9 U	1.77 U
Perfluoroundecanoic acid	NS	1.7 U	1.9 U	1.77 U

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-08_20230517	RI-MW-X1_20230517	RI-MW-09_20230518
	Laboratory Sample ID	460-280476-3	460-280476-6	460-280692-3
	Date Sampled	17 May 2023	17 May 2023	18 May 2023
	Unit	ppt	ppt	ppt
	Dilution Factor	10	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NR	7.34 U	NR
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	70.8 U	7.34 U	7.45 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	18.3 U	18.6 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	18.3 U	18.6 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NR	45.9 U	NR
3-Perfluoroheptyl propanoic acid	NS	NR	45.9 U	NR
3-Perfluoropropyl propanoic acid	NS	NR	9.17 U	NR
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NR	7.34 U	NR
6:2 Fluorotelomer sulfonate	NS	NR	7.72	9.34
8:2 Fluorotelomer sulfonate	NS	NR	7.34 U	7.45 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NR	7.34 U	NR
N-ethyl perfluorooctanesulfonamide	NS	NR	1.83 U	1.86 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NR	1.83 U	0.79 J
N-methyl perfluorooctanesulfonamide	NS	NR	1.83 U	1.86 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NR	1.6 J	3.73 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NR	3.67 U	NR
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NR	3.67 U	NR
Perfluoro(2-Propoxypropanoic) Acid	NS	NR	8.07	NR
Perfluoro-3-methoxypropanoic acid	NS	NR	3.2 J	NR
Perfluoro-4-methoxybutanoic acid	NS	NR	3.67 U	NR
Perfluorobutanesulfonic acid	NS	NR	4.52	3.58
Perfluorobutanoic acid	NS	NR	7.34 U	10.1
Perfluorodecanesulfonic acid	NS	NR	1.83 U	1.86 U
Perfluorodecanoic acid	NS	NR	1.59 J	NR
Perfluorododecanesulfonic acid	NS	NR	1.83 U	1.86 U
Perfluorododecanoic acid	NS	NR	1.83 U	NR
Perfluoroheptanesulfonic acid	NS	NR	1.83 U	1.86 U
Perfluoroheptanoic acid	NS	NR	15.9	NR
Perfluorohexanesulfonic acid	NS	NR	6.84	18.3
Perfluorohexanoic acid	NS	NR	34.8	NR
Perfluorononanesulfonic acid	NS	NR	1.83 U	1.86 U
Perfluorononanoic acid	NS	NR	7.02	NR
Perfluorooctanesulfonamide	NS	NR	0.52 J	1.86 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	NR	**24.9**	**24.8**
Perfluorooctanoic acid (PFOA)	**6.7**	NR	**82.9**	**92**
Perfluoropentanoic acid	NS	NR	15.2	NR
Perfluoropentansulfonic acid	NS	NR	0.62 J	0.94 J
Perfluorotetradecanoic acid	NS	NR	1.83 U	200 U
Perfluorotridecanoic acid	NS	NR	1.83 U	200 U
Perfluoroundecanoic acid	NS	NR	1.83 U	NR

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-MW-09_20230518	RI-MW-10_20230517	RI-FB-01_20230502
	Laboratory Sample ID	460-280692-3	460-280609-1	460-279387-12
	Date Sampled	18 May 2023	17 May 2023	02 May 2023
	Unit	ppt	ppt	ppt
	Dilution Factor	10	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	74.5 U	7.8 U	20.6 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NR	7.8 U	20.6 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	19.5 U	17.9 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	19.5 U	17.9 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	466 U	48.8 U	129 U
3-Perfluoroheptyl propanoic acid	NS	466 U	48.8 U	129 U
3-Perfluoropropyl propanoic acid	NS	93.2 U	9.75 U	25.7 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	74.5 U	7.8 U	20.6 U
6:2 Fluorotelomer sulfonate	NS	NR	7.8 U	20.6 U
8:2 Fluorotelomer sulfonate	NS	NR	7.8 U	20.6 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	74.5 U	7.8 U	20.6 U
N-ethyl perfluorooctanesulfonamide	NS	NR	1.95 U	5.15 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NR	1.95 U	5.15 U
N-methyl perfluorooctanesulfonamide	NS	NR	1.95 U	5.15 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NR	3.9 U	10.3 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	37.3 U	3.9 U	10.3 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	37.3 U	3.9 U	10.3 U
Perfluoro(2-Propoxypropanoic) Acid	NS	74.5 U	7.8 U	20.6 U
Perfluoro-3-methoxypropanoic acid	NS	37.3 U	0.91 J	10.3 U
Perfluoro-4-methoxybutanoic acid	NS	37.3 U	3.9 U	10.3 U
Perfluorobutanesulfonic acid	NS	NR	4.4	5.15 U
Perfluorobutanoic acid	NS	NR	12.1	20.6 U
Perfluorodecanesulfonic acid	NS	NR	1.95 U	5.15 U
Perfluorodecanoic acid	NS	18.6 U	1.95 U	5.15 U
Perfluorododecanesulfonic acid	NS	NR	1.95 U	5.15 U
Perfluorododecanoic acid	NS	18.6 U	1.95 U	5.15 U
Perfluoroheptanesulfonic acid	NS	NR	0.93 J	5.15 U
Perfluoroheptanoic acid	NS	11.9 J	7.04	5.15 U
Perfluorohexanesulfonic acid	NS	NR	7.36	5.15 U
Perfluorohexanoic acid	NS	13.1 J	7.68	5.15 U
Perfluorononanesulfonic acid	NS	NR	1.95 U	5.15 U
Perfluorononanoic acid	NS	18.6 U	7.75	5.15 U
Perfluorooctanesulfonamide	NS	NR	1.95 U	5.15 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	NR	**57.5**	5.15 U
Perfluorooctanoic acid (PFOA)	**6.7**	NR	**55.8**	5.15 U
Perfluoropentanoic acid	NS	37.3 U	8.51	10.3 U
Perfluoropentansulfonic acid	NS	NR	0.87 J	5.15 U
Perfluorotetradecanoic acid	NS	NR	1.95 U	5.15 U
Perfluorotridecanoic acid	NS	NR	1.95 U	5.15 U
Perfluoroundecanoic acid	NS	18.6 U	1.95 U	5.15 U

Table 17
Groundwater Analytical Results for PFAS
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

	AKRF Sample ID	RI-FB-01_20230517
	Laboratory Sample ID	460-280476-4
	Date Sampled	17 May 2023
	Unit	ppt
	Dilution Factor	1
Compound	**AWQSGV**	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	7.16 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	7.16 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	17.9 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	17.9 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	44.8 U
3-Perfluoroheptyl propanoic acid	NS	44.8 U
3-Perfluoropropyl propanoic acid	NS	8.95 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	7.16 U
6:2 Fluorotelomer sulfonate	NS	7.16 U
8:2 Fluorotelomer sulfonate	NS	7.16 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	7.16 U
N-ethyl perfluorooctanesulfonamide	NS	1.79 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.79 U
N-methyl perfluorooctanesulfonamide	NS	1.79 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	3.58 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.58 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.58 U
Perfluoro(2-Propoxypropanoic) Acid	NS	7.16 U
Perfluoro-3-methoxypropanoic acid	NS	3.58 U
Perfluoro-4-methoxybutanoic acid	NS	3.58 U
Perfluorobutanesulfonic acid	NS	1.79 U
Perfluorobutanoic acid	NS	7.16 U
Perfluorodecanesulfonic acid	NS	1.79 U
Perfluorodecanoic acid	NS	1.79 U
Perfluorododecanesulfonic acid	NS	1.79 U
Perfluorododecanoic acid	NS	1.79 U
Perfluoroheptanesulfonic acid	NS	1.79 U
Perfluoroheptanoic acid	NS	1.79 U
Perfluorohexanesulfonic acid	NS	1.79 U
Perfluorohexanoic acid	NS	1.79 U
Perfluorononanesulfonic acid	NS	1.79 U
Perfluorononanoic acid	NS	1.79 U
Perfluorooctanesulfonamide	NS	1.79 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	1.79 U
Perfluorooctanoic acid (PFOA)	**6.7**	1.79 U
Perfluoropentanoic acid	NS	3.58 U
Perfluoropentansulfonic acid	NS	1.79 U
Perfluorotetradecanoic acid	NS	1.79 U
Perfluorotridecanoic acid	NS	1.79 U
Perfluoroundecanoic acid	NS	1.79 U

Table 18
Soil Vapor Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

AKRF Sample ID	RI-SV-01_20230505	RI-SV-01_20230505	RI-SV-02_20230505	RI-SV-02_20230505	RI-SV-03_20230505	RI-SV-03_20230505	RI-SV-04_20230505
Laboratory Sample ID	200-68133-1	200-68133-1	200-68133-2	200-68133-2	200-68133-3	200-68133-3	200-68133-4
Date Sampled	5/05/2023	5/05/2023	5/05/2023	5/05/2023	5/05/2023	5/05/2023	5/05/2023
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	100	500	5	25	250	1,200	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	110 U	NR	5.5 U	NR	270 U	NR	1.1 U
1,1,2,2-Tetrachloroethane	140 U	NR	6.9 U	NR	340 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	150 U	NR	7.7 U	NR	380 U	NR	1.5 U
1,1,2-Trichloroethane	110 U	NR	5.5 U	NR	270 U	NR	1.1 U
1,1-Dichloroethane	81 U	NR	4 U	NR	200 U	NR	0.81 U
1,1-Dichloroethene	20 U	NR	1 U	NR	50 U	NR	0.2 U
1,2,4-Trichlorobenzene	370 U	NR	19 U	NR	930 U	NR	3.7 U
1,2,4-Trimethylbenzene	98 U	NR	6.6	NR	250 U	NR	3.4
1,2-Dibromoethane (Ethylene Dibromide)	150 U	NR	7.7 U	NR	380 U	NR	1.5 U
1,2-Dichlorobenzene	120 U	NR	6 U	NR	300 U	NR	1.2 U
1,2-Dichloroethane	81 U	NR	4 U	NR	200 U	NR	0.81 U
1,2-Dichloropropane	92 U	NR	4.6 U	NR	230 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	140 U	NR	7 U	NR	350 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	98 U	NR	2.9 J	NR	250 U	NR	0.92 J
1,3-Butadiene	44 U	NR	7.4	NR	110 U	NR	0.34 J
1,3-Dichlorobenzene	120 U	NR	6 U	NR	300 U	NR	7.2
1,4-Dichlorobenzene	120 U	NR	6 U	NR	300 U	NR	1.2 U
2,2,4-Trimethylpentane	NR	58,000 D	47	NR	NR	200,000 D	85
2-Chlorotoluene	100 U	NR	5.2 U	NR	260 U	NR	1 U
2-Hexanone	200 U	NR	10 U	NR	510 U	NR	2 U
4-Ethyltoluene	98 U	NR	1.9 J	NR	250 U	NR	0.73 J
Acetone	1,200 U	NR	130	NR	3,000 U	NR	NR
Allyl Chloride (3-Chloropropene)	160 U	NR	7.8 U	NR	390 U	NR	1.6 U
Benzene	140	NR	27	NR	160 U	NR	2.3
Benzyl Chloride	100 U	NR	5.2 U	NR	260 U	NR	1 U
Bromodichloromethane	130 U	NR	6.7 U	NR	340 U	NR	1.3 U
Bromoform	210 U	NR	10 U	NR	520 U	NR	2.1 U
Bromomethane	78 U	NR	3.9 U	NR	190 U	NR	0.78 U
Butane	NR	14,000 D	NR	1,600 D	1,800	NR	18
Carbon Disulfide	160 U	NR	220	NR	390 U	NR	53
Carbon Tetrachloride	22 U	NR	1.1 U	NR	55 U	NR	0.22 U
Chlorobenzene	92 U	NR	4.6 U	NR	230 U	NR	0.92 U
Chlorodifluoromethane	130 J	NR	3.1 J	NR	290 J	NR	0.83 J
Chloroethane	130 U	NR	6.6 U	NR	330 U	NR	1.3 U
Chloroform	98 U	NR	4.9 U	NR	240 U	NR	0.98 U
Chloromethane	100 U	NR	5.2 U	NR	260 U	NR	0.52 J
Cis-1,2-Dichloroethylene	20 U	NR	1 U	NR	50 U	NR	0.2 U
Cis-1,3-Dichloropropene	91 U	NR	4.5 U	NR	230 U	NR	0.91 U
Cyclohexane	2,400	NR	14	NR	4,700	NR	2.7
Cymene	110 U	NR	5.5 U	NR	270 U	NR	0.66 J
Dibromochloromethane	170 U	NR	8.5 U	NR	430 U	NR	1.7 U
Dichlorodifluoromethane	250 U	NR	5 J	NR	990	NR	6.5
Ethylbenzene	87 U	NR	9.2	NR	220 U	NR	3.4
Hexachlorobutadiene	210 U	NR	11 U	NR	530 U	NR	2.1 U
Isopropanol	1,200 U	NR	61 U	NR	3,100 U	NR	3.9 J
Isopropylbenzene (Cumene)	98 U	NR	4.9 U	NR	250 U	NR	0.98 U
M,P-Xylenes	160 J	NR	21	NR	540 U	NR	6.3
Methyl Ethyl Ketone (2-Butanone)	150 U	NR	18	NR	370 U	NR	9.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	200 U	NR	10 U	NR	510 U	NR	2 U
Methyl Methacrylate	200 U	NR	10 U	NR	510 U	NR	2 U
Methylene Chloride	170 U	NR	8.7 U	NR	430 U	NR	0.84 J
Naphthalene	260 U	NR	13 U	NR	660 U	NR	2.6 U
N-Butylbenzene	110 U	NR	5.5 U	NR	270 U	NR	1.1 U
N-Heptane	430	NR	150	NR	6,100	NR	6.8
N-Hexane	2,700	NR	460	NR	10,000	NR	12
N-Propylbenzene	98 U	NR	4.9 U	NR	250 U	NR	0.63 J
O-Xylene (1,2-Dimethylbenzene)	75 J	NR	13	NR	220 U	NR	2.9
Sec-Butylbenzene	110 U	NR	5.5 U	NR	270 U	NR	1.1 U
Styrene	85 U	NR	4.3 U	NR	210 U	NR	5
T-Butylbenzene	110 U	NR	5.5 U	NR	270 U	NR	1.1 U
Tert-Butyl Alcohol	640 J	NR	76 U	NR	3,800 U	NR	7.6 J
Tert-Butyl Methyl Ether	72 U	NR	3.6 U	NR	1,100	NR	3.4
Tetrachloroethylene (PCE)	140 U	NR	5.5 J	NR	340 U	NR	29
Tetrahydrofuran	1,500 U	NR	74 U	NR	3,700 U	NR	15 U
Toluene	75 U	NR	45	NR	79 J	NR	8.1
Trans-1,2-Dichloroethene	79 U	NR	4 U	NR	200 U	NR	0.79 U
Trans-1,3-Dichloropropene	91 U	NR	4.5 U	NR	230 U	NR	0.91 U
Trichloroethylene (TCE)	20 U	NR	1 U	NR	50 U	NR	0.2 U
Trichlorofluoromethane	110 U	NR	210	NR	280 U	NR	10
Vinyl Bromide	87 U	NR	4.4 U	NR	220 U	NR	0.87 U
Vinyl Chloride	20 U	NR	1 U	NR	50 U	NR	0.2 U

Table 18
Soil Vapor Analytical Results for Volatile Organic Compounds
Remedial Investigation
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

AKRF Sample ID	RI-SV-04_20230505	RI-SV-05_20230505	RI-SV-05_20230505	RI-SV-06_20230505
Laboratory Sample ID	200-68133-4	200-68133-5	200-68133-5	200-68133-6
Date Sampled	5/05/2023	5/05/2023	5/05/2023	5/05/2023
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	2	1	5	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	1.1 U	NR	1.1 U
1,1,2,2-Tetrachloroethane	NR	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NR	2.2	NR	1.5 U
1,1,2-Trichloroethane	NR	1.1 U	NR	1.1 U
1,1-Dichloroethane	NR	0.83	NR	0.81 U
1,1-Dichloroethene	NR	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	NR	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	NR	6.5	NR	5.2
1,2-Dibromoethane (Ethylene Dibromide)	NR	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	NR	1.2 U	NR	1.2 U
1,2-Dichloroethane	NR	0.81 U	NR	0.81 U
1,2-Dichloropropane	NR	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	NR	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NR	2.1	NR	1.5
1,3-Butadiene	NR	0.33 J	NR	0.44 U
1,3-Dichlorobenzene	NR	11	NR	8
1,4-Dichlorobenzene	NR	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	NR	4.9	NR	0.67 J
2-Chlorotoluene	NR	1 U	NR	1 U
2-Hexanone	NR	2.5	NR	1.2 J
4-Ethyltoluene	NR	1.4	NR	1.2
Acetone	120	NR	260 D	86
Allyl Chloride (3-Chloropropene)	NR	1.6 U	NR	1.6 U
Benzene	NR	8.3	NR	0.48 J
Benzyl Chloride	NR	1 U	NR	1 U
Bromodichloromethane	NR	1.3 U	NR	1.3 U
Bromoform	NR	2.1 U	NR	2.1 U
Bromomethane	NR	0.78 U	NR	0.78 U
Butane	NR	32	NR	1.2
Carbon Disulfide	NR	68	NR	1.7
Carbon Tetrachloride	NR	0.22 U	NR	0.22 U
Chlorobenzene	NR	0.92 U	NR	0.92 U
Chlorodifluoromethane	NR	0.47 J	NR	0.53 J
Chloroethane	NR	1.3 U	NR	1.3 U
Chloroform	NR	2.1	NR	0.83 J
Chloromethane	NR	1 U	NR	1 U
Cis-1,2-Dichloroethylene	NR	0.2 U	NR	0.2 U
Cis-1,3-Dichloropropene	NR	0.91 U	NR	0.91 U
Cyclohexane	NR	3.1	NR	0.69 U
Cymene	NR	0.86 J	NR	0.44 J
Dibromochloromethane	NR	1.7 U	NR	1.7 U
Dichlorodifluoromethane	NR	2.7	NR	2.7
Ethylbenzene	NR	5	NR	1.9
Hexachlorobutadiene	NR	2.1 U	NR	2.1 U
Isopropanol	NR	6.4 J	NR	12 U
Isopropylbenzene (Cumene)	NR	0.98 U	NR	0.32 J
M,P-Xylenes	NR	9.5	NR	7.3
Methyl Ethyl Ketone (2-Butanone)	NR	66	NR	7.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NR	10	NR	0.61 J
Methyl Methacrylate	NR	2 U	NR	2 U
Methylene Chloride	NR	1.7 U	NR	1.7 U
Naphthalene	NR	2.6 U	NR	2.6 U
N-Butylbenzene	NR	1.1 U	NR	1.1 U
N-Heptane	NR	19	NR	1.3
N-Hexane	NR	13	NR	0.5 J
N-Propylbenzene	NR	1.1	NR	0.85 J
O-Xylene (1,2-Dimethylbenzene)	NR	6.4	NR	3.4
Sec-Butylbenzene	NR	0.44 J	NR	0.3 J
Styrene	NR	0.85 U	NR	0.85 U
T-Butylbenzene	NR	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	NR	15	NR	10 J
Tert-Butyl Methyl Ether	NR	2.9	NR	0.72 U
Tetrachloroethylene (PCE)	NR	2.6	NR	3.7
Tetrahydrofuran	NR	15 U	NR	15 U
Toluene	NR	15	NR	10
Trans-1,2-Dichloroethene	NR	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	NR	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	NR	0.2 U	NR	0.2 U
Trichlorofluoromethane	NR	9.5	NR	50
Vinyl Bromide	NR	0.87 U	NR	0.87 U
Vinyl Chloride	NR	0.2 U	NR	0.2 U

Tables 2-18
Remedial Investigation
Notes
Former T and J Salvage
2647 Stillwell Ave, Brooklyn, NY

DEFINITIONS

B : The analyte was found in an associated blank, as well as in the sample.

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J : The concentration given is an estimated value.

ND : The standard is a non-detectable concentration by the approved analytical method.

NR : Not reported.

NS : No standard.

P : Indicates a pesticide/aroclor target analyte had a percent difference greater than 25% between the two gc columns. The lower of the two results is reported.

T : Indicates that a quality control parameter has exceeded laboratory limits.

U : The analyte was not detected at the indicated concentration.

mg/kg : milligrams per kilogram

ppb : parts per billion

ppt : parts per trillion

µg/L : micrograms per liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Commercial Soil Cleanup Objectives (CSCOs) are highlighted in bold font.
Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in gray shading.

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values are highlighted in bold font.
Exceedances of NYSDEC PFAS Commercial Guidance Values are highlighted in gray shading.
Exceedances of NYSDEC PFAS Groundwater Screening Levels are highlighted in bold italic font.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

DUPLICATES

RI-SB-X1_20230502 is a blind duplicate of sample RI-SB-04_2-4_20230502
RI-SB-X2_20230504 is a blind duplicate of sample RI-SB-02_5-7_20230504
RI-MW-X1_20230517 is a blind duplicate of sample RI-MW-08_20230517
RI-MW-X1_20230524 is a blind duplicate of sample RI-MW-08_20230524

APPENDIX A
PREVIOUS ENVIRONMENTAL REPORTS

APPENDIX B
GEOPHYSICAL INVESTIGATION REPORT

Accu-Scan GPR

UTILITY LOCATING SURVEY PROJECT SUMMARY REPORT

Date: May 1, 2023

2647 STILLWELL BROOKLYN NY 11223

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AKRF
440 Park Avenue South
New York, NY 10016

Attn: to whom it concerns

RE: Utility Locating Survey at the 2647 Stillwell Avenue Brooklyn, NY Project on May 1, 2023

I would like to thank you once again for the opportunity to work with you on the Utility Locating project at the Brooklyn site; our objective was to investigate proposed boring locations for any utilities prior to drilling. The general areas for GPR scanning were pre-selected and marked.

MATERIALS

Electromagnetic Detection Cable & Pipe Locator RD7000PL & TX-3 Transmitter for identifying buried cables/pipes. Sensors & Software Noggin GPR System with a 250MHZ Antenna.

METHODS

A visual inspection was performed within each area to search for utility poles, utility vaults, manholes, handholes, catch basins, drains, conduits, cleanouts, water valves, gas valves, tank pads, and vents located within or near the survey area. A visual inspection was also performed in the basement of each building surrounding each area to search for utilities exiting in the basement. The cable & pipe locator in Active Mode was performed within each area by directly applying a signal to an electrical conduit, telecommunication conduit, fire hydrants, water shut-off valves, ground wires, and metallic drain lines. A detectable duct rodder was inserted within all accessible non-metallic drains, storm sewer, and sanitary sewer lines that appeared to run through the survey area at a depth less than 6ft. Passive Mode with the Cable & Pipe Locator was performed to search for inaccessible high voltage electric & telecommunications lines. GPR scans were performed to more accurately determine the location and depth of each line and to search for non-metallic line, unknown, and abandoned utilities.

RESULTS

As requested, Accu-Scan GPR Corp. provided utility locating services using a combination of GPR and Electromagnetic Detection technology to map underground utilities on (30) proposed boring locations. Underground Utilities were marked with paint and/or flags using the standard American Public Works Association (APWA) Color Codes. Electric is marked in Red, Telecommunications is marked in Orange, Water is marked in Blue, Gas is marked in Yellow, Drains, Storm Sewer, and Sanitary Sewer is marked in Green, and Unknown lines are marked in Pink. The results of the survey will be discussed further in to detail which will consist of on-site images, methods of detection, GPR data collected, and brief descriptions of findings.

Red	Electric power lines, cables, conduit and lighting cables
Yellow	Gas, oil, steam, petroleum or gaseous materials
Orange	Communication, alarm or signal lines, cables or conduit
Blue	Potable water
Purple	Reclaimed water, irrigation and slurry lines
Green	Sewers and drain lines
Pink	Temporary survey markings
White	Proposed excavating

Electromagnetic Detection Line Locating Techniques (Conduction): The successful detection of underground utilities is dependent primarily upon the composition and construction of the line of interest, and depth of burial. When using the EMLL techniques in the conduction mode, the utilities must be exposed at the surface or in accessible utility vaults close to the survey area. Utilities detectable with this technique include most continuously connected metal pipes, cables/wires or non-metallic utilities with tracer wires. Such utilities generally include water, electric, natural gas, telephone, and other conduits related to facility operations. Utilities that may not be detectable using these techniques include certain abandoned utilities, utilities not exposed at the ground surface, or those made of non-electrically conductive materials such as PVC, fiberglass, vitrified clay, and metal pipes with insulating joints. Pipes generally deeper than about five feet may not be detected. The detection of underground utilities using the conduction mode is also dependent upon the proximity of those utilities to other subsurface utilities and/or above ground cultural objects. Nearby buried utilities can mask or distort signals associated with the utility in questions. For example, if several utilities are buried in a common trench or in close proximity to one another, the signal applied to one utility can couple to the adjacent utility. This can lead to an error in the marked position of the utility in question, or to delineating the wrong utility altogether. In addition, when coupling of nearby utilities takes place, shallow utilities will generally produce a stronger response than adjacent deeper utilities. Therefore, shallow utilities buried over deeper utilities will generally mask effects from the deeper utilities. Besides buried utilities, above ground metal objects can also be affected by coupling of the conducted signal. These objects include rebar in concrete, railroad spurs, and above ground pipe alignments. Typically, subsurface utilities located beneath or near these features are difficult to accurately detect or delineate.

Electromagnetic Detection Line Locating Techniques (Passive): The ability to detect passive signals associated with 60 Hz electric lines is dependent upon the current flowing through the line. The passive signal strength has nothing to do with voltage. It is the current flowing through the line that produces the magnetic field, which in turn is detected by the locator. If an electric line is energized at high voltage, but the load is switched off, there is nowhere for current to flow. Without current flow, there will be no detectable power signal. This results in a line that will not be detected by the locating equipment, but still remains very dangerous if contacted by an excavator, auger, or metal pile.

Electromagnetic Detection Line Locating Techniques (Induction): The detection of buried metal utilities, using the handheld induction technique, is dependent upon the size of the utility, its depth of burial, and its proximity to above ground metal objects. As the size or diameter of the buried metal utility decreases, the depth at which it can be detected also decreases. For example, a relatively large utility such as a corrugated steel drain line, can be detected at depths of 3 to 4 feet. However, a smaller utility, such as an electric line associated with street lights, may be detected only at depths of 1 to 2 feet. In addition, the ability to detect a buried metal utility is also based on its proximity to above ground metal objects or structure. Cultural features such as chain link fences, buildings, debris, railroad spurs, guard rails, other utilities, etc. may produce a response that can mask effects from the nearby buried metal utility

.

Ground Penetrating Radar Limitations: As with any other geophysical technique, GPR performance is site specific and it is unsuitable for use at some locations. Expected subsurface conditions and the target composition, location and size should be taken into account. GPR anomalies rely on a detectable contrast in subsurface electrical properties between the target of interest and its surrounding material. In the absence of a detectable contrast, no anomaly will be evident. GPR signal cannot penetrate through highly conductive material e.g., beneath metal sheets or very wet ground or in material saturated with salt water or highly conductive fluid. Velocity – depth calibration should always be carried out to obtain satisfactory depth estimates. GPR data processing and interpretation can be complicated - specialized geophysical analysis and interpretation is often required. GPR is unsuited to absolute measurement, e.g., it can find wet areas, but cannot determine actual moisture content. GPR is an interpretive method, based on the identification of reflectors, which may not uniquely identify an object. Additional constraining information from ground truthing or other geophysical methods is important to help resolve any ambiguities. In common with all surface geophysical methods GPR is inherently limited by decreasing resolution with depth.

Weather Conditions: Because moisture raises the conductivity of the ground, especially clay soil and silt, deep snow and rain can be a factor in utility locating. Once the radar touches any ground holding moisture, it bounces right back. This makes it tough to read anything past that water table. Therefore, during wet weather conditions are not ideal to do any type of locating.

Surface Area Clearance of Obstacles: The surface being scanned becomes a factor for GPR data when the terrain is rough enough to cause the equipment to separate from the surface more than 2 to 3 inches. The quality of the data when this happens is then compromised. Ideally, the surface needs to be reasonably flat with a good amount of clearance. Obstacles, like trees and bushes, are mainly factors that can cause a delay in the time.

Limitations of Technology with Certain Materials: There are certain materials that are much more conductive and easily located than others. Metal, for example, is highly conductive, and PVC or plastic has no conductivity, which makes it more challenging to locate. PVC and other non-metallic objects do not show a signal, but rather the signal can show something inside the pipe, like air or water. The size of the PVC does impede the ability for the radar to read if it is smaller, like a 1" line. This is because the radar used is for utility locating is typically one that is too large to "see" a line that is that small.

Identity of Target: GPR cannot tell the type or material of the buried utility line. Must be verified by potholing or tracing the utility line structure to structure. No excavation should take place outside of Utility Locating Survey area specified by client. The tolerance zone is defined as A) 2ft. on either side of the designated center line of the facility if the diameter is not provided. B) 2ft. from each outside edge of the diameter is provided.

74-03 71st Avenue Middle Village, NY 11379 Tel: 718.569.8557 Fax: 718.575.2269

2647 Stillwell Avenue GPR Results: On the following project summary report images taken on-site, GPR data collected, a brief description of findings will be provided. Ground penetrating radar was the primary technology used to investigate each proposed bore location for utilities. The secondary technology used was Electromagnetic detection, which requires a physical connection to a known utility for tracing. EM Detection locators are equipped with a passive power/radio mode for sensing electrical current and metallic pipes. All utilities detected in proposed bore locations were marked with either pink spray paint or flags.

Boring Location 1

74-03 71st Avenue Middle Village, NY 11379 Tel: 718.569.8557 Fax: 718.575.2269

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Bore Location #7

2647 Stillwell Avenue GPR Results: On the following project summary report images taken on-site, GPR data collected, a brief description of findings will be provided. Ground penetrating radar was the primary technology used to investigate each proposed bore location for utilities. The secondary technology used was Electromagnetic detection, which requires a physical connection to a known utility for tracing. EM Detection locators are equipped with a passive power/radio mode for sensing electrical current and metallic pipes. All utilities detected in proposed bore locations were marked with either pink spray paint or flags.

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2647 Stillwell Avenue GPR Results: On the following project summary report images taken on-site, GPR data collected, a brief description of findings will be provided. Ground penetrating radar was the primary technology used to investigate each proposed bore location for utilities. The secondary technology used was Electromagnetic detection, which requires a physical connection to a known utility for tracing. EM Detection locators are equipped with a passive power/radio mode for sensing electrical current and metallic pipes. All utilities detected in proposed bore locations were marked with either pink spray paint or flags.

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Bore Location #11

2647 Stillwell Avenue GPR Results: On the following project summary report images taken on-site, GPR data collected, a brief description of findings will be provided. Ground penetrating radar was the primary technology used to investigate each proposed bore location for utilities. The secondary technology used was Electromagnetic detection, which requires a physical connection to a known utility for tracing. EM Detection locators are equipped with a passive power/radio mode for sensing electrical current and metallic pipes. All utilities detected in proposed bore locations were marked with either pink spray paint or flags.

APPENDIX C
OUTFALL INSPECTION PHOTOGRAPHS

Photograph 1: Stormwater outfall, as seen from Coney Island Creek; view facing north.

Photograph 2: Stormwater outfall; view facing northwest.

Photograph 3: Close-up view of outfall.

Photograph 4: Stormwater outfall and surrounding debris.

APPENDIX D
SOIL BORING LOGS AND GROUNDWATER MONITORING WELL CONSTRUCTION LOGS

SOIL BORING AND WELL INSTALLATION LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Groundwater Monitoring Well ID: Sheet 1 of 1	**RI-MW-01**	Soil Boring ID:	**RI-SB-01**

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	52 °F, Partly Cloudy
Logged by:	M. Bates, AKRF

Drilling

Start Time: 0855 | **Finish Time: 0940**

Date: 5/1/2023

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		**Flush-mounted well cover, locking j-plug, and concrete seal: grade to 0.5' below grade.**		Top 2':CONCRETE.			11.4		RI-SB-01_0-2_20230501
2		**Non-shrinking cement grout: 0' to 1' below grade.**		Next 24": Dark brown SAND, some Silt, Concrete, little Asphalt (FILL).			7.1		
3		**Bentonite seal: 1' to 3' below grade**	51		ND	Dry		ND	RI-SB-01_2-4_20230501
4		**2" diameter PVC well casing: 0' to 5' below grade**		Bottom 25": Light brown SAND, some Silt, little Concrete, Asphalt (Fill).			0.3		
5									
6							3.4		
7				Top14":Brown SAND, some Crushed Concrete, little Silt (FILL).		Dry			
8		**0.020-inch slotted PVC well screen: 5' to 20' below grade**	44	Next12": CRUSHED CONCRETE (FILL).	ND		2.5	ND	
9		**No. 2 morie sandpack filter: 3' to 20' below grade**		Bottom 18": Brown SAND, some Silt, little Concrete, Brick (FILL).		Moist @ 8.5'	1.9		RI-SB-01_9-11_20230501
10									
11						Moist			
12				Top 9": Brown SAND, some Silt, Little Concrete (FILL).			2.4		
13			55	Next 20": Brown SAND, some Silt, Wood, little Brick (FILL).	ND	Wet @ 11'	0.4	ND	
14				Next 10":Brown SAND AND SILT, some Clay, little Wood (FILL).					
15				Bottom 6": Brown to gray SAND, little Silt.			0.2		
16									
17									
18			60	Brown to gray SAND, little Silt.	ND	Wet	0.2	ND	
19									
20									

Notes: ▼ **Groundwater Depth Indicator**

Groundwater measured at 9.01' below grade in RI-MW-01 on 5/17/23.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.

Groundwater encountered at approximately 11 feet below grade during soil boring installation.

End of soil boring at 20 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Groundwater Monitoring Well ID: Sheet 1 of 1	RI-MW-02	Soil Boring ID:	RI-SB-02

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	52 °F, Partly Cloudy/ Light Rain
Logged by:	M. Bates, AKRF

Drilling

Start Time: 0815 | Finish Time: 9:00

Date: 5/4/2023

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		Flush-mounted well cover, locking j-plug, and concrete seal: grade to 0.5' below grade.	42	Top 20': CRUSHED CONCRETE (FILL). Next 22": Light brown SAND, some Silt, fine Gravel, little Asphalt, Brick (FILL).	ND	Dry	1.2	ND	RI-SB-02_0-2_20230501
2		Non-shrinking cement grout: 0' to 1' below grade.							
3		Bentonite seal: 1' to 3' below grade					2.1		
4		2" diameter PVC well casing: 0' to 5' below grade					0.9		
5							0.6		
6			49	Top14": Light brown SAND, some Silt, fine Gravel, little Asphalt, Brick (FILL). Next 7": CRUSHED CONCRETE AND BRICK (FILL). Bottom 28": Dark brown SAND AND SILT, some fine Gravel, little Asphalt,Wood, Brick (FILL).	ND	Dry	2.9	ND	RI-SB-02_5-7_20230504
7		0.020-inch slotted PVC well screen: 5' to 20' below grade					0.4		
8							1.3		
9		No. 2 morie sandpack filter: 3' to 20' below grade					1.6		
10							2.1		RI-SB-02_8-10_20230504
11			49	Top 17": Dark brown SAND AND SILT, some fine Gravel, little Asphalt,Wood, Brick (FILL). Next 6": Dark brown SAND AND SILT, little Clay, Organics (FILL). Bottom 26": Brown SAND, little Silt.	ND Slight Petroleum-like Odor	Wet @ 10'	2.3	ND	RI-SB-02_13_20230504
12							10		
13									
14							3.2		
15							1.4		
16			60	Brown to gray SAND, little Silt.	Slight Petroleum-like Odor	Wet	0.3	ND	
17									
18							0.2		
19									
20							0.1		

Notes:

▼ Groundwater Depth Indicator

Groundwater measured at 8.44' below grade in RI-MW-02 on 5/18/23.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.

Groundwater encountered at approximately 10 feet below grade during soil boring installation.

End of soil boring at 20 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Groundwater Monitoring Well ID: Sheet 1 of 1	RI-MW-03	Soil Boring ID:	RI-SB-03

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Sunny
Logged by:	M. Bates, AKRF

Drilling

Start Time: 0850 | **Finish Time: 1000**

Date: 5/3/2023

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		**Flush-mounted well cover, locking j-plug, and concrete seal: grade to 0.5' below grade.**	47	Top 3"":Crushed Concrete	ND	Dry	0.3	ND	RI-SB-03_0-2_20230503
2		**Non-shrinking cement grout: 0' to 1' below grade.**		Next 7": Light brown SAND, some Silt, fine Gravel, little Brick, Glass, Metal (FILL).			0.6		
3		**Bentonite seal: 1' to 3' below grade**		Next 37": Dark brown SAND, some Silt, fine Gravel, Asphalt, little Brick, Concrete, trace Metal (FILL).			22.4		RI-SB-03_2-4_20230503
4					Slight Solvent-like Odor		10.8		
5		**2" diameter PVC well casing: 0' to 5' below grade**					17.6		
6			29	Dark brown SAND, some Silt, fine Gravel, Asphalt, little Brick, Concrete, trace Metal (FILL).	Slight Solvent-like Odor	Dry	12.5	NA	
7									
8		**0.020-inch slotted PVC well screen: 5' to 20' below grade**							
9		**No. 2 morie sandpack filter: 3' to 20' below grade**							RI-SB-03_8-10_20230503
10	▼								
11			10	Brown SAND, some Silt, fine Gravel, little Asphalt, Brick (FILL).	ND	Wet @ 10'	0.9	ND	
12									
13									
14							0.5		
15									
16			60	Brown SAND, little Silt.	ND	Wet	0.1	ND	
17									
18							0.2		
19									
20							0.1		

Notes: ▼ **Groundwater Depth Indicator**

Groundwater measured at 9.96' below grade in RI-MW-03 on 5/18/23.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.

Groundwater encountered at approximately 10 feet below grade during soil boring installation.

End of soil boring at 20 feet below grade.

PID = photoionization detector **NAPL = non-aqueous phase liquid** **ppm = parts per million** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Groundwater Monitoring Well ID: Sheet 1 of 1	RI-MW-04	Soil Boring ID:	RI-SB-04

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	52 °F, Partly Cloudy
Logged by:	M. Bates, AKRF

Drilling
Start Time: 1245 | Finish Time: 1330
Date: 5/2/2023

Depth (feet)	Well Construction	Surface Condition: Concrete	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1–5	Flush-mounted well cover, locking j-plug, and concrete seal: grade to 0.5' below grade. Non-shrinking cement grout: 0' to 1' below grade. Bentonite seal: 1' to 3' below grade 2" diameter PVC well casing: 0' to 5' below grade		42	Top 13": CRUSHED CONCRETE. Next 29": Brown SAND, some Silt, fine Gravel, little Crushed Concrete, Brick, Asphalt (FILL).	Slight Solvent-like Odor	Dry	203 53.4 20.6	ND	RI-SB-04_0-2_20230502 RI-SB-04_2-4_20230502
6–10	0.020-inch slotted PVC well screen: 5' to 20' below grade No. 2 morie sandpack filter: 3' to 20' below grade		30	Top14": Brown SAND, some Silt, fine Gravel, little Crushed Concrete, Brick, Asphalt (FILL). Next 13": Brown SAND AND CONCRETE, some fine Gravel, little Silt, Asphalt (FILL). Bottom 3": Brown SAND, some Silt.	Slight Solvent-like Odor	Dry	2.6 6.8 1.4	ND	RI-SB-04_8-10_20230502
11–15			48	Top 12": Brown SAND, some Silt, little fine Gravel. Next 10": Brown SAND, little Silt. Bottom 26": Brown SAND, little Silt.	ND	Wet @ 10'	0.4 0.2	ND	
16–20			60	Brown SAND, little Silt.	ND	Wet	0.2 0.2 0.1	ND	

Notes: ▼ Groundwater Depth Indicator

Groundwater measured at 9.23' below grade in RI-MW-04 on 5/18/23.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.

Groundwater encountered at approximately 10 feet below grade during soil boring installation.

End of soil boring at 20 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

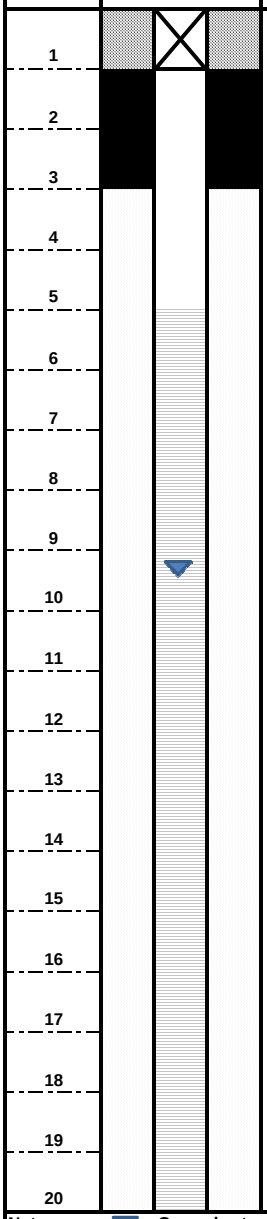
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Groundwater Monitoring Well ID:	RI-MW-05	Soil Boring ID:	RI-SB-05
		Sheet 1 of 1			

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Partly Cloudy
Logged by:	M. Bates, AKRF

Drilling
Start Time: 1150 | Finish Time: 1230
Date: 5/3/2023



Well Construction

Surface Condition: Concrete

Flush-mounted well cover, locking j-plug, and concrete seal: grade to 0.5' below grade.

Non-shrinking cement grout: 0' to 1' below grade.

Bentonite seal: 1' to 3' below grade

2" diameter PVC well casing: 0' to 5' below grade

0.020-inch slotted PVC well screen: 5' to 20' below grade

No. 2 morie sandpack filter: 3' to 20' below grade

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 11": CRUSHED CONCRETE. Next 29": Brown SAND, some Silt, fine Gravel, little Crushed Concrete, Brick, Asphalt (FILL).	ND	Dry	ND	ND	RI-SB-05_0-2_20230503
2							
3					0.2		
4							
5					0.3		
6	42	Top12": Brown SAND, some Silt, fine Gravel, little Crushed Concrete, Brick, Asphalt (FILL). Next 10": CRUSHED CONCRETE AND BRICK (FILL). Bottom 20": Brown SAND, some Silt, Concrete, little Glass, Brick, Asphalt (FILL).	Slight Solvent-like Odor	Dry	0.2	ND	RI-SB-05_5-7_20230503
7							
8							
9					0.3		RI-SB-05_8-10_20230503
10							
11	29	Brown SAND, little Silt.	ND	Wet @10'	0.2	ND	
12							
13					0.1		
14							
15					0.2		
16	60	Brown SAND, little Silt.	ND	Wet	0.1	ND	
17							
18							
19					0.2		
20							

Notes:
Groundwater Depth Indicator

Groundwater measured at 9.5' below grade in RI-MW-05 on 5/18/23.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.

Groundwater encountered at approximately 10 feet below grade during soil boring installation.

End of soil boring at 20 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG	Former T&J Salvage 2647 Stillwell Avenue, Brooklyn, NY AKRF Project Number: 220241	Soil Boring ID: Sheet 1 of 1	**RI-SB-06**

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1030 **Finish Time: 1100**
Date: 5/1/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	40	Top 11" Brown SAND, some Concrete, Brick, little Ashpalt (FILL). Next 29": Brown SAND, some Silt, little Concrete, Asphalt, Brick (FILL).	ND	Dry	16.2	ND	SB-06_0-2_20230501
2							
3					5.9		
4							
5					1		
6	42	Top 4": CRUSHED CONCRETE (FILL). Next 28": Brown SAND, some Silt, little Concrete, Ashpalt, Brick (FILL). Bottom 10": Brown SAND AND SILT, little Brick, Concrete, trace Clay (FILL).	ND	Dry	28.3	ND	SB-06_5-7_20230501
7							
8					29.5		
9							SB-06_7-9_20230501
10					0.5		
11	35	Brown SAND, little Silt.	ND	Wet @ 9'	0.1	ND	
12							
13					0.3		
14							
15					0.1		
16							
17							
18							
19							
20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 9 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-07**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1125 **Finish Time: 1230**
Date: 5/1/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	27	Top 11" CONCRETE (FILL). Next 16": Brown SAND, some Silt, Concrete, little Brick, Asphalt, trace fine Gravel (FILL).	ND	Dry	16.2 5.9 1	ND	SB-07_0-2_20230501
6	42	Top 4": CRUSHED CONCRETE (FILL). Next 28": Brown SAND, some Silt, little Concrete, Ashpalt and Brick (FILL). Bottom 10": Brown SAND AND SILT, little Brick, Concrete, trace Clay (FILL).	ND	Dry Moist @ 6.5'	0.5 0.3 0.3	ND	SB-07_5-7_20230501 SB-07_8-10_20230501
11	35	Brown SAND AND SILT, little Brick Concrete, trace Clay (FILL).	ND	Wet @ 10'	0.1 0.3 0.1	ND	
16							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-08**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1330 **Finish Time: 1415**
Date: 5/1/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	37	Top 8": CONCRETE.	ND	Dry	1.4	ND	SB-08_0-2_20230501
2		Next 12": Brown SAND, some Silt, little fine Gravel, Concrete (FILL).					
3		Next 7": CRUSHED CONCRETE (FILL).			18.4		
4		Bottom 10": Brown SAND, some Silt, little fine Gravel, Concrete (FILL).	Slight Solvent-like Smell		108.6		SB-08_2-4_20230501
5							
6	40	Top 6": Brown SAND AND CONCRETE (FILL).	ND	Dry	2.1	ND	SB-08_8-10_20230501
7		Next 11": Brown SAND AND SILT, some Rubber, Brick, little Concrete (FILL).					
8		Next 13": Gray SAND, some Silt, little Asphalt, Crushed Concrete (FILL).			1.5		
9		Bottom 10": Brown SAND, some Silt.					
10					1.2		
11	52	Brown SAND, little Silt.	ND	Wet @ 10'	1.1	ND	
12							
13					0.3		
14							
15					0.2		
16							
17							
18							
19							
20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-09**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	50 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1055 **Finish Time: 1110**
Date: 5/2/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 23": CRUSHED CONCRETE (FILL). Next 12": Brown SAND, some Silt, fine Gravel, little Brick crushed Concrete, trace Glass (FILL).	ND	Dry	0 6.5 3.4	ND	SB-09_0-2_20230502
6 7 8 9 10	31	Top 8": Brown SAND, some Silt, fine Gravel, little Brick crushed Concrete, trace Glass (FILL). Next 23": Brown SAND, some fine Gravel, little Silt, Brick, Asphalt (FILL).	ND	Dry	2.7 7.6 4.6	ND	SB-09_6-8_20230502 SB-09_8-10_20230502
11 12 13 14 15	57	Brown SAND, little Silt.	ND	Wet @ 10'	0.2 0.2 0.1	ND	
16 17 18 19 20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-10**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	50 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1300 **Finish Time: 1315**
Date: 5/3/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 14": CRUSHED CONCRETE (FILL). Next 21": Brown SAND, some Silt, Concrete, fine Gravel, trace Wood, Brick, Asphalt (FILL).	ND	Dry	ND ND ND	ND	SB-010_0-2_20230503
6	60	Top 37": Brown SAND, some fine Gravel, Brick, Crushed Concrete, little Wood, Asphalt, Silt (FILL). Next 23": Brown SAND, some fine Gravel, little Silt, Brick, Asphalt (FILL).	ND	Dry	0.5 1.7 0.3	ND	SB-010_6-8_20230503 SB-010_8-10_20230502
11	60	Brown SAND, little Silt.	No Odor	Wet @ 10'	0.2 0.2 0.1	ND	
16							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage	**Soil Boring ID:**
2647 Stillwell Avenue, Brooklyn, NY	**Sheet 1 of 1**
AKRF Project Number: 220241	**RI-SB-11**

AKRF

440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	55 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling

Start Time: 0900 | **Finish Time: 0930**

Date: 5/2/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 15": Brown SAND, some Silt, little Concrete (FILL). Next 20": Brown SAND, some Silt, little Asphalt, Wood, Concrete, Brick (FILL).	ND	Dry	1.3	ND	SB-11_0-2_20230502
2							
3					4		
4							SB-11_2-4_20230502
5					ND		
6	37	Brown SAND, some Silt, Brick, Concrete, little Asphalt (FILL).	ND	Dry	3.1	ND	SB-11_8-10_20230502
7							
8					2.4		
9							
10					10.6		
11	45	Brown SAND, little Silt.	ND	Wet @ 10'	0.2	ND	
12							
13					0.3		
14							
15					0.4		
16							
17							
18							
19							
20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-12**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Hand tools
Sampling Method:	Auger
Driller:	N/A
Weather:	50 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling

Start Time: 1300 **Finish Time: 1315**

Date: 5/3/23

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	24	Brown SAND, little Silt, Organics.	ND	Saturated	ND	ND	RI-SB-12_0-2_20230503
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Sample surface was at the water table.
End of soil boring at 2 feet below grade.

PID = photoionization detector **ppm = parts per million** **NAPL = non-aqueous phase liquid** **ND = not detected**

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-13**

Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Hand tools
Sampling Method:	Auger
Driller:	N/A
Weather:	50 °F, Partly Cloudy
Logged By:	Mike Bates, AKRF

Drilling

Start Time: 1317 **Finish Time: 1325**

Date: 5/3/23

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1 - 2	24	Brown SAND, little Silt, Organics.	ND	Saturated	ND	ND	RI-SB-13_0-2_20230503
3 - 5							
6 - 10							
11 - 15							
16 - 20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Sample surface was at the water table.
End of soil boring at 2 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

Former T&J Salvage
2647 Stillwell Avenue, Brooklyn, NY
AKRF Project Number: 220241

Soil Boring ID: **RI-SB-14**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe
Sampling Method:	5' Acetate Liner
Driller:	Eastern
Weather:	52 °F, Light Rain
Logged By:	Mike Bates, AKRF

Drilling
Start Time: 1200 **Finish Time:**
Date: 5/4/23

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 15": CONCRETE. Next 20": Brown SAND, some Silt, fine Gravel, Little Asphalt, Concrete, Brick (FILL).	ND	Dry	0.2 1.4 1.1 0.4	ND	SB-14_0-2_20230504
2							
3							
4							
5							
6	20	Brown SAND, some Silt, fine Gravel, little Brick, Concrete (FILL).	ND	Dry Moist @ 9'	0.3 0.3 0.3	ND	SB-14_5-7_20230504 SB-14_8-10_20230504
7							
8							
9							
10							
11	37	Top 15": Brown SAND, some Silt, fine Gravel, little Brick, Apshalt, Wood (FILL). Next 22": Brown-gray SAND AND SILT, some Clay, little Organics.	ND	Wet @ 10'	0.3 0.4 0.5	ND	
12							
13							
14							
15							
16							
17							
18							
19							
20							

Soil sample analyzed for VOCs, SVOCs, TAL Metals, 1,4-Dioxane, PCBs, Pesticides, Hexavalent Chromium, and PFAS.
Groundwater encountered at approximately 10 feet below grade during soil boring installation.
End of soil boring at 15 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

APPENDIX E
GROUNDWATER MONITORING WELL DEVELOPMENT LOGS

Well Development Log

Job No: 220241	**Client:**	**2647 Stillwell Avenue Property LLC**	**Well No:**
Project Location: 2647 Stillwell	**Developed By:**	**M.Bates**	**RI-MW-01**
Date: 5/5/23			
Total Depth:	20.00 ft. below top of casing	**Well Diameter:**	2 inches	*= 0.163 * WC for 2" wells
Depth to Water:	9.01 ft. below top of casing	**Well Volume*:**	1.79 gallons	*= 0.653 * WC for 4" wells
Water Column (WC):	10.99 ft. below top of casing	**Volume Purged:**	4.23 gallons	*= 1.469 * WC for 6" wells
		Purging Device (pump type):	Waterra Pump	

Time	Purge Rate (ml/min)	Turbidity (NTU)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
13:00	800	175	14.26	3.11	6.58	7.34	-91	Petroleum-like odor. All water contained in 55-gallon drum.
13:05	800	100	14.27	3.52	7.14	7.46	-92	
13:10	800	66	14.55	3.46	7.02	7.38	-94	
13:15	800	50	14.42	3.54	7.08	7.39	-96	
13:20	800	42	14.46	3.52	7.05	7.36	-95	

For Surge Method: Purge until water quality parameters are stabile (within 10%) for three successive readings, and turbidity is less than 50 NTU for three successive readings.

Well Development Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC	**Well No:**
Project Location: 2647 Stillwell	**Developed By:** M.Bates	**RI-MW-02**
Date: 5/5/23		
Total Depth: 20.00 ft. below top of casing	**Well Diameter:** 2 inches	*= 0.163 * WC for 2" wells
Depth to Water: 8.44 ft. below top of casing	**Well Volume*:** 1.88 gallons	*= 0.653 * WC for 4" wells
Water Column (WC): 11.56 ft. below top of casing	**Volume Purged:** 2.1 gallons	*= 1.469 * WC for 6" wells
	Purging Device (pump type): Waterra Pump	

Time	Purge Rate (ml/min)	Turbidity (NTU)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
13:40	800	38.1	14.98	23.2	7.01	0.84	18	Petroleum-like odor. All water contained in 55-gallon drum.
13:45	800	34.6	14.99	26.3	7.04	7.84	20	
13:50	800	40.4	14.84	24.6	7.06	7.84	22	

For Surge Method: Purge until water quality parameters are stabile (within 10%) for three successive readings, and turbidity is less than 50 NTU for three successive readings.

Well Development Log

Job No: 220241	**Client:**	**2647 Stillwell Avenue Property LLC**	**Well No:**
Project Location: 2647 Stillwell	**Developed By:**	**M.Bates**	**RI-MW-03**
Date: 5/5/23			
Total Depth:	20.00 ft. below top of casing	**Well Diameter:**	2 inches	*= 0.163 * WC for 2" wells
Depth to Water:	9.96 ft. below top of casing	**Well Volume*:**	1.64 gallons	*= 0.653 * WC for 4" wells
Water Column (WC):	10.04 ft. below top of casing	**Volume Purged:**	4.5 gallons	*= 1.469 * WC for 6" wells
		Purging Device (pump type):	Waterra Pump	

Time	Purge Rate (ml/min)	Turbidity (NTU)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
13:25	800	42.6	14.63	6.22	4.28	7.17	6	Petroleum-like odor. All water contained in 55-gallon drum.
13:30	800	44.2	14.43	6.32	4.31	7.16	9	
13:35	800	43.3	14.46	6.27	4.32	7.16	8	
13:40	800	43.7	14.51	6.35	4.35	7.15	6	
13:45	800	43.7	14.52	6.34	4.29	7.15	7	

For Surge Method: Purge until water quality parameters are stabile (within 10%) for three successive readings, and turbidity is less than 50 NTU for three successive readings.

Well Development Log

Job No: 220241	**Client:**	**2647 Stillwell Avenue Property LLC**	**Well No:**
Project Location: 2647 Stillwell	**Developed By:**	**M.Bates**	**RI-MW-04**
Date: 5/5/23			
Total Depth:	20.00 ft. below top of casing	**Well Diameter:**	2 inches	*= 0.163 * WC for 2" wells
Depth to Water:	9.96 ft. below top of casing	**Well Volume*:**	1.64 gallons	*= 0.653 * WC for 4" wells
Water Column (WC):	10.04 ft. below top of casing	**Volume Purged:**	3.5 gallons	*= 1.469 * WC for 6" wells
		Purging Device (pump type):	Waterra Pump	

Time	Purge Rate (ml/min)	Turbidity (NTU)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
13:55	800	40.7	14.54	30.4	6.43	0.54	15	Petroleum-like odor. All water contained in 55-gallon drum.
14:00	800	42.4	14.64	30.2	6.51	7.60	18	
14:05	800	35.6	14.64	28.4	6.42	7.61	14	
14:10	800	35.8	14.65	28.9	6.43	7.62	17	

For Surge Method: Purge until water quality parameters are stabile (within 10%) for three successive readings, and turbidity is less than 50 NTU for three successive readings.

Well Development Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC	**Well No:**
Project Location: 2647 Stillwell	**Developed By:** M.Bates	**RI-MW-05**
Date: 5/5/23		
Total Depth: 20.00 ft. below top of casing	**Well Diameter:** 2 inches	*= 0.163 * WC for 2" wells
Depth to Water: 9.96 ft. below top of casing	**Well Volume*:** 1.64 gallons	*= 0.653 * WC for 4" wells
Water Column (WC): 10.04 ft. below top of casing	**Volume Purged:** 3.5 gallons	*= 1.469 * WC for 6" wells
	Purging Device (pump type): Waterra Pump	

Time	Purge Rate (ml/min)	Turbidity (NTU)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
14:05	800	37.4	14.25	30.62	7.11	7.86	14	Petroleum-like odor. All water contained in 55-gallon drum.
14:10	800	32.3	14.31	30.59	7.08	7.72	16	
14:15	800	35.6	14.30	30.58	7.04	7.73	18	
14:20	800	33.1	14.28	30.59	7.10	7.73	18	

For Surge Method: Purge until water quality parameters are stabile (within 10%) for three successive readings, and turbidity is less than 50 NTU for three successive readings.

APPENDIX F
GROUNDWATER MONITORING WELL ELEVATION SURVEY

MONITORING WELLS LOCATIONS

MONITORING WELL DATA					
Northing	Easting	Latitude (Dec Deg)	Longitude (Dec Deg)	Elevation	Description
151,563.73	989,320.64	N40.582682°	W73.981745°	11.49'	RI-MW-1 GRND
151,563.54	989,320.96	N40.582681°	W73.981744°	11.26'	RI-MW-1 PVC NORTH
151,468.81	989,298.65	N40.582422°	W73.981824°	11.07'	RI-MW-2 GND
151,468.61	989,298.53	N40.582421°	W73.981825°	10.76'	RI-MW-2 PVC NORTH
151,580.02	989,428.05	N40.582727°	W73.981358°	12.24'	RI-MW-3 GND
151,579.84	989,427.77	N40.582726°	W73.981359°	12.01'	RI-MW-3 PVC NORTH
151,484.79	989,419.90	N40.582465°	W73.981388°	11.76'	RI-MW-4 GND
151,484.10	989,419.60	N40.582463°	W73.981389°	11.61'	RI-MW-4 PVC NORTH
151,325.52	989,472.95	N40.582028°	W73.981197°	12.01'	RI-MW-5 GND
151,325.27	989,472.82	N40.582027°	W73.981197°	11.56'	RI-MW-5 PVC NORTH
151,589.72	989,160.52	N40.582753°	W73.982322°	10.94'	RI-MW-7 GND
151,590.33	989,160.47	N40.582755°	W73.982322°	10.43'	RI-MW-7 PVC NORTH
151,598.11	989,199.39	N40.582776°	W73.982182°	10.53'	RI-MW-8 GND
151,598.36	989,199.04	N40.582777°	W73.982183°	10.27'	RI-MW-8 PVC NORTH
151,617.19	989,237.36	N40.582829°	W73.982045°	10.90'	RI-MW-9 GND
151,617.39	989,237.86	N40.582829°	W73.982043°	10.72'	RI-MW-9 PVC NORTH
151,523.70	989,330.04	N40.582572°	W73.981711°	11.46'	RI-MW-10 GND
151,523.34	989,329.93	N40.582571°	W73.981712°	11.13'	RI-MW-10 PVC NORTH

NOTES:

- HORIZONTAL LOCATIONS EXPRESSED AS LATITUDE AND LONGITUDE RELATIVE TO (NAD83)
- ELEVATIONS ARE IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

SURVEYED: MAY 17, 2023

SCALE: 1" = 60' | DRAWN BY: JJM

30.00' 60.00' 120.00'

0 30 90 120

FEHRINGER SURVEYING, P.C.

ROBERT FEHRINGER
LICENSED LAND SURVEYOR
WWW.FEHRINGERSURVEYING.COM
2200 JACKSON AVENUE
SEAFORD, N.Y. 11783
(516) 763 - 5515 FAX NO. (516) 763 - 5525
FS@FEHRINGERSURVEYING.COM

SURVEY OF PROPERTY SITUATED IN:

2647 STILLWELL AVE

BOROUGH OF BROOKLYN
COUNTY OF KINGS
CITY OF NEW YORK
STATE OF NEW YORK

APPENDIX G
GROUNDWATER SAMPLING LOGS

Well Sampling Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC		**Well No:** RI-MW-01
Project Location: 2647 Stillwell	**Sampled By:** M.Bates		
Date: 5/17/23	**Sampling Time:** 1225		
LEL at surface:			
PID at surface: 1.6 ppm			
Total Depth: 20.00 ft. below top of casing	**Water Column (WC):** 10.99 feet		*= 0.163 * WC for 2" wells
Depth to Water: 9.01 ft. below top of casing	**Well Volume*:** 1.79 gallons		*= 0.653 * WC for 4" wells
Depth to Product: NA ft. below top of casing	**Volume Purged:** 4.95 gallons		*= 1.469 * WC for 6" wells
Depth to top of screen: 5.00 ft. below top of casing	**Well Diam.:** 2 inches		Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.00 ft. below top of casing	**Purging Device (pump type):** Bladder Pump		
Approx. Pump Intake: 13.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:20	9.72	150	16.90	3.94	6.54	7.22	-77.0	>1000	Purge water contained in 55-gallon drum.
10:25	9.76	150	16.67	3.86	6.45	7.21	-79.0	952	
10:30	9.74	150	16.29	3.8	6.48	7.23	-80.0	638	
10:35	9.72	150	16.45	3.76	6.80	7.24	-79.0	596	
10:40	9.75	150	16.49	3.72	6.71	7.24	-81.0	434	
10:45	9.74	150	16.27	3.68	6.15	7.24	-83.0	353	
10:50	9.76	150	16.12	3.66	6.62	7.25	-85.0	259	
10:55	9.75	150	16.21	3.59	6.43	7.24	-84.0	205	
11:00	9.74	150	16.28	3.6	6.39	7.25	-83.0	201	
11:05	9.76	150	16.15	3.61	4.31	7.26	-84.0	180	
11:10	9.75	150	16.34	3.59	4.41	7.26	-84.0	178	
11:15	9.74	150	16.34	3.57	4.38	7.27	-84.0	156	
11:20	9.75	150	16.17	3.56	4.26	7.27	-83.0	133	
11:25	9.76	150	16.24	3.52	3.11	7.26	-83.0	116	
11:30	9.75	150	16.29	3.51	3.22	7.27	-84.0	105	
11:35	9.76	150	16.27	3.47	3.62	7.27	-84.0	96	
11:40	9.77	150	16.31	3.46	3.65	7.27	-84.0	95	
11:45	9.77	150	16.36	3.48	3.59	7.27	-84.0	86	
11:50	9.76	150	16.31	3.46	3.53	7.27	-85.0	80	
11:55	9.75	150	16.35	3.42	3.29	7.27	-83.0	72	
12:00	9.76	150	16.38	3.45	3.32	7.27	-83.0	67	
12:05	9.76	150	16.40	3.4	3.28	7.27	-84.0	65	
12:10	9.75	150	16.44	3.37	3.34	7.27	-83.0	59	
12:15	9.76	150	16.47	3.3	3.30	7.27	-84.0	60	
12:20	9.75	150	16.53	3.46	3.46	7.27	-83.0	58	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, 1,4-Dioxane, TAL metals (total and dissolved), PCBs, pesticides, and PFAS.

Well Sampling Log

Job No: 220241	**Client:**	**2647 Stillwell Avenue Property LLC**	**Well No:**
Project Location: 2647 Stillwell	**Sampled By:**	**M.Bates**	
Date: 5/18/23	**Sampling Time:**	**2125**	**RI-MW-02**
LEL at surface:			
PID at surface: 1.6 ppm			

Total Depth:	20.00 ft. below top of casing	**Water Column (WC):**	11.56 feet	*= 0.163 * WC for 2" wells
Depth to Water:	8.44 ft. below top of casing	**Well Volume*:**	1.88 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	NA ft. below top of casing	**Volume Purged:**	1 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	5.00 ft. below top of casing	**Well Diam.:**	2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	20.00 ft. below top of casing	**Purging Device (pump type):**	Bladder Pump	
Approx. Pump Intake:	13.50 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
20:55	8.52	150	13.20	25.2	6.50	7.72	-93.0	20.2	Purge water contained in 55-gallon drum.
21:00	8.67	150	13.20	9.99	6.05	7.74	-95.0	12.1	
21:05	8.72	150	13.12	25.6	6.57	7.73	-97.0	24.6	
21:10	8.70	150	13.12	25.6	6.37	7.73	-97.0	18.2	
21:15	8.74	150	13.10	25.7	6.47	7.72	-98.0	20.3	
21:20	8.72	150	13.09	25.7	6.50	7.71	-98.0	17.6	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, 1,4-Dioxane, TAL metals (total and dissolved), PCBs, pesticides, and PFAS.

Well Sampling Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC		**Well No:**
Project Location: 2647 Stillwell	**Sampled By:** M.Bates		**RI-MW-03**
Date: 5/18/23	**Sampling Time:** 1755		
LEL at surface:			
PID at surface: 1.7 ppm			
Total Depth: 20.00 ft. below top of casing	**Water Column (WC):** 10.04 feet		*= 0.163 * WC for 2" wells
Depth to Water: 9.96 ft. below top of casing	**Well Volume*:** 1.64 gallons		*= 0.653 * WC for 4" wells
Depth to Product: NA ft. below top of casing	**Volume Purged:** 2.18 gallons		*= 1.469 * WC for 6" wells
Depth to top of screen: 5.00 ft. below top of casing	**Well Diam.:** 2 inches		Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.00 ft. below top of casing	**Purging Device (pump type):** Bladder Pump		
Approx. Pump Intake: 13.50 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
16:55	10.47	150	16.62	2.47	5.48	7.09	-101.0	460	
17:00	10.49	150	15.84	2.46	5.61	7.14	-114.0	383	
17:05	10.52	150	15.51	2.44	6.16	7.15	-116.0	270	
17:10	10.49	150	15.15	2.43	6.32	7.15	-114.0	208	
17:15	10.51	150	15.08	2.41	6.35	7.14	-113.0	169	
17:20	10.48	150	15.06	2.41	6.42	7.15	-110.0	144	Purge water contained in 55-gallon drum.
17:25	10.50	150	15.35	2.38	6.40	7.14	-104.0	107	
17:30	10.47	150	15.33	2.37	6.38	7.14	-101.0	91.6	
17:35	10.49	150	15.23	2.38	6.43	7.15	-99.0	83.7	
17:40	10.52	150	15.32	2.37	6.39	7.15	-96.0	62.9	
17:45	10.51	150	15.27	2.36	6.44	7.15	-95.0	49.6	
17:50	10.49	150	15.30	2.37	6.41	7.50	-94.0	42.9	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, 1,4-Dioxane, TAL metals (total and dissolved), PCBs, pesticides, and PFAS.

AKRF

Well Sampling Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC		**Well No:**
Project Location: 2647 Stillwell	**Sampled By:** M.Bates		**RI-MW-04**
Date: 5/18/23	**Sampling Time:** 1200		
LEL at surface:			
PID at surface: 1.8 ppm			
Total Depth: 20.00 ft. below top of casing	**Water Column (WC):** 10.77 feet		*= 0.163 * WC for 2" wells
Depth to Water: 9.23 ft. below top of casing	**Well Volume*:** 1.76 gallons		*= 0.653 * WC for 4" wells
Depth to Product: NA ft. below top of casing	**Volume Purged:** 3.96 gallons		*= 1.469 * WC for 6" wells
Depth to top of screen: 5.00 ft. below top of casing	**Well Diam.:** 2 inches		Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.00 ft. below top of casing	**Purging Device (pump type):** Bladder Pump		
Approx. Pump Intake: 13.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:15	10.04	150	14.86	1.47	2.06	7.68	123.0	>1000	Purge water contained in 55-gallon drum.
10:20	9.98	150	14.22	1.47	2.46	7.69	113.0	>1000	
10:25	10.01	150	14.14	1.45	1.56	7.67	105.0	>1000	
10:30	10.04	150	14.19	1.37	0.96	7.68	93.0	658	
10:35	10.04	150	14.05	1.34	0.87	7.67	90.0	585	
10:40	10.01	150	14.10	1.25	0.38	7.63	83.0	322	
10:45	9.97	150	14.06	1.24	0.32	7.63	82.0	304	
10:50	9.99	150	14.11	1.12	0.41	7.61	81.0	277	
10:55	9.98	150	14.03	1.16	1.48	7.68	74.0	264	
11:00	10.01	150	14.17	1.16	1.55	7.62	74.0	256	
11:05	10.00	150	13.99	1.14	0.4	7.57	75.0	175	
11:10	10.01	150	13.92	1.13	0.19	7.55	76.0	133	
11:15	9.99	150	14.03	1.14	0.14	7.55	76.0	115	
11:20	10.04	150	14.18	1.13	0.17	7.53	76.0	96.4	
11:25	10.00	150	13.98	1.15	0.2	7.53	76.0	80.5	
11:30	10.02	150	14.06	1.16	0.24	7.53	77.0	77.2	
11:35	10.05	150	14.10	1.15	0.22	7.52	77.0	66.5	
11:40	10.01	150	14.03	1.15	0.21	7.52	77.0	68.1	
11:45	10.03	150	14.18	1.15	0.25	7.52	76.0	59.3	
11:50	10.04	150	14.09	1.15	0.24	7.50	77.0	51.2	
11:55	10.04	150	14.13	1.15	0.26	7.50	77.0	44.9	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, 1,4-Dioxane, TAL metals (total and dissolved), PCBs, pesticides, and PFAS.

AKRF

Well Sampling Log

Job No: 220241	**Client:** 2647 Stillwell Avenue Property LLC		**Well No:**
Project Location: 2647 Stillwell	**Sampled By:** M.Bates		**RI-MW-05**
Date: 5/18/23	**Sampling Time:** 1535		
LEL at surface:			
PID at surface: 1.5 ppm			
Total Depth: 20.00 ft. below top of casing	**Water Column (WC):** 10.50 feet		*= 0.163 * WC for 2" wells
Depth to Water: 9.50 ft. below top of casing	**Well Volume*:** 1.71 gallons		*= 0.653 * WC for 4" wells
Depth to Product: NA ft. below top of casing	**Volume Purged:** 3.96 gallons		*= 1.469 * WC for 6" wells
Depth to top of screen: 5.00 ft. below top of casing	**Well Diam.:** 2 inches		Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.00 ft. below top of casing	**Purging Device (pump type):** Bladder Pump		
Approx. Pump Intake: 13.00 ft. below top of casing			

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:45	10.32	150	14.81	0.369	0.68	8.29	-33.0	162	Purge water contained in 55-gallon drum.
13:50	10.33	150	15.08	0.367	0.74	8.08	-34.0	136	
13:55	10.34	150	15.09	0.368	0.71	8.08	-34.0	145	
14:00	10.32	150	14.91	0.369	0.76	8.08	-36.0	154	
14:05	10.35	150	15.04	0.369	0.73	8.10	-10.0	183	
14:10	10.34	150	16.18	0.37	0.69	8.12	-7.0	187	
14:15	10.35	150	14.79	0.38	0.72	8.07	-11.0	118	
14:20	10.33	150	14.68	0.383	0.79	8.02	-19.0	98.7	
14:25	10.34	150	14.60	0.385	0.80	8.03	-31.0	92.6	
14:30	10.35	150	14.63	0.384	0.76	8.02	-25.0	94.5	
14:35	10.31	150	14.55	0.385	0.75	7.99	-26.0	85.4	
14:40	10.35	150	14.54	0.384	0.75	7.97	-28.0	85.6	
14:45	10.31	150	14.50	0.386	0.72	7.95	-31.0	78.7	
14:50	10.34	150	14.53	0.385	0.79	7.95	-32.0	78.6	
14:55	10.35	150	14.46	0.385	0.72	7.94	-31.0	79.1	
15:00	10.32	150	14.61	0.381	0.79	7.92	-28.0	77.1	
15:05	10.34	150	14.53	0.381	0.77	7.91	-27.0	69.4	
15:10	10.33	150	14.50	0.38	0.78	7.89	-26.0	58.4	
15:15	10.33	150	14.46	0.379	0.82	7.87	-27.0	52.3	
15:20	10.34	150	14.42	0.38	0.8	7.86	-27.0	47.8	
15:25	10.34	150	14.45	0.379	0.77	7.86	-28.0	44.3	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, 1,4-Dioxane, TAL metals (total and dissolved), PCBs, pesticides, and PFAS.

APPENDIX H
TEMPORARY SOIL VAPOR POINT CONSTRUCTION AND VAPOR SAMPLING LOGS

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	84 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	9 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-01	**SUMMA® Canister ID:**	3212
Flow Controller ID:	3169	**Soil Vapor Sample ID:**	RI-SV-01_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	930	-30	ND	
Time Halfway:	1100	-15	ND	
Time Stopped:	1130	-6	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-01 20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	96 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	6.2 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-02	**SUMMA® Canister ID:**	5054
Flow Controller ID:	6081	**Soil Vapor Sample ID:**	RI-SV-02_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1020	-27	ND	
Time Halfway:	1100	-16	ND	
Time Stopped:	1140	-7	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-02_20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	96 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	87.6 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-03	**SUMMA® Canister ID:**	5436
Flow Controller ID:	2668	**Soil Vapor Sample ID:**	RI-SV-03_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1005	-26	ND	
Time Halfway:	1100	-15	ND	
Time Stopped:	1150	-5	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-03 20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	96 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	2.9 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-04	**SUMMA® Canister ID:**	5404
Flow Controller ID:	4745	**Soil Vapor Sample ID:**	RI-SV-04_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	945	-26	ND	
Time Halfway:	1100	-10	ND	
Time Stopped:	1130	-4	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-04 20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	96 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	0 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-05	**SUMMA® Canister ID:**	34000703
Flow Controller ID:	4757	**Soil Vapor Sample ID:**	RI-SV-05_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1100	-30	ND	
Time Halfway:	1155	-16	ND	
Time Stopped:	1250	-7	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-05 20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

Soil Vapor Sample Log

AKRF Project No:	220241	**Point Installed By:**	Eastern
Project Location:	2647 Stillwell Ave	**Installation Method:**	Geoprobe
Client:	2647 Stillwell Avenue Property LLC	**Sampled By:**	M.Bates
Date:	5/5/2023	**Weather:**	Sunny 57°F

Sample Setup

Vapor Point Depth:	96 Inches	**Total Time of Purge:**	12 min
Purging Pump:	Gilair Plus	**Purge Volume:**	2.4
Pump Flow Rate*:	0.2 L/min	**Purged Vapor PID:**	0 ppm
		Helium Concentration:	0 %

Sample Identification

Soil Vapor Point ID:	SV-06	**SUMMA® Canister ID:**	34000810
Flow Controller ID:	4048	**Soil Vapor Sample ID:**	RI-SV-06_20230505

Sample Collection

Time		Vacuum (in/Hg)	Background PID	Notes
Time Started:	1040	-27	ND	
Time Halfway:	1130	-16.5	ND	
Time Stopped:	1220	-6	ND	

Notes:

*Purge flow rate not to exceed 0.2 L/min.

ND = non-detect ppm = parts per million L/min = Liters per minute

Soil vapor sample RI-SV-06 20230505 collected in a 6-L SUMMA® canister using a 2-hour flow controller.

APPENDIX I
LABORATORY DATA DELIVERABLES AND DATA USABILITY SUMMARY REPORTS (DUSRS)

APPENDIX J
INVESTIGATION-DERIVED WASTE (IDW) DISPOSAL MANIFESTS

1111

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
			631-727-2200	

GENERATOR

5. Generator's Name and Mailing Address
2647 STILLWELL PROPERTY LLC
4 BRYANT PARK, STE. 200, NY, NY 10018
Generator's Phone: 212-651-7272

Generator's Site Address (if different than mailing address)
2647 STILLWELL AVE.
BROOKLYN, NY 11224

6. Transporter 1 Company Name
Eastern Environmental Solutions

U.S. EPA ID Number
NYR 000 135624

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean water of New York
3429 Richmon Terrace
Staten Island, NY

U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous; Non RCRA Regulated Liquids	003 ~~004~~	DM	220	G	
2.	NON HAZ - NON RCRA Solids	001	DM	300	P	
3.						
4.						

13. Special Handling Instructions and Additional Information
002
003

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: Adrianna Bosco as Agent for Generator
Signature:
Month: 06 Day: 13 Year: 23

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: Sean Romano
Signature:
Month: 06 Day: 13 Year: 23

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:

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: Carlos Herrera
Signature:
Month: 6 Day: 15 Year: 23