

WEST 29TH STREET

601 WEST 29TH STREET

NEW YORK, NEW YORK

Final Engineering Report

NYSDEC Site Number: C231107

AKRF Project Number: 170087

Prepared for:

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DECEMBER 2020

CERTIFICATIONS

I, Michelle Lapin, P.E., am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan (RAWP) was implemented and that all construction activities were completed in substantial conformance with the Department-approved RAWP.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the RAWP and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Michelle Lapin, P.E., of AKRF, Inc. at 440 Park Avenue South, 7th Floor, New York, NY 10016, am certifying as Owner's Designated Site Representative for the site.



A handwritten signature in black ink, appearing to read "Michelle Lapin", is written over a horizontal line.

NYS Professional Engineer #

12/21/2020

Date

Signature

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LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos-containing materials
AGV	Air Guidance Values
AST	Aboveground Storage Tank
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, toluene, ethylbenzene and xylenes
CAMP	Community Air Monitoring Plan
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
DD	Decision Document
DER	Division of Environmental Remediation
DSNY	New York City Department of Sanitation
DUSR	Data Usability Summary Report
EC	Engineering Control
EE	Environmental Easement
EFR	Enhanced Fluid Recovery
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
EWP	Excavation Work Plan
FER	Final Engineering Report
HASP	Health and Safety Plan
HVDPE	High Vacuum Dual-Phase Extraction
IC	Institutional Control
LBP	Lead-Based Paint
LNAPL	Light Non-Aqueous Phase Liquid
NAVD 88	North American Vertical Datum of 1988
NYCDEP	New York City Department of Environmental Protection
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
OSHA	U.S. Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbons
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PDI	Pre-Design Investigation

Acronym	Definition
PFAS	Polyfluoroalkyl substances
PID	Photoionization Detector
PPE	Personal Protective Equipment
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RA	Remedial Action
RAO	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RE	Remedial Engineer
REC	Recognized Environmental Conditions
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objectives
SCO	Soil Cleanup Objectives
SEQRA	State Environmental Quality Review Act
SMP	Site Management Plan
SOE	Support of Excavation
SOP	Site Operation Plan
SQG	Small Quantity Generator
SSO	Site Safety Officer
SSSCO	Site-Specific Soil Cleanup Objectives
SVE	Soil Vapor Extraction
SVOC	Semivolatile Organic Compounds
SWPPP	Storm-Water Pollution Prevention Plan
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TWA	Time-Weighted Average
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objectives
VOC	Volatile Organic Compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

DD West 29th LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in March 2018 to investigate and remediate an approximately 1.13-acre property located at 601 West 29th Street in Manhattan, New York, hereafter referred to as the “Site” (BCA Index No. C231107-02-18). DD West 29th LLC is a Volunteer in the Brownfield Cleanup Program (BCP). The Site was remediated to split Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Track 4 Site Specific Soil Cleanup Objectives (SSSCOs), and will be used for residential and commercial use. The Track 4 area is hereby referred to as the “Controlled Property.”

The BCA was amended on February 12, 2020 to eliminate the provisions in Paragraph II of the BCA, Tangible Property Tax Credit Status, which provides that a portion of the Site, specifically the lot formerly known as Block 675, Lot 36, is not eligible for tangible property tax credits since it has been previously remediated. During remedial excavation activities, soil exhibiting elevated photoionization detector (PID) readings, odors, and staining, and unknown/unregistered tanks were encountered in this portion of the Site. As such, it was determined that former Lot 36 no longer met the definition of “previously been remediated” as set forth in ECL 27-1407(1-a). Therefore, that portion of the Site is now eligible for the tangible property tax credit.

A Brownfield Cleanup Agreement Amendment Application was submitted to NYSDEC on July 30, 2020 to remove a 0.287-acre parcel in the western portion of the Site from the BCP. This amendment application was fully executed on December 11, 2020. The overall size of the BCP Site was reduced from 1.42 acres to 1.13 acres.

The Site is located in the County of New York, New York. The Site includes the addresses 601-609 West 29th Street, 613-617 West 29th Street, 615-635 West 29th Street, and 309 11th Avenue, and was formerly known as Block 675, Lots 12, 29, and 36, but was merged into one lot (Lot 12, expanded from the previous boundaries) in early 2018. The Site is situated on an approximately 1.13-acre area bounded by: West 30th Street, bordered by construction associated with the Hudson Yards redevelopment district and the aboveground High Line to the north; West 29th Street, bordered by a Con Edison parking and office facility to the south; 11th Avenue, bordered by residential and commercial uses to the east; and a vacant lot and private parking facility, bordered by 12th Avenue and Hudson River Park to the west (see Figure 1). The boundaries of the Site are fully described in Appendix A – Metes and Bounds. A Site plan is provided as Figure 2.

An electronic copy of this FER with all supporting documentation is included as Appendix B.

1.1 Site History

According to the NYC Department of Buildings records and historical sources (i.e., fire insurance maps, and city directories) the Site was used for industrial, automotive, and commercial purposes since the late 1800s. The Site was developed with a lumber yard and an auto house as early as 1890. Between approximately 1911 and 1930, former Lot 12 was additionally developed with a smelting and refining works. An asbestos distribution warehouse, freight/transportation businesses, and several gasoline tanks were shown on the Sanborn maps up until the late 1970s. The southeastern portion of the Site (former Lot 29) was developed with an iron works between 1890 and 1899, and later replaced by a woodworking and scenery manufacturer in 1911. By 1950, the lot was occupied by Express Depot and contained gasoline tanks. Lot 29 remained relatively unchanged through the late 1980s when it was shown on historical maps with commercial uses. An art gallery was identified as early as 2002. The northeastern portion of the Site (former Lot 36) was occupied historically by a lumber yard and wagon yard up until approximately 1927, when a

gasoline station was located on the lot. The addition of an auto repair shop was noted in the 1950s. The gasoline station and auto repair shop were decommissioned in January 2018.

1.2 Geology and Hydrogeology

Based on reports compiled by the U.S. Geological Survey Yonkers Quadrangle map, the Site lies at an elevation of approximately 8 to 17 feet above the National Geodetic Vertical Datum of 1988 (an approximation of mean sea level) and slopes down toward the south and southwest.

Prior to redevelopment, the stratigraphy beneath the Site was documented to consist of historic fill material (composed of sand and silt, with varying amounts of brick, plastic, wood, concrete, gravel, and asphalt) from just below surface grade to approximately 15 feet below grade. The fill material was underlain by sand and silt to approximately 20 feet below grade. Based on a 2016 geotechnical investigation, competent bedrock, characterized as greenish-gray mica schist, was encountered between 35 and 93 feet below grade.

Depth to groundwater beneath the Site ranges from approximately 7 to 11 feet below grade in the western portion of the Site and to approximately 14 to 17.5 feet below grade in the northeastern portion of the Site. Groundwater flows in a westerly direction toward the Hudson River, located approximately 650 feet west of the Site.

1.3 Redevelopment Plan

The Site is currently being redeveloped into a 59-story mixed-use building located in the eastern and central portions of the Site. The building will contain approximately 938 residential units, including 235 affordable units. One cellar level was constructed beneath the mixed-use building and will house residential and retail storage space, residential amenities, building utilities, and a gym. The proposed retail use would be located on the ground floor of the building fronting 11th Avenue and West 30th Street with a small retail space on West 29th Street near the corner of 11th Avenue. A slab-on-grade parking garage is being constructed in the western portion of the Site, located west-adjacent to the mixed-use building.

1.4 Previous Environmental Investigations

The following environmental reports were prepared for the Site:

Phase I Environmental Site Assessment, 301-309 11th Avenue & 603-613 West 29th Street, New York, NY, Fleming-Lee Shue, Inc., April 2012

The 2012 Phase I Environmental Site Assessment (ESA) was performed by Fleming-Lee Shue, Inc. (FLS) in conformance with ASTM Standard E1527-05 (the standard at that time) and assessed the potential for the presence of hazardous materials, based on reconnaissance of the Site and surrounding area, review of data on geology and hydrology of the surrounding area, examination of historical Sanborn Fire Insurance maps and aerial photographs, review of prior reports, and review of pertinent federal and state regulatory databases. “Recognized Environmental Conditions” (RECs), meaning the presence or likely presence of any hazardous substances or petroleum products, were identified in, on, or at the Site, specifically:

- The northeastern corner of the Site (former Lot 36) had been used as a gas station since circa 1927 (and was still in operation at the time of this assessment). The gasoline station was registered in the NYSDEC Petroleum Bulk Storage (PBS) database (PBS Facility ID 2-157953) with 29 underground storage tanks (USTs), six of which were in service at the time of the Phase I ESA.
- Petroleum Spill No. 9305598 was reported in August 1993 when contaminated soil was encountered during removal of seventeen 550-gallon gasoline USTs. According to Site Status

Update Reports by ARCADIS of New York, Inc. (ARCADIS), enhanced fluid recovery (EFR) events were conducted between January 2006 and March 2010, with additional vacuum-enhanced recovery, high vacuum dual-phase extraction (HVDPE), and soil vapor extraction (SVE) occurring in 2012 in response to continuing free product (LNAPL). Chemical oxidation injections were performed in June 2010. ARCADIS reported that further recovery and remediation of residual free product was not feasible due to low soil permeability and Site logistics. According to the spill file notes, the cleanup did not meet NYSDEC standards, but further remediation was infeasible. Contamination was reportedly limited to groundwater in one area and was not migrating off-site.

- Historical on-site uses included automobile/truck repair, freight businesses, a smelting and refining facility, an iron works, a waste transfer business, an asbestos warehouse, and an art studio with paint booths.
- Historical and current industrial uses in the surrounding area, included rail and freight yards, garages and auto-related facilities with gasoline tanks, and a Con Edison Service Center. The regulatory database identified additional nearby sites with PBS, Brownfield, Resource Conservation and Recovery Act (RCRA), and active- and closed-status spill listings.
- The on-site gasoline station used two hydraulic lifts, which were noted to have possibly contained polychlorinated biphenyls (PCBs). Based on the ages of the buildings, lead-based paint (LBP), asbestos-containing materials (ACM), and PCBs were noted to have the potential to be present in building materials.
- The southeastern corner of the Site (former Lot 29) was identified as a Small Quantity Generator (SQG) of hazardous wastes, with waste manifests indicating generation of spent non-halogenated solvents, ignitable, methyl ethyl ketone, chromium, and barium. Paints and solvents were observed during the Site inspection, with no evidence of material release noted. There were no violations reported for this SQG facility.

Based on the findings of the Phase I ESA, a Phase II assessment was recommended to determine whether the subsurface conditions had been affected by former and/or then-current on- and off-site uses.

Phase II Environmental Site Investigation Report, 301-309 11th Avenue & 603-613 West 29th Street, New York, NY, Fleming-Lee Shue, Inc., August 2013

FLS conducted a Subsurface (Phase II) Investigation at the Site in May and June 2013. The investigation consisted of: a geophysical survey; the advancement of eight soil borings with the collection and laboratory analysis of eight soil samples (two soil borings were installed off-site); the installation of five temporary groundwater monitoring wells and the collection and laboratory analysis of five groundwater samples (two monitoring wells were installed off-site); and the installation of two temporary soil vapor points with the collection and laboratory analysis of two soil vapor samples (one soil vapor sample was collected off-site). A Geoprobe® direct-push probe equipped with a 2-inch diameter Macro-Core® sampler was used to advance the soil borings and install soil vapor points.

The geophysical survey identified anomalies along the western side of former Lot 12. Although the geophysical survey could not verify whether these anomalies were UST structures, they were in the area where USTs were shown on historic maps.

Historic fill materials (including silty sand, brick, concrete, ash, cinders, and wood) were encountered from just below surface down to approximately 15 feet below grade, underlain by sand and silt to the boring termination depth of 20 feet below grade. Soil samples were screened for

volatile organic compounds (VOCs) with a photoionization detector (PID). Elevated PID readings up to 98 parts per million (ppm) were detected in the majority of the borings, with the exception of boring SB-4, located in the south-central portion of the Site on former Lot 12. Groundwater was encountered between approximately 10 and 15 feet below grade and was assumed to flow in a westerly direction toward the Hudson River.

Soil samples were analyzed for VOCs by EPA Method 8260, semivolatile organic compounds (SVOCs) by EPA Method 8270, Target Analyte List (TAL) metals by EPA Method 6010, pesticides by EPA Method 8081, and PCBs by EPA Method 8082. Soil sample analytical results were compared to the NYSDEC 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 UUSCOs and Restricted Residential Use (RRSCOs).

Results of the soil sample analysis were reported as follows:

- No VOCs were detected at concentrations above the UUSCOs or RRSCOs in any of the soil samples analyzed.
- Up to 14 polycyclic aromatic hydrocarbons (PAHs), which are a subset of SVOCs commonly associated with fill materials and combustion products such as coal and/or petroleum, were detected above their respective UUSCOs and RRSCOs in four soil samples at concentrations ranging from 0.99 to 330 milligrams per kilogram (mg/kg). Several samples required dilution during analysis due to elevated SVOC concentrations.
- Metals were detected in each of the eight soil samples analyzed. Copper (maximum concentration of 50.5 mg/kg), lead (maximum concentration of 503 mg/kg), mercury (maximum concentration of 0.91 mg/kg), and zinc (maximum concentration of 206 mg/kg) were detected at concentrations above their respective UUSCOs. Mercury and lead were detected above their respective RRSCOs.
- PCBs were detected in one soil sample [SB-8 (8-9)] at a concentration of 0.28 mg/kg, above the UUSCO of 0.1 mg/kg but below the RRSCO of 1 mg/kg. PCBs were not detected in any other soil samples. Pesticides were not detected above laboratory detection limits in the soil samples.

Groundwater samples were analyzed only for VOCs by EPA Method 8260; no groundwater samples were analyzed for SVOCs, metals, PCBs, or pesticides. Analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (AWQS). Results of the groundwater sample analyses were as follows:

- The VOC isopropylbenzene was detected in groundwater sample MW-1 at a concentration of 6.2 micrograms per liter (µg/L), above the AWQS of 5 µg/L. Toluene was detected in groundwater sample MW-3 at a concentration of 19 µg/L, above the AWQS of 5 µg/L. No other VOCs were detected above their respective AWQS.

Soil vapor samples were analyzed for VOCs by EPA Method TO-15. Results of the soil vapor sample analyses were as follows:

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected in soil vapor sample SG-2 at respective concentrations of 33 micrograms per cubic meter (µg/m³) and 0.64 µg/m³.
- VOCs commonly associated with petroleum (1,2,4-trimethylbenzene, n-butane, n-heptane, n-hexane, toluene, and xylenes) and solvents (carbon disulfide and chloroform), were detected at elevated levels, likely due to the Site's historic industrial use.

Site Status Update Reports

Between 1993 and 2014, GSC/Kleinfelder and Kleinfelder East Inc. (Kleinfelder) and ARCADIS conducted investigation and remediation of a petroleum spill at 309 11th Avenue (former Lot 36), in the northeastern portion of the Site. Petroleum Spill No. 9305598 was reported in August 1993 when contaminated soil was encountered during removal of seventeen, 550-gallon gasoline USTs. According to multiple Site Status Update Reports prepared by ARCADIS, EFR events were conducted from January 2006 to March 2010, with additional HVDPE and SVE occurring in 2012 and 2013 in response to continuing free product (LNAPL). Chemical oxidation injections were performed in June 2010. Gauging of nine groundwater monitoring wells and replacing product-absorbing socks were conducted until August 2014. ARCADIS reported that further recovery/remediation of residual free product was not feasible due to low soil permeability and Site logistics. According to the spill file notes, the cleanup did not meet NYSDEC standards but further remediation was infeasible. Contamination was reportedly limited to groundwater in one area and was not migrating off-site. In a letter dated November 26, 2014, the NYSDEC granted closure to the spill case with a “does not meet standards” classification. The spill was also subject to a Consent Order dated February 23, 2012, which was satisfied with spill closure.

Routine groundwater monitoring conducted between 2005 and 2014 largely consisted of sampling for select VOCs; full VOCs, SVOCs, PCBs and TAL metals were analyzed during one round in July 2007. The results of the two most recent groundwater sampling events (April 1, 2014 and July 7, 2014) were summarized in Site Status Update Reports dated June 2014 and November 2014, respectively. The findings of these groundwater sampling events are as follows:

Site Status Update Report, Service Station #10357 (17-510), 309 11th Avenue, New York, NY, ARCADIS, June 2014

- During the April 2014 sampling event, nine groundwater monitoring wells (MW-1 through MW-9) and two injection wells (IP-1 and IP-2) were gauged with an oil/water interface probe. Five monitoring wells and two injection wells were selected for laboratory analysis (MW-1, MW-5, MW-6, MW-7, MW-9, IP-1, and IP-2). A groundwater sample was not collected from monitoring well MW-8R due to an approximately 0.03-foot thick layer of LNAPL in the monitoring well. A product-absorbing sock was subsequently inserted into monitoring well MW-8R. Groundwater samples were not collected from the remaining three monitoring wells due to low concentrations or no detections of VOCs during previous sampling events.
- Groundwater samples were analyzed only for select VOCs [benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl-tert-butyl-ether (MTBE)] by EPA Method 8260. Analytical results were compared to the AWQS.
- Benzene was detected in four of the seven groundwater samples (MW-5, MW-6, MW-7, and IP-2) at concentrations ranging from 2 to 140 µg/L, above the AWQS of 1 µg/L. Toluene was detected in three groundwater samples (MW-5, MW-6, and IP-2) at concentrations ranging from 6 to 11 µg/L, above the AWQS of 5 µg/L. Ethylbenzene was detected in 4 groundwater samples (MW-5, MW-6, MW-7, and IP-2) at concentrations ranging from 10 to 170 µg/L, above the AWQS of 5 µg/L. MTBE was detected in detected in groundwater sample MW-6 at a concentration of 12 µg/L, above the AWQS of 10 µg/L.
- Overall, the highest concentrations of BTEX and MTBE were detected in groundwater samples IP-2 and MW-6, respectively, collected from the northern portion of the gasoline station, north-adjacent to five closed-removed 4,000-gallon USTs.

Site Status Update Report, Service Station #10357 (17-510), 309 11th Avenue, New York, NY, ARCADIS, November 2014

- During the July 2014 sampling event, nine groundwater monitoring wells (MW-1 through MW-9) and two injection wells (IP-1 and IP-2) were gauged with an oil/water interface probe. Six monitoring wells and two injection wells were selected for laboratory analysis (MW-1, MW-5, MW-6, MW-7, MW-8R, MW-9, IP-1, and IP-2). LNAPL was not detected in any of the wells. Groundwater samples were not collected from the remaining three monitoring wells due to low concentrations or no detections of VOCs during previous sampling events.
- Groundwater samples were analyzed only for select VOCs (BTEX and MTBE) by EPA Method 8260. Analytical results were compared to the NYSDEC 6 NYCRR Part 703.5 Class GA AWQS.
- Benzene was detected in six of the eight groundwater samples (MW-1, MW-5, MW-6, MW-7, MW-8R, and IP-2) at concentrations ranging from 2 to 950 µg/L, above the AWQS of 1 µg/L. Toluene was detected in three groundwater samples (MW-6, MW-8R, and IP-2) at concentrations ranging from 12 to 240 µg/L, above the AWQS of 5 µg/L. Ethylbenzene was detected in five groundwater samples (MW-5, MW-6, MW-8R, IP-1, and IP-2) at concentrations ranging from 15 to 1,900 µg/L, above the AWQS of 5 µg/L. MTBE was detected in groundwater sample MW-6 at a concentration of 20 µg/L, above the AWQS of 10 µg/L.
- The highest concentrations of BTEX were detected in groundwater sample MW-8R, collected from the northwestern corner of the gasoline station.

ARCADIS indicated that July 2014 was the first month where groundwater monitoring well MW-8R did not contain measurable LNAPL since May 2014; however, measureable LNAPL was reported in other wells during the latest groundwater sampling events conducted in 2013 and 2014, prior to the spill closure in November 2014. Furthermore, petroleum-related VOCs were detected at concentrations well above the NYSDEC AWQS in up to six monitoring wells during the last groundwater sampling events.

Preliminary Geotechnical Engineering Report, West 29th Street, New York, NY, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan), December 2016

Langan conducted a geotechnical investigation at the Site in August and September 2016. Twenty-one borings were advanced to maximum depths between 44 to 94.5 feet below grade. Soil samples were collected and submitted to a laboratory for analysis of geotechnical properties; no environmental sampling was performed during this investigation.

The results of the investigation indicated that the stratigraphy beneath the Site consisted of uncontrolled fill material composed of sand with varying amounts of gravel, silt, clay, brick, wood, concrete, asphalt, tile, glass, and occasional boulders. Fill material was encountered up to maximum depths between 20 and 35 feet below grade and was observed to increase in thickness toward the western portion of the Site. Fill material was underlain by silty clay and silty sand. The top of weathered rock was encountered between 40 and 86 feet below grade. Competent bedrock, characterized as greenish-gray mica schist, was encountered between 35 and 93 feet below grade.

Two observation wells were installed in borings B-2 and B-9, located in the northeastern and southwestern portions of the Site, respectively. Groundwater was encountered at approximately 14 feet and 8 feet below grade in observation wells B-2 and B-9, respectively.

Tank Closure Report – Former Mobil Branded #10357, 309 11th Avenue, New York, NY, ARCADIS, March 2018

Between January 24 and 30, 2018, ARCADIS oversaw the removal of five 4,000-gallon USTs, one 550-gallon underground used oil UST, two hydraulic lifts, and associated underground piping from the former gasoline station located on former Lot 36. Tank contents were pumped out and the tanks were cleaned prior to off-site disposal as scrap metal. Upon removal, the tanks and surrounding soil were inspected for evidence of product leakage. No evidence of a leak or spill was reportedly observed by ARCADIS during the tank removal or cleaning process. ARCADIS collected confirmatory post-excavation endpoint samples from the bottom of excavation and the sidewalls. Soil samples were analyzed by Contest Analytical Laboratories of East Longmeadow, Massachusetts for VOCs and SVOCs. Laboratory analytical results were compared to Tables 2 and 3 of the NYSDEC Commissioners Policy (CP-51) Soil Cleanup Guidance. Up to seven SVOCs (consisting of PAHs) were detected in three bottom excavation samples and one sidewall sample at concentrations above the CP-51 SCOs. Mixed and total xylenes and trimethylbenzene were detected at concentrations above the CP-51 SCOs in three post-excavation samples collected from beneath the tank dispenser piping. Groundwater was not encountered during any of the tank removal activities.

Following collection of the post-excavation endpoint samples, approximately 60 cubic yards of fill and 40 cubic yards of crushed stone aggregate were imported to the Site for use as backfill. The material was obtained from Evergreen Recycling of Corona in Corona, New York. Prior to importation to the Site, ARCADIS collected one composite sample from each type of backfill material for analysis of total VOCs, total SVOCs, total inorganics, PCBs, pesticides, and herbicides. Laboratory analytical results were compared to the DER-10 Commercial or Industrial Use and Restricted Residential Use criteria. No exceedances of the criteria were reported.

The PBS registration was updated with NYSDEC under separate cover to reflect the tank closure for facility number 2-157953.

Remedial Investigation Report, 601 West 29th Street, New York, NY, AKRF, Inc., January 2019

AKRF conducted a Remedial Investigation (RI) at the Site in July 2018 in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP). The sampling procedures of the RI were performed in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation DER-10. The RI Report (RIR) also includes findings from AKRF's June 2017 Phase II Investigation.

Soil observed in the borings consisted of fill comprising sand and gravel with varying amounts of concrete, brick, wood, and asphalt, down to the terminus of the borings at approximately 15 feet below grade. One boring was advanced to 20 feet below grade, which identified fill material down to 15 feet below grade underlain by sand with a trace of gravel from 15 to 20 feet below grade.

Results of the soil sample analysis were as follows:

Phase II Investigation:

- Evidence of grossly-contaminated media, as defined in 6 NYCRR Part 375 and DER-10, was encountered during the Phase II Investigation in borings advanced in the western portion of the Site. Elevated PID readings up to 1,300 ppm and petroleum-like odors were detected in boring SB-9 down to 25 feet below grade. Additionally, a sheen was observed in soil samples at approximately 23 to 24 feet below grade. Based on the field observations, a spill was reported to NYSDEC and Spill No. 1702811 was assigned to the Site in June 2017. The portion of the Site in which the spill incident was located, has since been removed from the larger BCP Site.

- The petroleum-related VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, n-propylbenzene, and/or total xylenes were detected at concentrations above their respective UUSCOs in three soil samples. Acetone, a common laboratory contaminant, was also detected in one soil sample [SB-9 (2-4)] at a concentration of 0.0508 mg/kg, above its UUSCO of 0.05 mg/kg. No VOCs were detected above their respective RRSCOs.
- Up to seven SVOCs were detected above their respective UUSCOs and/or RRSCOs in eight soil samples. Individual concentrations ranged from 0.557 to 38.3 mg/kg. The detections consisted of PAHs.
- PCBs were detected above the UUSCO of 0.1 mg/kg in two soil samples at concentrations of 0.66 and 0.87 mg/kg. The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and/or dieldrin were detected in four soil samples at concentrations above their respective UUSCOs. No pesticides were detected above the RRSCOs.
- Up to 20 metals were detected in the soil samples analyzed during the Phase II Investigation. Arsenic, barium, cadmium, copper, hexavalent chromium, lead, mercury, silver, and zinc were detected at concentrations above their respective UUSCOs. Of these exceedances, barium, cadmium, copper, lead, and mercury were also detected at concentrations above their respective RRSCOs.

Remedial Investigation:

- In an effort to delineate the extent of petroleum contamination observed at boring SB-9 during the 2017 Phase II Investigation, soil borings RI-SB-1, RI-SB-1N, RI-SB-10, RI-SB-11, RI-SB-12, RI-SB-12E, and RI-SB-12E2 were advanced around boring SB-9. Evidence of grossly-contaminated media, including petroleum-like odors and elevated PID readings, were encountered at borings RI-SB-1, RI-SB-10, RI-SB-11, RI-SB-12, and RI-SB-12E down to a maximum depth of approximately 20 feet below grade. PID readings were detected up to 4,254 ppm, the highest of which were detected in boring RI-SB-12E, immediately above the water table. Elevated PID readings up to 15,000 ppm and petroleum-like odors were detected in borings RI-SB-7, RI-SB-8, and RI-SB-9, advanced in the former gasoline station. The highest PID readings were detected in boring RI-SB-7 down to approximately 15 feet below grade. As previously mentioned, the portion of the Site in which the spill incident was located has since been removed from the larger BCP Site.
- Acetone, benzene, and total xylenes were detected at concentrations above their respective UUSCOs, but below the RRSCOs, at concentrations up to 6.9 mg/kg. No VOCs were detected above their respective RRSCOs.
- Up to eight PAHs were detected above their respective UUSCOs and/or RRSCOs in 16 soil samples. Individual concentrations ranged from 0.34 to 10 mg/kg.
- PCBs were detected above the UUSCO of 0.1 mg/kg in 11 soil samples at concentrations ranging from 0.59 to 2.1 mg/kg. Total PCBs were also detected above the RRSCO of 1 mg/kg in 3 samples [RI-SB-1 (3-5), RI-SB-X, and RI-SB-10(7-9)] at concentrations of 1.4 mg/kg, 1.3 mg/kg, and 2.1 mg/kg, respectively. The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, delta-BHC, dieldrin, and endrin were detected in up to 13 soil samples at concentrations above UUSCOs, but below RRSCOs. Concentrations ranged from 0.011 mg/kg to 0.14 mg/kg.
- Up to 13 metals were detected in the soil samples analyzed during the RI above laboratory reporting limits. The following metals were detected at concentrations above the UUSCOs: arsenic (maximum concentration of 27.5 mg/kg), barium (maximum concentration of 508 mg/kg), cadmium (maximum concentration of 13.9 mg/kg), copper (maximum concentration

of 9,540 mg/kg), lead (maximum concentration of 839 mg/kg), mercury (maximum concentration of 3.2 mg/kg), nickel (maximum concentration of 44.3 mg/kg), silver (maximum concentration of 4.2 mg/kg), and zinc (maximum concentration of 6,220 mg/kg) were detected. Of these exceedances, arsenic, barium, cadmium, copper, lead, and mercury were detected at concentrations above the RRSCOs.

Results of the groundwater sample analysis were as follows:

- Up to seven petroleum-related VOCs, including benzene, ethylbenzene, isopropylbenzene, m/p-xylene, o-xylene, MTBE, and toluene were detected in groundwater samples RI-MW-7 and RI-MW-9 at concentrations above the AWQS. Concentrations ranged from 2.2 µg/L to 75 µg/L.
- Up to 15 SVOCs were detected in the groundwater samples at concentrations ranging from 0.57 µg/L to 20 µg/L. Detections primarily consisted of PAHs. Benzo(a)anthracene was detected above its AWQS of 0.002 µg/L in sample RI-MW-2 and the associated blind duplicate, RI-MW-X, at concentrations of 1.1 µg/L and 0.83 µg/L, respectively. Benzo(a)pyrene was detected above its AWQS of non-detect, in samples RI-MW-2 and RI-MW-X at concentrations of 0.91 µg/L and 0.57 µg/L, respectively. Chrysene was detected above its AWQS of 0.002 µg/L in sample RI-MW-2 at a concentration of 1.1 µg/L. Naphthalene was detected above its AWQS of 10 µg/L in sample RI-MW-7 at a concentration of 11 µg/L.
- No pesticides or PCBs were detected above laboratory reporting limits in any of the groundwater samples.
- Seven metals (antimony, chromium, iron, lead, magnesium, manganese, and sodium) were detected in at least one groundwater sample in the total analyses and/or dissolved analyses at concentrations exceeding the AWQS. Metals concentrations above the AWQS ranged from 4.1 µg/L to 475,000 µg/L.
- Three groundwater samples (RI-MW-1, RI-MW-3, and RI-MW-9) were analyzed for the list of 21 per- and polyfluoroalkyl substances (PFAS) compounds by EPA Method Modified 537. While there is no standard for individual PFAS compounds in groundwater, the USEPA Drinking Water Health Advisory Level is 70 nanograms per liter (ng/L), or parts per trillion (ppt), for the combined concentrations of PFAS. The combined concentration of PFAS were reported above 70 ppt in each of the three groundwater samples at concentrations ranging from 158 to 1,149 ppt.

There are currently no regulatory standards or guidance values for VOCs in soil vapor. As such, the detected compounds were not compared to a standard. Results of the soil vapor sample analyses were as follows:

- VOCs typically associated with petroleum (including benzene, toluene, ethylbenzene, xylenes, 2,2,4-trimethylbenzene, cyclohexane, ethanol, methyl ethyl ketone, heptane, and hexane) were detected at individual concentrations up to 6,800,000 µg/m³.
- Solvent-related VOCs (including 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, acetone, carbon disulfide, chloroform, PCE, and TCE) and the refrigerants dichlorodifluoromethane and trichlorofluoromethane were detected at individual concentrations up to 16,000 µg/m³ (1,1-dichloroethane in sample RI-SV-4). 1,1-dichloroethene was detected in sample RI-SV-4 at a concentration of 93 µg/m³. PCE was detected in four samples at concentrations ranging from 7.6 to 140 µg/m³. TCE was detected above its AGV of 2 µg/m³ in two soil vapor samples (RI-SV-1 and RI-SV-4) at concentrations of 150 µg/m³ and 25 µg/m³, respectively.

Pre-Design Investigation Report, 601 West 29th Street, New York, NY, AKRF, Inc., March 2019

AKRF conducted a Pre-Design Investigation (PDI) at the Site between November 2018 and January 2019, in accordance with the NYSDEC-approved Pre-Design Investigation Work Plan (PDIWP). The PDIWP was included as Appendix F of the Remedial Action Work Plan (RAWP). The goal of the PDI was to investigate soil, groundwater, and soil vapor in the central and southeastern portions of the Site, which were inaccessible during previous investigations, and to support the proposed remedy.

The PDI included: the advancement of 12 soil borings with the collection and laboratory analysis of 31 soil samples; installation of four temporary monitoring wells with the collection and laboratory analysis of four groundwater samples for chemical analysis; and the installation of six soil vapor points with the collection and analysis of six soil vapor samples and one ambient (outdoor) air sample.

Results of the soil sample analysis were as follows:

- Nine of the 53 VOCs analyzed for during the PDI were detected in one or more of the soil samples. Ethylbenzene and total xylenes were detected above the RRSCOs in sample PDI-SB-12(16-18) at concentrations of 67 mg/kg and 202 mg/kg, respectively.
- Up to seven SVOCs were detected above their respective UUSCOs and/or RRSCOs in 16 soil samples. Individual concentrations ranged from 0.34 to 14 mg/kg.
- PCBs and pesticides were not detected above the UUSCOs or RRSCOs in any soil samples.
- Six metals (arsenic, barium, copper, lead, mercury, and zinc) were detected in at least one of the soil samples at concentrations above UUSCOs and/or RRSCOs.
- Arsenic (maximum concentration of 32.2 mg/kg), barium (maximum concentration of 607 mg/kg), copper (maximum concentration of 103 mg/kg), lead (maximum concentration of 1,660 mg/kg), mercury (maximum concentration of 1.1 mg/kg), and zinc (maximum concentration of 985 mg/kg) were detected at concentrations above their respective UUSCOs. Of these exceedances, arsenic, barium, lead, and mercury were detected at concentrations above the RRSCOs.

Results of the groundwater sample analysis were as follows:

- The petroleum-related VOCs, benzene and MTBE, were detected in groundwater sample PDI-MW-05 at concentrations of 2.1 micrograms per liter (µg/L) and 34 µg/L, respectively, above the Class GA AWQS. No other VOCs were detected above the AWQS in the groundwater samples.
- Up to 12 SVOCs were detected in each of the groundwater samples at concentrations ranging from 0.79 µg/L to 32 µg/L. Acenaphthene was detected in sample PDI-MW-05 at a concentration of 32 µg/L, above the AWQS of 20 µg/L. Benzo(a)anthracene was detected in sample PDI-MW-01 at a concentration of 1.1 µg/L, above the AWQS of 0.002 µg/L. Benzo(a)pyrene was detected in sample PDI-MW-01 at an estimated concentration of 0.79 µg/L, above the AWQS of non-detected. Chrysene was detected in sample PDI-MW-01 at an estimated concentration of 1 µg/L, above the AWQS of 0.002 µg/L.

Results of the soil vapor sample analysis were as follows:

- VOCs typically associated with petroleum (including BTEX, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, butane, cyclohexane, n-heptane, n-hexane, and MTBE) were detected at individual concentrations up to 1,700 µg/m³. Solvent-related VOCs

(including 1,1-dichloroethane, 2-hexanone, acetone, carbon disulfide, carbon tetrachloride, chloroform, PCE, tetrahydrofuran, and TCE) and the refrigerants chlorodifluoromethane, dichlorodifluoromethane, and trichlorofluoromethane were detected at individual concentrations up to 270 $\mu\text{g}/\text{m}^3$ (acetone in sample PDI-SV-06).

Phase II, RI, and PDI soil sample concentrations above the NYSDEC UUSCOs and/or RRSCOs are shown on Figure 3. RI and PDI groundwater sample concentrations above the NYSDEC AWQS are shown on Figure 4. Historic groundwater sample concentrations above the NYSDEC AWQS are shown on Figure 4a. Phase II, RI, and PDI soil vapor concentrations of VOCs are shown on Figure 5.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the RI and PDI, the following Remedial Action Objectives (RAOs) were identified for this Site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAOs

Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the Site.

2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy selected by NYSDEC in the Remedial Action Work Plan (RAWP) dated May 2019 and the Decision Document dated July 2019.

The factors considered during the selection of the remedy are those listed in 6 NYCRR 375-1.8. The following are the components of the selected remedy:

1. The former on-site buildings were demolished to enable the remediation of contaminated soils. Materials that could not be beneficially reused on-site were taken off-site for proper disposal to implement the remedy. Site excavation included removal of underground storage tanks, fill ports, underground piping, and vents, and off-site disposal of all on-site soil above Track 1 UUSCOs, as defined by 6 NYCRR Part 375-6.8 with a contingency for Track 4 SSSCOs. This included excavation and disposal of 39,259.48 tons of soil/fill material.
2. A PDI was conducted prior to implementing the proposed remedy to collect additional soil, groundwater, and soil vapor samples in areas that were previously inaccessible during the RI

in the southeastern and central portions of the Site. The PDI findings were incorporated into the finalized RAWP.

3. Screening for indications of contamination (by visual means, olfactory, and monitoring with a PID) of all excavated soil during any intrusive Site work.
4. Installation of support of excavation (SOE) necessary to enable excavation of contaminated soil. These activities complied with applicable vibration monitoring, associated studies and plans, and any local- and state-required controlled inspections. Dewatering and treatment in accordance with New York City Department of Environmental Protection (NYCDEP) sewer discharge requirements was implemented, as necessary, to enable the remedial excavation activities.
5. Appropriate off-site disposal of all material removed from the Site in accordance with applicable federal, state, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities were selected based on the data that has been collected to date and waste classification soil sampling.
6. A Community Air Monitoring Plan (CAMP) was implemented during all intrusive Site activities to monitor levels of VOCs and particulates within the active work-zones and around the perimeter of the Site.
7. Collection and analysis of post-excavation endpoint soil samples at the base of the excavation Site-wide, and around any hotspots or tanks (if encountered). Endpoint samples were used to evaluate the performance of the remedy with respect to attainment of Track 1 UUSCOs. If endpoint samples did not meet the Track 1 UUSCOs, further excavation was completed until they were met. Track 4 SSSCOs were achieved for the Controlled Property (area of parking garage).
8. Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to replace the excavated soil and establish the designed grades at the Site in select areas.
9. All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, were addressed in accordance with all applicable federal, state, and local rules and regulations.
10. Construction and maintenance of an engineered composite cover system within the Track 4 cleanup area consisting of concrete building foundations and a minimum 2-foot clean fill buffer with a demarcation barrier beneath the concrete building slab to prevent human exposure to residual contaminated soil/fill remaining under the Site.
11. Recording of an Environmental Easement (EE) for the Track 4 cleanup area, including Engineering Controls (ECs) and Institutional Controls (ICs), to prevent future exposure to any residual contamination remaining at the Site.
12. Preparation of a Site Management Plan (SMP) for long-term management of residual contamination within the Track 4 cleanup area as required by the EE, including plans for: (1) ICs and ECs, (2) monitoring, (3) operation and maintenance, and (4) reporting.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for the Site was performed as a single project, and no interim remedial measures, operable units, or separate construction contracts were performed.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the West 29th Street site, dated May 2019. All deviations from the RAWP are noted in Section 4.8.

4.1 Governing Documents

The NYSDEC-approved May 2019 RAWP included standalone-supporting documents as appendices or cross-referenced the appendices included in the RAWP. These approved documents outlined specific aspects of the remedial action pertaining to Site-specific health and safety and sampling protocols. The following documents were utilized during the completion of the remedial action.

4.1.1 Site Specific Health & Safety Plan (HASP)

A Site-specific HASP, included as Appendix H of the NYSDEC-approved RAWP, was implemented during all remedial work. The HASP included hazards and chemicals of concern, requirements for personnel training, a description of Site work zones, protocols for work zone and CAMP monitoring, designated personal protection equipment (PPE), and emergency response procedures. The HASP identified key project personnel and their responsibilities. An AKRF-designated Site Safety Officer (SSO) was present during all intrusive remedial work to document safe working procedures and perform real-time work zone air monitoring with a PID. All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by federal OSHA. The HASP was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

All sampling associated with this project was conducted in accordance with the NYSDEC-approved QAPP, which was included as Appendix G of the RAWP. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives. The QAPP details field screening and sampling methodologies, and sample submittal and reporting requirements; and includes the project team responsible for implementing the remediation requirements and provisions set forth in the RAWP.

4.1.3 Construction Quality Assurance Plan (CQAP)

The CQAP, provided as Appendix J of the RAWP, managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

4.1.4 Soil/Materials Management Plan (S/MMP)

A Soil/Materials Management Plan (S/MMP) was included in Section 7.4 of the RAWP. The S/MMP established procedures and methods for managing all soils/materials disturbed at the Site, including excavation, handling, storage, transport, disposal, and importation. The S/MMP was implemented during material handling conducted under the remedial work to assure effective, nuisance free performance of soil management work in compliance with all applicable federal, state, and local laws and regulations. The S/MMP was complied with for all applicable remedial and invasive work performed at the Site.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

A SWPPP was not prepared, as the Site is located within a combined sanitary and storm sewer system. Erosion and sediment controls implemented at the Site conformed to requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control Erosion. Sediment control measures were installed at the Site prior to conducting any ground-intrusive work. These measures were installed according to applicable or relevant and appropriate federal, state, and local laws.

The measures provided for abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures included procedures for perimeter Site controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and airborne particulate suppression. Designated personnel under the direct supervision of the Remedial Engineer (RE) conducted routine inspections and any repairs and/or maintenance of control measures were completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the Site were inspected to ensure that no soil adhered to the wheels or undercarriage of the vehicle leaving the Site. Any situations involving material spilled in transit, or dirt tracked off-site, were immediately remedied. Road maintenance, including sweeping, was performed on an as-needed basis during all applicable remedial and invasive work performed at the Site.

4.1.6 Community Air Monitoring Plan (CAMP)

The principal purpose of the CAMP (included as part of the HASP in the RAWP) was to monitor air quality in the vicinity of remedial activities. The CAMP measures consisted of monitoring dust, vapors, and nuisance odors on a periodic/roving basis and implementing response actions as needed. Under the CAMP, real-time air monitoring for particulate matter/dust and VOCs, observations for visible emissions and odors, and inspection and monitoring of the contractor's work practices were ongoing during the completion of remedial work.

Community air monitoring consisted of two fixed, automated stations to continuously log both instantaneous readings and 15-minute time-weighted averages (TWAs) for VOCs and particulates with a MiniRAE 3000 PID and TSI 8530 DustTrak particulate meter. The stations were generally located upwind and downwind of the intrusive work, along the perimeter of the Site, as shown on Figure 6. Station locations varied throughout the remedial action, depending on the location of work, and weather conditions.

Roving (work zone) air monitoring was also performed periodically (at a minimum once per hour) around any invasive work areas using a PID and particulate meter to address the health and safety concerns during the Site remediation and to monitor air quality within the breathing zone.

CAMP monitoring results and response actions are summarized in Section 4.2.5.

4.1.7 Contractors Site Operations Plans (SOPs)

The RE, or designated personnel under direction supervision of the RE, reviewed all plans and submittals for this remedial project (i.e., those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work, as necessary.

4.1.8 Community Participation Plan

A Citizen Participation Plan (CPP) was submitted to NYSDEC for review in April 2018. A Project Fact Sheet describing the approved plan for remedial action was forwarded to persons on the Project contact list in accordance with the NYSDEC-approved CPP. The CPP for this project was provided in Appendix I of the RAWP.

A certification of mailing was sent by the Applicant to the NYSDEC project manager following the distribution of all Fact Sheets and notices that included: (1) certification that the Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheet; and (4) a list of recipients (contact list).

No changes were made to approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC. No other information, such as brochures or flyers, was included with the Fact Sheet mailing.

Document repositories were established at the following locations and contain all applicable project documents:

Muhlenberg Library 209 West 23 rd Street New York, NY 10011 Phone: (212) 924-1585 Hours: Monday-Thursday: 10am-7pm Friday-Saturday: 10am-5pm Sunday: Closed	Manhattan Community Board 4 330 West 42 nd Street, Suite 2618 New York, NY 10036 Phone: (212) 736-4536 Hours: Monday-Friday: 9am-5pm	NYSDEC 625 Broadway Albany, NY 12233-7016 Phone: (518) 402-9824 Hours: Monday-Friday: 9am-5pm
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4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Consultants

- AKRF, Inc. (AKRF) served as the Environmental Engineer and Qualified Environmental Professional (QEP) responsible for oversight and performance of the remedial work with respect to the NYSDEC-approved RAWP and Decision Document under the oversight of the designated Remedial Engineer.
 - o The Remedial Engineer for this project is Michelle Lapin, P.E. of AKRF. The Remedial Engineer is a registered Professional Engineer licensed by the State of New York (License No. 073934-1) and had primary responsibility for implementation of the remedial program for the Site.
 - o The AKRF Project Director and QA/QC Manager for this project was Marc Godick, LEP. The project director was responsible for the general oversight of all

aspects of the project, including budgeting, data management, and field program decision-making. The project director communicated regularly with all members of the AKRF project team, Volunteer, and NYSDEC to ensure a smooth flow of information between involved parties. The QA/QC Manager's primary responsibility as project manager was to oversee and manage implementation of the RAWP, attend Site meetings and correspondence with the Site owner and regulatory agencies, and oversee preparation of the FER.

- o The AKRF Project Manager for this project was Adrianna Bosco. The primary responsibility of the Project Manager was to oversee the daily field activities associated with implementing the RAWP, assist with the remedial activities in the field, scheduling, reporting, and correspondence with regulatory agencies.
- o The primary AKRF Site Safety Officer (SSO) and field technician for this project was Tom Giordano. The SSO was responsible for implementing the RAWP, HASP, and CAMP in the field, and daily reporting.
- FXCollaborative Architect, LLP of New York, NY served as the architect.
- WSP USA of New York, NY served as the structural engineer.
- Consentini Associates of New York, NY served as the mechanical, electrical, and plumbing (MEP) engineer.
- Langan Engineering & Environmental Services served as the civil engineer, geotechnical engineer, and as a NYS-licensed surveyor.
- SWA/Balsley of New York, NY served as the landscape architect.
- Charles Warren of Kramer Levin Naftalis & Frankel LLP served as the environmental attorney.
- True North Surveyors, PC of White House Station, NJ served as the NYS-licensed surveyor.

Developer and Contractors

- Levine Builders of Douglaston, NY was the construction manager for all remediation activities, including foundation construction, dewatering, excavation and off-site disposal of soil and fill material, and vapor barrier/waterproofing installation.
- Oliviero Construction Corp. of Riverside, CT served as the foundation contractor.
- Impact Environmental of Bohemia, NY served as the soil broker and disposal approval manager.
- Keller North America, Inc., (f/k/a Moretrench American Corporation) of Rockaway, NJ installed all piles and foundation support for the new building and parking garage.

4.2.2 Site Preparation

On June 25, 2019, a pre-construction meeting was held with representatives of NYSDEC, AKRF, the Volunteer, general contractor, foundation contractor, and the soil broker.

The Volunteer complied with all federal, state, and local requirements during the remedial work at the Site. All permits and government approvals required for remedial construction were obtained prior to the start of remedial construction.

A complete list of all local, regional, and national governmental permits, certificates, or other approvals or authorizations required to complete the remedial and development work is included in Table 4. This list includes the originating agency and a contact phone number in that agency.

Documentation of NYSDEC approvals required by the RAWP is included in Appendix D. Other permits relating to the remediation project are provided in Appendix E.

4.2.3 General Site Controls

- **Site Security** – The Site was completely closed from public access during remedial activities by locking gates along 11th Avenue and West 29th Street. Security turnstiles were installed to ensure no unauthorized personnel were able to access the Site. During some work activities, the entrance gate(s) was open, but use was restricted to authorized personnel and pedestrians were restricted from entering the Site. A security guard was stationed at the Site following the completion of work each day and on weekends.
- **Job Site Record Keeping** – Job site record keeping was appropriately documented during the completion of all phases of the remedial work by taking notes in dedicated field books, filling out appropriate sampling log sheets, taking digital photographs, and collecting available copies of disposal or material specification documentation from contractors completing the remedial work.
- **Erosion and Sediment Controls** – Erosion and sediment controls included a stabilized construction pad at truck entrances/exits, drainage inlet protection, and dust suppression using hoses connected to a fire hydrant. Routine inspections, repairs, and maintenance of control measures were completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the Site were inspected to ensure that no soil adhered to the wheels or undercarriage of the vehicles leaving the Site. No situations occurred involving material spilled in transit and all mud and dust tracked off-site was promptly cleaned up. The access routes were inspected for road conditions, overhead clearance, and weight restrictions. No erosion or sedimentation problems occurred during performance of the remedial work.
- **Equipment and Material Staging** – Staging and storage of equipment and materials were contained within the secured Site trailer or on-site locking storage sheds during completion of the remedial work. Site machinery was shut down and locked on-site at the end of each work day.
- **Soil Screening Results** – During remedial excavation, elevated PID readings, odors, and staining were observed in soil beneath the former gasoline station (Grids A6, A7, B6, and B7) and Grid D7, and in shallow soil in Grid D2. The contaminated soil was disposed of off-site at the Former NJ Zinc Site in Palmerton, PA. The contaminated soil was field-screened as it was excavated and separated from apparent clean soil.
- **Equipment Decontamination Procedures** – All soil sampling equipment was either dedicated or decontaminated between sampling locations. The equipment decontamination procedure established in the QAPP, included in Appendix K of the November 2016 NYSDEC-approved RAWP, was implemented during use of any non-dedicated sampling equipment.
- **Stockpile Methods** – Excavated materials were screened continuously for the presence of contamination during all earthwork. Material was separated by waste streams (i.e., disposal facility) and construction wastes. Excavated materials were segregated (based

on field screening results) and placed on, and covered with, polyethylene sheeting pending off-site disposal at the appropriate receiving facility.

4.2.4 Nuisance Controls

- **Truck Wash and Egress Housekeeping** – Egress points for truck and equipment transport from the Site were kept clean of dirt and other materials during remedial work using hoses connected the fire hydrants via a reduced pressure zone (RPZ) valve and brooms. Material transported by trucks exiting the Site was secured with tight-fitting covers.
- **Dust Control** – Dust was monitored using hand held particulate monitoring equipment on a roving basis and at upwind and downwind fixed monitoring stations. The fixed stations were capable of using radio telemetry to send real time alarms to field personnel if the CAMP air monitoring action levels were exceeded. Dust suppression necessitated by soil removal, demolition work, cutting concrete, and chopping bedrock was achieved through the use of hoses capable of spraying water directly onto excavations and temporary staging areas.
- **Odor Control** – Odors were monitored within the work zone and community via olfactory inspection and with a PID. During excavation in the northeastern portion of the Site, BioSolve Pinkwater was applied as a preventative measure to the open excavation to suppress odors and protect the safety of workers and the public.
- **Truck Routing** – Truck routes were established as part of the RAWP. Trucks entering the Site took the 36th Street Exit from the Lincoln Tunnel toward Interstate-495 East/Downtown/Madison Square Garden; continued right onto Dyer Avenue; turned right onto West 34th Street; turned left onto 11th Avenue; and turned right onto West 29th Street. Trucks exiting the Site continued on West 29th Street toward 12th Avenue; turned right onto 12th Avenue; turned right onto West 42nd Street; turned right onto 11th Avenue; turned left onto West 40th Street; and merged onto NY-495 West/Lincoln Tunnel toward New Jersey.
- **Complaints Response** – No complaints were identified or received during the completion of the remedial work.

4.2.5 CAMP Results

Community air monitoring was performed for VOCs and airborne particulate matter at upwind and downwind fixed monitoring stations at the perimeter of the Site during all remedial activities. Station locations were adjusted daily depending upon wind conditions, planned work locations, and logistical feasibility based on Site work.

Instantaneous action level exceedances of airborne particulates and VOCs were reported in the daily report corresponding to the date of the exceedance(s). Exceedances of particulates or VOCs were detected during 69 workdays.

A majority of the instantaneous airborne particulate exceedances were caused by equipment malfunction or recalibration, ambient humidity, nearby vehicular traffic, moving construction materials or machines around the Site, welding, woodworking, and housekeeping activities. The only exceptions include the following instances:

- July 26, 2019: Particulate exceedances between 0.666 mg/m³ and 3.017 mg/m³ were detected at the upwind CAMP enclosure due to breaking up of concrete on-site. Water was used to suppress dust.

- August 2, 2019: Particulate exceedances up to 1.331 mg/m³ due to excavation of fill material in close proximity to the upwind CAMP enclosure. Water was used to suppress dust. A VOC exceedance of 10 ppm was detected at the upwind CAMP enclosure due to excavation of petroleum-contaminated material in close proximity to the upwind CAMP enclosure. The segregated soil was covered soon thereafter, and VOC levels quickly decreased to below the action level.
- September 16, 2019: Particulate exceedances up to 0.571 mg/m³ due to breaking up of concrete in close proximity to the downwind CAMP enclosure. Water was used to suppress dust.
- October 22, 2019: Particulate exceedances between 0.214 mg/m³ and 0.472 mg/m³ due to caisson drilling activities in close proximity to the downwind CAMP enclosure. Water and equipment modifications were used to suppress dust.
- November 11, 2019: Particulate exceedances between 0.287 mg/m³ and 1.316 mg/m³ due to caisson drilling activities in close proximity to the downwind CAMP enclosure. Water and equipment modifications were used to suppress dust.
- November 15, 2019: Particulate exceedances between 0.18 mg/m³ and 0.278 mg/m³ due to caisson drilling activities in close proximity to the downwind enclosure. Water and equipment modifications were used to suppress dust.
- December 18, 2019: Particulate exceedances up to 0.411 mg/m³ due to breaking up and demolition of asphalt and concrete in close proximity to the upwind enclosure. The enclosure was moved upwind of the work activities, to illustrate representative upwind conditions.
- January 23, 2020: Particulate exceedance of 0.178 mg/m³ at the downwind enclosure due to an unknown cause.
- January 31, 2020: Particulate exceedance of 0.316 mg/m³ due to breaking up of grout upwind of the downwind enclosure. Water was used to suppress dust.
- February 1, 2020: Particulate exceedances up to 0.359 mg/m³ due to breaking up of grout upwind of the downwind enclosure. Water was used to suppress dust.
- February 3, 2020: Particulate exceedance of 0.914 mg/m³ due to backfilling of an excavation with imported stone in close proximity to the upwind enclosure. No action was taken. Particulate exceedance of 0.666 mg/m³ due to breaking up of grout upwind of the downwind enclosure. Water was used to suppress dust.
- February 27, 2020: Particulate exceedance of 0.459 mg/m³ at the upwind enclosure due to an unknown cause.
- March 7, 2020: Particulate exceedances between 0.631 mg/m³ to 0.680 mg/m³ at the downwind enclosure due to an unknown cause.

No VOC exceedances were identified during the remedial action, with the exception of the August 2, 2019 event. In cases where the PID registered elevated readings with no known or observed cause, handheld roving equipment was utilized around the CAMP stations to confirm that the readings were not representative of existing conditions, and VOC levels were found to be below the action levels. Additionally, the particulate exceedances were primarily related to construction activities unrelated to handling contaminated soil.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix F.

4.2.6 Reporting

- **Daily Reports** – Daily reports were submitted to the NYSDEC project manager throughout the duration of the remedial action in accordance with the approved RAWP. The daily reports included an update of progress made during the reporting day, locations of work and quantities of material imported and exported from the Site, references to alphanumeric map for Site activities, a summary of CAMP finding, including exceedances, an explanation of notable Site conditions, photographs, and fixed monitoring station data.
- **Monthly Reports** – Monthly reports were submitted to the NYSDEC project manager continuously throughout the duration of the remedial action. The monthly reports included a description of activities relative to the Site during the previous reporting period and those anticipated for the next reporting period, including a quantitative presentation of work performed (i.e., tons of material exported and imported, etc.), a description of approved activity modifications, including changes of work scope and/or schedule, sampling results received following internal data review and validation, as applicable, and an update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays.

All daily and monthly reports are included in electronic format in Appendix G. The digital photo log documenting implementation of the RAWP is included in electronic format in Appendix H.

4.3 Contaminated Materials Removal

The objectives for the remedial program were established through the remedy selection process stated in 6 NYCRR Part 375. The contaminated materials removal portion of the remedial program set out to restore the Site to pre-disposal conditions to the extent practicable.

The contaminated materials removal portion of the remedial program was established based on a Track 1 Unrestricted Use and Track 4 Restricted Residential cleanup as amended by the SSSCOs, as established in the RAWP and DD. The Track 4 cleanup included the excavation and off-site disposal of on-site soil that exceeded RRSCOs. As part of remedial development activities, soil/fill was excavated down to approximately 2 feet below sidewalk grade plus approximately 3 feet above sidewalk grade from a former building foundation within the slab-on-grade portion of the Site (Track 4 cleanup area). As the Track 4 cleanup criteria was met at 2 feet below grade, no further excavation was completed, and the Track 4 contingency was implemented. Soil/fill was excavated down to approximately 10 to 20 feet below grade for the cellar level (Track 1 cleanup area).

The UUSCOs, RRSCOs, and SSSCOs for the contaminants of concern for the Site are included in Attached Tables 1, 2, and 3, respectively. A total of 39,259.48 tons of non-hazardous soil were removed from the Site and transported for off-site disposal at the appropriate soil disposal receiving facilities. All contaminated soil was removed in accordance with the RAWP and DD. An outgoing truck tracking log is attached as Table 5. A Site plan showing approximate excavation locations and depths is provided as Figure 7. In-text Table 1 shows the total quantities of each category of material removed from the Site and the disposal quantities.

In-Text Table 1
Waste Disposal Summary

Waste Stream	Disposal Facility	Quantity Disposed	Disposal Dates*
Clean Fill	Impact Recovery & Reuse Center (Lyndhurst, NJ)	3,124.84 tons	11/5/2019 - 4/15/2020
Historic Fill	Impact Recovery & Reuse Center (Lyndhurst, NJ)	2,682.87 tons	10/18/2019 - 2/7/2020
Clean Fill	Doremus Avenue Redevelopment Project (DARP) (Newark, NJ)	116.01 tons	8/21/2019
Alternative Fill	Doremus Avenue Redevelopment Project (DARP) (Newark, NJ)	5,590.34 tons	7/26/2019 - 9/3/2019
Petroleum-Impacted / Regulated Fill	Former NJ Zinc Site (Palmerton, PA)	25,011.25 tons	7/26/2019 - 4/21/2020
Class B Soil	Bayshore Soil Management, LLC (Keasby, NJ)	2,734.17 tons	8/5/2019 - 2/20/2020
Total		39,259.48 tons	
* The dates presented are the dates the waste stream was exported off-site.			

4.3.1 Tank Closure and Removal

Between August 8 and September 4, 2019, five unregistered/unknown USTs were encountered at the Site during remedial excavation activities. Upon discovery of each tank, all findings were reported to the NYSDEC project manager. All discovered tanks were previously unknown, and no documentation was available regarding the tanks prior to encountering them during the excavation work for the ongoing construction activities. Varying degrees of contamination were encountered during the UST removal activities. Additional details related to these activities are summarized below.

UST-1

On August 8, 2019, one 1,080-gallon No. 2 fuel oil UST (denoted as UST-1) was encountered in Grid D6 at approximately 4 feet below sidewalk grade. The tank, which was in a concrete vault, appeared to be in good condition with no visible pitting or damage. A faint petroleum-like odor was noted within the surrounding soil. PID readings in soil surrounding the tank grave were detected at concentrations up to 160 ppm. No apparent staining was observed within the surrounding soil. The tank was separated from the concrete vault and placed on dedicated plastic sheeting pending off-site disposal. Based on correspondence with NYSDEC, AKRF collected one post-excavation endpoint soil sample (UST-1-B_4_20190809) from beneath the UST vault on August 8, 2019. The sample was submitted to Eurofins TestAmerica (TestAmerica) of Edison, New Jersey for analysis of Target Compound List (TCL) VOCs, TCL SVOCs, TCL pesticides, PCBs, and TAL metals. The laboratory analytical results indicated that the SVOCs benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene were detected above the NYSDEC RRSCOs at concentrations of 1.1 mg/kg and 0.69 mg/kg, respectively. Lead was detected at a concentration of 426 mg/kg, above the RRSCO of 400 mg/kg. Mercury was detected at a concentration of 0.2 mg/kg, above the UUSCO of 0.18 mg/kg, but below the RRSCO of 0.81 mg/kg. No VOCs, PCBs, or pesticides were detected above the NYSDEC UUSCOs or RRSCOs.

UST-2

On August 14, 2019, a 1,080-gallon No. 2 fuel oil UST (denoted as UST-2) was encountered during excavation in Grid D7 at approximately 4 feet below sidewalk grade. The tank appeared to be in fair condition with some staining and a large penetration on one end of the tank. A faint petroleum-like odor was noted within the surrounding area with spikes in PID readings of the ambient air detected at concentrations up to 95 ppm. No PID readings or staining were encountered in soil surrounding the tank grave. The tank was placed on and covered with dedicated plastic sheeting, pending future off-site disposal. Minimal water leaked from the tank onto the surrounding soil; however, no sheen or free product was observed. After consulting with NYSDEC, AKRF collected five endpoint samples from beneath the tank grave: one from each sidewall to the north (UST-2-N_2_20190815), south (UST-2-S_2_20190815), east (UST-2-E_2_20190815), and west (UST-2-W_2_20190815), and one from the bottom of the tank grave (UST-2-B_4_20190815). The samples were submitted to TestAmerica for analysis of TCL VOCs, TCL SVOCs, TCL pesticides, PCBs, and TAL metals. The laboratory results indicated that the SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h) anthracene, and indeno(1,2,3-cd)pyrene were detected above the RRSCOs at concentrations ranging from 1 mg/kg to 4.6 mg/kg. The metals barium (maximum 646 mg/kg), lead (maximum 2,270 mg/kg), and mercury (maximum 5 mg/kg) were detected at concentrations above the RRSCOs. No VOCs, PCBs, or pesticides were detected above the UUSCOs or RRSCOs.

On August 22, 2019, UST-1 and UST-2 were cleaned by Tanks A Lot of Brooklyn, New York (a division of A.B.C. Tank Repair & Lining Inc.). The tank contents, including sludge and cleaning fluids, were pumped into a vacuum truck for off-site disposal. Approximately 800 gallons of sludge and cleaning fluids were disposed of at Tradebe TNR Northeast LLC of Dunellen, New Jersey. The cleaned tank carcasses were removed from the Site as scrap metal on August 23, 2019.

UST-3

On August 28, 2019, a 200-gallon tank (denoted as UST-3) was encountered during excavation in Grid B7 at approximately 7 feet below sidewalk grade. The tank appeared to be in fair condition with some staining and a small penetration on the top of the tank. As the tank appeared to be full with liquid, it was left in place and covered with plastic sheeting until it could be properly pumped out and the tank contents contained. A faint petroleum-like odor was noted within the surrounding area. PID spikes within the ambient air were detected intermittently at concentrations up to 120 ppm. Based on the shape of the tank (rectangular) and location, the tank was later determined by the tank removal contractor to be a former oil-water separator AST associated with the historic gasoline/service station. UST-3 was cleaned and disposed of off-site in conjunction with tanks UST-4 and UST-5.

UST-4 and UST-5

On September 4, 2019, two 550-gallon No. 2 fuel oil USTs (denoted as UST-4 and UST-5) were encountered during excavation in Grid B6 (bordering Grids B7, A6, and A7) at approximately 8 feet below sidewalk grade. The tanks appeared to be in fair condition with some staining and multiple penetrations (due to pitting) around each of the tanks. Strong petroleum-like odors were noted within the surrounding area and within the groundwater and surrounding soil below the tanks. Between September 5 and 10, 2019, tanks UST-3

through UST-5 were cleaned by Tanks A Lot of Brooklyn, New York. Tank contents and cleaning fluids were contained in 55-gallon drums and disposed of at Tradebe TNR Northeast LLC of Meriden, Connecticut. The cleaned tank carcasses were removed from the Site as scrap metal on September 9 and 10, 2019. Based on correspondence with NYSDEC and that UST-3, UST-4, and UST-5 were discovered in close proximity to one another, four endpoint samples were collected from the sidewalls of the combined tank grave (UST-345-N_9_20190905, UST-345-S_9_20190905, UST-345-E_9_20190905, and UST-345-W_9_20190905) and one groundwater sample (UST-345-GW_20190905) was collected from the center of the combined tank grave. The soil and groundwater samples were submitted to TestAmerica for analysis of the NYSDEC Final Commissioner Policy (CP-51) list of VOCs and SVOCs.

The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, n-propylbenzene, toluene, and xylenes were detected in the soil samples at concentrations above the UUSCOs, ranging from 0.085 mg/kg to 31 mg/kg, but below the RRSCOs. The SVOCs benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno[1,2,3-cd]pyrene, were detected at concentrations above the UUSCOs and RRSCOs at concentrations ranging from 0.43 mg/kg to 2.8 mg/kg.

In the groundwater sample, the VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, isopropylbenzene, n-propylbenzene, and toluene were detected at concentrations above the AWQSGVs, ranging from 5.4 to 92 µg/L. The SVOCs benzo[a]anthracene, benzo[a]pyrene, and chrysene were detected at concentrations above the AWQSGVs, ranging from 1.0 to 2.2 µg/L.

In all cases, soil surrounding the tanks was further excavated as part of the Site-wide remedy and disposed of off-site at the designated facility. As part of the BCP remediation work, NYSDEC was notified of tank removal activities as they occurred. A PBS Application was submitted to register and close the USTs, following removal, under PBS ID 2-157953. UST closure and removal documentation, including waste disposal manifests and laboratory analytical data, is provided in Appendix I. The tank locations are shown on Figure 8. Tank soil endpoint analytical results are summarized in Tables 6a through 6e. Tank groundwater sample analytical results are summarized in Tables 7a and 7b. Data Usability Summary Reports (DUSRs) were prepared for data generated during the tank removal activities and are included in Appendix J. The DUSRs identified additional qualifiers for specific compounds for specific samples. The qualifiers have been added to the data summary tables and were included in the Electronic Data Deliverables (EDDs) submitted to NYSDEC EQuIS™.

4.3.2 Soil Excavation and Removal

A summary of the waste characterization soil samples and associated analytical results are included in the Waste Characterization Report attached as Appendix K. Waste disposal profiles and facility acceptance letters are included in Appendix L. Manifests and bills of lading are included in electronic format in Appendix M.

4.3.2.1 Waste Characterization Sampling

On January 7 and 10, 2019 and August 20, 2019, AKRF conducted soil waste classification sampling. The procedures and analytical results were documented in a letter report dated January 28, 2019 and a supplemental report dated December 12, 2019.

Based on the typical requirements of regional disposal facilities and material to be classified at the Site, 30 composite soil samples and 30 grab soil samples were collected at

up to 4 depth profiles established across the Site, depending on the location. All soil samples were field-screened using a calibrated PID to measure relative concentrations of VOCs in the soil.

Composite soil samples were analyzed for:

- SVOCs plus 20 Tentatively Identified Compounds (TICs) by EPA Method 8270, and New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (SRS) and Soil Conservation Services (SCS) compounds;
- TAL metals and trivalent chromium by EPA Methods 6010/7471;
- Hexavalent chromium;
- Leachable RCRA metals plus copper, nickel, and zinc by the Toxicity Characteristic Leaching Procedure (TCLP);
- PCBs by EPA Method 8082;
- Pesticides by EPA Method 8081, plus NJDEP SRS and SCS compounds;
- Herbicides by EPA 8151;
- New Jersey Extractable Petroleum Hydrocarbons (EPH), non-fractionated;
- Total cyanide by EPA Method 6012;
- Ignitability, corrosivity, and reactivity; and
- Paint filter by EPA Method 9095 (sample WC-C3-C_0-8 only).

Each grab sample was collected using Encore[®] sampling devices and analyzed for VOCs plus 10 TICs by EPA Method 8260 and NJDEP SRS and SCS compounds, and total petroleum hydrocarbons (TPH) for Diesel Range Organics (DRO) extended to C44. The grab samples were collected from a 1-foot interval exhibiting the greatest degree of contamination in each grid and depth profile based on PID readings and/or field observations. In the absence of contamination, the grab sample was collected from an interval of historic fill material or the middle of the respective sampling depth profile.

PID readings ranging from 1 to 618 ppm were detected in nine of the 15 soil borings advanced throughout the Site. The highest PID readings were detected in boring SB-D3 (Grid D3) at approximately 11 to 12 feet below grade, where a petroleum-like odor was also observed.

Analytical results are summarized below:

- Low levels of VOCs were detected in 27 of the 30 grab samples collected from the Site. Concentrations ranged from 0.00012 mg/kg of MTBE to 570 mg/kg of m/p-xylene. The highest concentrations were detected in the grab sample collected from the 8 to 16-foot depth profile in Grid B6, which was historically occupied by the gas station and auto repair shop.
- TPH (C10 to C44 range) was detected above the laboratory's reporting limit in 21 of the 30 grab samples at concentrations ranging from 30 to 4,600 mg/kg.
- PAHs were detected in 28 of the 30 of the composite samples collected, with the highest levels detected in Grid D3 from the interval of 8 to 16 feet below grade at concentrations ranging from 0.39 to 39 mg/kg. Other SVOCs and TICs were detected across the Site at concentrations ranging from 0.082 to 26 mg/kg.

- Total metals were detected in the composite samples at concentrations typical of historic fill. The TCLP metals concentrations were well below the RCRA hazardous waste threshold levels.
- Total PCBs were detected in four samples at concentrations ranging from 0.096 mg/kg to 0.67 mg/kg.
- Low levels of the pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and trans-chlordane were detected in up to five composite soil samples at concentrations ranging from 0.0027 to 0.036 mg/kg.
- EPH was detected in 20 of the 30 composite soil samples collected at concentrations ranging from 11 to 3,300 mg/kg.
- Paint filter was not detected in the soil sample analyzed from the Site as part of this investigation (WC-C3-C_0-8). None of the results reported for RCRA characteristics identified the presence of hazardous waste in the composite soil samples analyzed during this investigation.

The laboratory analytical results were submitted to the soil broker, Impact Environmental, Inc., to obtain approvals from disposal facilities prior to excavation of the soil and fill material. The waste classification reports, which included summaries of the samples collected, the sample locations, and analytical results, are provided in Appendix K. Approval letters from disposal facilities are included in Appendix L, and manifests and bills of lading are included in Appendix M.

4.3.2.2 Non-Hazardous Soil Disposal Facility Approval

Based on the results of the waste characterization soil sampling events, permitted disposal facilities were selected to receive soil excavated from the Site.

Waste profiles were prepared and submitted to the following disposal facilities: Doremus Avenue Restoration Project (DARP) in Newark, NJ, Bayshore Soil Management in Keasby, NJ, Impact Environmental in Lyndhurst, NJ, and the former NJ Zinc Site (Palmerton) in Palmerton, PA. The approval letters were submitted to NYSDEC in June 2019. All waste profiles and approval letters from the facilities used to dispose of soil from the Site are enclosed as Appendix L.

After securing the formal approvals from the selected waste disposal facilities, remedial excavation was initiated in July 2019 in accordance with the NYSDEC-approved RAWP. A Site plan showing the remedial excavation areas is provided as Figure 7. Between July 26, 2019 and April 21, 2020, 39,259.48 tons of non-hazardous soil were excavated to a maximum depth of approximately 32 feet below sidewalk grade. Of this material, approximately 33,131 tons of soil/fill were considered "remedial," exceeding the Track 1 UUSCOs. A comparison of the estimated remedial excavation quantities outlined in the RAWP and the actual quantities is provided in Table 8. A complete outgoing truck tracking log with transporter information, grid locations for soil removal/net soil tonnage of each truck is included in Table 5. Non-hazardous and hazardous waste disposal manifests for soil are attached and included in electronic format in Appendix M.

4.3.3 Groundwater

Remedial excavation in the area of the former gas station lot on the northeastern portion of the Site was completed to depths between 15 and 18 feet below sidewalk grade, with smaller areas to depths between 19 and 20 feet below grade, which resulted in removal of

source-related soil within the full footprint to approximately 3 to 5 feet below the water table. As part of remedial excavation activities, dewatering was conducted from the period of October 2019 through February 2020. A total of 311,460 gallons of water were extracted from the subsurface during the dewatering activities. The extracted water was initially treated with activated carbon and discharged to the combined sewer in accordance with a New York City Department of Protection (NYCDEP) sewer discharge permit. During the latter part of dewatering activities, field evidence of petroleum contamination in soil and groundwater (e.g., odors, sheen, elevated PID readings) were no longer observed in the northeastern portion of the Site. Sampling of the extracted groundwater from the dewatering system (influent – without carbon treatment) was conducted on February 3, 2020 in accordance with the NYCDEP sewer discharge requirements. The sampling indicated that VOCs were not detected in the influent sample. The analytical data report for the system sampling conducted on February 3, 2020 is included in Appendix O.

The RAWP included the addition of Oxygen Release Compound (ORC) Advanced[®] following remedial excavation to address residual petroleum contamination in the former gas station lot. NYSDEC approved modification of the RAWP to eliminate the need for placement of ORC in the remedial excavation in the former gas station lot based upon: the remedial excavation extending approximately 3 to 5 feet below the water table; removal of source area soil; extensive dewatering to remove contaminated groundwater from the remedial excavation; visual evidence that all petroleum-contaminated soil and groundwater were removed during remedial excavation and dewatering; and a confirmatory groundwater sample collected during dewatering, which showed VOCs below detection limits.

4.4 Imported Backfill

Between November 26, 2019, and February 18, 2020, approximately 1,196 tons of structural fill – blue stone (composed of crushed virgin bedrock) were imported from Impact Environmental's IRR facility in Lyndhurst, New Jersey.

The structural fill – blue stone was used as part of the Site cap beneath the slab-on-grade portion of the Site and in areas that required over-excavation for remediation purposes. Materials certifications for 2019 and 2020 (including tables summarizing chemical analytical results for backfill in comparison to allowable levels), NYSDEC approvals, and imported stone tickets are included in Appendix N. No soil or other materials were imported to the Site during remediation. A complete incoming truck tracking log with transporter information and net tonnage of each truck is included in Table 9.

4.5 Remedial Performance Sampling and Remaining Contamination

Post-excavation endpoint sample analytical results collected from the Track 1 cleanup area are summarized in Tables 10a through 10e. Final sample locations (depths) achieving the Track 1 SCOs along with acetone exceedances are shown on Figure 9. Post-excavation endpoint sample analytical results collected from the Track 4 cleanup area (Controlled Property) are summarized in Tables 11a through 11e, with exceedances of the UUSCOs and RRSCOs shown on Figure 10.

DUSRs were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix J, and associated raw data for the post-excavation endpoint samples is provided electronically in Appendix O. Laboratory qualifiers assigned to specific samples in the DUSRs have been added to the data summary tables and were included in the EDDs submitted to NYSDEC EQ^{IS}™.

All endpoint sample results and areas of remaining contamination (in comparison to the UUSCOs and RRSCOs, and SSSCOs for soil) are summarized below.

4.5.1 Site-Wide Endpoint Analytical Results – Track 1 Cleanup Area

In accordance with the RAWP, post-excavation endpoint samples were collected from the proposed remedial depths. A total of 36 endpoint samples were collected from the remedial subgrade during excavation for the cellar level of the mixed-use building at depths ranging from 10 to 20 feet below grade. Tables 10a through 10e summarize the results of all the final soil endpoint samples, which were compared to the Track 1 UUSCOs and Track 2 RRSCOs. All samples were submitted under proper chain-of custody protocol to TestAmerica of Edison, New Jersey for analysis of TCL VOCs by EPA Method 8260C, PAHs by EPA Method 8270D, pesticides by EPA Method 8081B, PCBs by EPA Method 9092A, and RCRA list of 8 metals by EPA Method 6010D and 7471B. For QA/QC purposes, one trip blank, one field blank, one matrix spike/matrix spike duplicate (MS/MSD), and one blind duplicate were submitted per every 20 samples. The QA/QC samples were analyzed for the same parameters as the endpoint samples, with the exception of the trip blanks, which were analyzed for VOCs only. The majority of the 36 endpoint samples met the Track 1 UUSCOs at the proposed remedial depth with the following exceptions:

- EP-19: Endpoint location EP-19 was originally sampled at the proposed remedial depth of 10 feet below grade. Due to exceedances of PAHs and metals above the UUSCOs, additional deeper samples were collected at 15 feet, 16 feet, and 16.5 feet. The UUSCOs were attained at a depth of 16.5 feet below grade, which is 6.5 feet below the original remedial excavation depth outlined in the RAWP. Total PCBs were detected at a concentration of 1.4 mg/kg, above the UUSCO 0.1 mg/kg and the RRSCO of 1 mg/kg. NYSDEC considered this an anomaly in an email dated November 26, 2019, since there were no PCB detections in the shallow soil samples collected from EP-19.
- EP-21: Endpoint location EP-21 was originally sampled at the proposed remedial and development depth of 11 feet below grade. Due to exceedances of lead and mercury, an additional sample was collected from EP-21 at 12 feet below grade, which met the UUSCOs. Additional excavation was subsequently conducted beyond the proposed remedial and development depth of 11 feet around EP-21 to achieve the Track 1 standards to a depth of 12 feet below grade.
- EP-25: Lead was detected in sample EP-25_11_20200103 above the UUSCO of 63 mg/kg. As additional excavation was conducted in this area for development purposes, deeper samples were collected at 12 and 13 feet below grade (1 and 2 feet below the proposed remedial depth, respectively). The UUSCOs were met at sample EP-25_13_20200103 collected from 13 feet below grade.
- EP-30: Several PAHs were detected in sample EP-30_11_20200117 at concentrations above the UUSCOs and RRSCOs. The pesticide, P,P'-DDT, lead, and mercury were detected at concentrations above the UUSCOs, but below the RRSCOs in sample EP-30_11_20200117. A second deeper sample (EP-30_12_20200124) was collected at 12 feet below grade and met the UUSCOs. Additional remedial excavation was conducted down to 12 feet below grade in approximately a 10-foot by 10-foot area around EP-30.
- EP-33: The PAH benzo(a)anthracene was detected in sample EP-33_18_20200117 above the UUSCO and RRSCO. As additional excavation was conducted in this area for development purposes, a second sample was collected at 19 feet below grade (EP-

33_19_20200124) and met the UUSCOs. Acetone was detected in sample EP-33_19_20200124 at a concentration of 0.066 mg/kg; however, NYSDEC indicated that acetone is not a contaminant of concern, and no further excavation was required.

- EP-34: Lead and mercury were detected in sample EP-34_12_20200117 above the UUSCOs. As additional excavation was conducted in this area for development purposes, a deeper sample was collected at 13 feet below grade, 1 foot below the proposed remedial depth, which met the UUSCOs.
- EP-39: Lead was detected in sample EP-39_18_20200117 above the UUSCO of 63 mg/kg. As additional excavation was conducted in this area for development purposes, a deeper sample (EP-39_19_20200124) was collected at 19 feet below grade (1 foot below the proposed remedial depth). The concentration of lead met the UUSCO; however, PAHs were detected in sample EP-39_19_20200124 above the UUSCOs and RRSCOs. An additional sample was collected at 20 feet below grade (EP-39_20_20200130), which met the UUSCOs for all parameters.
- EP-44: Lead and mercury were detected in sample EP-44_15_20200106 above the UUSCOs. As additional excavation was conducted in this area for development purposes, a deeper sample was collected at 16 feet below grade (EP-44_16_20200113), 1 foot below the proposed remedial depth, which met the UUSCOs.
- EP-45: Lead was detected in sample EP-45_15_20200117 above the UUSCO. As additional excavation was conducted in this area for development purposes, a deeper sample was collected at 16 feet below grade (EP-45_16_20200124), 1 foot below the proposed remedial depth, which met the UUSCOs. Acetone was detected in sample EP-45_16_20200124 at a concentration of 0.13 mg/kg, above the UUSCO of 0.05 mg/kg; however, NYSDEC noted that acetone was not a contaminant of concern and no further excavation was required.
- Acetone was detected in four endpoint samples (EP-16_15_20191030, EP-33_19_20200124, EP-43_15_20191205, and EP-45_16_20200124) at concentrations slightly above the UUSCO of 0.05 mg/kg, but below the RRSCO of 100 mg/kg. NYSDEC noted that acetone was not a Contaminant of Concern for the Site, and further excavation was not warranted.

All remaining Track 1 area post-excavation endpoint samples met the applicable UUSCOs. The third-party DUSR indicated that the sample results were generally of acceptable quality, and no significant issues were identified.

4.5.2 Site-Wide Endpoint Analytical Results – Track 4 Cleanup Area

Twelve post-excavation endpoint samples were collected from the Controlled Property at a depth of two feet below sidewalk grade. The samples were submitted under proper chain-of-custody protocol to TestAmerica for analysis of TCL VOCs by EPA Method 8260C, PAHs by EPA Method 8270D, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, and RCRA list of 8 metals by EPA Methods 6010D and 7471B. For QA/QC purposes, one trip blank, one field blank, one MS/MSD, and one blind duplicate were submitted with every 20 field samples. The QA/QC samples were analyzed for the same parameters as the endpoint samples, with trip blanks analyzed for VOCs only.

Soil sample analytical results from Controlled Property (EP-01 through EP-12) were compared to the NYSDEC UUSCOs and RRSCOs, as well as the Track 4 SSSCOs. Analytical results from the Controlled Property are summarized below:

- Acetone was detected in samples EP-03_2_20191230 and EP-11_2_20200103 at concentrations of 0.064 mg/kg and 0.079 mg/kg, respectively, above the UUSCO of 0.05 mg/kg, but below the RRSCO of 100 mg/kg. Total xylenes were detected in sample EP-07_2_20200103 at a concentration of 0.00067 mg/kg, below the UUSCO of 0.26 mg/kg and the RRSCO of 100 mg/kg. Low levels of the VOCs, carbon disulfide, benzene, methylene chloride, methyl ethyl ketone, toluene, and/or total xylenes were detected at levels below the UUSCOs in samples EP-02_2_20200103, EP-03_2_20191230, EP-05_2_20200103, EP-07_2_20200103, EP-09_2_20200103, and EP-11_2_20200103.
- Several PAHs were detected in the soil samples collected from the Controlled Property at individual concentrations ranging from 0.008 mg/kg to 5.7 mg/kg. Concentrations of total PAHs ranged from 0.777 mg/kg in sample EP-07_2_20200103 to 63.7 mg/kg in sample EP-X_2_20191230 (blind duplicate of sample EP-03_2_20191230), below the SSSCO of 250 mg/kg for total PAHs.
- Total PCBs were detected in two samples (EP-11_2_20200103 and EP-12_2_20200103) at concentrations of 0.15 mg/kg and 0.11 mg/kg, respectively, above the UUSCO of 0.1 mg/kg, but below the RRSCO of 1 mg/kg. PCBs were also detected in sample EP-09_2_20200103 at concentrations below the UUSCO.
- The pesticide P, P'-DDT was detected in five soil samples at concentrations ranging from 0.0037 mg/kg to 0.023 mg/kg, above the UUSCO of 0.0033 mg/kg, but below the RRSCO of 7.9 mg/kg.
- Lead was detected above the RRSCO of 400 mg/kg, but below the SSSCO of 1,000 mg/kg in four samples (EP-02_2_20200103, EP-05_2_20200103, EP-08_2_20200103, and EP-12_2_20200103) at concentrations ranging from 422 mg/kg to 607 mg/kg. Mercury was detected above the RRSCO of 0.81 mg/kg, but below the SSSCO of 3 mg/kg, in six sample locations (EP-02_2_20200103, EP-03_2_20191230, EP-X_2_20191230, EP-04_2_20191230, EP-11_2_20200103, and EP-12_2_20200103) at concentrations ranging from 0.86 mg/kg to 2.6 mg/kg.

All final post-excavation endpoint samples collected from the Controlled Property met the applicable SSSCOs, which satisfied the Track 4 remedial requirements.

The third-party DUSR indicated that the Controlled Property sample results are generally of acceptable quality, and no significant issues were identified.

Tables 10a through 10e, 11a through 11e, and Figures 9 and 10 summarize the results of all endpoint soil samples in comparison to the Track 1 UUSCOs, Track 2 RRSCO, and Track 4 SSSCOs.

Since contaminated soil remains beneath the Controlled Property after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC, which is provided in Appendix Q.

4.5.3 Groundwater

Groundwater monitoring will be conducted to demonstrate post-remedial bulk reduction of VOC contaminants in groundwater in comparison to pre-remedial conditions in the former gas station lot located along the northeastern portion of the Site. As outlined in the

SMP, the Volunteer will submit a Groundwater Monitoring Plan to NYSDEC for review and approval, which will outline the well installation methods and sampling procedures and frequency to demonstrate achievement of the remedial goals for groundwater in the former gas station lot, which is located on the Track 1 portion of the Site. The groundwater monitoring results will be reported to NYSDEC following issuance of the COC as part of the first Periodic Review Report (PRR). The Volunteer will be required to demonstrate post-remedial bulk reduction of VOC contaminants in groundwater in comparison to pre-remedial conditions within 5 years of issuance of the COC in order to maintain Track 1 status for the eastern portion of the Site.

4.6 Engineering Controls (ECs)

Exposure to remaining contamination in soil/fill at the Controlled Property is prevented by a composite cover system. This cover system is composed of a geotextile fabric indicating the extent of remedial soil excavation and remaining contamination, overlain by a minimum of 24 inches of clean, virgin crushed stone, GCP® Preprufe 300R (20-mil vapor barrier), and 12 inches of the concrete building slab. Figure 11 shows the cross sections and location of the remedial cover system. An Excavation Work Plan (EWP), which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix A of the SMP (the SMP is provided in Appendix Q of this FER).

4.7 Institutional Controls (ICs)

The Site remedy requires placement of an Environmental Easement on the Controlled Property to: (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Controlled Property to restricted residential use only.

The Environmental Easement package for the Controlled Property was submitted to NYSDEC on August 4, 2020. The easement was executed by all parties and filed with the New York County Clerk on December 17, 2020. A copy of the recorded Environmental Easement is provided in Appendix R.

4.8 Deviations from the Remedial Action Work Plan

The following components of the RA performed at the Site can be considered deviations from the RAWP:

- After consultation with the NYSDEC project manager on June 22, 2018, the endpoint and groundwater samples collected from the former tank grave of UST-3, UST-4, and UST-5 were analyzed for NYSDEC CP-51 VOCs and SVOCs only, as opposed to the full analytical suite of VOCs, SVOCs, PCBs, pesticides, and metals.
- Endpoint sample locations EP-36, EP-41, EP-42, and EP-48 were surveyed by a non NYS-licensed surveyor, due to limited availability of the NYS-licensed surveyor caused by the COVID-19 pandemic, and the need to access the sample locations prior to the installation of the concrete building slab. This action was approved by the NYSDEC project manager in an email dated April 8, 2020. The EDDs for these samples were correctly coded to indicate the survey methodology.
- The western portion of the Site, including the area of NYSDEC Spill No. 1702811, is anticipated to be removed from the BCP. A BCA Amendment Application was submitted to NYSDEC on July 30, 2020 and is currently under review by NYSDEC. Spill No. 1702811 will be further investigated and remediated under a separate Stipulation Agreement, not subject to the BCP.

- Endpoint samples beneath the slab-on-grade portion of the Site were collected at two feet below sidewalk grade. As the analytical results met the Track 4 criteria, no further excavation was conducted, and the Track 4 contingency was implemented.
- NYSDEC approved modification of the RAWP to eliminate the need for placement of ORC in the remedial excavation in the former gas station lot based upon the extent of remedial excavation and dewatering, field observations, soil endpoint sampling results, and sewer discharge monitoring data.

TABLES

Table 1
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Volatile Organic Compounds (VOCs)	mg/kg
1,1,1-Trichloroethane	0.68
1,1,2,2-Tetrachloroethane	NS
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS
1,1,2-Trichloroethane	NS
1,1-Dichloroethane	0.27
1,1-Dichloroethene	0.33
1,2,3-Trichlorobenzene	NS
1,2,4-Trichlorobenzene	NS
1,2-Dibromo-3-Chloropropane	NS
1,2-Dibromoethane (Ethylene Dibromide)	NS
1,2-Dichlorobenzene	1.1
1,2-Dichloroethane	0.02
1,2-Dichloropropane	NS
1,3-Dichlorobenzene	2.4
1,4-Dichlorobenzene	1.8
2-Hexanone	NS
Acetone	0.05
Benzene	0.06
Bromochloromethane	NS
Bromodichloromethane	NS
Bromoform	NS
Bromomethane	NS
Carbon Disulfide	NS
Carbon Tetrachloride	0.76
Chlorobenzene	1.1
Chloroethane	NS
Chloroform	0.37
Chloromethane	NS
Cis-1,2-Dichloroethylene	0.25
Cis-1,3-Dichloropropene	NS
Cyclohexane	NS
Dibromochloromethane	NS
Dichlorodifluoromethane	NS
Ethylbenzene	1
Isopropylbenzene (Cumene)	NS
M,P-Xylenes	NS
Methyl Acetate	NS
Methyl Ethyl Ketone (2-Butanone)	0.12

Table 1
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Volatile Organic Compounds (VOCs)	mg/kg
Methyl Isobutyl Ketone	NS
Methylcyclohexane	NS
Methylene Chloride	0.05
O-Xylene (1,2-Dimethylbenzene)	NS
Styrene	NS
Tert-Butyl Methyl Ether	0.93
Tetrachloroethylene (PCE)	1.3
Toluene	0.7
Trans-1,2-Dichloroethene	0.19
Trans-1,3-Dichloropropene	NS
Trichloroethylene (TCE)	0.47
Trichlorofluoromethane	NS
Vinyl Chloride	0.02
Xylenes, Mixed	0.26
Polycyclic Aromatic Hydrocarbons (PAHs)	mg/kg
Acenaphthene	20
Acenaphthylene	100
Anthracene	100
Benzo(a)Anthracene	1
Benzo(a)Pyrene	1
Benzo(b)Fluoranthene	1
Benzo(g,h,i)Perylene	100
Benzo(k)Fluoranthene	0.8
Chrysene	1
Dibenz(a,h)Anthracene	0.33
Fluoranthene	100
Fluorene	30
Indeno(1,2,3-c,d)Pyrene	0.5
Naphthalene	12
Phenanthrene	100
Pyrene	100
Polychlorinated Biphenyls (PCBs)	mg/kg
PCB-1016 (Aroclor 1016)	NS
PCB-1221 (Aroclor 1221)	NS
PCB-1232 (Aroclor 1232)	NS
PCB-1242 (Aroclor 1242)	NS
PCB-1248 (Aroclor 1248)	NS
PCB-1254 (Aroclor 1254)	NS

Table 1
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 UUSCOs
Polychlorinated Biphenyls (PCBs)	mg/kg
PCB-1260 (Aroclor 1260)	NS
PCB-1262 (Aroclor 1262)	NS
PCB-1268 (Aroclor 1268)	NS
Total PCBs	0.1
Pesticides	mg/kg
Aldrin	0.005
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02
Alpha Endosulfan	NS
Beta Bhc (Beta Hexachlorocyclohexane)	0.036
Beta Endosulfan	NS
Delta BHC (Delta Hexachlorocyclohexane)	0.04
Dieldrin	0.005
Endosulfan Sulfate	NS
Endrin	0.014
Endrin Aldehyde	NS
Endrin Ketone	NS
Gamma Bhc (Lindane)	0.1
Heptachlor	0.042
Heptachlor Epoxide	NS
Methoxychlor	NS
P,P'-DDD	0.0033
P,P'-DDE	0.0033
P,P'-DDT	0.0033
Toxaphene	NS
RCRA 8 Metals	mg/kg
Arsenic	13
Barium	350
Cadmium	2.5
Chromium, Total	NS
Lead	63
Mercury	0.18
Selenium	3.9
Silver	2

Table 1
West 29th Street
601 West 29th Street
New York, New York
Notes

Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs):

UUSCOs listed in the New York State Department of Environmental Conservation (NYSDEC)
Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(a).

NS : A standard has not been established for the analyte.

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

Table 2
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Volatile Organic Compounds (VOCs)	mg/kg
1,1,1-Trichloroethane	100
1,1,2,2-Tetrachloroethane	NS
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS
1,1,2-Trichloroethane	NS
1,1-Dichloroethane	26
1,1-Dichloroethene	100
1,2,3-Trichlorobenzene	NS
1,2,4-Trichlorobenzene	NS
1,2-Dibromo-3-Chloropropane	NS
1,2-Dibromoethane (Ethylene Dibromide)	NS
1,2-Dichlorobenzene	100
1,2-Dichloroethane	3.1
1,2-Dichloropropane	NS
1,3-Dichlorobenzene	49
1,4-Dichlorobenzene	13
2-Hexanone	NS
Acetone	100
Benzene	4.8
Bromochloromethane	NS
Bromodichloromethane	NS
Bromoform	NS
Bromomethane	NS
Carbon Disulfide	NS
Carbon Tetrachloride	2.4
Chlorobenzene	100
Chloroethane	NS
Chloroform	49
Chloromethane	NS
Cis-1,2-Dichloroethylene	100
Cis-1,3-Dichloropropene	NS
Cyclohexane	NS
Dibromochloromethane	NS
Dichlorodifluoromethane	NS
Ethylbenzene	41
Isopropylbenzene (Cumene)	NS
M,P-Xylenes	NS
Methyl Acetate	NS
Methyl Ethyl Ketone (2-Butanone)	100

Table 2
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Volatile Organic Compounds (VOCs)	mg/kg
Methyl Isobutyl Ketone	NS
Methylcyclohexane	NS
Methylene Chloride	100
O-Xylene (1,2-Dimethylbenzene)	NS
Styrene	NS
Tert-Butyl Methyl Ether	100
Tetrachloroethylene (PCE)	19
Toluene	100
Trans-1,2-Dichloroethene	100
Trans-1,3-Dichloropropene	NS
Trichloroethylene (TCE)	21
Trichlorofluoromethane	NS
Vinyl Chloride	0.9
Xylenes, Mixed	100
Polycyclic Aromatic Hydrocarbons (PAHs)	mg/kg
Acenaphthene	100
Acenaphthylene	100
Anthracene	100
Benzo(a)Anthracene	1
Benzo(a)Pyrene	1
Benzo(b)Fluoranthene	1
Benzo(g,h,i)Perylene	100
Benzo(k)Fluoranthene	3.9
Chrysene	3.9
Dibenz(a,h)Anthracene	0.33
Fluoranthene	100
Fluorene	100
Indeno(1,2,3-c,d)Pyrene	0.5
Naphthalene	100
Phenanthrene	100
Pyrene	100
Polychlorinated Biphenyls (PCBs)	mg/kg
PCB-1016 (Aroclor 1016)	NS
PCB-1221 (Aroclor 1221)	NS
PCB-1232 (Aroclor 1232)	NS
PCB-1242 (Aroclor 1242)	NS
PCB-1248 (Aroclor 1248)	NS
PCB-1254 (Aroclor 1254)	NS

Table 2
West 29th Street
601 West 29th Street
New York, New York
NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Compound	NYSDEC Part 375 RRSCOs
Polychlorinated Biphenyls (PCBs)	mg/kg
PCB-1260 (Aroclor 1260)	NS
PCB-1262 (Aroclor 1262)	NS
PCB-1268 (Aroclor 1268)	NS
Total PCBs	1
Pesticides	mg/kg
Aldrin	0.097
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.48
Alpha Endosulfan	NS
Beta Bhc (Beta Hexachlorocyclohexane)	0.36
Beta Endosulfan	NS
Delta BHC (Delta Hexachlorocyclohexane)	100
Dieldrin	0.2
Endosulfan Sulfate	NS
Endrin	11
Endrin Aldehyde	NS
Endrin Ketone	NS
Gamma Bhc (Lindane)	1.3
Heptachlor	2.1
Heptachlor Epoxide	NS
Methoxychlor	NS
P,P'-DDD	13
P,P'-DDE	8.9
P,P'-DDT	7.9
Toxaphene	NS
RCRA 8 Metals	mg/kg
Arsenic	16
Barium	400
Cadmium	4.3
Chromium, Total	NS
Lead	400
Mercury	0.81
Selenium	180
Silver	180

Table 2
West 29th Street
601 West 29th Street
New York, New York
Notes

Part 375 Restricted Residential Use Soil Cleanup Objectives (RRSCOs):

RRSCOs listed in the New York State Department of Environmental Conservation (NYSDEC)

Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(a).

NS : A standard has not been established for the analyte.

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

Table 3
West 29th Street
601 West 29th Street
New York, New York
Track 4 Site-Specific Soil Cleanup Objectives (SSSCOs)

Compound	SSSCO (ppm)
Total Polycyclic Aromatic Hydrocarbons (PAHs)	250
Total Polychlorinated Biphenyls (PCBs)	2
Lead	1,000
Mercury	3
Note: ppm = parts per million	

Table 4
West 29th Street
601 West 29th Street
New York, New York
Remedial Action Permits

Agency	Permit	Agency Phone Number
NYCDOB	Work Permit	(718) 960-4700
	New Building Permit	
	Asbestos/Demolition Permit	
	Construction Fencing	
	Electrical Work Permit	
	After Hours Work Variance	
	Certificate of Occupancy	
NYCDEP	Hydrant Site Connections/Dewatering	(718) 595-3855
	Dust Mitigation Plan	
	Construction Noise Mitigation Plan	
NYCDOT	DOT Signoff	(212) 748-6680
	Temporary Construction Signs Permit	
	Temporary Pedestrian Walk Permit	
	Occupancy of Sidewalk Permit	
	Equipment in Roadway Permit	
	Temporary Security Structure	
	Occupancy of Roadway Permit	

Notes:

NYCDOT = New York City Department of Transportation

NYCDEP = New York City Department of Environmental Protection

NYCDOB = New York City Department of Buildings

AKRF, Inc.		Outgoing Truck Tracking Log				
Project: 601 West 29th Street, New York, NY						
AKRF Job No: 170087						
Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
8/5/2019	E0364713	JMJ / 4	AS677F	C3 (0-8)	Bayshore Soil Management	29.64
8/5/2019	E0364715	JMJ / 4	AS677F	C3 (0-8)	Bayshore Soil Management	27.23
8/5/2019	E0364717	JMJ / 4	AS677F	C3 (0-8)	Bayshore Soil Management	28.08
8/5/2019	E0364714	JMJ / 8	AS476V	C3(0-8)	Bayshore Soil Management	28.03
8/5/2019	E0364716	JMJ /8	AS476V	C3(0-8)	Bayshore Soil Management	27.87
8/5/2019	E0364718	JMJ / 8	AS476V	C3(0-8)	Bayshore Soil Management	28.32
10/21/2019	107860	JMJ / 11	AT395P	C3 (0-8')	Bayshore Soil Management	28.10
10/21/2019	107861	JMJ / 13	AT397P	C3 (0-8')	Bayshore Soil Management	27.34
10/21/2019	107862	JMJ / 14	AT398P	C3 (0-8')	Bayshore Soil Management	31.16
10/21/2019	107863	JMJ / 4	AS677F	C3 (0-8')	Bayshore Soil Management	28.01
10/21/2019	107864	JMJ / 11	AT395P	C3 (0-8')	Bayshore Soil Management	28.63
10/21/2019	107865	JMJ / 13	AT397P	C3 (0-8')	Bayshore Soil Management	24.81
10/21/2019	E0396295	JMJ / 14	AT398P	C3 (0-8')	Bayshore Soil Management	26.71
10/21/2019	E0396296	JMJ / 4	AS677F	C3 (0-8')	Bayshore Soil Management	27.56
10/21/2019	E0396297	JMJ / 11	AT395P	C3 (0-8')	Bayshore Soil Management	29.75
10/21/2019	E0396298	JMJ / 13	AT397P	C3 (0-8')	Bayshore Soil Management	28.70
10/21/2019	E0396299	JMJ / 14	AT398P	D3 (8-16')	Bayshore Soil Management	30.16
10/21/2019	E0396300	JMJ / 4	AS677F	D3 (8-16')	Bayshore Soil Management	33.96
10/25/2019	E0396314	JMJ / 17	AU451R	C3 (0-8')	Bayshore Soil Management	28.42
10/25/2019	E0396315	JMJ / 20	AU428T	C3 (0-8')	Bayshore Soil Management	28.88
10/25/2019	E0396301	JMJ / 14	AT398P	D3 (8-16')	Bayshore Soil Management	31.71
10/25/2019	E0396302	JMJ / 13	AT397P	D3 (8-16')	Bayshore Soil Management	30.06
10/25/2019	E0396303	JMJ / 18	AU452R	D3 (8-16')	Bayshore Soil Management	25.20
10/25/2019	E0396304	JMJ / 8	AS476V	D3 (8-16')	Bayshore Soil Management	27.24
10/25/2019	E0396305	JMJ / 17	AU451R	D3 (8-16')	Bayshore Soil Management	27.85
10/25/2019	E0396306	JMJ / 14	AT398P	D3 (8-16')	Bayshore Soil Management	27.61
10/25/2019	E0396307	JMJ / 13	AT397P	D3 (8-16')	Bayshore Soil Management	27.13
10/25/2019	E0396308	JMJ / 18	AU452R	D3 (8-16')	Bayshore Soil Management	27.78
10/25/2019	E0396309	JMJ / 8	AS476V	D3 (8-16')	Bayshore Soil Management	28.83
10/25/2019	E0396310	JMJ / 17	AU451R	D3 (8-16')	Bayshore Soil Management	28.08
10/25/2019	E0396311	JMJ / 18	AU452R	D3 (8-16')	Bayshore Soil Management	26.48
10/25/2019	E0396312	JMJ / 8	AS476V	D3 (8-16')	Bayshore Soil Management	28.53
10/25/2019	E0396313	JMJ / 16	AU920L	D3 (8-16')	Bayshore Soil Management	29.92
10/29/2019	E0364724	JMJ / 12	AT396P	C3 (0-8')	Bayshore Soil Management	32.79
10/29/2019	E0364726	JMJ / 14	AT398P	C3 (0-8')	Bayshore Soil Management	27.30
10/29/2019	E0364729	JMJ / 5	AS267R	C3 (0-8')	Bayshore Soil Management	32.57
10/29/2019	E0364730	JMJ / 8	AS476V	C3 (0-8')	Bayshore Soil Management	33.36
10/29/2019	E0364719	JMJ / 12	AT396P	D3 (8-16')	Bayshore Soil Management	26.94
10/29/2019	E0364720	JMJ / 11	AT395P	D3 (8-16')	Bayshore Soil Management	30.64
10/29/2019	E0364721	JMJ / 14	AT398P	D3 (8-16')	Bayshore Soil Management	30.18
10/29/2019	E0364722	JMJ / 16	AU920L	D3 (8-16')	Bayshore Soil Management	28.69
10/29/2019	E0364723	JMJ / 20	AU428T	D3 (8-16')	Bayshore Soil Management	27.23
10/29/2019	E0364725	JMJ / 11	AT395P	D3 (8-16')	Bayshore Soil Management	33.10
10/29/2019	E0364727	JMJ / 20	AU428T	D3 (8-16')	Bayshore Soil Management	28.28
10/29/2019	E0364728	JMJ / 16	AU920L	D3 (8-16')	Bayshore Soil Management	27.22
10/30/2019	E0402841	JMJ / 14	AT398P	C3 (0-8')	Bayshore Soil Management	31.43
10/30/2019	E0402842	JMJ / 19	AU427T	C3 (0-8')	Bayshore Soil Management	28.18
10/30/2019	E0402843	JMJ / 17	AU451R	C3 (0-8')	Bayshore Soil Management	27.38
10/30/2019	E0364731	JMJ / 10	AS275F	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	30.60
10/30/2019	E0364732	JMJ / 5	AS267R	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	33.43
10/30/2019	E0364733	JMJ / 8	AS476V	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	32.78
10/30/2019	E0364734	JMJ / 4	AS677F	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	33.44
10/30/2019	E0364735	JMJ / 15	AU919L	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	31.39
10/30/2019	E0364736	JMJ / 19	AU427T	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	31.14
10/30/2019	E0364737	JMJ / 17	AU451R	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	29.16
10/30/2019	E0364738	JMJ / 19	AU427T	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	28.73
10/30/2019	E0364739	JMJ / 17	AU451R	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	29.11
10/30/2019	E0364740	JMJ / 12	AT396P	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	32.96
10/30/2019	E0364741	JMJ / 11	AT395P	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	34.00
10/30/2019	E0364742	JMJ / 13	AT397P	C3 (0-8') / D3 (8-16')	Bayshore Soil Management	32.20
11/4/2019	E0402844	JMJ / 10	AS275F	C3 (0-8')	Bayshore Soil Management	26.06
11/4/2019	E0402845	JMJ / 12	AT396P	C3 (0-8')	Bayshore Soil Management	30.70
11/4/2019	E0402846	JMJ / 5	AS267R	C3 (0-8')	Bayshore Soil Management	31.48
12/30/2019	E0415469	JMJ / 15	AU919L	C1 / D1 (0-8')	Bayshore Soil Management	26.79
12/30/2019	E0415470	JMJ / 18	AU452R	C1 / D1 (0-8')	Bayshore Soil Management	24.70
12/30/2019	E0415471	JMJ / 16	AU920L	C1 / D1 (0-8')	Bayshore Soil Management	24.46
12/30/2019	E0415472	JMJ / 14	AT397P	C1 / D1 (0-8')	Bayshore Soil Management	24.57
12/30/2019	E0415473	JMJ / 15	AU919L	C1 / D1 (0-8')	Bayshore Soil Management	27.49
12/30/2019	E0415474	JMJ / 18	AU452R	C1 / D1 (0-8')	Bayshore Soil Management	28.81
12/30/2019	E0415475	JMJ / 16	AU920L	C1 / D1 (0-8')	Bayshore Soil Management	26.26
12/30/2019	E0415476	JMJ / 14	AT397P	C1 / D1 (0-8')	Bayshore Soil Management	28.73

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12/30/2019	E0415477	JMJ / 11	AT395P	C1 / D1 (0-8')	Bayshore Soil Management	28.60
12/30/2019	E0415478	JMJ / 14	AT397P	C1 / D1 (0-8')	Bayshore Soil Management	21.67
12/30/2019	E0415479	JMJ / 6	AS268R	C1 / D1 (0-8')	Bayshore Soil Management	26.86
12/30/2019	E0415480	JMJ / 17	AU451R	C1 / D1 (0-8')	Bayshore Soil Management	26.37
1/2/2020	E0415481	JMJ / 5	AS267R	C1 / D1 (0-8')	Bayshore Soil Management	24.46
1/2/2020	E0415482	JMJ / 12	AT396P	C1 / D1 (0-8')	Bayshore Soil Management	26.24
1/2/2020	E0415483	JMJ / 9	AS308Y	C1 / D1 (0-8')	Bayshore Soil Management	24.99
1/2/2020	WW0000758	JMJ / 12	AT396P	C1 / D1 (0-8')	Bayshore Soil Management	26.71
1/2/2020	WW0000759	JMJ / 5	AS267R	C1 / D1 (0-8')	Bayshore Soil Management	28.87
1/2/2020	WW0000760	JMJ / 9	AS308Y	C1 / D1 (0-8')	Bayshore Soil Management	24.27
1/2/2020	WW0000761	JMJ / 16	AU920L	C1 / D1 (0-8')	Bayshore Soil Management	25.59
1/2/2020	WW0000762	JMJ / 11	AT395P	C1 / D1 (0-8')	Bayshore Soil Management	30.27
1/2/2020	WW0000763	JMJ / 6	AS268R	C1 / D1 (0-8')	Bayshore Soil Management	26.89
1/3/2020	WW0000764	JMJ / 19	AU427T	C1 / D1 (0-8')	Bayshore Soil Management	24.43
1/3/2020	WW0000765	JMJ / 14	AT398P	C1 / D1 (0-8')	Bayshore Soil Management	25.02
1/3/2020	WW0000767	JMJ / 12	AT396P	C1 / D1 (0-8')	Bayshore Soil Management	26.00
1/3/2020	WW0000768	JMJ / 11	AT395P	C1 / D1 (0-8')	Bayshore Soil Management	26.16
1/3/2020	WW0000766	Munoz / 89	AT385J	C1 / D1 (0-8')	Bayshore Soil Management	27.33
1/3/2020	WW0000769	Munoz / 128	AW842B	C1 / D1 (0-8')	Bayshore Soil Management	23.87
2/7/2020	WW0000770	JMJ / 10	AT275F	C1 / D1 (0-8')	Bayshore Soil Management	29.24
2/7/2020	WW0000771	JMJ / 10	AT275F	C1 / D1 (0-8')	Bayshore Soil Management	31.19
2/7/2020	WW0000772	JMJ / 10	AT275F	C1 / D1 (0-8')	Bayshore Soil Management	31.06
2/20/2020	WW0000773	JMJ / 5	AS269R	C1 (0-2)	Bayshore Soil Management	28.60
2/20/2020	WW0000774	JMJ / 5	AS267R	C1 (0-2)	Bayshore Soil Management	28.33
2/20/2020	WW0000775	JMJ / 5	AS267R	C7 (8-16)	Bayshore Soil Management	29.09
7/26/2019	699851	JMJ / 12	AT396P	C6 (0-8')	DARF Alternative	27.73
7/26/2019	699852	JMJ / 11	AT395P	C6 (0-8')	DARF Alternative	28.65
7/26/2019	699853	JMJ / 13	AT397P	C6 (0-8')	DARF Alternative	28.61
7/26/2019	699854	JMJ / 15	AU919L	C6 (0-8')	DARF Alternative	28.12
7/26/2019	699855	JMJ / 5	AS267R	C6 (0-8')	DARF Alternative	30.26
7/26/2019	699856	JMJ / 14	AT398F	C6 (0-8')	DARF Alternative	29.68
7/26/2019	699857	JMJ / 19	AU427T	C6 (0-8')	DARF Alternative	25.09
7/26/2019	699858	JMJ / 3	AS250B	C6 (0-8')	DARF Alternative	26.05
7/26/2019	699859	JMJ / 12	AT396P	C6 (0-8')	DARF Alternative	30.81
7/26/2019	699860	JMJ / 11	AT395P	C6 (0-8')	DARF Alternative	30.86
7/26/2019	699861	JMJ / 13	AT397P	C6 (0-8')	DARF Alternative	29.29
7/26/2019	699862	JMJ / 15	AU919L	C6 (0-8')	DARF Alternative	28.22
7/26/2019	699863	JMJ / 5	AS267R	C6 (0-8')	DARF Alternative	29.00
7/26/2019	699864	JMJ / 14	AT398F	C6 (0-8')	DARF Alternative	34.02
7/26/2019	699865	JMJ / 19	AU427T	C6 (0-8')	DARF Alternative	26.70
7/26/2019	699866	JMJ / 3	AS250B	C6 (0-8')	DARF Alternative	32.28
7/29/2019	699867	JMJ / 19	AU427T	C6 (0-8')	DARF Alternative	28.22
7/29/2019	699868	JMJ / 20	AU428T	C6 (0-8')	DARF Alternative	29.20
7/29/2019	699869	JMJ / 18	AU252R	C6 (0-8')	DARF Alternative	30.99
8/15/2019	699881	JMJ / 17	AU451R	C2(0-8)	DARF Alternative	30.80
8/15/2019	699882	JMJ / 12	AT396P	C2(0-8)	DARF Alternative	28.13
8/15/2019	699870	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	28.20
8/15/2019	699871	JMJ / 8	AS476V	D2(0-8)	DARF Alternative	30.05
8/15/2019	699872	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	28.64
8/15/2019	699873	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	28.78
8/15/2019	699874	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	27.65
8/15/2019	699875	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	27.45
8/15/2019	699876	JMJ / 8	AS476V	D2(0-8)	DARF Alternative	27.55
8/15/2019	699878	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	29.01
8/15/2019	699879	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	31.05
8/15/2019	699880	JMJ / 8	AS476V	D2(0-8)	DARF Alternative	29.65
8/15/2019	699883	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	27.14
8/15/2019	699884	JMJ / 8	AS476V	D2(0-8)	DARF Alternative	26.15
8/15/2019	699885	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	29.60
8/15/2019	699886	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	26.14
8/16/2019	699896	JMJ / 14	AT398P	C2(0-8)	DARF Alternative	27.37
8/16/2019	699897	JMJ / 17	AU451R	C2(0-8)	DARF Alternative	28.20
8/16/2019	699898	JMJ / 12	AT396P	C2(0-8)	DARF Alternative	28.58
8/16/2019	699887	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	29.56
8/16/2019	699888	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	29.99
8/16/2019	699889	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	30.61
8/16/2019	699890	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	28.26
8/16/2019	699891	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	26.90
8/16/2019	699892	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	30.51
8/16/2019	699893	JMJ / 14	AT398P	D2(0-8)	DARF Alternative	27.37
8/16/2019	699894	JMJ / 17	AU451R	D2(0-8)	DARF Alternative	25.96
8/16/2019	699895	JMJ / 12	AT396P	D2(0-8)	DARF Alternative	28.13
8/21/2019	699644	JMJ / 17	AU451R	B6/C6 (0-8)	DARF Alternative	28.03
8/21/2019	699645	JMJ / 14	AT398P	B6/C6 (0-8)	DARF Alternative	24.25
8/21/2019	699646	JMJ / 8	AS476V	B6/C6 (0-8)	DARF Alternative	27.82
8/21/2019	699647	JMJ / 10	AT275F	B6/C6 (0-8)	DARF Alternative	27.97

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8/21/2019	699648	JMJ / 17	AU451R	B6/C6 (0-8)	DARP Alternative	27.27
8/21/2019	699649	JMJ / 14	AT398P	B6/C6 (0-8)	DARP Alternative	25.60
8/21/2019	699650	JMJ / 8	AS476V	B6/C6 (0-8)	DARP Alternative	26.53
8/21/2019	699900	JMJ / 10	AT275F	B6/C6 (0-8)	DARP Alternative	26.91
8/21/2019	699901	JMJ / 17	AU451R	B6/C6 (0-8)	DARP Alternative	28.79
8/21/2019	699902	JMJ / 14	AT398P	B6/C6 (0-8)	DARP Alternative	27.42
8/21/2019	699903	JMJ / 10	AT275F	B6/C6 (0-8)	DARP Alternative	30.36
8/21/2019	699904	JMJ / 17	AU451R	B6/C6 (0-8)	DARP Alternative	27.24
8/21/2019	699905	JMJ / 14	AT398P	B6/C6 (0-8)	DARP Alternative	25.10
8/21/2019	699906	JMJ / 8	AS476V	B6/C6 (0-8)	DARP Alternative	27.06
8/21/2019	699907	JMJ / 10	AT275F	B6/C6 (0-8)	DARP Alternative	29.04
8/26/2019	699608	JMJ / 20	AU428T	B6 (0-8)	DARP Alternative	28.61
8/26/2019	699609	JMJ / 6	AS268R	B6 (0-8)	DARP Alternative	29.41
8/26/2019	699610	JMJ / 15	AU919L	B6 (0-8)	DARP Alternative	28.93
8/26/2019	699611	JMJ / 4	AS677F	B6 (0-8)	DARP Alternative	30.38
8/26/2019	699612	JMJ / 3	AS250B	B6 (0-8)	DARP Alternative	32.37
8/26/2019	699613	JMJ / 18	AU452R	B6 (0-8)	DARP Alternative	26.00
8/26/2019	699614	JMJ / 20	AU428T	B6 (0-8)	DARP Alternative	29.04
8/26/2019	699615	JMJ / 6	AS268R	B6 (0-8)	DARP Alternative	28.95
8/26/2019	699616	JMJ / 15	AU919L	B6 (0-8)	DARP Alternative	29.07
8/26/2019	699617	JMJ / 4	AS677F	B6 (0-8)	DARP Alternative	29.62
8/26/2019	699618	JMJ / 3	AS250B	B6 (0-8)	DARP Alternative	31.61
8/26/2019	699619	JMJ / 11	AT395P	B6 (0-8)	DARP Alternative	31.42
8/26/2019	699620	JMJ / 20	AU428T	B6 (0-8)	DARP Alternative	25.96
8/26/2019	699621	JMJ / 6	AS268R	B6 (0-8)	DARP Alternative	31.37
8/26/2019	699622	JMJ / 15	AU919L	B6 (0-8)	DARP Alternative	25.54
8/26/2019	699623	JMJ / 11	AT395P	B6 (0-8)	DARP Alternative	28.29
8/26/2019	699624	JMJ / 19	AU427T	B6 (0-8)	DARP Alternative	29.41
8/26/2019	699625	JMJ / 14	AT398P	B6 (0-8)	DARP Alternative	26.42
8/26/2019	699602	JMJ / 20	AU428T	B6/C6 (0-8)	DARP Alternative	26.91
8/26/2019	699603	JMJ / 6	AS268R	B6/C6 (0-8)	DARP Alternative	32.11
8/26/2019	699604	JMJ / 15	AU919L	B6/C6 (0-8)	DARP Alternative	26.93
8/26/2019	699605	JMJ / 4	AS677F	B6/C6 (0-8)	DARP Alternative	28.72
8/26/2019	699606	JMJ / 3	AS250B	B6/C6 (0-8)	DARP Alternative	27.61
8/26/2019	699607	JMJ / 18	AU452R	B6/C6 (0-8)	DARP Alternative	27.16
8/27/2019	699630	JMJ / 18	AU452R	A6 (0-8)	DARP Alternative	26.49
8/27/2019	699631	JMJ / 20	AU428T	A6 (0-8)	DARP Alternative	27.94
8/27/2019	699632	JMJ / 19	AU427T	A6 (0-8)	DARP Alternative	26.86
8/27/2019	699638	JMJ / 20	AU428T	A6 (0-8)	DARP Alternative	27.10
8/27/2019	699639	JMJ / 19	AU427T	A6 (0-8)	DARP Alternative	26.14
8/27/2019	699640	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	27.15
8/27/2019	699641	JMJ / 6	AS268R	A6 (0-8)	DARP Alternative	31.49
8/27/2019	699642	JMJ / 3	AS250B	A6 (0-8)	DARP Alternative	32.30
8/27/2019	699643	JMJ / 15	AU919L	A6 (0-8)	DARP Alternative	27.52
8/27/2019	699683	JMJ / 18	AU452R	A6 (0-8)	DARP Alternative	27.71
8/27/2019	699684	JMJ / 19	AU427T	A6 (0-8)	DARP Alternative	27.15
8/27/2019	699685	JMJ / 20	AU428T	A6 (0-8)	DARP Alternative	26.91
8/27/2019	699686	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	25.07
8/27/2019	699687	JMJ / 6	AS268R	A6 (0-8)	DARP Alternative	26.29
8/27/2019	699688	JMJ / 3	AS250B	A6 (0-8)	DARP Alternative	26.19
8/27/2019	699689	JMJ / 15	AU919L	A6 (0-8)	DARP Alternative	26.38
8/27/2019	699690	JMJ / 18	AU452R	A6 (0-8)	DARP Alternative	27.77
8/27/2019	699691	JMJ / 14	AT398P	A6 (0-8)	DARP Alternative	29.84
8/27/2019	699692	JMJ / 9	AS308Y	A6 (0-8)	DARP Alternative	28.43
8/27/2019	699693	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	28.30
8/27/2019	699633	JMJ / 4	AS677F	A6/B6 (0-8)	DARP Alternative	27.99
8/27/2019	699634	JMJ / 3	AS250B	A6/B6 (0-8)	DARP Alternative	28.20
8/27/2019	699635	JMJ / 6	AS268R	A6/B6 (0-8)	DARP Alternative	27.80
8/27/2019	699636	JMJ / 15	AU919L	A6/B6 (0-8)	DARP Alternative	28.27
8/27/2019	699637	JMJ / 18	AU452R	A6/B6 (0-8)	DARP Alternative	27.04
8/27/2019	699626	JMJ / 4	AS677F	B6 (0-8)	DARP Alternative	26.09
8/27/2019	699627	JMJ / 3	AS250B	B6 (0-8)	DARP Alternative	24.98
8/27/2019	699628	JMJ / 6	AS268R	B6 (0-8)	DARP Alternative	28.98
8/27/2019	699629	JMJ / 15	AU919L	B6 (0-8)	DARP Alternative	28.59
8/28/2019	699694	JMJ / 11	AT395P	A6 (0-8)	DARP Alternative	26.34
8/28/2019	699695	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	27.56
8/28/2019	699696	JMJ / 10	AT275F	A6 (0-8)	DARP Alternative	25.92
8/28/2019	699697	JMJ / 5	AS267R	A6 (0-8)	DARP Alternative	29.69
8/28/2019	699698	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	25.60
8/28/2019	699699	JMJ / 8	AS476V	A6 (0-8)	DARP Alternative	27.33
8/28/2019	699700	JMJ / 14	AT398P	A6 (0-8)	DARP Alternative	29.61
8/28/2019	699701	JMJ / 11	AT395P	A6 (0-8)	DARP Alternative	27.19
8/28/2019	699702	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	25.83
8/28/2019	699703	JMJ / 12	AT396P	A6 (0-8)	DARP Alternative	24.35
8/28/2019	699704	JMJ / 10	AT275F	A6 (0-8)	DARP Alternative	26.50
8/28/2019	699705	JMJ / 5	AS267R	A6 (0-8)	DARP Alternative	27.70

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8/28/2019	699706	JMJ / 8	AS476V	A6 (0-8)	DARP Alternative	30.76
8/28/2019	699707	JMJ / 14	AT398P	A6 (0-8)	DARP Alternative	27.33
8/28/2019	699708	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	26.84
8/28/2019	699709	JMJ / 11	AT395P	A6 (0-8)	DARP Alternative	29.50
8/28/2019	699710	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	26.71
8/28/2019	699711	JMJ / 12	AT396P	A6 (0-8)	DARP Alternative	28.92
8/28/2019	699712	JMJ / 10	AT275F	A6 (0-8)	DARP Alternative	27.10
8/28/2019	699713	JMJ / 5	AS267R	A6 (0-8)	DARP Alternative	30.37
8/28/2019	699714	JMJ / 14	AT398P	A6 (0-8)	DARP Alternative	26.67
8/28/2019	699715	JMJ / 8	AS476V	A6 (0-8)	DARP Alternative	30.51
8/28/2019	699716	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	28.06
8/28/2019	699717	JMJ / 12	AT396P	A6 (0-8)	DARP Alternative	33.34
8/28/2019	699718	JMJ / 16	AU920L	A6 (0-8)	DARP Alternative	31.11
8/28/2019	699719	JMJ / 18	AU452R	A6 (0-8)	DARP Alternative	27.66
8/28/2019	699720	JMJ / 4	AS677F	A6 (0-8)	DARP Alternative	27.93
8/28/2019	699721	JMJ / 15	AU919L	A6 (0-8)	DARP Alternative	29.20
8/28/2019	699722	JMJ / 19	AU427T	A6 (0-8)	DARP Alternative	28.40
8/28/2019	699723	JMJ / 3	AS250B	A6 (0-8)	DARP Alternative	32.10
8/28/2019	699724	JMJ / 6	AS268R	A6 (0-8)	DARP Alternative	30.69
8/29/2019	700656	JMJ / 11	AT395P	A6 (0-8)	DARP Alternative	29.07
8/29/2019	700657	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	31.70
8/29/2019	700658	JMJ / 16	AU920L	A6 (0-8)	DARP Alternative	28.20
8/29/2019	700662	JMJ / 11	AT395P	A6 (0-8)	DARP Alternative	30.48
8/29/2019	700663	JMJ / 13	AT397P	A6 (0-8)	DARP Alternative	31.72
8/29/2019	700659	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	26.55
8/29/2019	700660	JMJ / 9	AS308Y	A7 (0-8)	DARP Alternative	33.45
8/29/2019	700661	JMJ / 5	AS267R	A7 (0-8)	DARP Alternative	33.03
8/29/2019	700664	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	29.23
8/29/2019	700665	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	27.71
8/29/2019	700666	JMJ / 5	AS267R	A7 (0-8)	DARP Alternative	31.54
8/29/2019	700667	JMJ / 9	AS308Y	A7 (0-8)	DARP Alternative	34.66
8/29/2019	700668	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	35.32
8/29/2019	700669	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	31.37
8/29/2019	700670	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	28.68
8/29/2019	700671	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	29.74
8/29/2019	700672	JMJ / 5	AS267R	A7 (0-8)	DARP Alternative	33.27
8/29/2019	700673	JMJ / 9	AS308Y	A7 (0-8)	DARP Alternative	37.61
8/29/2019	700674	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	32.55
8/29/2019	700675	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	32.00
8/29/2019	700676	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	28.15
8/29/2019	700677	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	30.28
8/29/2019	700678	JMJ / 5	AS267R	A7 (0-8)	DARP Alternative	36.23
8/29/2019	700679	JMJ / 9	AS308Y	A7 (0-8)	DARP Alternative	32.86
9/3/2019	699909	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	29.22
9/3/2019	699910	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	29.94
9/3/2019	699911	JMJ / 19	AU427T	A7 (0-8)	DARP Alternative	26.35
9/3/2019	699912	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	32.12
9/3/2019	699913	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	29.03
9/3/2019	699914	JMJ / 14	AT398P	A7 (0-8)	DARP Alternative	30.76
9/3/2019	699915	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	31.92
9/3/2019	699916	JMJ / 19	AU427T	A7 (0-8)	DARP Alternative	30.33
9/3/2019	699917	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	32.11
9/3/2019	699918	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	28.35
9/3/2019	699919	JMJ / 14	AT398P	A7 (0-8)	DARP Alternative	31.12
9/3/2019	699920	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	27.39
9/3/2019	699921	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	31.84
9/3/2019	699922	JMJ / 19	AU427T	A7 (0-8)	DARP Alternative	31.52
9/3/2019	699923	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	31.17
9/3/2019	699924	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	27.52
9/3/2019	699925	JMJ / 14	AT398P	A7 (0-8)	DARP Alternative	25.92
9/3/2019	699926	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	30.86
9/3/2019	699927	JMJ / 11	AT395P	A7 (0-8)	DARP Alternative	25.73
9/3/2019	699928	JMJ / 19	AU427T	A7 (0-8)	DARP Alternative	25.06
9/3/2019	699929	JMJ / 13	AT397P	A7 (0-8)	DARP Alternative	28.22
9/3/2019	699930	JMJ / 16	AU920L	A7 (0-8)	DARP Alternative	28.27
9/3/2019	699931	JMJ / 14	AT398P	A7 (0-8)	DARP Alternative	30.14
9/3/2019	699932	JMJ / 18	AU452R	A7 (0-8)	DARP Alternative	29.82
8/21/2019	700103	JMJ / 5	AS267R	D6/D7 (0-8)	DARP Clean	32.00
8/21/2019	700104	JMJ / 12	AT396P	D6/D7 (0-8)	DARP Clean	25.89
8/21/2019	700105	JMJ / 11	AT395P	D6/D7 (0-8)	DARP Clean	29.13
8/21/2019	700106	JMJ / 13	AT397P	D6/D7 (0-8)	DARP Clean	28.99
11/5/2019	742644	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	27.75
11/5/2019	742645	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	27.82
11/5/2019	742646	JMJ / 14	AT398P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	32.09
11/5/2019	742647	JMJ / 4	AS677F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	25.08
11/5/2019	742648	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	27.83

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
11/5/2019	742649	JMJ / 4	AS677F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.91
11/5/2019	742650	JMJ / 8	AS476V	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.98
11/5/2019	742651	JMJ / 12	AT396P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	27.98
11/5/2019	742652	JMJ / 9	AS308Y	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.42
11/5/2019	742653	JMJ / 13	AT397P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.52
11/14/2019	700112	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.40
11/14/2019	700113	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	32.95
11/14/2019	700114	JMJ / 14	AT398P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.85
11/14/2019	700115	JMJ / 17	AU451R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	26.93
11/14/2019	700116	JMJ / 4	AS677F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.72
11/14/2019	700117	JMJ / 8	AS476V	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.15
11/14/2019	742655	JMJ / 14	AT398P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.16
11/14/2019	742656	JMJ / 17	AU451R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.07
11/14/2019	742657	JMJ / 13	AT397P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	31.76
11/19/2019	742658	JMJ / 13	AT397P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	25.54
11/19/2019	742659	JMJ / 8	AS476V	C4 (0-8')	IRRC Lyndhurst - Clean Fill	24.99
11/19/2019	742660	JMJ / 15	AU919L	C4 (0-8')	IRRC Lyndhurst - Clean Fill	24.11
11/19/2019	742661	JMJ / 4	AS677F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	25.79
11/19/2019	742662	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	25.69
11/19/2019	742663	JMJ / 14	AT398P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.68
11/19/2019	742664	JMJ / 13	AT397P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.05
11/19/2019	742665	JMJ / 15	AU919L	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.79
11/19/2019	742666	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.77
11/19/2019	742667	JMJ / 4	AS677F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	24.51
11/19/2019	742668	JMJ / 19	AU427T	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.19
11/19/2019	742669	JMJ / 8	AS476V	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.88
11/19/2019	742670	JMJ / 5	AS267R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.08
11/20/2019	742654	Civetta Cousins / 5	40849PC	C4 (0-8')	IRRC Lyndhurst - Clean Fill	24.02
11/20/2019	742671	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	30.45
11/20/2019	742672	JMJ / 5	AS267R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.30
11/20/2019	742673	JMJ / 6	AS268R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.57
11/20/2019	742674	Civetta Cousins / 5	40849PC	C4 (0-8')	IRRC Lyndhurst - Clean Fill	26.49
11/20/2019	742675	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	32.13
11/20/2019	742676	Civetta Cousins / 5	40849PC	C4 (0-8')	IRRC Lyndhurst - Clean Fill	27.02
11/20/2019	742677	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.63
11/20/2019	742678	Civetta Cousins / 5	40849PC	C4 (0-8')	IRRC Lyndhurst - Clean Fill	26.99
11/20/2019	742679	JMJ / 3	AS250B	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.27
11/20/2019	742680	JMJ / 14	AT398P	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.96
11/20/2019	742681	Civetta Cousins / 5	40849PC	C4 (0-8')	IRRC Lyndhurst - Clean Fill	26.08
11/20/2019	742682	JMJ / 9	AS308Y	C4 (0-8')	IRRC Lyndhurst - Clean Fill	29.16
11/25/2019	742684	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	31.45
11/25/2019	742685	JMJ / 5	AS267R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.15
11/25/2019	742686	JMJ / 10	AT275F	C4 (0-8')	IRRC Lyndhurst - Clean Fill	31.63
11/25/2019	742687	JMJ / 17	AU451R	C4 (0-8')	IRRC Lyndhurst - Clean Fill	28.29
3/6/2020	765777	JMJ / 16	AU920L	C6 (8-16')	IRRC Lyndhurst - Clean Fill	29.59
3/6/2020	765778	JMJ / 6	AS268R	C6 (8-16')	IRRC Lyndhurst - Clean Fill	34.52
3/6/2020	765779	JMJ / 16	AU920L	C6 (8-16')	IRRC Lyndhurst - Clean Fill	35.40
3/6/2020	765780	JMJ / 6	AS268R	C6 (8-16')	IRRC Lyndhurst - Clean Fill	36.88
3/6/2020	765781	JMJ / 6	AS268R	C6 (8-16')	IRRC Lyndhurst - Clean Fill	28.82
3/6/2020	765782	JMJ / 16	AU920L	C6 (8-16')	IRRC Lyndhurst - Clean Fill	29.82
3/6/2020	765783	JMJ / 6	AS268R	C6 (8-16')	IRRC Lyndhurst - Clean Fill	35.13
3/6/2020	765784	JMJ / 16	AU920L	C6 (8-16')	IRRC Lyndhurst - Clean Fill	25.80
3/6/2020	765789	JMJ / 15	AU919L	C6 (8-16')	IRRC Lyndhurst - Clean Fill	31.27
3/6/2020	765790	JMJ / 8	AS476V	C6 (8-16')	IRRC Lyndhurst - Clean Fill	33.75
3/6/2020	765791	JMJ / 6	AS268R	C6 (8-16')	IRRC Lyndhurst - Clean Fill	35.50
3/6/2020	765792	JMJ / 10	AT275F	C6 (8-16')	IRRC Lyndhurst - Clean Fill	34.58
3/9/2020	765785	JMJ / 15	AU919L	D6 (8-16')	IRRC Lyndhurst - Clean Fill	29.23
3/9/2020	765786	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	31.71
3/9/2020	765787	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	32.16
3/9/2020	765788	JMJ / 6	AS268R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	32.32
3/9/2020	765793	JMJ / 15	AU919L	D6 (8-16')	IRRC Lyndhurst - Clean Fill	32.95
3/9/2020	765794	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	33.77
3/9/2020	765795	JMJ / 6	AS268R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	34.74
3/9/2020	765796	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	26.18
3/9/2020	765797	JMJ / 15	AU919L	D6 (8-16')	IRRC Lyndhurst - Clean Fill	31.85
3/9/2020	765798	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	34.16
3/9/2020	765799	JMJ / 6	AS268R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	35.14
3/9/2020	765800	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	33.46
3/10/2020	765809	JMJ / 8	AS476V	C6 (8-16')	IRRC Lyndhurst - Clean Fill	33.59
3/10/2020	765810	JMJ / 8	AS476V	C6 (8-16')	IRRC Lyndhurst - Clean Fill	30.99
3/10/2020	765807	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	33.16
3/10/2020	765808	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	27.52
3/10/2020	765811	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	30.32
3/10/2020	765812	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	33.70
3/24/2020	765813	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	28.45
3/24/2020	765814	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	27.48

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
3/24/2020	765815	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	26.93
3/24/2020	765816	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	31.45
3/24/2020	765817	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	29.27
3/24/2020	765818	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	30.66
3/24/2020	765819	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	28.90
3/24/2020	765820	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	28.01
3/24/2020	765821	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	31.67
3/24/2020	765822	JMJ / 5	AS267R	D6 (8-16')	IRRC Lyndhurst - Clean Fill	29.46
3/24/2020	765823	JMJ / 10	AT275F	D6 (8-16')	IRRC Lyndhurst - Clean Fill	29.76
3/24/2020	765824	JMJ / 8	AS476V	D6 (8-16')	IRRC Lyndhurst - Clean Fill	29.00
4/8/2020	765825	JMJ / 10	AT275F	D7 (8-16')	IRRC Lyndhurst - Clean Fill	31.08
4/8/2020	765826	JMJ / 5	AS267R	D7 (8-16')	IRRC Lyndhurst - Clean Fill	30.09
4/8/2020	765827	JMJ / 10	AT275F	D7 (8-16')	IRRC Lyndhurst - Clean Fill	32.22
4/8/2020	765828	JMJ / 5	AS267R	D7 (8-16')	IRRC Lyndhurst - Clean Fill	31.52
4/8/2020	765829	JMJ / 10	AT275F	D7 (8-16')	IRRC Lyndhurst - Clean Fill	37.87
4/8/2020	765830	JMJ / 5	AS267R	D7 (8-16')	IRRC Lyndhurst - Clean Fill	34.95
4/8/2020	765831	JMJ / 10	AT275F	D7 (8-16')	IRRC Lyndhurst - Clean Fill	36.90
4/8/2020	765832	JMJ / 5	AS267R	D7 (8-16')	IRRC Lyndhurst - Clean Fill	33.82
4/9/2020	765833	JMJ 10	AT275F	D7(8'16')	IRRC Lyndhurst - Clean Fill	33.43
4/15/2020	765844	JMJ 10	AT275F	D7(8'16')	IRRC Lyndhurst - Clean Fill	31.50
4/15/2020	765845	JMJ 10	AT275F	D7(8'16')	IRRC Lyndhurst - Clean Fill	36.99
4/15/2020	765846	JMJ 10	AT275F	D7(8'16')	IRRC Lyndhurst - Clean Fill	37.39
10/18/2019	719911	JMJ / 18	AU452R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	26.41
10/18/2019	719912	JMJ / 4	AS677F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	30.70
10/18/2019	719913	JMJ / 17	AU451R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	27.86
10/18/2019	719914	JMJ / 19	AU427T	D3 (0-8')	IRRC Lyndhurst - Historic Fill	26.91
10/18/2019	719915	JMJ / 18	AU452R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	32.14
10/18/2019	719916	JMJ / 17	AU451R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	32.48
10/18/2019	719917	JMJ / 4	AS677F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	33.58
10/18/2019	719918	JMJ / 19	AU427T	D3 (0-8')	IRRC Lyndhurst - Historic Fill	27.63
10/18/2019	719919	JMJ / 18	AU452R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	30.89
10/18/2019	719920	JMJ / 17	AU451R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	29.67
10/18/2019	719921	JMJ / 4	AS677F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	31.00
10/18/2019	719922	JMJ / 19	AU427T	D3 (0-8')	IRRC Lyndhurst - Historic Fill	28.97
10/18/2019	719923	JMJ / 6	AS268R	D3 (0-8')	IRRC Lyndhurst - Historic Fill	32.05
10/18/2019	719924	JMJ / 4	AS677F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	33.00
10/18/2019	719925	JMJ / 19	AU427T	D3 (0-8')	IRRC Lyndhurst - Historic Fill	29.83
10/18/2019	719926	JMJ / 10	AT275F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	30.91
10/18/2019	719927	JMJ / 13	AT397P	D3 (0-8')	IRRC Lyndhurst - Historic Fill	35.75
10/18/2019	719928	JMJ / 14	AT398P	D3 (0-8')	IRRC Lyndhurst - Historic Fill	31.61
10/18/2019	719929	JMJ / 4	AS677F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	25.30
11/4/2019	719930	JMJ / 19	AU427T	C2 (0-8')	IRRC Lyndhurst - Historic Fill	28.83
11/4/2019	719931	JMJ / 4	AS677F	C2 (0-8')	IRRC Lyndhurst - Historic Fill	27.84
11/4/2019	719932	JMJ / 17	AU451R	C2 (0-8')	IRRC Lyndhurst - Historic Fill	27.09
11/4/2019	719933	JMJ / 18	AU452R	C2 (0-8')	IRRC Lyndhurst - Historic Fill	29.19
11/5/2019	719934	JMJ / 4	AS677F	C3 (8-16')	IRRC Lyndhurst - Historic Fill	28.38
11/5/2019	719935	JMJ / 3	AS250B	C3 (8-16')	IRRC Lyndhurst - Historic Fill	31.61
11/5/2019	719936	JMJ / 6	AS268R	C3 (8-16')	IRRC Lyndhurst - Historic Fill	30.74
11/5/2019	719937	JMJ / 10	AT275F	C3 (8-16')	IRRC Lyndhurst - Historic Fill	31.37
11/5/2019	719938	JMJ / 14	AT398P	C3 (8-16')	IRRC Lyndhurst - Historic Fill	30.03
11/5/2019	719939	JMJ / 4	AS677F	C3 (8-16')	IRRC Lyndhurst - Historic Fill	31.86
11/5/2019	719940	JMJ / 3	AS250B	C3 (8-16')	IRRC Lyndhurst - Historic Fill	31.34
11/5/2019	719941	JMJ / 6	AS268R	C3 (8-16')	IRRC Lyndhurst - Historic Fill	33.95
11/5/2019	719942	JMJ / 10	AT275F	D3 (0-8')	IRRC Lyndhurst - Historic Fill	30.59
11/5/2019	719943	JMJ / 14	AT398P	D3 (0-8')	IRRC Lyndhurst - Historic Fill	31.12
11/6/2019	719950	JMJ / 10	AT275F	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.13
11/6/2019	719951	JMJ / 3	AS250B	C6 (0-8')	IRRC Lyndhurst - Historic Fill	30.41
11/6/2019	719952	JMJ / 4	AS677F	C6 (0-8')	IRRC Lyndhurst - Historic Fill	29.37
11/6/2019	719953	JMJ / 5	AS267R	C6 (0-8')	IRRC Lyndhurst - Historic Fill	31.83
11/8/2019	719980	JMJ / 3	AS250B	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.25
11/8/2019	719981	JMJ / 14	AS250B	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.15
11/13/2019	719996	JMJ / 10	AT275F	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.67
11/13/2019	719997	JMJ / 11	AT395P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	34.56
11/13/2019	719998	JMJ / 14	AT398P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	34.29
11/13/2019	719999	JMJ / 10	AT275F	C6 (0-8')	IRRC Lyndhurst - Historic Fill	30.03
11/13/2019	720000	JMJ / 14	AT398P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	31.10
11/13/2019	720001	JMJ / 13	AT397P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.18
11/13/2019	720002	JMJ / 13	AT397P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	29.68
11/13/2019	720003	JMJ / 5	AS267R	C6 (0-8')	IRRC Lyndhurst - Historic Fill	30.89
11/13/2019	720004	JMJ / 5	AS267R	C6 (0-8')	IRRC Lyndhurst - Historic Fill	31.99
11/13/2019	720005	JMJ / 14	AT398P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	30.15
11/13/2019	720006	JMJ / 13	AT397P	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.58
11/13/2019	720007	JMJ / 5	AS267R	C6 (0-8')	IRRC Lyndhurst - Historic Fill	31.73
11/14/2019	720008	JMJ / 11	AT395P	C2 (0-8')	IRRC Lyndhurst - Historic Fill	32.09
11/14/2019	720009	JMJ / 10	AT275F	C2 (0-8') / C3 (8-16')	IRRC Lyndhurst - Historic Fill	27.87
11/14/2019	720010	JMJ / 15	AU919L	C2 (0-8') / C3 (8-16')	IRRC Lyndhurst - Historic Fill	30.98

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
11/14/2019	744301	JMJ / 14	AT398P	C2 (0-8') / C3 (8-16')	IRRC Lyndhurst - Historic Fill	29.64
11/14/2019	744303	JMJ / 17	AU451R	C2 (0-8') / C3 (8-16')	IRRC Lyndhurst - Historic Fill	28.98
11/14/2019	744304	JMJ / 4	AS677F	C3 (8-16')	IRRC Lyndhurst - Historic Fill	26.43
11/14/2019	744305	JMJ / 8	AS476V	C3 (8-16')	IRRC Lyndhurst - Historic Fill	28.13
11/14/2019	744306	JMJ / 5	AS267R	C3 (8-16')	IRRC Lyndhurst - Historic Fill	29.10
11/14/2019	744307	JMJ / 19	AU427T	C3 (8-16')	IRRC Lyndhurst - Historic Fill	25.79
11/14/2019	744308	JMJ / 12	AT396P	C3 (8-16')	IRRC Lyndhurst - Historic Fill	29.58
11/14/2019	744309	JMJ / 13	AT397P	C3 (8-16')	IRRC Lyndhurst - Historic Fill	29.20
11/14/2019	744302	JMJ / 4	AS677F	C6 (0-8')	IRRC Lyndhurst - Historic Fill	32.80
11/19/2019	744315	JMJ / 8	AS476V	C3 (8-16')	IRRC Lyndhurst - Historic Fill	32.07
11/19/2019	744316	JMJ / 10	AT275F	C3 (8-16')	IRRC Lyndhurst - Historic Fill	30.41
1/3/2020	744245	JMJ / 12	AT396P	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	21.98
1/3/2020	744246	JMJ / 11	AT395P	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	27.78
1/3/2020	744247	JMJ / 16	AU920L	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	26.44
1/3/2020	744248	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	26.37
1/3/2020	744249	JMJ / 4	AS677F	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	29.71
1/3/2020	744250	JMJ / 18	AU452R	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	26.26
1/3/2020	744251	JMJ / 13	AT397P	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	25.08
1/3/2020	744252	JMJ / 8	AS250B	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	26.67
1/3/2020	744253	JMJ / 16	AU920L	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	25.92
1/3/2020	744254	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	27.45
1/3/2020	744255	JMJ / 19	AU427T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	27.66
1/3/2020	744256	JMJ / 4	AS677F	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	28.60
1/3/2020	744257	JMJ / 18	AU452R	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	28.81
1/3/2020	744258	JMJ / 13	AT397P	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	24.83
1/3/2020	744259	JMJ / 8	AS250B	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	25.54
1/3/2020	744260	JMJ / 14	AT398P	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	30.12
1/3/2020	744261	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	19.59
1/3/2020	744274	JMJ / 17	AU451R	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	26.99
1/3/2020	744275	JMJ / 8	AS476V	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	28.18
1/3/2020	744276	JMJ / 6	AS268R	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	25.07
1/3/2020	749787	JMJ / 18	AU452R	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	23.53
1/3/2020	749789	JMJ / 9	AS308Y	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	27.97
2/7/2020	744279	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	29.08
2/7/2020	744280	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	29.40
2/7/2020	744281	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	30.99
2/7/2020	744282	JMJ / 20	AU428T	C2 / D2 (0-8')	IRRC Lyndhurst - Historic Fill	29.16
7/26/2019	700582	JMJ / 12	AT396P	C7 (0-8')	Palmerton PA	28.47
7/26/2019	700583	JMJ / 11	AT395P	C7 (0-8')	Palmerton PA	29.71
7/26/2019	700584	JMJ / 13	AT397P	C7 (0-8')	Palmerton PA	30.52
7/26/2019	700585	JMJ / 15	AU919L	C7 (0-8')	Palmerton PA	27.06
7/26/2019	700586	JMJ / 5	AS267R	C7 (0-8')	Palmerton PA	29.80
7/26/2019	700587	JMJ / 14	AT398P	C7 (0-8')	Palmerton PA	30.59
7/26/2019	700588	JMJ / 19	AU427T	C7 (0-8')	Palmerton PA	27.86
7/26/2019	700589	JMJ / 3	AS250B	C7 (0-8')	Palmerton PA	27.98
7/26/2019	700590	JMJ / 11	AT395P	C7 (0-8')	Palmerton PA	29.49
7/26/2019	700591	JMJ / 5	AS267R	C7 (0-8')	Palmerton PA	32.43
7/26/2019	700592	JMJ / 19	AU427T	C7 (0-8')	Palmerton PA	28.24
7/26/2019	700593	JMJ / 3	AS250B	C7 (0-8')	Palmerton PA	29.91
7/26/2019	700594	JMJ / 4	AS677F	C7 (0-8')	Palmerton PA	29.29
7/26/2019	700595	JMJ / 10	AT275F	C7 (0-8')	Palmerton PA	26.97
7/26/2019	700596	JMJ / 16	AU920L	C7 (0-8')	Palmerton PA	27.62
7/26/2019	700597	JMJ / 20	AU428T	C7 (0-8')	Palmerton PA	26.55
7/29/2019	700598	JMJ / 6	AS268R	C7 (0-8')	Palmerton PA	28.21
7/29/2019	700599	JMJ / 3	AS250B	C7 (0-8')	Palmerton PA	30.43
7/29/2019	700600	JMJ / 16	AU920L	C7 (0-8')	Palmerton PA	27.23
7/29/2019	700601	JMJ / 20	AU428T	C7 (0-8')	Palmerton PA	25.61
7/29/2019	700602	JMJ / 18	AU452R	C7 (0-8')	Palmerton PA	25.67
7/29/2019	700603	JMJ / 19	AU427T	C7 (0-8')	Palmerton PA	27.32
7/29/2019	700604	JMJ / 3	AS250B	C7 (0-8')	Palmerton PA	31.27
7/29/2019	700605	JMJ / 6	AS268R	C7 (0-8')	Palmerton PA	31.37
7/29/2019	700606	JMJ / 16	AU920L	C7 (0-8')	Palmerton PA	30.13
7/29/2019	700607	JMJ / 19	AU427T	C7 (0-8')	Palmerton PA	30.08
7/29/2019	700608	JMJ / 20	AU428T	C7 (0-8')	Palmerton PA	29.58
7/29/2019	700609	JMJ / 18	AU452R	C7 (0-8')	Palmerton PA	29.86
8/21/2019	700610	JMJ / 8	AS476V	B7/C7 (0-8)	Palmerton PA	26.66
8/21/2019	700611	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	29.53
8/21/2019	700612	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	29.30
8/21/2019	700613	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	27.99
8/21/2019	700614	JMJ / 13	AT397P	B7/C7 (0-8)	Palmerton PA	28.89
8/21/2019	700615	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	31.93
8/21/2019	700616	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	29.82
8/21/2019	700617	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	26.66
8/21/2019	700618	JMJ / 13	AT397P	B7/C7 (0-8)	Palmerton PA	27.05
8/21/2019	700619	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	29.50
8/21/2019	700620	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	26.31

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8/21/2019	700621	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	25.69
8/21/2019	700622	JMJ / 13	AT397P	B7/C7 (0-8)	Palmerton PA	28.83
8/22/2019	700623	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	27.71
8/22/2019	700624	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	25.63
8/22/2019	700625	JMJ / 8	AS476V	B7/C7 (0-8)	Palmerton PA	27.68
8/22/2019	700626	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	24.51
8/22/2019	700627	JMJ / 14	AT398P	B7/C7 (0-8)	Palmerton PA	27.83
8/22/2019	700628	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	28.10
8/22/2019	700629	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	29.90
8/22/2019	700630	JMJ / 8	AS476V	B7/C7 (0-8)	Palmerton PA	27.11
8/22/2019	700631	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	23.57
8/22/2019	700632	JMJ / 14	AT398P	B7/C7 (0-8)	Palmerton PA	23.63
8/22/2019	700633	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	29.68
8/22/2019	700634	JMJ / 5	AS267R	B7/C7 (0-8)	Palmerton PA	31.12
8/22/2019	700635	JMJ / 14	AT398P	B7/C7 (0-8)	Palmerton PA	30.13
8/22/2019	700636	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	29.07
8/22/2019	700637	JMJ / 8	AS476V	B7/C7 (0-8)	Palmerton PA	29.48
8/22/2019	700638	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	26.95
8/22/2019	700639	JMJ / 11	AT395P	B7/C7 (0-8)	Palmerton PA	26.58
8/22/2019	700640	JMJ / 8	AS476V	B7/C7 (0-8)	Palmerton PA	27.53
8/22/2019	700641	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	24.19
8/22/2019	700642	JMJ / 14	AT398P	B7/C7 (0-8)	Palmerton PA	24.92
8/23/2019	700643	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	29.69
8/23/2019	700644	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	24.89
8/23/2019	700645	JMJ / 16	AU920L	B7/C7 (0-8)	Palmerton PA	26.79
8/23/2019	700646	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	26.12
8/23/2019	700647	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	27.84
8/23/2019	700648	JMJ / 16	AU920L	B7/C7 (0-8)	Palmerton PA	23.74
8/23/2019	700649	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	25.40
8/23/2019	700650	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	28.64
8/23/2019	700651	JMJ / 16	AU920L	B7/C7 (0-8)	Palmerton PA	28.67
8/23/2019	700652	JMJ / 12	AT396P	B7/C7 (0-8)	Palmerton PA	29.89
8/23/2019	700653	JMJ / 17	AU451R	B7/C7 (0-8)	Palmerton PA	28.59
8/23/2019	700654	JMJ / 16	AU920L	B7/C7 (0-8)	Palmerton PA	27.52
8/28/2019	700655	JMJ / 12	AT396P	RI-SB-9(1-3)	Palmerton PA	29.25
9/12/2019	731191	JMJ / 14	AT398P	A6/B6/B7 (8-16)	Palmerton PA	26.24
9/12/2019	731192	JMJ / 8	AS476V	A6/B6/B7 (8-16)	Palmerton PA	25.40
9/12/2019	731193	JMJ / 17	AU451R	A6/B6/B7 (8-16)	Palmerton PA	27.04
9/12/2019	731194	JMJ / 15	AU919L	A6/B6/B7 (8-16)	Palmerton PA	27.36
9/12/2019	731195	JMJ / 19	AU427T	A6/B6/B7 (8-16)	Palmerton PA	27.21
9/12/2019	731196	JMJ / 20	AU428T	A6/B6/B7 (8-16)	Palmerton PA	28.43
9/12/2019	731197	JMJ / 16	AU920L	A6/B6/B7 (8-16)	Palmerton PA	26.88
9/12/2019	731198	JMJ / 18	AU452R	A6/B6/B7 (8-16)	Palmerton PA	26.39
9/12/2019	731199	JMJ / 3	AS250B	A6/B6/B7 (8-16)	Palmerton PA	25.81
9/12/2019	731200	JMJ / 11	AT395P	A6/B6/B7 (8-16)	Palmerton PA	28.79
9/12/2019	731201	JMJ / 4	AS677F	A6/B6/B7 (8-16)	Palmerton PA	25.53
9/12/2019	731203	JMJ / 13	AT397P	A6/B6/B7 (8-16)	Palmerton PA	28.64
9/12/2019	731204	JMJ / 5	AS267R	A6/B6/B7 (8-16)	Palmerton PA	25.02
9/12/2019	731205	JMJ / 10	AT275F	A6/B6/B7 (8-16)	Palmerton PA	25.44
9/12/2019	731206	JMJ / 19	AU427T	A6/B6/B7 (8-16)	Palmerton PA	26.75
9/12/2019	731207	JMJ / 12	AT396P	A6/B6/B7 (8-16)	Palmerton PA	26.86
9/13/2019	731208	JMJ / 15	AU919L	A6/B6/B7 (8-16)	Palmerton PA	27.34
9/13/2019	731209	JMJ / 20	AU428T	A6/B6/B7 (8-16)	Palmerton PA	23.72
9/13/2019	731210	JMJ / 5	AS267R	A6/B6/B7 (8-16)	Palmerton PA	27.20
9/13/2019	731211	JMJ / 19	AU427T	A6/B6/B7 (8-16)	Palmerton PA	25.91
9/13/2019	731212	JMJ / 4	AS677F	A6/B6/B7 (8-16)	Palmerton PA	25.41
9/13/2019	731213	JMJ / 17	AU451R	A6/B6/B7 (8-16)	Palmerton PA	29.37
9/13/2019	731214	JMJ / 10	AT275F	A6/B6/B7 (8-16)	Palmerton PA	24.37
9/13/2019	731215	JMJ / 8	AS476V	A6/B6/B7 (8-16)	Palmerton PA	26.15
9/13/2019	731216	JMJ / 15	AU919L	A6/B6/B7 (8-16)	Palmerton PA	27.63
9/13/2019	731217	JMJ / 5	AS267R	A6/B6/B7 (8-16)	Palmerton PA	26.74
9/17/2019	731218	JMJ / 5	AS267R	B6/B7 (8-16)	Palmerton PA	29.59
9/17/2019	731219	JMJ / 20	AU428T	B6/B7 (8-16)	Palmerton PA	25.74
9/17/2019	731220	JMJ / 16	AU920L	B6/B7 (8-16)	Palmerton PA	26.21
9/17/2019	731221	JMJ / 10	AT275F	B6/B7 (8-16)	Palmerton PA	25.71
9/17/2019	731222	JMJ / 18	AU452R	B6/B7 (8-16)	Palmerton PA	26.07
9/17/2019	731223	JMJ / 19	AU427T	B6/B7 (8-16)	Palmerton PA	25.08
9/17/2019	731224	JMJ / 17	AU451R	B6/B7 (8-16)	Palmerton PA	27.31
9/17/2019	731225	JMJ / 8	AS268R	B6/B7 (8-16)	Palmerton PA	25.78
9/17/2019	731226	JMJ / 6	AS268R	B6/B7 (8-16)	Palmerton PA	27.32
9/17/2019	731227	JMJ / 9	AS308Y	B6/B7 (8-16)	Palmerton PA	24.10
9/17/2019	731228	JMJ / 12	AT396P	B6/B7 (8-16)	Palmerton PA	23.32
9/17/2019	731229	JMJ / 11	AT395P	B6/B7 (8-16)	Palmerton PA	24.83
9/17/2019	731230	JMJ / 14	AT398P	B6/B7 (8-16)	Palmerton PA	21.99
9/17/2019	731231	JMJ / 15	AU919L	B6/B7 (8-16)	Palmerton PA	23.04
9/17/2019	731232	JMJ / 13	AT397P	B6/B7 (8-16)	Palmerton PA	21.67

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9/17/2019	731233	JMJ / 4	AS677F	B6/B7 (8-16)	Palmerton PA	22.18
9/17/2019	731234	JMJ / 5	AS267R	B6/B7 (8-16)	Palmerton PA	25.51
9/17/2019	731235	JMJ / 19	AU427T	B6/B7 (8-16)	Palmerton PA	19.52
10/17/2019	731236	JMJ / 5	AS267R	D2 (0-8')	Palmerton PA	25.33
10/17/2019	731237	JMJ / 10	AT275F	D2 (0-8')	Palmerton PA	21.40
10/17/2019	731238	JMJ / 8	AS476V	D2 (0-8')	Palmerton PA	25.35
10/17/2019	731239	JMJ / 14	AT398P	D2 (0-8')	Palmerton PA	28.76
10/17/2019	731240	JMJ / 16	AU920L	D2 (0-8')	Palmerton PA	25.63
10/17/2019	731241	JMJ / 20	AU428T	D2 (0-8')	Palmerton PA	23.83
10/17/2019	731242	JMJ / 18	AU452R	D2 (0-8')	Palmerton PA	26.95
10/17/2019	731243	JMJ / 11	AT395P	D2 (0-8')	Palmerton PA	24.77
10/17/2019	731244	JMJ / 13	AT397P	D2 (0-8')	Palmerton PA	23.93
10/17/2019	731245	JMJ / 15	AU919L	D2 (0-8')	Palmerton PA	25.31
10/17/2019	731246	JMJ / 12	AT396P	D2 (0-8')	Palmerton PA	25.93
10/17/2019	731247	JMJ / 19	AU427T	D2 (0-8')	Palmerton PA	24.08
10/17/2019	731248	JMJ / 9	AS308Y	D2 (0-8')	Palmerton PA	19.79
10/17/2019	731249	JMJ / 17	AU451R	D2 (0-8')	Palmerton PA	21.55
10/17/2019	731250	JMJ / 5	AS267R	D2 (0-8')	Palmerton PA	27.31
10/17/2019	731251	JMJ / 10	AT275F	D2 (0-8')	Palmerton PA	25.03
10/17/2019	731252	JMJ / 8	AS476V	D2 (0-8')	Palmerton PA	24.29
10/17/2019	731253	JMJ / 11	AT395P	D2 (0-8')	Palmerton PA	25.42
10/17/2019	731254	JMJ / 13	AT397P	D2 (0-8')	Palmerton PA	27.64
10/17/2019	731255	JMJ / 18	AU452R	D2 (0-8')	Palmerton PA	25.18
10/17/2019	731256	JMJ / 19	AU427T	D2 (0-8')	Palmerton PA	27.54
10/17/2019	731257	JMJ / 14	AT398P	D2 (0-8')	Palmerton PA	26.81
10/17/2019	731258	JMJ / 15	AU919L	D2 (0-8')	Palmerton PA	22.98
10/18/2019	731259	JMJ / 15	AU919L	D2 (0-8')	Palmerton PA	26.64
10/18/2019	731260	JMJ / 9	AS308Y	D2 (0-8')	Palmerton PA	24.69
11/6/2019	719944	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	27.29
11/6/2019	719945	JMJ / 14	AT398P	D4 (0-8')	Palmerton PA	30.35
11/6/2019	719946	JMJ / 3	AS250B	D4 (0-8')	Palmerton PA	30.10
11/6/2019	719947	JMJ / 13	AT397P	D4 (0-8')	Palmerton PA	32.75
11/6/2019	719948	JMJ / 4	AS677F	D4 (0-8')	Palmerton PA	27.85
11/6/2019	719949	JMJ / 9	AS308Y	D4 (0-8')	Palmerton PA	29.68
11/6/2019	719954	JMJ / 14	AT398P	D4 (0-8')	Palmerton PA	29.11
11/6/2019	719955	JMJ / 3	AS250B	D4 (0-8')	Palmerton PA	27.78
11/6/2019	719956	JMJ / 13	AT397P	D4 (0-8')	Palmerton PA	29.37
11/6/2019	719957	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	28.79
11/6/2019	719958	JMJ / 4	AS677F	D4 (0-8')	Palmerton PA	28.07
11/6/2019	719959	JMJ / 9	AS308Y	D4 (0-8')	Palmerton PA	31.90
11/6/2019	719960	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	29.27
11/6/2019	719961	JMJ / 13	AT397P	D4 (0-8')	Palmerton PA	32.66
11/6/2019	719962	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	31.01
11/6/2019	719963	JMJ / 9	AS308Y	D4 (0-8')	Palmerton PA	29.72
11/6/2019	719964	JMJ / 14	AT398P	D4 (0-8')	Palmerton PA	30.34
11/6/2019	719965	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	30.33
11/6/2019	719966	JMJ / 3	AS250B	D4 (0-8')	Palmerton PA	28.92
11/6/2019	719967	JMJ / 13	AS250B	D4 (0-8')	Palmerton PA	29.66
11/6/2019	719968	JMJ / 14	AS250B	D4 (0-8')	Palmerton PA	30.37
11/6/2019	719969	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	31.43
11/6/2019	719970	JMJ / 4	AS677F	D4 (0-8')	Palmerton PA	33.00
11/6/2019	719971	JMJ / 9	AS308Y	D4 (0-8')	Palmerton PA	32.13
11/8/2019	719972	JMJ / 3	AS250B	D4 (0-8')	Palmerton PA	28.81
11/8/2019	719973	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	27.74
11/8/2019	719974	JMJ / 15	AU919L	D4 (0-8')	Palmerton PA	27.35
11/8/2019	719975	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	28.66
11/8/2019	719976	JMJ / 12	AT396P	D4 (0-8')	Palmerton PA	30.53
11/8/2019	719977	JMJ / 13	AS250B	D4 (0-8')	Palmerton PA	30.02
11/8/2019	719978	JMJ / 12	AT396P	D4 (0-8')	Palmerton PA	28.32
11/8/2019	719979	JMJ / 3	AS250B	D4 (0-8')	Palmerton PA	30.37
11/8/2019	719982	JMJ / 13	AS250B	D4 (0-8')	Palmerton PA	30.94
11/8/2019	719983	JMJ / 14	AS250B	D4 (0-8')	Palmerton PA	27.12
11/12/2019	719984	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	28.31
11/12/2019	719985	JMJ / 12	AT396P	D4 (0-8')	Palmerton PA	30.00
11/12/2019	719986	JMJ / 14	AT398P	D4 (0-8')	Palmerton PA	29.32
11/12/2019	719987	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	28.79
11/12/2019	719988	JMJ / 14	AS250B	D4 (0-8')	Palmerton PA	31.82
11/12/2019	719989	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	29.09
11/12/2019	719990	JMJ / 14	AT398P	D4 (0-8')	Palmerton PA	33.38
11/12/2019	719991	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	34.18
11/12/2019	719992	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	34.00
11/12/2019	719993	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	31.32
11/12/2019	719994	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	34.92
11/12/2019	719995	JMJ / 12	AT396P	D4 (0-8')	Palmerton PA	32.77
11/14/2019	744310	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	27.72
11/14/2019	744311	JMJ / 19	AU427T	D4 (0-8')	Palmerton PA	27.32

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
11/14/2019	744312	JMJ / 12	AT396P	D4 (0-8')	Palmerton PA	29.61
11/19/2019	744313	JMJ / 19	AU427T	D4 (0-8')	Palmerton PA	28.64
11/19/2019	744314	JMJ / 10	AT275F	D4 (0-8')	Palmerton PA	31.59
11/19/2019	744317	JMJ / 4	AS677F	D4 (0-8')	Palmerton PA	28.68
11/19/2019	744318	JMJ / 15	AU919L	D4 (0-8')	Palmerton PA	30.46
11/19/2019	744319	JMJ / 19	AU427T	D4 (0-8')	Palmerton PA	27.92
11/19/2019	744320	JMJ / 4	AS677F	D4 (0-8')	Palmerton PA	30.14
11/29/2019	731261	JMJ / 11	AT395P	A7 (8-16')	Palmerton PA	24.49
11/29/2019	731262	JMJ / 13	AT397P	A7 (8-16')	Palmerton PA	20.74
11/29/2019	731263	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	23.81
11/29/2019	731264	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	23.06
11/29/2019	731265	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	27.83
11/29/2019	731266	JMJ / 9	AS308Y	A7 (8-16')	Palmerton PA	24.57
11/29/2019	731267	JMJ / 18	AU452R	A7 (8-16')	Palmerton PA	21.98
11/29/2019	731268	JMJ / 10	AT275F	A7 (8-16')	Palmerton PA	27.21
11/29/2019	731269	JMJ / 20	AU428T	A7 (8-16')	Palmerton PA	20.55
11/29/2019	731270	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	21.23
11/29/2019	731271	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	23.04
11/29/2019	731272	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	24.30
11/29/2019	731273	JMJ / 11	AT395P	A7 (8-16')	Palmerton PA	26.80
11/29/2019	731274	JMJ / 13	AT397P	A7 (8-16')	Palmerton PA	23.61
11/29/2019	731275	JMJ / 5	AS267R	A7 (8-16') / A6 (8-16')	Palmerton PA	22.25
11/29/2019	731276	JMJ / 9	AS308Y	A7 (8-16') / A6 (8-16')	Palmerton PA	24.89
11/29/2019	731277	JMJ / 18	AU452R	A7 (8-16') / A6 (8-16')	Palmerton PA	24.43
11/29/2019	731278	JMJ / 10	AT275F	A7 (8-16') / A6 (8-16')	Palmerton PA	26.98
11/29/2019	731279	JMJ / 17	AU451R	A7 (8-16') / A6 (8-16')	Palmerton PA	26.72
11/29/2019	731280	JMJ / 20	AU428T	A7 (8-16') / A6 (8-16')	Palmerton PA	25.14
12/2/2019	731281	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	22.19
12/2/2019	731282	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	23.74
12/2/2019	731283	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	22.11
12/2/2019	731284	JMJ / 10	AT275F	A7 (8-16')	Palmerton PA	22.41
12/2/2019	731285	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	24.86
12/2/2019	731286	JMJ / 13	AT397P	A7 (8-16')	Palmerton PA	24.62
12/2/2019	731287	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	24.22
12/2/2019	731288	JMJ / 4	AS677F	A7 (8-16')	Palmerton PA	24.26
12/2/2019	731289	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	25.44
12/2/2019	731290	JMJ / 20	AU428T	A7 (8-16')	Palmerton PA	22.02
12/2/2019	744327	JMJ / 19	AU427T	A7 (8-16')	Palmerton PA	23.38
12/2/2019	744328	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	28.68
12/2/2019	744329	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	26.70
12/2/2019	744330	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	26.33
12/3/2019	745936	JMJ / 14	AT398P	A6 (8-16')	Palmerton PA	26.17
12/3/2019	745937	JMJ / 19	AU427T	A6 (8-16')	Palmerton PA	26.89
12/3/2019	745938	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	25.48
12/3/2019	745939	JMJ / 20	AU428T	A6 (8-16')	Palmerton PA	23.95
12/3/2019	745940	JMJ / 17	AU451R	A6 (8-16')	Palmerton PA	21.79
12/3/2019	745941	JMJ / 4	AS677F	A6 (8-16')	Palmerton PA	23.56
12/3/2019	745943	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	24.37
12/3/2019	745934	JMJ / 8	AS476V	A7 (8-16') / A6 (8-16')	Palmerton PA	26.20
12/3/2019	745935	JMJ / 10	AT275F	A7 (8-16') / A6 (8-16')	Palmerton PA	23.34
12/3/2019	745946	JMJ / 14	AT398P	A7 (8-16') / A6 (8-16')	Palmerton PA	25.27
12/3/2019	745947	JMJ / 10	AT275F	A7 (8-16') / A6 (8-16')	Palmerton PA	23.86
12/3/2019	745948	JMJ / 19	AU427T	A7 (8-16') / A6 (8-16')	Palmerton PA	20.10
12/3/2019	745932	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	23.74
12/3/2019	745933	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	24.53
12/3/2019	745944	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	22.96
12/3/2019	745945	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	26.84
12/4/2019	745942	JMJ / 14	AT396P	A6 (8-16')	Palmerton PA	22.79
12/4/2019	745949	JMJ / 5	AS267R	A6 (8-16')	Palmerton PA	25.40
12/4/2019	745950	JMJ / 11	AT395P	A6 (8-16')	Palmerton PA	24.41
12/4/2019	745951	JMJ / 13	AT397P	A6 (8-16')	Palmerton PA	22.32
12/4/2019	745952	JMJ / 4	AS677F	A6 (8-16')	Palmerton PA	27.64
12/4/2019	745956	JMJ / 14	AT398P	A6 (8-16')	Palmerton PA	23.33
12/4/2019	745957	JMJ / 5	AS267R	A6 (8-16')	Palmerton PA	25.83
12/4/2019	745958	JMJ / 11	AT395P	A6 (8-16')	Palmerton PA	23.48
12/4/2019	745953	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	27.28
12/4/2019	745954	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	26.34
12/4/2019	745955	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	22.93
12/4/2019	745959	JMJ / 13	AT397P	A7 (8-16') / A6 (8-16')	Palmerton PA	20.55
12/4/2019	745960	JMJ / 17	AU451R	A7 (8-16') / A6 (8-16')	Palmerton PA	22.16
12/11/2019	745964	JMJ / 12	AT396P	A6 (8-16')	Palmerton PA	23.64
12/11/2019	745965	JMJ / 10	AT275F	A6 (8-16')	Palmerton PA	25.27
12/11/2019	745966	JMJ / 14	AT398P	A6 (8-16')	Palmerton PA	23.01
12/11/2019	745967	JMJ / 5	AS267R	A6 (8-16')	Palmerton PA	25.81
12/11/2019	745968	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	23.83
12/11/2019	745969	JMJ / 17	AU451R	A6 (8-16')	Palmerton PA	25.24

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
12/11/2019	745970	JMJ / 18	AU452R	A6 (8-16')	Palmerton PA	28.58
12/11/2019	745971	JMJ / 4	AS677F	A6 (8-16')	Palmerton PA	26.94
12/11/2019	745972	JMJ / 8	AS476V	A6 (8-16')	Palmerton PA	29.22
12/11/2019	745973	JMJ / 19	AU427T	A6 (8-16')	Palmerton PA	26.54
12/11/2019	745974	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	26.42
12/11/2019	745975	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	20.85
12/11/2019	745976	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	24.57
12/11/2019	745977	JMJ / 10	AT275F	A7 (8-16')	Palmerton PA	25.56
12/11/2019	745978	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	24.79
12/11/2019	745979	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	24.73
12/11/2019	745980	JMJ / 18	AU452R	A7 (8-16')	Palmerton PA	35.37
12/11/2019	745981	JMJ / 19	AU427T	A7 (8-16')	Palmerton PA	35.51
12/11/2019	745982	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	26.07
12/11/2019	745983	JMJ / 13	AT397P	A7 (8-16')	Palmerton PA	23.23
12/12/2019	746001	JMJ / 17	AU451R	A6 (8-16')	Palmerton PA	23.69
12/12/2019	746002	JMJ / 20	AU428T	A6 (8-16')	Palmerton PA	20.76
12/12/2019	746003	JMJ / 10	AT275F	A6 (8-16')	Palmerton PA	24.65
12/12/2019	745984	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	22.78
12/12/2019	745985	JMJ / 4	AS677F	A7 (8-16')	Palmerton PA	27.69
12/12/2019	745986	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	29.64
12/12/2019	745987	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	29.08
12/12/2019	745988	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	25.91
12/12/2019	745989	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	31.68
12/12/2019	745990	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	27.95
12/12/2019	745991	JMJ / 19	AU427T	A7 (8-16')	Palmerton PA	27.60
12/12/2019	745992	JMJ / 10	AT275F	A7 (8-16')	Palmerton PA	24.44
12/12/2019	745993	JMJ / 20	AT428T	A7 (8-16')	Palmerton PA	24.22
12/12/2019	745994	JMJ / 12	AT396P	A7 (8-16')	Palmerton PA	23.70
12/12/2019	745995	JMJ / 4	AS677F	A7 (8-16')	Palmerton PA	22.70
12/12/2019	745996	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	22.06
12/12/2019	745997	JMJ / 15	AU919L	A7 (8-16')	Palmerton PA	20.25
12/12/2019	745998	JMJ / 19	AU427T	A7 (8-16')	Palmerton PA	20.01
12/12/2019	745999	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	21.17
12/12/2019	746000	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	23.47
12/13/2019	746006	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	23.63
12/13/2019	746007	JMJ / 12	AT396P	A6 (8-16')	Palmerton PA	23.96
12/13/2019	746008	JMJ / 8	AS476V	A6 (8-16')	Palmerton PA	24.01
12/13/2019	746013	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	22.44
12/13/2019	746014	JMJ / 12	AT396P	A6 (8-16')	Palmerton PA	24.90
12/13/2019	746016	JMJ / 19	AU427T	A6 (8-16')	Palmerton PA	23.32
12/13/2019	746004	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	22.68
12/13/2019	746005	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	24.30
12/13/2019	746009	JMJ / 19	AU427T	A7 (8-16')	Palmerton PA	21.30
12/13/2019	746010	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	25.09
12/13/2019	746011	JMJ / 14	AT398P	A7 (8-16')	Palmerton PA	25.33
12/13/2019	746012	JMJ / 5	AS267R	A7 (8-16')	Palmerton PA	21.73
12/13/2019	746015	JMJ / 17	AU451R	A7 (8-16')	Palmerton PA	22.01
12/13/2019	746017	JMJ / 8	AS476V	A7 (8-16')	Palmerton PA	23.90
12/17/2019	744341	Civetta Cousins / 2	64610PC	A7 (8-16')	Palmerton PA	24.46
12/17/2019	744342	Civetta Cousins / 2	64610PC	A7 (8-16')	Palmerton PA	24.36
12/17/2019	746018	JMJ / 18	AU452R	C4 (0-8')	Palmerton PA	27.47
12/17/2019	746019	JMJ / 20	AU428T	C4 (0-8')	Palmerton PA	27.72
12/17/2019	746020	JMJ / 10	AT275F	C4 (0-8')	Palmerton PA	23.88
12/17/2019	746021	JMJ / 14	AT398P	C4 (0-8')	Palmerton PA	25.65
12/17/2019	746022	JMJ / 19	AU427T	C4 (0-8')	Palmerton PA	25.71
12/17/2019	746023	JMJ / 8	AS476V	C4 (0-8')	Palmerton PA	23.06
12/17/2019	746024	JMJ / 17	AU451R	C4 (0-8')	Palmerton PA	21.84
12/17/2019	746025	JMJ / 12	AT396P	C4 (0-8')	Palmerton PA	26.32
12/17/2019	746026	JMJ / 3	AS250B	C4 (0-8')	Palmerton PA	28.03
12/17/2019	746027	JMJ / 16	AU920L	C4 (0-8')	Palmerton PA	24.06
12/17/2019	747885	JMJ / 18	AU452R	C4 / D4 (0-8')	Palmerton PA	28.75
12/17/2019	747886	JMJ / 9	AS308Y	C4 / D4 (0-8')	Palmerton PA	31.44
12/17/2019	747887	JMJ / 14	AT398P	C4 / D4 (0-8')	Palmerton PA	32.56
12/17/2019	746028	JMJ / 5	AS267R	D4 (0-8')	Palmerton PA	27.68
12/17/2019	746029	JMJ / 15	AU919L	D4 (0-8')	Palmerton PA	27.05
12/17/2019	746030	JMJ / 11	AT395P	D4 (0-8')	Palmerton PA	31.14
12/17/2019	746031	JMJ / 6	AS268R	D4 (0-8')	Palmerton PA	31.39
12/19/2019	744331	JMJ / 10	AT275F	Clean concrete	Palmerton PA	22.40
12/19/2019	744332	Civetta Cousins / 2	64610PC	Clean concrete	Palmerton PA	21.45
12/19/2019	744333	JMJ / 10	AT275F	Clean concrete	Palmerton PA	23.80
12/19/2019	744334	Civetta Cousins / 2	64610PC	Clean concrete	Palmerton PA	23.17
12/19/2019	744335	JMJ / 10	AT275F	Clean concrete	Palmerton PA	24.09
12/19/2019	744336	Civetta Cousins / 2	64610PC	Clean concrete	Palmerton PA	23.83
12/19/2019	744343	JMJ / 10	AT275F	Clean concrete	Palmerton PA	21.40
12/19/2019	744344	Civetta Cousins / 2	64610PC	Clean concrete	Palmerton PA	20.09
12/20/2019	747890	JMJ / 4	AS267R	A6 (8-16')	Palmerton PA	31.22

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
12/20/2019	747891	JMJ / 8	AS476V	A6 (8-16')	Palmerton PA	24.33
12/20/2019	747892	JMJ / 10	AT275F	A6 (8-16')	Palmerton PA	26.78
12/20/2019	747893	JMJ / 19	AU427T	A6 (8-16')	Palmerton PA	29.15
12/20/2019	747894	JMJ / 16	AU920L	A6 (8-16')	Palmerton PA	26.42
12/20/2019	747895	JMJ / 13	AT397P	A6 (8-16')	Palmerton PA	30.28
12/20/2019	747896	JMJ / 18	AU452R	A6 (8-16')	Palmerton PA	23.02
12/20/2019	747897	JMJ / 6	AS268R	A6 (8-16')	Palmerton PA	29.28
12/20/2019	747898	JMJ / 9	AS308Y	A6 (8-16')	Palmerton PA	27.44
12/20/2019	747899	JMJ / 3	AS250B	A6 (8-16')	Palmerton PA	27.93
12/20/2019	747900	JMJ / 12	AT396P	A6 (8-16')	Palmerton PA	24.52
12/20/2019	747901	JMJ / 11	AT395P	A6 (8-16')	Palmerton PA	30.34
12/20/2019	747902	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	29.02
12/20/2019	747903	JMJ / 20	AU428T	A6 (8-16')	Palmerton PA	25.42
12/20/2019	747904	JMJ / 17	AU451R	A6 (8-16')	Palmerton PA	23.51
12/20/2019	747905	JMJ / 5	AS267R	A6 (8-16')	Palmerton PA	28.09
12/20/2019	747888	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	25.96
12/20/2019	747889	JMJ / 14	AT397P	B6 (8-16')	Palmerton PA	27.29
12/23/2019	747906	JMJ / 12	AT396P	A6 (8-16')	Palmerton PA	23.16
12/23/2019	747907	JMJ / 5	AS267R	A6 (8-16')	Palmerton PA	24.74
12/23/2019	747908	JMJ / 11	AT395P	A6 (8-16')	Palmerton PA	27.02
12/23/2019	747909	JMJ / 15	AU919L	A6 (8-16')	Palmerton PA	23.29
12/23/2019	748344	JMJ / 19	AU427T	A6 (8-16')	Palmerton PA	27.98
12/23/2019	748345	JMJ / 10	AT275F	A7 (8-16') / A6 (8-16')	Palmerton PA	26.78
12/23/2019	748346	JMJ / 8	AS476V	A7 (8-16') / A6 (8-16')	Palmerton PA	31.17
12/23/2019	748347	JMJ / 17	AU451R	A7 (8-16') / A6 (8-16')	Palmerton PA	26.61
12/23/2019	748349	JMJ / 13	AT397P	A7 (8-16') / A6 (8-16')	Palmerton PA	25.49
12/23/2019	748350	JMJ / 6	AS268R	A7 (8-16') / A6 (8-16')	Palmerton PA	27.35
12/23/2019	748351	JMJ / 9	AS308Y	A7 (8-16') / A6 (8-16')	Palmerton PA	28.23
12/23/2019	748352	JMJ / 3	AS250B	A7 (8-16') / A6 (8-16')	Palmerton PA	29.50
12/23/2019	748353	JMJ / 20	AU428T	A7 (8-16') / A6 (8-16')	Palmerton PA	27.54
12/23/2019	748354	JMJ / 18	AU452R	A7 (8-16') / A6 (8-16')	Palmerton PA	23.89
12/23/2019	748355	JMJ / 16	AU920L	A7 (8-16') / A6 (8-16')	Palmerton PA	27.62
12/23/2019	748348	JMJ / 4	AS677F	B7 (8-16')	Palmerton PA	28.38
12/26/2019	748356	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	25.14
12/26/2019	748357	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	23.46
12/26/2019	748358	JMJ / 8	AS476V	B6 (8-16')	Palmerton PA	24.77
12/26/2019	748359	JMJ / 10	AT275F	B6 (8-16')	Palmerton PA	24.51
12/26/2019	748360	JMJ / 4	AS677F	B6 (8-16')	Palmerton PA	26.34
12/26/2019	748361	JMJ / 20	AU428T	B6 (8-16')	Palmerton PA	26.24
12/26/2019	748362	JMJ / 16	AU920L	B6 (8-16')	Palmerton PA	21.82
12/26/2019	748363	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	24.29
12/26/2019	748364	JMJ / 18	AU452R	B6 (8-16')	Palmerton PA	22.25
12/26/2019	748365	JMJ / 6	AS268R	B6 (8-16')	Palmerton PA	25.05
12/26/2019	748366	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	22.33
12/26/2019	748367	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	22.78
12/26/2019	748368	JMJ / 8	AS476V	B6 (8-16')	Palmerton PA	24.59
12/26/2019	748369	JMJ / 10	AT275F	B6 (8-16')	Palmerton PA	24.11
12/26/2019	748370	JMJ / 4	AS677F	B6 (8-16')	Palmerton PA	22.85
12/26/2019	748371	JMJ / 13	AT397P	B6 (8-16')	Palmerton PA	20.48
12/26/2019	748372	JMJ / 3	AS250B	B6 (8-16')	Palmerton PA	23.80
12/26/2019	748373	JMJ / 17	AU451R	B6 (8-16')	Palmerton PA	24.00
12/27/2019	748374	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	21.68
12/27/2019	748375	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	25.35
12/27/2019	748376	JMJ / 16	AU920L	B6 (8-16')	Palmerton PA	24.38
12/27/2019	748377	JMJ / 18	AU452R	B6 (8-16')	Palmerton PA	24.58
12/27/2019	748378	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	25.78
12/27/2019	748379	JMJ / 13	AT397P	B6 (8-16')	Palmerton PA	23.99
12/27/2019	748380	JMJ / 8	AS476V	B6 (8-16')	Palmerton PA	27.70
12/27/2019	748381	JMJ / 4	AS677F	B6 (8-16')	Palmerton PA	27.95
12/27/2019	748382	JMJ / 15	AU919L	B6 (8-16')	Palmerton PA	25.80
12/27/2019	748383	JMJ / 10	AT275F	B6 (8-16')	Palmerton PA	26.19
12/27/2019	748384	JMJ / 17	AU451R	B6 (8-16')	Palmerton PA	27.60
12/27/2019	748385	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	28.25
12/27/2019	748386	JMJ / 6	AS268R	B6 (8-16')	Palmerton PA	29.73
12/27/2019	748387	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	24.13
12/27/2019	748388	JMJ / 16	AU920L	B6 (8-16')	Palmerton PA	25.13
12/27/2019	748389	JMJ / 18	AU452R	B6 (8-16')	Palmerton PA	24.21
12/27/2019	748390	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	24.89
12/27/2019	748391	JMJ / 13	AT397P	B6 (8-16')	Palmerton PA	25.51
12/30/2019	748936	JMJ / 5	AS267R	C4 / C5 (0-8')	Palmerton PA	29.80
12/30/2019	748937	JMJ / 10	AT275F	C4 / C5 (0-8')	Palmerton PA	29.40
12/30/2019	748938	JMJ / 8	AS476V	C4 / C5 (0-8')	Palmerton PA	28.68
12/30/2019	748939	JMJ / 4	AS476V	C4 / C5 (0-8')	Palmerton PA	29.25
12/30/2019	748940	Munoz / 56	AS244U	C4 / C5 (0-8')	Palmerton PA	28.75
12/30/2019	748941	JMJ / 15	AU919L	C4 / C5 (0-8')	Palmerton PA	25.36
12/30/2019	748942	JMJ / 16	AU920L	C4 / C5 (0-8')	Palmerton PA	21.13

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
12/30/2019	748943	Munoz / 86	AS932W	C4 / C5 (0-8')	Palmerton PA	27.05
12/30/2019	748944	Munoz / 58	AS245U	C4 / C5 (0-8')	Palmerton PA	27.90
12/30/2019	748392	Munoz / 56	AS244U	C5 (0-8')	Palmerton PA	21.81
12/30/2019	748393	Munoz / 86	AS932W	C5 (0-8')	Palmerton PA	25.22
12/30/2019	748925	Munoz / 58	AS245U	C5 (0-8')	Palmerton PA	25.88
12/30/2019	748926	Munoz / 41	AR167G	C5 (0-8')	Palmerton PA	27.44
12/30/2019	748927	JMJ / 11	AT395P	C5 (0-8')	Palmerton PA	25.98
12/30/2019	748928	Munoz / 87	AT384J	C5 (0-8')	Palmerton PA	22.19
12/30/2019	748929	Munoz / 64	AS200V	C5 (0-8')	Palmerton PA	25.70
12/30/2019	748930	JMJ / 13	AT397P	C5 (0-8')	Palmerton PA	22.44
12/30/2019	748931	JMJ / 6	AS268R	C5 (0-8')	Palmerton PA	24.02
12/30/2019	748932	JMJ / 17	AU451R	C5 (0-8')	Palmerton PA	28.01
12/30/2019	748933	Munoz / 65	AS194V	C5 (0-8')	Palmerton PA	27.42
12/30/2019	748934	Munoz / 104	AT809U	C5 (0-8')	Palmerton PA	25.57
12/30/2019	748935	Munoz / 131	AW711D	C5 (0-8')	Palmerton PA	27.41
12/30/2019	748945	Munoz / 41	AR167G	C5 (0-8')	Palmerton PA	29.30
12/30/2019	748946	JMJ / 18	AU452R	C5 (0-8')	Palmerton PA	27.36
12/30/2019	748947	JMJ / 14	AT397P	C5 (0-8')	Palmerton PA	29.49
12/30/2019	748948	Munoz / 64	AS200V	C5 (0-8')	Palmerton PA	26.82
12/30/2019	748949	Munoz / 65	AS194V	C5 (0-8')	Palmerton PA	28.96
12/30/2019	748950	Munoz / 104	AT809U	C5 (0-8')	Palmerton PA	27.02
12/30/2019	748951	Munoz / 131	AW711D	C5 (0-8')	Palmerton PA	26.73
12/31/2019	748952	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	24.61
12/31/2019	748953	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	27.57
12/31/2019	748954	JMJ / 8	AS476V	B6 (8-16')	Palmerton PA	23.47
12/31/2019	748955	JMJ / 6	AS268R	B6 (8-16')	Palmerton PA	25.08
12/31/2019	748956	JMJ / 16	AU920L	B6 (8-16')	Palmerton PA	18.95
12/31/2019	748957	JMJ / 17	AU451R	B6 (8-16')	Palmerton PA	20.54
12/31/2019	748958	Munoz / 121	AU835B	B6 (8-16')	Palmerton PA	20.71
12/31/2019	748959	JMJ / 18	AU452R	B6 (8-16')	Palmerton PA	23.42
12/31/2019	748973	JMJ / 15	AU919L	B7 (8-16')	Palmerton PA	24.55
12/31/2019	748974	JMJ / 13	AT397P	B7 (8-16')	Palmerton PA	22.43
12/31/2019	749285	JMJ / 14	AT398P	B7 (8-16')	Palmerton PA	23.99
12/31/2019	749286	JMJ / 8	AS476V	B7 (8-16')	Palmerton PA	22.31
12/31/2019	749287	JMJ / 6	AS268R	B7 (8-16')	Palmerton PA	25.49
12/31/2019	749288	JMJ / 16	AU920L	B7 (8-16')	Palmerton PA	19.28
12/31/2019	749289	JMJ / 17	AU451R	B7 (8-16')	Palmerton PA	24.99
12/31/2019	748971	Munoz / 103	AT808U	C4 (0-8') / C5 (0-8')	Palmerton PA	22.88
12/31/2019	748972	JMJ / 5	AS267R	C4 (0-8') / C5 (0-8')	Palmerton PA	20.78
12/31/2019	748967	JMJ / 19	AU427T	C5 (0-8')	Palmerton PA	20.91
12/31/2019	748968	JMJ / 9	AS308Y	C5 (0-8')	Palmerton PA	25.28
12/31/2019	748969	JMJ / 10	AT275F	C5 (0-8')	Palmerton PA	24.27
12/31/2019	748970	Munoz / 122	AN836B	C5 (0-8')	Palmerton PA	24.38
12/31/2019	748960	Munoz / 122	AN836B	D4 (0-8') / C5 (0-8')	Palmerton PA	22.85
12/31/2019	748961	Munoz / 103	AT808U	D4 (0-8') / C5 (0-8')	Palmerton PA	21.91
12/31/2019	748962	Munoz / 121	AW835B	D4 (0-8') / C5 (0-8')	Palmerton PA	29.01
12/31/2019	748963	JMJ / 5	AS267R	D4 (0-8') / C5 (0-8')	Palmerton PA	28.09
12/31/2019	748964	JMJ / 13	AT397P	D4 (0-8') / C5 (0-8')	Palmerton PA	22.32
12/31/2019	748965	JMJ / 18	AU452R	D4 (0-8') / C5 (0-8')	Palmerton PA	22.72
12/31/2019	748966	JMJ / 15	AU919L	D4 (0-8') / C5 (0-8')	Palmerton PA	21.71
1/2/2020	749290	Munoz / 56	AS244U	B7 (8-16')	Palmerton PA	21.84
1/2/2020	749291	Munoz / 64	AS200V	B7 (8-16')	Palmerton PA	27.80
1/2/2020	749292	Munoz / 87	AT384J	B7 (8-16')	Palmerton PA	25.44
1/2/2020	749293	JMJ / 15	AU919L	B7 (8-16')	Palmerton PA	24.24
1/2/2020	749294	JMJ / 20	AU428T	B7 (8-16')	Palmerton PA	23.25
1/2/2020	749295	Munoz / 89	AT385J	B7 (8-16')	Palmerton PA	25.19
1/2/2020	749296	JMJ / 19	AU427T	B7 (8-16')	Palmerton PA	25.36
1/2/2020	749297	Munoz / 107	AT813U	B7 (8-16')	Palmerton PA	26.60
1/2/2020	749298	Munoz / 85	AS937W	B7 (8-16')	Palmerton PA	25.45
1/2/2020	749299	Munoz / 131	AW711D	B7 (8-16')	Palmerton PA	19.60
1/2/2020	749300	Munoz / 91	AT387J	B7 (8-16')	Palmerton PA	26.95
1/2/2020	749301	Munoz / 90	AT386J	B7 (8-16')	Palmerton PA	23.19
1/2/2020	749302	Munoz / 75	AT381J	B7 (8-16')	Palmerton PA	25.71
1/2/2020	749303	JMJ / 16	AU920L	B7 (8-16')	Palmerton PA	23.74
1/2/2020	749304	JMJ / 14	AT398P	B7 (8-16')	Palmerton PA	22.55
1/2/2020	749305	JMJ / 18	AU452R	B7 (8-16')	Palmerton PA	21.85
1/2/2020	749306	JMJ / 13	AT397P	B7 (8-16')	Palmerton PA	20.88
1/2/2020	749307	JMJ / 6	AS268R	B7 (8-16')	Palmerton PA	23.70
1/2/2020	749308	JMJ / 4	AS677F	B7 (8-16')	Palmerton PA	28.68
1/2/2020	749309	JMJ / 8	AS276V	B7 (8-16')	Palmerton PA	25.12
1/2/2020	749310	JMJ / 10	AT275F	B7 (8-16')	Palmerton PA	25.77
1/2/2020	749311	JMJ / 17	AU451R	C5 (0-8') / D5 (0-8')	Palmerton PA	23.12
1/2/2020	749312	JMJ / 3	AS250B	C5 (0-8') / D5 (0-8')	Palmerton PA	25.70
1/2/2020	749313	JMJ / 12	AT396P	C5 (0-8') / D5 (0-8')	Palmerton PA	25.74
1/2/2020	749314	Munoz / 56	AS244U	C5 (0-8') / D5 (0-8')	Palmerton PA	22.79
1/2/2020	749315	JMJ / 5	AS267R	C5 (0-8') / D5 (0-8')	Palmerton PA	25.54

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
1/2/2020	749316	JMJ / 9	AS308Y	C5 (0-8') / D5 (0-8')	Palmerton PA	25.00
1/2/2020	749317	Munoz / 64	AS200V	C5 (0-8') / D5 (0-8')	Palmerton PA	25.98
1/2/2020	749318	Munoz / 87	AT384J	C5 (0-8') / D5 (0-8')	Palmerton PA	25.74
1/2/2020	749319	JMJ / 15	AU919L	C5 (0-8') / D5 (0-8')	Palmerton PA	27.85
1/2/2020	749320	JMJ / 20	AU428T	C5 (0-8') / D5 (0-8')	Palmerton PA	26.77
1/2/2020	749321	JMJ / 19	AU427T	C5 (0-8') / D5 (0-8')	Palmerton PA	26.80
1/2/2020	749322	Munoz / 89	AT385J	C5 (0-8') / D5 (0-8')	Palmerton PA	26.19
1/2/2020	749323	Munoz / 85	AS937W	C5 (0-8') / D5 (0-8')	Palmerton PA	26.96
1/2/2020	749324	Munoz / 107	AT813U	C5 (0-8') / D5 (0-8')	Palmerton PA	27.72
1/2/2020	749325	Munoz / 91	AT387J	C5 (0-8') / D5 (0-8')	Palmerton PA	23.77
1/2/2020	749326	Munoz / 90	AT386J	C5 (0-8') / D5 (0-8')	Palmerton PA	30.74
1/2/2020	749327	Munoz / 75	AT381J	C5 (0-8') / D5 (0-8')	Palmerton PA	30.49
1/2/2020	749328	JMJ / 14	AT398P	C5 (0-8') / D5 (0-8')	Palmerton PA	24.76
1/2/2020	749329	JMJ / 18	AU452R	C5 (0-8') / D5 (0-8')	Palmerton PA	26.16
1/2/2020	749330	Munoz / 131	AW711D	C5 (0-8') / D5 (0-8')	Palmerton PA	24.05
1/2/2020	749331	JMJ / 13	AT397P	C5 (0-8') / D5 (0-8')	Palmerton PA	19.09
1/3/2020	744262	Munoz / 132	AW712D	B6 (8-16') / B7 (8-16')	Palmerton PA	26.11
1/3/2020	744263	Munoz / 115	AW712D	B6 (8-16') / B7 (8-16')	Palmerton PA	25.30
1/3/2020	744264	Munoz / 101	AU452R	B6 (8-16') / B7 (8-16')	Palmerton PA	24.47
1/3/2020	744265	JMJ / 15	AU919L	B6 (8-16') / B7 (8-16')	Palmerton PA	24.60
1/3/2020	744266	JMJ / 10	AT275F	B6 (8-16') / B7 (8-16')	Palmerton PA	26.46
1/3/2020	744267	Munoz / 76	AT387J	B6 (8-16') / B7 (8-16')	Palmerton PA	23.49
1/3/2020	744268	JMJ / 8	AS476V	B6 (8-16') / B7 (8-16')	Palmerton PA	26.93
1/3/2020	744269	John Ortiz/ 17	AU451R	B6 (8-16') / B7 (8-16')	Palmerton PA	27.43
1/3/2020	744270	JMJ / 9	AS308Y	B6 (8-16') / B7 (8-16')	Palmerton PA	24.36
1/3/2020	749334	Munoz / 61	AS247U	B6 (8-16') / B7 (8-16')	Palmerton PA	24.78
1/3/2020	749637	JMJ / 16	AU920L	B6 (8-16') / B7 (8-16')	Palmerton PA	23.00
1/3/2020	749638	JMJ / 19	AU427T	B6 (8-16') / B7 (8-16')	Palmerton PA	20.75
1/3/2020	749639	JMJ / 4	AS677F	B6 (8-16') / B7 (8-16')	Palmerton PA	26.57
1/3/2020	749640	JMJ / 13	AT397P	B6 (8-16') / B7 (8-16')	Palmerton PA	19.87
1/3/2020	749641	JMJ / 3	AS250B	B6 (8-16') / B7 (8-16')	Palmerton PA	24.36
1/3/2020	749642	JMJ / 12	AT396P	B6 (8-16') / B7 (8-16')	Palmerton PA	24.52
1/3/2020	749643	JMJ / 11	AT395P	B6 (8-16') / B7 (8-16')	Palmerton PA	22.88
1/3/2020	749644	JMJ / 14	AT398P	B6 (8-16') / B7 (8-16')	Palmerton PA	25.16
1/3/2020	749645	JMJ / 5	AS267R	B6 (8-16') / B7 (8-16')	Palmerton PA	23.57
1/3/2020	749646	JMJ / 20	AU428T	B6 (8-16') / B7 (8-16')	Palmerton PA	23.69
1/3/2020	749647	Munoz / 61	AS247U	B6 (8-16') / B7 (8-16')	Palmerton PA	23.95
1/3/2020	749648	JMJ / 18	AU452R	B6 (8-16') / B7 (8-16')	Palmerton PA	25.97
1/3/2020	749649	Munoz / 60	AS246U	B6 (8-16') / B7 (8-16')	Palmerton PA	24.73
1/3/2020	749332	JMJ / 5	AS267R	B7 (8-16')	Palmerton PA	22.97
1/3/2020	749333	JMJ / 5	AS267R	B7 (8-16')	Palmerton PA	23.42
1/3/2020	749650	Munoz / 132	AW712D	B7 (8-16')	Palmerton PA	24.08
1/3/2020	749651	Munoz / 101	AT871R	B7 (8-16')	Palmerton PA	27.52
1/3/2020	749652	Munoz / 76	AT378J	B7 (8-16')	Palmerton PA	24.83
1/3/2020	749653	Munoz / 86	AS932W	B7 (8-16')	Palmerton PA	23.29
1/3/2020	749654	Munoz / 113	AU314B	B7 (8-16')	Palmerton PA	24.37
1/3/2020	749655	Munoz / 114	AU471C	B7 (8-16')	Palmerton PA	24.56
1/6/2020	749658	JMJ / 12	AT396P	C5 (0-8') / D5 (0-8')	Palmerton PA	24.66
1/6/2020	749659	JMJ / 20	AU428T	C5 (0-8') / D5 (0-8')	Palmerton PA	24.19
1/6/2020	749660	JMJ / 11	AT395P	C5 (0-8') / D5 (0-8')	Palmerton PA	27.06
1/6/2020	749661	JMJ / 15	AU919L	C5 (0-8') / D5 (0-8')	Palmerton PA	24.36
1/6/2020	749662	JMJ / 5	AS267R	C5 (0-8') / D5 (0-8')	Palmerton PA	22.83
1/6/2020	749663	JMJ / 19	AU427T	C5 (0-8') / D5 (0-8')	Palmerton PA	22.40
1/6/2020	749664	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	25.06
1/6/2020	749665	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	20.55
1/6/2020	749666	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	21.58
1/6/2020	749667	JMJ / 14	AT398P	D5 (0-8')	Palmerton PA	23.97
1/6/2020	749668	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	20.02
1/6/2020	749669	JMJ / 10	AT275F	D5 (0-8')	Palmerton PA	20.48
1/6/2020	749670	JMJ / 4	AS677F	D5 (0-8')	Palmerton PA	23.17
1/6/2020	749671	JMJ / 3	AS250B	D5 (0-8')	Palmerton PA	22.61
1/6/2020	749672	JMJ / 6	AS268R	D5 (0-8')	Palmerton PA	27.31
1/6/2020	749673	JMJ / 12	AT396P	D5 (0-8')	Palmerton PA	25.02
1/6/2020	749674	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	21.65
1/6/2020	749675	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	23.65
1/6/2020	749676	JMJ / 20	AT428T	D5 (0-8')	Palmerton PA	26.55
1/6/2020	749677	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	26.26
1/6/2020	749678	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	31.04
1/6/2020	749679	JMJ / 19	AT397P	D5 (0-8')	Palmerton PA	25.73
1/6/2020	749680	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	27.67
1/6/2020	749681	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	27.93
1/6/2020	749682	JMJ / 14	AT398P	D5 (0-8')	Palmerton PA	32.19
1/7/2020	749657	JMJ / 11	AT395P	C5 (0-8') / D5 (0-8')	Palmerton PA	26.57
1/7/2020	749683	JMJ / 15	AU515R	C5 (0-8') / D5 (0-8')	Palmerton PA	25.46
1/7/2020	749684	JMJ / 12	AT396P	C5 (0-8') / D5 (0-8')	Palmerton PA	28.01
1/7/2020	749685	JMJ / 4	AS677F	C5 (0-8') / D5 (0-8')	Palmerton PA	23.59

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
1/7/2020	749686	JMJ / 10	AT275F	C5 (0-8') / D5 (0-8')	Palmerton PA	29.31
1/7/2020	749687	JMJ / 8	AS476V	C5 (0-8') / D5 (0-8')	Palmerton PA	21.56
1/7/2020	749688	JMJ / 19	AT427T	C5 (0-8') / D5 (0-8')	Palmerton PA	24.09
1/7/2020	749689	JMJ / 5	AS267R	C5 (0-8') / D5 (0-8')	Palmerton PA	24.10
1/7/2020	749690	JMJ / 15	AU919L	C5 (0-8') / D5 (0-8')	Palmerton PA	22.12
1/7/2020	749691	JMJ / 11	AT395P	C5 (0-8') / D5 (0-8')	Palmerton PA	21.06
1/7/2020	749692	JMJ / 12	AT396P	C5 (0-8') / D5 (0-8')	Palmerton PA	24.13
1/7/2020	749656	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	24.35
1/8/2020	749703	JMJ / 20	AU428T	C5 (0-8')	Palmerton PA	24.19
1/8/2020	749704	JMJ / 4	AS677F	C5 (0-8')	Palmerton PA	23.27
1/8/2020	749705	JMJ / 15	AU919L	C5 (0-8')	Palmerton PA	21.00
1/8/2020	749706	JMJ / 12	AT396P	C5 (0-8')	Palmerton PA	24.07
1/8/2020	749707	JMJ / 5	AS267R	C5 (0-8')	Palmerton PA	23.76
1/8/2020	749708	JMJ / 11	AT395P	C5 (0-8')	Palmerton PA	20.89
1/8/2020	749709	JMJ / 9	AS308Y	C5 (0-8')	Palmerton PA	23.91
1/8/2020	749710	JMJ / 16	AU920L	C5 (0-8')	Palmerton PA	24.33
1/8/2020	749711	JMJ / 18	AU452R	C5 (0-8')	Palmerton PA	23.10
1/8/2020	749712	JMJ / 19	AU427T	C5 (0-8')	Palmerton PA	23.02
1/8/2020	749693	JMJ / 12	AT396P	C5 (0-8') / D5 (0-8')	Palmerton PA	26.14
1/8/2020	749694	JMJ / 15	AU919L	C5 (0-8') / D5 (0-8')	Palmerton PA	25.22
1/8/2020	749695	JMJ / 11	AT395P	C5 (0-8') / D5 (0-8')	Palmerton PA	29.02
1/8/2020	749696	JMJ / 5	AS267R	C5 (0-8') / D5 (0-8')	Palmerton PA	25.22
1/8/2020	749697	JMJ / 9	AS308Y	C5 (0-8') / D5 (0-8')	Palmerton PA	24.75
1/8/2020	749698	JMJ / 16	AU920L	C5 (0-8') / D5 (0-8')	Palmerton PA	20.85
1/8/2020	749699	JMJ / 18	AU452R	C5 (0-8') / D5 (0-8')	Palmerton PA	27.43
1/8/2020	749700	JMJ / 19	AU427T	C5 (0-8') / D5 (0-8')	Palmerton PA	24.23
1/8/2020	749701	JMJ / 10	AT275F	D5 (0-8')	Palmerton PA	24.48
1/8/2020	749702	JMJ / 8	AS476V	D5 (0-8')	Palmerton PA	26.53
1/9/2020	749720	JMJ / 4	AS677F	C5 (0-8')	Palmerton PA	23.72
1/9/2020	749721	JMJ / 19	AU427T	C5 (0-8')	Palmerton PA	24.60
1/9/2020	749722	JMJ / 14	AT398P	C5 (0-8')	Palmerton PA	21.86
1/9/2020	749730	JMJ / 19	AU427T	C5 (0-8')	Palmerton PA	22.66
1/9/2020	749731	JMJ / 14	AT398P	C5 (0-8')	Palmerton PA	25.56
1/9/2020	749732	JMJ / 4	AS677F	C5 (0-8')	Palmerton PA	26.93
1/9/2020	749713	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	25.56
1/9/2020	749714	JMJ / 12	AT396P	D5 (0-8')	Palmerton PA	25.21
1/9/2020	749715	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	24.95
1/9/2020	749716	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	24.29
1/9/2020	749717	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	24.71
1/9/2020	749718	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	24.08
1/9/2020	749719	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	23.70
1/9/2020	749723	JMJ / 12	AT396P	D5 (0-8')	Palmerton PA	25.84
1/9/2020	749724	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	21.81
1/9/2020	749725	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	23.58
1/9/2020	749726	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	21.99
1/9/2020	749727	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	20.62
1/9/2020	749728	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	21.21
1/9/2020	749729	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	22.91
1/10/2020	749734	Munoz / 87	AT384J	C5 (0-8')	Palmerton PA	25.08
1/10/2020	749735	Munoz / 89	AT385J	C5 (0-8')	Palmerton PA	23.05
1/10/2020	749736	Munoz / 61	AS247U	C5 (0-8')	Palmerton PA	26.19
1/10/2020	749737	JMJ / 12	AT396P	C5 (0-8')	Palmerton PA	23.99
1/10/2020	749738	JMJ / 14	AT398P	C5 (0-8')	Palmerton PA	24.70
1/10/2020	749739	Munoz / 64	AS200V	C5 (0-8')	Palmerton PA	25.27
1/10/2020	749740	JMJ / 11	AT395P	C5 (0-8')	Palmerton PA	27.81
1/10/2020	749741	JMJ / 10	AT275F	C5 (0-8')	Palmerton PA	24.23
1/10/2020	749742	JMJ / 8	AS476V	C5 (0-8')	Palmerton PA	27.01
1/10/2020	749743	JMJ / 9	AS308Y	C5 (0-8')	Palmerton PA	32.09
1/10/2020	749745	JMJ / 20	AU428T	C5 (0-8')	Palmerton PA	24.72
1/10/2020	749753	JMJ / 4	AS677F	D4 (0-8') / D5 (0-8')	Palmerton PA	28.82
1/10/2020	749754	JMJ / 3	AS250B	D4 (0-8') / D5 (0-8')	Palmerton PA	30.53
1/10/2020	749755	Munoz / 63	AS199V	D4 (0-8') / D5 (0-8')	Palmerton PA	30.38
1/10/2020	749756	Munoz / 75	AT381J	D4 (0-8') / D5 (0-8')	Palmerton PA	32.21
1/10/2020	749757	Munoz / 66	AS197V	D4 (0-8') / D5 (0-8')	Palmerton PA	28.18
1/10/2020	749758	JMJ / 5	AS267R	D4 (0-8') / D5 (0-8')	Palmerton PA	29.99
1/10/2020	749759	JMJ / 12	AT396P	D4 (0-8') / D5 (0-8')	Palmerton PA	24.41
1/10/2020	749733	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	24.06
1/10/2020	749744	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	30.17
1/10/2020	749746	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	26.53
1/10/2020	749747	JMJ / 6	AS268R	D5 (0-8')	Palmerton PA	27.26
1/10/2020	749748	JMJ / 18	AU428T	D5 (0-8')	Palmerton PA	29.47
1/10/2020	749749	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	23.82
1/10/2020	749750	JMJ / 17	AU451R	D5 (0-8')	Palmerton PA	28.25
1/10/2020	749751	JMJ / 19	AU427T	D5 (0-8')	Palmerton PA	30.81
1/10/2020	749752	Munoz / 107	AT813U	D5 (0-8')	Palmerton PA	25.70
1/10/2020	749760	JMJ / 14	AT398P	D5 (0-8')	Palmerton PA	27.44

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1/10/2020	749761	JMJ / 10	AT275F	D5 (0-8')	Palmerton PA	25.81
1/10/2020	749762	JMJ / 8	AS476V	D5 (0-8')	Palmerton PA	26.19
1/10/2020	749763	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	23.49
1/10/2020	749764	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	25.46
1/10/2020	749765	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	24.74
1/10/2020	749766	JMJ / 18	AU428T	D5 (0-8')	Palmerton PA	25.85
1/10/2020	749767	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	25.07
1/10/2020	749768	JMJ / 6	AS268R	D5 (0-8')	Palmerton PA	25.02
1/10/2020	749769	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	27.55
1/10/2020	749770	JMJ / 20	AU428T	D5 (0-8')	Palmerton PA	25.79
1/10/2020	749771	JMJ / 17	AU451R	D5 (0-8')	Palmerton PA	24.41
1/10/2020	749772	JMJ / 19	AU427T	D5 (0-8')	Palmerton PA	24.44
1/13/2020	749773	JMJ / 5	AS267R	C5 / D5 (0-8')	Palmerton PA	21.44
1/13/2020	749774	JMJ / 14	AT398P	C5 / D5 (0-8')	Palmerton PA	23.35
1/13/2020	749775	JMJ / 11	AT395P	C5 / D5 (0-8')	Palmerton PA	26.35
1/13/2020	749776	JMJ / 17	AU451R	C5 / D5 (0-8')	Palmerton PA	26.54
1/13/2020	749777	JMJ / 16	AU920L	C5 / D5 (0-8')	Palmerton PA	24.55
1/13/2020	749778	JMJ / 15	AU919L	C5 / D5 (0-8')	Palmerton PA	24.54
1/13/2020	749779	JMJ / 6	AS268R	C5 / D5 (0-8')	Palmerton PA	27.91
1/13/2020	749780	JMJ / 4	AS677F	C5 / D5 (0-8')	Palmerton PA	24.66
1/13/2020	749781	JMJ / 10	AT275F	C5 / D5 (0-8')	Palmerton PA	24.34
1/13/2020	749782	JMJ / 5	AS267R	C5 / D5 (0-8')	Palmerton PA	26.20
1/13/2020	749783	JMJ / 14	AT398P	C5 / D5 (0-8')	Palmerton PA	23.82
1/13/2020	749784	JMJ / 11	AT395P	C5 / D5 (0-8')	Palmerton PA	24.86
1/13/2020	749785	JMJ / 17	AU451R	C5 / D5 (0-8')	Palmerton PA	24.19
1/13/2020	749786	JMJ / 16	AU920L	C5 / D5 (0-8')	Palmerton PA	24.36
1/13/2020	750412	JMJ / 15	AU919L	C5 / D5 (0-8')	Palmerton PA	26.22
1/13/2020	750413	JMJ / 6	AS268R	C5 / D5 (0-8')	Palmerton PA	25.73
1/14/2020	750435	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	27.47
1/14/2020	750436	JMJ / 12	AT396P	B6 (8-16')	Palmerton PA	26.56
1/14/2020	750437	Munoz / 102	AT872R	B6 (8-16')	Palmerton PA	23.98
1/14/2020	750438	JMJ / 10	AT275F	B6 (8-16')	Palmerton PA	26.19
1/14/2020	750414	JMJ / 14	AT396P	C5 / D5 (0-8')	Palmerton PA	20.92
1/14/2020	750415	Munoz / 102	AT872R	C5 / D5 (0-8')	Palmerton PA	24.92
1/14/2020	750416	JMJ / 12	AT396P	C5 / D5 (0-8')	Palmerton PA	25.40
1/14/2020	750417	JMJ / 10	AT275F	C5 / D5 (0-8')	Palmerton PA	22.64
1/14/2020	750418	Munoz / 108	AT810	C5 / D5 (0-8')	Palmerton PA	23.62
1/14/2020	750419	JMJ / 5	AS267R	C5 / D5 (0-8')	Palmerton PA	25.52
1/14/2020	750420	JMJ / 11	AT395P	C7 (0-8')	Palmerton PA	25.93
1/14/2020	750421	JMJ / 15	AU919L	C7 (0-8')	Palmerton PA	24.58
1/14/2020	750422	JMJ / 19	AU427T	C7 (0-8')	Palmerton PA	23.47
1/14/2020	750423	Munoz / 115	AU159D	C7 (0-8')	Palmerton PA	30.53
1/14/2020	750424	JMJ / 4	AS677F	D5 (0-8')	Palmerton PA	26.77
1/14/2020	750425	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	22.83
1/14/2020	750426	JMJ / 20	AU428T	D5 (0-8')	Palmerton PA	20.80
1/14/2020	750427	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	25.16
1/14/2020	750428	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	25.85
1/14/2020	750429	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	23.35
1/14/2020	750430	JMJ / 6	AS268R	D5 (0-8')	Palmerton PA	27.29
1/14/2020	750431	JMJ / 17	AU451R	D5 (0-8')	Palmerton PA	23.53
1/14/2020	750432	JMJ / 3	AS250B	D5 (0-8')	Palmerton PA	28.31
1/14/2020	750433	Munoz / 110	AT391V	D5 (0-8')	Palmerton PA	25.30
1/14/2020	750434	Munoz / 129	AW709D	D5 (0-8')	Palmerton PA	21.64
1/14/2020	750439	Munoz / 108	AT810U	D5 (0-8')	Palmerton PA	22.26
1/14/2020	750440	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	23.52
1/14/2020	750441	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	23.58
1/14/2020	750442	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	24.15
1/14/2020	750443	JMJ / 19	AU427T	D5 (0-8')	Palmerton PA	25.85
1/14/2020	750444	JMJ / 4	AS677F	D5 (0-8')	Palmerton PA	25.63
1/14/2020	750445	JMJ / 20	AU428T	D5 (0-8')	Palmerton PA	24.21
1/14/2020	750446	JMJ / 16	AU920L	D5 (0-8')	Palmerton PA	22.83
1/14/2020	750447	JMJ / 18	AU452R	D5 (0-8')	Palmerton PA	24.74
1/14/2020	750448	Munoz / 115	AU159D	D5 (0-8')	Palmerton PA	24.55
1/14/2020	750449	JMJ / 9	AS308Y	D5 (0-8')	Palmerton PA	26.68
1/14/2020	750450	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	25.04
1/14/2020	750451	JMJ / 6	AS268R	D5 (0-8')	Palmerton PA	31.32
1/14/2020	750452	JMJ / 3	AS250B	D5 (0-8')	Palmerton PA	29.17
1/14/2020	750453	JMJ / 17	AU451R	D5 (0-8')	Palmerton PA	24.93
1/17/2020	750458	JMJ / 6	AS268R	C5 (0-8') / D5 (0-8')	Palmerton PA	28.83
1/17/2020	750459	JMJ / 19	AU427T	C5 (0-8') / D5 (0-8')	Palmerton PA	30.23
1/17/2020	750460	JMJ / 4	AS677F	C5 (0-8') / D5 (0-8')	Palmerton PA	29.08
1/17/2020	750461	JMJ / 14	AT398P	C5 (0-8') / D5 (0-8')	Palmerton PA	23.83
1/17/2020	750454	JMJ / 17	AU451R	D4 (0-8') / D5 (0-8') / C5 (0-8')	Palmerton PA	24.84
1/17/2020	750455	JMJ / 12	AT396P	D4 (0-8') / D5 (0-8') / C5 (0-8')	Palmerton PA	29.21
1/17/2020	750456	JMJ / 11	AT395P	D4 (0-8') / D5 (0-8') / C5 (0-8')	Palmerton PA	26.33
1/17/2020	750457	JMJ / 15	AU919L	D4 (0-8') / D5 (0-8') / C5 (0-8')	Palmerton PA	27.22

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
1/21/2020	750462	JMJ / 12	AT396P	D5 (0-8')	Palmerton PA	25.19
1/21/2020	750463	JMJ / 11	AT395P	D5 (0-8')	Palmerton PA	25.70
1/21/2020	750464	JMJ / 14	AT398P	D5 (0-8')	Palmerton PA	26.01
1/21/2020	750465	JMJ / 5	AS267R	D5 (0-8')	Palmerton PA	23.06
1/21/2020	750466	JMJ / 10	AT275F	D5 (0-8')	Palmerton PA	24.25
1/21/2020	750467	JMJ / 17	AU451R	D5 (0-8')	Palmerton PA	24.32
1/21/2020	750468	JMJ / 8	AS476V	D5 (0-8')	Palmerton PA	27.17
1/21/2020	750469	JMJ / 4	AS677F	D5 (0-8')	Palmerton PA	26.21
1/22/2020	750481	JMJ / 15	AU919L	B6 (8-16')	Palmerton PA	23.27
1/22/2020	750482	JMJ / 13	AT397P	B6 (8-16')	Palmerton PA	27.99
1/22/2020	750483	JMJ / 5	AS267R	B6 (8-16')	Palmerton PA	24.81
1/22/2020	750484	JMJ / 10	AT275F	B6 (8-16')	Palmerton PA	25.64
1/22/2020	750485	JMJ / 8	AS476V	B6 (8-16')	Palmerton PA	27.02
1/22/2020	750486	JMJ / 12	AT396P	B6 (8-16')	Palmerton PA	24.39
1/22/2020	750487	JMJ / 11	AT395P	B6 (8-16')	Palmerton PA	25.39
1/22/2020	750488	JMJ / 14	AT398P	B6 (8-16')	Palmerton PA	25.35
1/22/2020	750497	Munoz / 56	AS244U	B6 (8-16')	Palmerton PA	29.29
1/22/2020	750498	Munoz / 87	AT384J	B6 (8-16')	Palmerton PA	25.97
1/22/2020	750499	Munoz / 64	AS200V	B6 (8-16')	Palmerton PA	29.18
1/22/2020	750500	Munoz / 89	AT385J	B6 (8-16')	Palmerton PA	27.46
1/22/2020	750501	Munoz / 104	AT809U	B6 (8-16')	Palmerton PA	26.08
1/22/2020	750502	Munoz / 107	AT813U	B6 (8-16')	Palmerton PA	26.67
1/22/2020	750503	Munoz / 41	AR167G	B6 (8-16')	Palmerton PA	28.32
1/22/2020	750504	Munoz / 94	AT390J	B6 (8-16')	Palmerton PA	25.30
1/22/2020	750505	Munoz / 93	AT389J	B6 (8-16')	Palmerton PA	24.97
1/22/2020	750506	Munoz / 62	AS249U	B6 (8-16')	Palmerton PA	28.71
1/22/2020	750507	Munoz / 98	AT874R	B6 (8-16')	Palmerton PA	30.85
1/22/2020	750489	JMJ / 16	AU920L	B7 (8-16')	Palmerton PA	28.29
1/22/2020	750490	JMJ / 9	AS308Y	B7 (8-16')	Palmerton PA	25.04
1/22/2020	750491	JMJ / 20	AU428T	B7 (8-16')	Palmerton PA	30.25
1/22/2020	750492	JMJ / 18	AU452R	B7 (8-16')	Palmerton PA	27.64
1/22/2020	750493	JMJ / 19	AU451R	B7 (8-16')	Palmerton PA	29.64
1/22/2020	750494	JMJ / 6	AS268R	B7 (8-16')	Palmerton PA	30.85
1/22/2020	750495	JMJ / 4	AS677F	B7 (8-16')	Palmerton PA	28.33
1/22/2020	750496	JMJ / 3	AS250B	B7 (8-16')	Palmerton PA	27.74
1/22/2020	750470	Munoz / 87	AT384J	D5 (0-8')	Palmerton PA	22.71
1/22/2020	750471	Munoz / 56	AS244U	D5 (0-8')	Palmerton PA	18.00
1/22/2020	750472	Munoz / 64	AS200V	D5 (0-8')	Palmerton PA	23.08
1/22/2020	750473	Munoz / 89	AT385J	D5 (0-8')	Palmerton PA	21.95
1/22/2020	750474	Munoz / 107	AT813U	D5 (0-8')	Palmerton PA	20.45
1/22/2020	750475	Munoz / 93	AT389J	D5 (0-8')	Palmerton PA	20.51
1/22/2020	750476	Munoz / 62	AS249U	D5 (0-8')	Palmerton PA	26.29
1/22/2020	750477	Munoz / 41	AR167G	D5 (0-8')	Palmerton PA	22.90
1/22/2020	750478	Munoz / 104	AT809U	D5 (0-8')	Palmerton PA	22.85
1/22/2020	750479	Munoz / 94	AT390J	D5 (0-8')	Palmerton PA	25.39
1/22/2020	750480	Munoz / 98	AT874R	D5 (0-8')	Palmerton PA	24.67
1/22/2020	750508	JMJ / 15	AU919L	D5 (0-8')	Palmerton PA	30.82
1/22/2020	750509	JMJ / 13	AT397P	D5 (0-8')	Palmerton PA	29.48
1/23/2020	751934	JMJ/ 12	AT396P	C6 (8-16')	Palmerton PA	28.96
1/23/2020	751935	JMJ / 11	AT395P	C6 (8-16')	Palmerton PA	27.85
1/23/2020	751936	JMJ / 14	AT398P	C6 (8-16')	Palmerton PA	27.62
1/23/2020	751937	JMJ / 15	AU919L	C6 (8-16')	Palmerton PA	28.15
1/23/2020	751938	JMJ / 4	AS677F	C6 (8-16')	Palmerton PA	31.70
1/23/2020	751939	JMJ / 18	AU452R	C6 (8-16')	Palmerton PA	31.46
1/23/2020	751940	JMJ / 19	AU427T	C6 (8-16')	Palmerton PA	30.08
1/23/2020	751941	JMJ / 19	AU427T	C6 (8-16')	Palmerton PA	29.63
1/28/2020	750511	JMJ / 12	AT396P	B6 (8-16') / B7 (8-16')	Palmerton PA	20.31
1/28/2020	751943	JMJ / 10	AT275F	B6 (8-16') / B7 (8-16')	Palmerton PA	27.09
1/28/2020	751945	JMJ / 8	AS476V	B7 (8-16')	Palmerton PA	21.87
1/28/2020	751948	JMJ / 11	AT395P	B7 (8-16')	Palmerton PA	25.23
1/28/2020	751949	JMJ / 13	AT397P	B7 (8-16')	Palmerton PA	23.40
1/28/2020	751950	JMJ / 15	AU919L	B7 (8-16')	Palmerton PA	25.94
1/28/2020	751951	JMJ / 4	AS677F	B7 (8-16')	Palmerton PA	20.12
1/28/2020	751952	JMJ / 19	AU427T	B7 (8-16')	Palmerton PA	23.84
1/28/2020	751960	JMJ / 5	AS267R	B7 (8-16')	Palmerton PA	24.81
1/28/2020	751961	JMJ / 12	AT396P	B7 (8-16')	Palmerton PA	25.31
1/28/2020	751962	JMJ / 14	AT398P	B7 (8-16')	Palmerton PA	24.85
1/28/2020	751963	JMJ / 10	AT275F	B7 (8-16')	Palmerton PA	23.61
1/28/2020	751978	JMJ / 3	AS250B	B7 (8-16')	Palmerton PA	29.10
1/28/2020	751979	JMJ / 17	AU451R	B7 (8-16')	Palmerton PA	25.99
1/28/2020	751972	JMJ / 4	AS677F	C6 (8-16')	Palmerton PA	23.65
1/28/2020	751973	JMJ / 20	AU428T	C6 (8-16')	Palmerton PA	24.18
1/28/2020	751974	JMJ / 16	AU920L	C6 (8-16')	Palmerton PA	24.28
1/28/2020	751975	JMJ / 9	AS308Y	C6 (8-16')	Palmerton PA	22.10
1/28/2020	751976	JMJ / 18	AU452R	C6 (8-16')	Palmerton PA	25.87
1/28/2020	751977	JMJ / 6	AS268R	C6 (8-16')	Palmerton PA	28.43

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
1/28/2020	751953	JMJ / 16	AU920L	C7 (0-8')	Palmerton PA	21.45
1/28/2020	751954	JMJ / 20	AU428T	C7 (0-8')	Palmerton PA	21.44
1/28/2020	751955	JMJ / 9	AS308Y	C7 (0-8')	Palmerton PA	25.74
1/28/2020	751956	JMJ / 18	AU452R	C7 (0-8')	Palmerton PA	24.33
1/28/2020	751957	JMJ / 6	AS268R	C7 (0-8')	Palmerton PA	24.14
1/28/2020	751958	JMJ / 3	AS250B	C7 (0-8')	Palmerton PA	25.47
1/28/2020	751959	JMJ / 17	AU451R	C7 (0-8')	Palmerton PA	25.23
1/28/2020	751964	JMJ / 8	AS476V	C7 (0-8')	Palmerton PA	24.43
1/28/2020	751965	Munoz / 96	AT392J	C7 (0-8')	Palmerton PA	22.59
1/28/2020	751966	Munoz / 118	AU208M	C7 (0-8')	Palmerton PA	20.07
1/28/2020	751967	Munoz / 74	AT380J	C7 (8-16')	Palmerton PA	21.92
1/28/2020	751968	JMJ / 11	AT395P	C7 (8-16')	Palmerton PA	27.94
1/28/2020	751969	JMJ / 13	AT397P	C7 (8-16')	Palmerton PA	24.09
1/28/2020	751970	JMJ / 15	AU919L	C7 (8-16')	Palmerton PA	21.67
1/28/2020	751971	JMJ / 19	AU427T	C7 (8-16')	Palmerton PA	24.92
1/28/2020	750510	JMJ / 5	AS267R	D6 (0-8')	Palmerton PA	22.95
1/28/2020	751942	JMJ / 14	AT398P	D6 (0-8')	Palmerton PA	22.55
1/28/2020	751944	Munoz / 96	AT392J	D6 (0-8')	Palmerton PA	25.28
1/28/2020	751946	Munoz / 74	AT380J	D6 (0-8')	Palmerton PA	24.56
1/28/2020	751947	Munoz / 118	AU208M	D6 (0-8')	Palmerton PA	24.26
1/29/2020	751991	JMJ / 4	AS677F	C6 (8-16')	Palmerton PA	26.34
1/29/2020	751992	JMJ / 20	AU428T	C6 (8-16')	Palmerton PA	25.60
1/29/2020	751993	JMJ / 16	AU920L	C6 (8-16')	Palmerton PA	21.47
1/29/2020	751994	JMJ / 18	AU452R	C6 (8-16')	Palmerton PA	24.29
1/29/2020	751980	JMJ / 12	AT396P	C7 (0-8')	Palmerton PA	27.47
1/29/2020	751981	Munoz / 103	AT808U	C7 (0-8')	Palmerton PA	21.07
1/29/2020	751982	Munoz / 123	AW837B	C7 (0-8')	Palmerton PA	24.39
1/29/2020	751983	Munoz / 60	AS246U	C7 (8-16')	Palmerton PA	21.54
1/29/2020	751984	JMJ / 10	AT275F	C7 (8-16')	Palmerton PA	22.14
1/29/2020	751985	JMJ / 8	AS476V	C7 (8-16')	Palmerton PA	23.27
1/29/2020	751986	JMJ / 17	AU451R	C7 (8-16')	Palmerton PA	23.39
1/29/2020	751987	JMJ / 15	AU919L	C7 (8-16')	Palmerton PA	22.08
1/29/2020	751988	JMJ / 13	AT397P	C7 (8-16')	Palmerton PA	19.76
1/29/2020	751989	JMJ / 14	AT398P	C7 (8-16')	Palmerton PA	25.48
1/29/2020	751990	JMJ / 19	AU427T	C7 (8-16')	Palmerton PA	21.25
1/29/2020	752408	JMJ / 13	AT397P	C7 (8-16')	Palmerton PA	25.78
1/29/2020	752409	JMJ / 14	AT398P	C7 (8-16')	Palmerton PA	28.57
1/29/2020	751995	JMJ / 9	AS308Y	D6 (0-8')	Palmerton PA	25.64
1/29/2020	751996	JMJ / 6	AS268R	D6 (0-8')	Palmerton PA	26.05
1/29/2020	751997	JMJ / 3	AS250B	D6 (0-8')	Palmerton PA	29.54
1/29/2020	751998	JMJ / 11	AT395P	D6 (0-8')	Palmerton PA	28.50
1/29/2020	751999	Munoz / 103	AT808U	D6 (0-8')	Palmerton PA	28.36
1/29/2020	752000	Munoz / 121	AW835B	D6 (0-8')	Palmerton PA	26.10
1/29/2020	752400	JMJ / 12	AT396P	D6 (0-8')	Palmerton PA	26.11
1/29/2020	752401	Munoz / 60	AS246U	D6 (0-8')	Palmerton PA	28.14
1/29/2020	752402	Munoz / 123	AW837B	D6 (0-8')	Palmerton PA	24.47
1/29/2020	752403	JMJ / 17	AU451R	D6 (0-8')	Palmerton PA	26.97
1/29/2020	752410	JMJ / 19	AU427T	D6 (0-8') / D6 (8-16')	Palmerton PA	26.53
1/29/2020	752411	JMJ / 4	AS677F	D6 (0-8') / D6 (8-16')	Palmerton PA	29.81
1/29/2020	752412	JMJ / 16	AU920L	D6 (0-8') / D6 (8-16')	Palmerton PA	26.80
1/29/2020	752413	JMJ / 20	AU428T	D6 (0-8') / D6 (8-16')	Palmerton PA	27.58
1/29/2020	752414	JMJ / 18	AU452R	D6 (0-8') / D6 (8-16')	Palmerton PA	24.91
1/29/2020	752415	JMJ / 9	AS308Y	D6 (0-8') / D6 (8-16')	Palmerton PA	26.56
1/29/2020	752404	JMJ / 10	AT275F	D6 (8-16')	Palmerton PA	22.97
1/29/2020	752405	Munoz / 125	AW839B	D6 (8-16')	Palmerton PA	24.81
1/29/2020	752406	JMJ / 8	AS476V	D6 (8-16')	Palmerton PA	31.09
1/29/2020	752407	JMJ / 15	AU919L	D6 (8-16')	Palmerton PA	25.89
1/29/2020	752416	JMJ / 6	AS268R	D7 (0-8')	Palmerton PA	30.24
1/29/2020	752417	JMJ / 11	AT395P	D7 (0-8')	Palmerton PA	26.93
1/29/2020	752418	JMJ / 3	AS250B	D7 (0-8')	Palmerton PA	30.30
2/3/2020	752419	JMJ / 5	AS267R	C6 (8-16')	Palmerton PA	28.64
2/3/2020	752420	JMJ / 10	AT275F	C6 (8-16')	Palmerton PA	25.57
2/3/2020	752421	JMJ / 8	AS476V	C6 (8-16')	Palmerton PA	26.42
2/3/2020	700518	JMJ / 11	AT395P	D6 (0-8')	Palmerton PA	25.84
2/3/2020	700519	JMJ / 13	AT397P	D6 (0-8')	Palmerton PA	23.20
2/3/2020	700520	JMJ / 15	AU919L	D6 (0-8')	Palmerton PA	23.84
2/3/2020	700521	JMJ / 16	AU920L	D6 (0-8')	Palmerton PA	20.83
2/3/2020	752422	JMJ / 19	AU427T	D6 (0-8')	Palmerton PA	23.31
2/3/2020	752423	JMJ / 12	AT396P	D6 (0-8')	Palmerton PA	29.05
2/3/2020	752424	JMJ / 11	AT395P	D6 (0-8')	Palmerton PA	25.30
2/3/2020	752425	JMJ / 14	AT398P	D6 (0-8')	Palmerton PA	27.44
2/3/2020	752426	JMJ / 13	AT397P	D6 (0-8')	Palmerton PA	23.51
2/3/2020	700522	JMJ / 14	AT398P	D7 (0-8')	Palmerton PA	23.26
2/3/2020	700523	JMJ / 20	AU428T	D7 (0-8')	Palmerton PA	24.90
2/3/2020	752427	JMJ / 15	AU919L	D7 (0-8')	Palmerton PA	24.47
2/3/2020	752428	JMJ / 20	AU428T	D7 (0-8')	Palmerton PA	21.95

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
2/3/2020	752429	JMJ / 10	AT275F	D7 (0-8')	Palmerton PA	24.00
2/3/2020	752430	JMJ / 8	AS476V	D7 (0-8')	Palmerton PA	25.20
2/3/2020	752431	JMJ / 19	AU427T	D7 (0-8')	Palmerton PA	23.78
2/3/2020	752432	JMJ / 12	AT396P	D7 (0-8')	Palmerton PA	23.19
2/10/2020	744289	JMJ / 20	AU428T	C6 (8-16')	Palmerton PA	24.48
2/10/2020	744292	JMJ / 14	AT398P	C6 (8-16')	Palmerton PA	31.10
2/10/2020	744294	JMJ / 10	AT275F	C6 (8-16')	Palmerton PA	28.11
2/10/2020	744290	JMJ / 5	AS267R	C7 (8-16')	Palmerton PA	25.18
2/10/2020	744291	JMJ / 11	AT395P	C7 (8-16')	Palmerton PA	24.40
2/10/2020	744293	JMJ / 19	AU427T	C7 (8-16')	Palmerton PA	27.77
2/10/2020	744283	JMJ / 20	AU428T	D6 (8-16')	Palmerton PA	25.61
2/10/2020	744286	JMJ / 10	AT275F	D6 (8-16')	Palmerton PA	26.09
2/10/2020	744288	JMJ / 19	AU427T	D6 (8-16')	Palmerton PA	26.05
2/10/2020	744284	JMJ / 11	AT395P	D7 (8-16')	Palmerton PA	25.24
2/10/2020	744285	JMJ / 5	AS267R	D7 (8-16')	Palmerton PA	22.75
2/10/2020	744287	JMJ / 14	AT398P	D7 (8-16')	Palmerton PA	23.50
2/11/2020	758088	JMJ / 20	AU428T	C6 (8-16')	Palmerton PA	29.81
2/11/2020	758089	JMJ / 10	AT275F	C6 (8-16')	Palmerton PA	26.73
2/11/2020	758090	JMJ / 8	AS476V	C7 (8-16')	Palmerton PA	28.00
2/11/2020	758091	JMJ / 14	AT398P	D7 (0-8')	Palmerton PA	28.93
2/11/2020	758092	JMJ / 11	AT395P	D7 (0-8')	Palmerton PA	26.95
2/11/2020	758093	JMJ / 13	AT397P	D7 (0-8')	Palmerton PA	25.23
2/11/2020	758094	JMJ / 15	AU919L	D7 (0-8')	Palmerton PA	26.34
2/11/2020	758095	JMJ / 4	AS677F	D7 (0-8')	Palmerton PA	26.52
2/11/2020	758096	JMJ / 19	AU427T	D7 (0-8')	Palmerton PA	26.24
2/11/2020	758097	JMJ / 5	AS267R	D7 (0-8')	Palmerton PA	26.66
2/11/2020	758098	JMJ / 14	AT398P	D7 (0-8')	Palmerton PA	21.51
2/11/2020	758099	JMJ / 8	AS476V	D7 (0-8')	Palmerton PA	21.17
2/11/2020	758100	JMJ / 11	AT395P	D7 (0-8')	Palmerton PA	23.36
2/11/2020	758101	JMJ / 13	AT397P	D7 (0-8')	Palmerton PA	23.25
2/11/2020	758102	JMJ / 15	AU919L	D7 (0-8')	Palmerton PA	25.79
2/11/2020	758103	JMJ / 20	AU428T	D7 (0-8')	Palmerton PA	25.49
2/11/2020	758104	JMJ / 19	AU427T	D7 (0-8')	Palmerton PA	23.84
2/11/2020	758105	JMJ / 4	AS677F	D7 (8-16')	Palmerton PA	28.23
2/11/2020	758106	JMJ / 5	AS267R	D7 (8-16')	Palmerton PA	28.89
2/11/2020	758107	JMJ / 10	AT275F	D7 (8-16')	Palmerton PA	22.26
2/20/2020	758117	JMJ / 16	AU920L	C7 (8-16)	Palmerton PA	19.02
2/20/2020	758118	JMJ / 14	AT398P	C7 (8-16)	Palmerton PA	21.67
2/20/2020	758119	JMJ / 11	AT395P	C7 (8-16)	Palmerton PA	24.16
2/20/2020	758109	JMJ / 11	AT395P	D7 (0-8)	Palmerton PA	24.38
2/20/2020	758112	JMJ / 16	AU920L	D7 (0-8)	Palmerton PA	19.54
2/20/2020	758114	JMJ / 8	AS476V	D7 (0-8)	Palmerton PA	21.02
2/20/2020	758115	JMJ / 6	AS268R	D7 (0-8)	Palmerton PA	19.40
2/24/2020	758120	JMJ / 12	AT396P	C6 (8-16')	Palmerton PA	24.16
2/24/2020	758122	JMJ / 8	AS476V	C6 (8-16')	Palmerton PA	21.25
2/24/2020	758124	JMJ / 16	AU920L	C6 (8-16')	Palmerton PA	20.94
2/24/2020	758126	JMJ / 12	AT396P	C6 (8-16')	Palmerton PA	24.47
2/24/2020	758128	JMJ / 6	AS268R	C6 (8-16')	Palmerton PA	24.93
2/24/2020	758121	JMJ / 5	AS267R	C7 (8-16')	Palmerton PA	21.72
2/24/2020	758123	JMJ / 6	AS268R	C7 (8-16')	Palmerton PA	21.06
2/24/2020	758125	JMJ / 5	AS267R	C7 (8-16')	Palmerton PA	24.31
2/24/2020	758127	JMJ / 8	AS476V	C7 (8-16')	Palmerton PA	25.58
2/24/2020	758129	JMJ / 16	AU920L	C7 (8-16')	Palmerton PA	24.81
2/25/2020	758130	JMJ / 12	AT396P	C6 (8-16')	Palmerton PA	24.14
2/25/2020	758132	JMJ / 11	AT395P	C6 (8-16')	Palmerton PA	23.55
2/25/2020	758134	JMJ / 15	AU919L	C6 (8-16')	Palmerton PA	20.98
2/25/2020	758136	JMJ / 8	AS476V	C6 (8-16')	Palmerton PA	24.38
2/25/2020	758138	JMJ / 14	AT398P	C6 (8-16')	Palmerton PA	26.05
2/25/2020	758140	JMJ / 12	AT396P	C6 (8-16')	Palmerton PA	28.00
2/25/2020	758142	JMJ / 11	AT395P	C6 (8-16')	Palmerton PA	23.27
2/25/2020	758144	JMJ / 15	AU919L	C6 (8-16')	Palmerton PA	24.69
2/25/2020	758146	JMJ / 13	AT397P	C6 (8-16')	Palmerton PA	23.30
2/25/2020	758148	JMJ / 6	AS268R	C6 (8-16')	Palmerton PA	29.35
2/25/2020	758131	JMJ / 3	AS250B	C7 (8-16')	Palmerton PA	25.57
2/25/2020	758133	JMJ / 13	AT397P	C7 (8-16')	Palmerton PA	27.43
2/25/2020	758135	JMJ / 9	AS308Y	C7 (8-16')	Palmerton PA	23.75
2/25/2020	758137	JMJ / 4	AS677F	C7 (8-16')	Palmerton PA	25.49
2/25/2020	758139	JMJ / 6	AS268R	C7 (8-16')	Palmerton PA	26.01
2/25/2020	758141	JMJ / 5	AS267R	C7 (8-16')	Palmerton PA	27.51
2/25/2020	758143	JMJ / 3	AS250B	C7 (8-16')	Palmerton PA	24.31
2/25/2020	758145	JMJ / 9	AS308Y	C7 (8-16')	Palmerton PA	26.03
2/25/2020	758147	JMJ / 8	AS476V	C7 (8-16')	Palmerton PA	25.36
2/25/2020	758149	JMJ / 4	AS677F	C7 (8-16')	Palmerton PA	27.54
2/28/2020	758150	Munoz / 102	AT872R	C6 (8-16')	Palmerton PA	27.79
2/28/2020	758151	Munoz / 87	AT384J	C6 (8-16')	Palmerton PA	20.66
2/28/2020	758152	Munoz / 60	AS246U	C6 (8-16')	Palmerton PA	23.07

Date	Manifest Number	Transporter Name/No.	License Plate	On-Site Location	Destination Facility	Weight Listed on Final Manifest (tons)
3/2/2020	758158	Munoz / 133	AW708D	C6 (8-16')	Palmerton PA	28.20
3/2/2020	758159	Munoz / 89	AT385J	C6 (8-16')	Palmerton PA	26.89
3/2/2020	758160	Munoz / 93	AT389J	C6 (8-16')	Palmerton PA	28.98
3/2/2020	758161	Munoz / 62	AS249U	C6 (8-16')	Palmerton PA	28.42
3/2/2020	758162	Munoz / 62	AS249U	C6 (8-16')	Palmerton PA	29.11
3/2/2020	758163	Munoz / 133	AW708D	C6 (8-16')	Palmerton PA	25.81
3/2/2020	758164	Munoz / 93	AT389J	C6 (8-16')	Palmerton PA	24.73
4/9/2020	758166	JMJ 10	AT275F	D7(8'16')	Palmerton PA	25.44
4/10/2020	758167	JMJ 10	AT275F	D7(8'16')	Palmerton PA	21.34
4/10/2020	758168	JMJ 14	AT398P	D7(8'16')	Palmerton PA	24.49
4/10/2020	758184	JMJ 5	AS267R	D7(8'16')	Palmerton PA	22.84
4/10/2020	758185	JMJ 14	AT398P	D7(8'16')	Palmerton PA	24.97
4/10/2020	758186	JMJ 5	AS267R	D7(8'16')	Palmerton PA	25.48
4/10/2020	758187	JMJ 10	AT275F	D7(8'16')	Palmerton PA	25.54
4/16/2020	758176	JMJ / 10	AT275F	D7(8'16')	Palmerton PA	22.65
4/16/2020	758177	JMJ / 5	AS267R	D7(8'16')	Palmerton PA	22.62
4/16/2020	758178	JMJ / 10	AS267R	D7(8'16')	Palmerton PA	22.17
4/16/2020	758179	JMJ / 5	AT275F	D7(8'16')	Palmerton PA	25.92
4/20/2020	758175	JMJ 10	AS267R	D7(8'16')	Palmerton PA	26.32
4/20/2020	758180	JMJ 5	AT275F	D7(8'16')	Palmerton PA	26.08
4/20/2020	758181	JMJ 10	AS267R	D7(8'16')	Palmerton PA	27.75
4/20/2020	758182	JMJ 5	AT275F	D7(8'16')	Palmerton PA	25.08
4/21/2020	758173	JMJ 10	AT275F	D7(8'16')	Palmerton PA	22.14
4/21/2020	758174	JMJ 10	AT275F	D7(8'16')	Palmerton PA	25.35

Facility	No. of Trucks	Weight (Tons)
Palmerton PA	975	25,011.25
DARP Alternative	194	5,590.34
Bayshore Soil Management	96	2,734.17
DARP Clean	4	116.01
IRRC Lyndhurst - Historic Fill	128	2,682.87
IRRC Lyndhurst - Clean Fill	103	3,124.84
Totals	1,500	39,259.48

Table 6a
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 1	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 1	UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 1	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 1	UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00025 U	0.00032 U	0.00039 U	0.00041 U	0.00053 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00023 U	0.00029 U	0.00036 U	0.00037 U	0.00049 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00032 U	0.00041 U	0.00051 U	0.00052 U	0.00069 U
1,1,2-Trichloroethane	NS	NS	0.00019 U	0.00024 U	0.0003 U	0.00031 U	0.00041 U
1,1-Dichloroethane	0.27	26	0.00022 U	0.00028 U	0.00035 U	0.00036 U	0.00047 U
1,1-Dichloroethene	0.33	100	0.00024 U	0.00031 U	0.00038 U	0.00039 U	0.00052 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 U	0.00025 UJ	0.0003 U	0.00031 U	0.00041 U
1,2,4-Trichlorobenzene	NS	NS	0.00038 U	0.00049 UJ	0.0006 U	0.00062 U	0.00082 U
1,2,4-Trimethylbenzene	3.6	52	NT	NT	NT	NT	NT
1,2-Dibromo-3-Chloropropane	NS	NS	0.00048 U	0.00063 UJ	0.00078 U	0.0008 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.00025 U	0.0003 U	0.00031 U	0.00041 U
1,2-Dichlorobenzene	1.1	100	0.00015 U	0.0002 UJ	0.00024 U	0.00025 U	0.00033 U
1,2-Dichloroethane	0.02	3.1	0.00031 U	0.00041 U	0.0005 U	0.00051 U	0.00068 U
1,2-Dichloropropane	NS	NS	0.00045 U	0.00058 U	0.00071 U	0.00074 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	NT	NT	NT	NT	NT
1,3-Dichlorobenzene	2.4	49	0.00017 U	0.00022 UJ	0.00027 U	0.00028 U	0.00036 U
1,4-Dichlorobenzene	1.8	13	0.00024 U	0.00031 UJ	0.00038 U	0.00039 U	0.00052 U
2-Hexanone	NS	NS	0.0018 U	0.0023 U	0.0029 U	0.003 U	0.0039 U
Acetone	0.05	100	0.006 U	0.0078 U	0.0096 U	0.0099 U	0.013 U
Benzene	0.06	4.8	0.00027 U	0.00035 U	0.00043 U	0.00045 U	0.00059 U
Bromochloromethane	NS	NS	0.0003 U	0.00038 U	0.00047 U	0.00049 U	0.00064 U
Bromodichloromethane	NS	NS	0.00027 U	0.00035 U	0.00043 U	0.00045 U	0.00059 U
Bromoform	NS	NS	0.00045 UJ	0.00058 U	0.00072 U	0.00074 U	0.00097 U
Bromomethane	NS	NS	0.0005 U	0.00065 U	0.0008 U	0.00082 U	0.0011 U
Carbon Disulfide	NS	NS	0.00028 U	0.00036 U	0.00045 U	0.00046 U	0.00061 U
Carbon Tetrachloride	0.76	2.4	0.00041 U	0.00053 U	0.00065 U	0.00067 U	0.00089 U
Chlorobenzene	1.1	100	0.00019 U	0.00024 UJ	0.0003 U	0.00031 U	0.00041 U
Chloroethane	NS	NS	0.00055 U	0.00071 U	0.00088 U	0.00091 U	0.0012 U
Chloroform	0.37	49	0.00034 U	0.00044 U	0.00054 U	0.00055 U	0.00073 U
Chloromethane	NS	NS	0.00046 U	0.0006 U	0.00073 U	0.00076 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00021 U	0.00026 U	0.00026 U	0.00035 U
Cis-1,3-Dichloropropene	NS	NS	0.00029 U	0.00037 U	0.00046 U	0.00047 U	0.00063 U
Cyclohexane	NS	NS	0.00086 J	0.0003 U	0.00037 U	0.00038 U	0.00051 U
Cymene	NS	NS	NT	NT	NT	NT	NT
Dibromochloromethane	NS	NS	0.0002 U	0.00027 U	0.00033 U	0.00034 U	0.00044 U
Dichlorodifluoromethane	NS	NS	0.00036 U	0.00046 U	0.00057 U	0.00059 U	0.00077 U
Ethylbenzene	1	41	0.00021 U	0.00027 U	0.00034 U	0.00035 U	0.00046 U
Isopropylbenzene (Cumene)	NS	NS	0.00013 U	0.00017 UJ	0.00021 U	0.00022 U	0.00029 U
M,P-Xylenes	NS	NS	0.00018 U	0.00024 UJ	0.00029 U	0.0003 U	0.0004 U
Methyl Acetate	NS	NS	0.0045 U	0.0059 U	0.0072 U	0.0075 U	0.0099 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0029 U	0.0037 U	0.0046 U	0.0047 U	0.0062 U
Methyl Isobutyl Ketone	NS	NS	0.0016 U	0.0021 U	0.0026 U	0.0027 U	0.0036 U
Methylcyclohexane	NS	NS	0.001 J	0.00068 U	0.00084 U	0.00087 U	0.0011 U
Methylene Chloride	0.05	100	0.00049 U	0.00064 U	0.0009 J	0.00081 U	0.0011 J
N-Butylbenzene	12	100	NT	NT	NT	NT	NT
N-Propylbenzene	3.9	100	NT	NT	NT	NT	NT
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0002 U	0.00027 UJ	0.00033 U	0.00034 U	0.00044 U
Sec-Butylbenzene	11	100	NT	NT	NT	NT	NT
Styrene	NS	NS	0.00029 U	0.00038 UJ	0.00047 U	0.00048 U	0.00064 U
T-Butylbenzene	5.9	100	NT	NT	NT	NT	NT
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00017 U	0.00021 U	0.00022 U	0.00029 U
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.0002 U	0.00024 U	0.00025 U	0.00033 U
Toluene	0.7	100	0.00025 U	0.00032 U	0.00039 U	0.00041 U	0.00054 U
Trans-1,2-Dichloroethene	0.19	100	0.00026 U	0.00034 U	0.00041 U	0.00043 U	0.00056 U
Trans-1,3-Dichloropropene	NS	NS	0.00028 U	0.00036 U	0.00045 U	0.00046 U	0.00061 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.0002 U	0.00024 U	0.00025 U	0.00033 U
Trichlorofluoromethane	NS	NS	0.00043 U	0.00056 U	0.00068 U	0.00071 U	0.00093 U
Vinyl Chloride	0.02	0.9	0.00058 U	0.00075 U	0.00092 U	0.00095 U	0.0013 U
Xylenes, Mixed	0.26	100	0.00038 U	0.00051 UJ	0.00062 U	0.00064 U	0.00084 U

Table 6a
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 1	UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 1	UST-345-E_9_20190905 460-190593-2 9/5/2019 9:02:00 AM mg/kg 50	UST-345-N_9_20190905 460-190593-1 9/5/2019 9:00:00 AM mg/kg 50	UST-345-S_9_20190905 460-190593-3 9/5/2019 8:50:00 AM mg/kg 50
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00033 U	0.00058 U	NT	NT	NT
1,1,2,2-Tetrachloroethane	NS	NS	0.0003 U	0.00053 U	NT	NT	NT
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00043 U	0.00075 U	NT	NT	NT
1,1,2-Trichloroethane	NS	NS	0.00025 U	0.00044 U	NT	NT	NT
1,1-Dichloroethane	0.27	26	0.00029 U	0.00051 U	NT	NT	NT
1,1-Dichloroethene	0.33	100	0.00032 U	0.00056 U	NT	NT	NT
1,2,3-Trichlorobenzene	NS	NS	0.00026 U	0.00045 U	NT	NT	NT
1,2,4-Trichlorobenzene	NS	NS	0.00051 U	0.00089 U	NT	NT	NT
1,2,4-Trimethylbenzene	3.6	52	NT	NT	4.5	31	10
1,2-Dibromo-3-Chloropropane	NS	NS	0.00065 U	0.0011 U	NT	NT	NT
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00025 U	0.00045 U	NT	NT	NT
1,2-Dichlorobenzene	1.1	100	0.0002 U	0.00036 U	NT	NT	NT
1,2-Dichloroethane	0.02	3.1	0.00042 U	0.00073 U	NT	NT	NT
1,2-Dichloropropane	NS	NS	0.0006 U	0.001 U	NT	NT	NT
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	NT	NT	2.4	12	3.1
1,3-Dichlorobenzene	2.4	49	0.00022 U	0.00039 U	NT	NT	NT
1,4-Dichlorobenzene	1.8	13	0.00032 U	0.00056 U	NT	NT	NT
2-Hexanone	NS	NS	0.0024 U	0.0042 U	NT	NT	NT
Acetone	0.05	100	0.0081 U	0.014 U	NT	NT	NT
Benzene	0.06	4.8	0.00036 U	0.00064 U	0.17	0.31	0.085 J
Bromochloromethane	NS	NS	0.0004 U	0.0007 U	NT	NT	NT
Bromodichloromethane	NS	NS	0.00036 U	0.00064 U	NT	NT	NT
Bromoform	NS	NS	0.0006 U	0.0011 U	NT	NT	NT
Bromomethane	NS	NS	0.00067 U	0.0012 U	NT	NT	NT
Carbon Disulfide	NS	NS	0.00038 U	0.00066 U	NT	NT	NT
Carbon Tetrachloride	0.76	2.4	0.00055 U	0.00096 U	NT	NT	NT
Chlorobenzene	1.1	100	0.00025 U	0.00044 U	NT	NT	NT
Chloroethane	NS	NS	0.00074 U	0.0013 U	NT	NT	NT
Chloroform	0.37	49	0.00045 U	0.00079 U	NT	NT	NT
Chloromethane	NS	NS	0.00061 U	0.0011 U	NT	NT	NT
Cis-1,2-Dichloroethylene	0.25	100	0.00021 U	0.00038 U	NT	NT	NT
Cis-1,3-Dichloropropene	NS	NS	0.00039 U	0.00068 U	NT	NT	NT
Cyclohexane	NS	NS	0.00031 U	0.00055 U	NT	NT	NT
Cymene	NS	NS	NT	NT	0.15	0.73	0.17
Dibromochloromethane	NS	NS	0.00027 U	0.00048 U	NT	NT	NT
Dichlorodifluoromethane	NS	NS	0.00048 U	0.00084 U	NT	NT	NT
Ethylbenzene	1	41	0.00028 U	0.00049 U	1.1	2.6	2.4
Isopropylbenzene (Cumene)	NS	NS	0.00018 U	0.00031 U	0.26	0.92	0.7
M,P-Xylenes	NS	NS	0.00025 U	0.00043 U	NT	NT	NT
Methyl Acetate	NS	NS	0.0061 U	0.011 U	NT	NT	NT
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0038 U	0.0067 U	NT	NT	NT
Methyl Isobutyl Ketone	NS	NS	0.0022 U	0.0039 U	NT	NT	NT
Methylcyclohexane	NS	NS	0.00071 U	0.0012 U	NT	NT	NT
Methylene Chloride	0.05	100	0.00066 U	0.0036 U	NT	NT	NT
N-Butylbenzene	12	100	NT	NT	0.68	4.6	1.1
N-Propylbenzene	3.9	100	NT	NT	1.1	4.4	2.9
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00027 U	0.00048 U	NT	NT	NT
Sec-Butylbenzene	11	100	NT	NT	0.28	1.2	0.5
Styrene	NS	NS	0.00039 U	0.00069 U	NT	NT	NT
T-Butylbenzene	5.9	100	NT	NT	0.035 U	0.069 U	0.033 U
Tert-Butyl Methyl Ether	0.93	100	0.00018 U	0.00031 U	0.016 U	0.032 U	0.015 U
Tetrachloroethylene (PCE)	1.3	19	0.0002 U	0.00035 U	NT	NT	NT
Toluene	0.7	100	0.00033 U	0.00058 U	1.8	3.4	0.98
Trans-1,2-Dichloroethene	0.19	100	0.00035 U	0.00061 U	NT	NT	NT
Trans-1,3-Dichloropropene	NS	NS	0.00038 U	0.00066 U	NT	NT	NT
Trichloroethylene (TCE)	0.47	21	0.0002 U	0.00036 U	NT	NT	NT
Trichlorofluoromethane	NS	NS	0.00057 U	0.001 U	NT	NT	NT
Vinyl Chloride	0.02	0.9	0.00077 U	0.0014 U	NT	NT	NT
Xylenes, Mixed	0.26	100	0.00052 U	0.00091 U	7.2	26	10

Table 6a
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-345-W_9_20190905 460-190593-4 9/5/2019 8:58:00 AM mg/kg 1	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 1	UST-2-TB_20190815 460-189206-8 8/15/2019 µg/L 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	NT	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	NT	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NT	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	NT	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	NT	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	NT	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	NT	0.36 U	0.36 U
1,2,4-Trichlorobenzene	NS	NS	NT	0.37 U	0.37 U
1,2,4-Trimethylbenzene	3.6	52	0.025	NT	NT
1,2-Dibromo-3-Chloropropane	NS	NS	NT	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NT	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	NT	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	NT	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	NT	0.35 U	0.35 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.045	NT	NT
1,3-Dichlorobenzene	2.4	49	NT	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	NT	0.33 U	0.33 U
2-Hexanone	NS	NS	NT	1.1 U	1.1 U
Acetone	0.05	100	NT	4.4 U	4.4 U
Benzene	0.06	4.8	0.00059 J	0.2 U	0.2 U
Bromochloromethane	NS	NS	NT	0.41 U	0.41 U
Bromodichloromethane	NS	NS	NT	0.34 U	0.34 U
Bromoform	NS	NS	NT	0.54 U	0.54 U
Bromomethane	NS	NS	NT	0.55 U	0.55 U
Carbon Disulfide	NS	NS	NT	0.82 U	0.82 U
Carbon Tetrachloride	0.76	2.4	NT	0.21 U	0.21 U
Chlorobenzene	1.1	100	NT	0.38 U	0.38 U
Chloroethane	NS	NS	NT	0.32 U	0.32 U
Chloroform	0.37	49	NT	0.33 U	0.33 U
Chloromethane	NS	NS	NT	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	NT	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	NT	0.22 U	0.22 U
Cyclohexane	NS	NS	NT	0.32 U	0.32 U
Cymene	NS	NS	0.004	NT	NT
Dibromochloromethane	NS	NS	NT	0.28 U	0.28 U
Dichlorodifluoromethane	NS	NS	NT	0.31 U	0.31 U
Ethylbenzene	1	41	0.0099	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.015	0.34 U	0.34 U
M,P-Xylenes	NS	NS	NT	0.9 J	0.41 J
Methyl Acetate	NS	NS	NT	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	NT	1.9 U	1.9 U
Methyl Isobutyl Ketone	NS	NS	NT	1.3 U	1.3 U
Methylcyclohexane	NS	NS	NT	0.26 U	0.26 U
Methylene Chloride	0.05	100	NT	0.32 U	0.32 U
N-Butylbenzene	12	100	0.013	NT	NT
N-Propylbenzene	3.9	100	0.021 JL	NT	NT
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NT	0.36 U	0.36 U
Sec-Butylbenzene	11	100	0.015	NT	NT
Styrene	NS	NS	NT	0.42 U	0.42 U
T-Butylbenzene	5.9	100	0.00038 U	NT	NT
Tert-Butyl Methyl Ether	0.93	100	0.0059	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	NT	0.25 U	0.25 U
Toluene	0.7	100	0.0054	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	NT	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	NT	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	NT	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	NT	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	NT	0.17 U	0.17 U
Xylenes, Mixed	0.26	100	0.095	NT	NT

Table 6b
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Semivolatile Organic Compounds (SVOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 1	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 1	UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 1	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 5	UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.0051 U	0.0049 U	0.0049 U	0.024 U	0.0049 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.026 U	0.025 UJ	0.025 UJ	0.13 UJ	0.025 UJ
2,4,5-Trichlorophenol	NS	NS	0.013 U	0.012 UJ	0.012 U	0.061 U	0.012 U
2,4,6-Trichlorophenol	NS	NS	0.02 U	0.019 UJ	0.019 U	0.093 U	0.019 U
2,4-Dichlorophenol	NS	NS	0.0082 U	0.0079 UJ	0.0079 U	0.039 U	0.0079 U
2,4-Dimethylphenol	NS	NS	0.017 U	0.017 UJ	0.017 U	0.081 U	0.016 U
2,4-Dinitrophenol	NS	NS	0.19 UJ	0.18 UJ	0.18 U	0.91 U	0.18 U
2,4-Dinitrotoluene	NS	NS	0.02 U	0.019 U	0.019 U	0.093 U	0.019 U
2,6-Dinitrotoluene	NS	NS	0.013 U	0.012 UJ	0.012 UJ	0.06 UJ	0.012 UJ
2-Chloronaphthalene	NS	NS	0.018 U	0.017 U	0.017 U	0.085 U	0.017 U
2-Chlorophenol	NS	NS	0.0055 U	0.0053 UJ	0.0053 U	0.026 U	0.0052 U
2-Methylnaphthalene	NS	NS	0.009 J	0.47	0.1 J	0.49 J	0.12 JL
2-Methylphenol (O-Cresol)	0.33	100	0.0063 U	0.021 JL	0.0061 U	0.03 U	0.017 J
2-Nitroaniline	NS	NS	0.015 U	0.014 U	0.014 U	0.069 U	0.014 U
2-Nitrophenol	NS	NS	0.013 U	0.012 UJ	0.012 UJ	0.059 UJ	0.012 UJ
3,3'-Dichlorobenzidine	NS	NS	0.059 U	0.057 U	0.057 U	0.28 U	0.056 U
3-Nitroaniline	NS	NS	0.021 U	0.02 U	0.02 U	0.1 U	0.02 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.063 U	0.061 UJ	0.061 U	0.3 U	0.06 U
4-Bromophenyl Phenyl Ether	NS	NS	0.0051 U	0.0049 U	0.0049 U	0.024 U	0.0048 U
4-Chloro-3-Methylphenol	NS	NS	0.0065 U	0.0062 UJ	0.0062 U	0.031 U	0.0062 U
4-Chloroaniline	NS	NS	0.027 U	0.026 U	0.026 U	0.13 U	0.026 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.0062 U	0.0059 U	0.0059 U	0.029 U	0.0059 U
4-Methylphenol (P-Cresol)	0.33	100	0.0067 U	0.057 JL	0.019 J	0.031 U	0.17 J
4-Nitroaniline	NS	NS	0.015 U	0.014 U	0.014 U	0.069 U	0.014 U
4-Nitrophenol	NS	NS	0.064 UJ	0.061 U	0.061 U	0.3 U	0.061 U
Acenaphthene	20	100	0.028 U	0.087 J	0.18 J	0.76 J	0.072 JL
Acenaphthylene	100	100	0.085 J	0.12 J	0.23 J	0.29 J	0.17 J
Acetophenone	NS	NS	0.0063 U	0.27 J	0.019 J	0.03 U	0.12 J
Anthracene	100	100	0.17 J	0.28 J	0.6	2 J	0.31 JL
Atrazine	NS	NS	0.0098 U	0.0095 U	0.0095 U	0.047 U	0.0094 U
Benzaldehyde	NS	NS	0.017 U	0.31 J	0.11 J	0.12 J	0.14 J
Benzo(a)Anthracene	1	1	0.92	1.1	1.9	4.3	1.3 JL
Benzo(a)Pyrene	1	1	0.8	0.98 J	1.6 J	3.7 J	1.2 JL
Benzo(b)Fluoranthene	1	1	1.1	1.5	2.3	4.4 J	2 JL
Benzo(g,h,i)Perylene	100	100	0.59	1	0.95	2.4 J	1.1 JL
Benzo(k)Fluoranthene	0.8	3.9	0.44	0.47	0.7	1.6 J	0.71 JL
Benzyl Butyl Phthalate	NS	NS	0.018 U	0.018 U	0.018 U	0.087 U	0.017 U
Biphenyl (Diphenyl)	NS	NS	0.0052 U	0.077 J	0.045 J	0.1 J	0.028 JL
Bis(2-Chloroethoxy) Methane	NS	NS	0.013 U	0.013 U	0.013 U	0.063 U	0.013 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.0047 U	0.0045 U	0.0045 U	0.022 U	0.0045 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.0071 U	0.0068 U	0.0068 U	0.033 U	0.0067 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.021 U	0.02 U	0.17 J	0.098 U	0.066 J
Caprolactam	NS	NS	0.023 U	0.022 UJ	0.022 UJ	0.11 UJ	0.022 UJ
Carbazole	NS	NS	0.045 J	0.13 J	0.23 J	0.53 J	0.11 JL
Chrysene	1	3.9	0.91	1.3	2.1	4.6 J	1.6 JL
Dibenz(a,h)Anthracene	0.33	0.33	0.19	0.22	0.28	0.56	0.28
Dibenzofuran	7	59	0.025 J	0.12 J	0.21 J	0.48 J	0.095 JL
Diethyl Phthalate	NS	NS	0.0057 U	0.0054 U	0.0054 U	0.027 U	0.0054 U
Dimethyl Phthalate	NS	NS	0.0047 U	0.0045 U	0.0045 U	0.022 U	0.0045 U
Di-N-Butyl Phthalate	NS	NS	0.069 U	0.066 U	0.066 U	0.33 U	0.066 U
Di-N-Octylphthalate	NS	NS	0.021 U	0.02 U	0.02 U	0.098 U	0.02 U
Fluoranthene	100	100	1.4	2.1	4	10 JL	2.5 JL
Fluorene	30	100	0.027 J	0.078 J	0.22 J	0.87 J	0.076 JL
Hexachlorobenzene	0.33	1.2	0.0057 U	0.0055 U	0.0055 U	0.027 U	0.0055 U
Hexachlorobutadiene	NS	NS	0.0083 U	0.008 U	0.008 U	0.039 U	0.0079 U
Hexachlorocyclopentadiene	NS	NS	0.034 U	0.033 R	0.033 U	0.16 U	0.033 U
Hexachloroethane	NS	NS	0.006 U	0.0058 UJ	0.0058 U	0.028 U	0.0057 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.69	1	1.1	2.6 J	1.1 JL
Isophorone	NS	NS	0.01 U	0.0099 U	0.0099 U	0.049 U	0.0098 U
Naphthalene	12	100	0.019 J	0.54	0.25 J	0.55 J	0.24 JL
Nitrobenzene	NS	NS	0.0094 U	0.009 U	0.009 U	0.044 U	0.0089 U
N-Nitrosodi-N-Propylamine	NS	NS	0.0062 U	0.006 U	0.006 U	0.029 U	0.0059 U
N-Nitrosodiphenylamine	NS	NS	0.0075 U	0.0072 UJ	0.0072 UJ	0.035 U	0.0071 U
Pentachlorophenol	0.8	6.7	0.08 U	0.077 UJ	0.077 UJ	0.38 UJ	0.076 UJ
Phenanthrene	100	100	0.64	1.5	3.1	9.4 J	1.7 JL
Phenol	0.33	100	0.0058 U	0.053 J	0.019 J	0.027 U	0.06 J
Pyrene	100	100	1.6	2.5	4.2	10 J	2.9 JL

Table 6b
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Semivolatile Organic Compounds (SVOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 1	UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 1	UST-345-E_9_20190905 460-190593-2 9/5/2019 9:02:00 AM mg/kg 1	UST-345-N_9_20190905 460-190593-1 9/5/2019 9:00:00 AM mg/kg 1	UST-345-S_9_20190905 460-190593-3 9/5/2019 8:50:00 AM mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.0053 U	0.0049 U	NT	NT	NT
2,3,4,6-Tetrachlorophenol	NS	NS	0.028 UJ	0.026 UJ	NT	NT	NT
2,4,5-Trichlorophenol	NS	NS	0.013 U	0.012 U	NT	NT	NT
2,4,6-Trichlorophenol	NS	NS	0.021 U	0.019 U	NT	NT	NT
2,4-Dichlorophenol	NS	NS	0.0086 U	0.008 U	NT	NT	NT
2,4-Dimethylphenol	NS	NS	0.058 J	0.017 U	NT	NT	NT
2,4-Dinitrophenol	NS	NS	0.2 U	0.18 U	NT	NT	NT
2,4-Dinitrotoluene	NS	NS	0.021 U	0.019 U	NT	NT	NT
2,6-Dinitrotoluene	NS	NS	0.013 UJ	0.012 UJ	NT	NT	NT
2-Chloronaphthalene	NS	NS	0.019 U	0.017 U	NT	NT	NT
2-Chlorophenol	NS	NS	0.0057 U	0.0053 U	NT	NT	NT
2-Methylnaphthalene	NS	NS	0.23 J	0.016 J	NT	NT	NT
2-Methylphenol (O-Cresol)	0.33	100	0.028 J	0.0061 U	NT	NT	NT
2-Nitroaniline	NS	NS	0.015 U	0.014 U	NT	NT	NT
2-Nitrophenol	NS	NS	0.013 UJ	0.012 UJ	NT	NT	NT
3,3'-Dichlorobenzidine	NS	NS	0.062 U	0.057 U	NT	NT	NT
3-Nitroaniline	NS	NS	0.022 U	0.02 U	NT	NT	NT
4,6-Dinitro-2-Methylphenol	NS	NS	0.066 U	0.061 U	NT	NT	NT
4-Bromophenyl Phenyl Ether	NS	NS	0.0053 U	0.0049 U	NT	NT	NT
4-Chloro-3-Methylphenol	NS	NS	0.0068 U	0.0063 U	NT	NT	NT
4-Chloroaniline	NS	NS	0.028 U	0.026 U	NT	NT	NT
4-Chlorophenyl Phenyl Ether	NS	NS	0.0064 U	0.0059 U	NT	NT	NT
4-Methylphenol (P-Cresol)	0.33	100	0.03 J	0.0064 U	NT	NT	NT
4-Nitroaniline	NS	NS	0.015 U	0.014 U	NT	NT	NT
4-Nitrophenol	NS	NS	0.066 U	0.061 U	NT	NT	NT
Acenaphthene	20	100	0.03 U	0.055 J	0.29 J	0.28 J	0.55
Acenaphthylene	100	100	0.054 J	0.03 J	0.2 J	0.22 J	0.14 J
Acetophenone	NS	NS	0.2 J	0.01 J	NT	NT	NT
Anthracene	100	100	0.057 J	0.14 J	0.43 J	0.47 J	1
Atrazine	NS	NS	0.01 U	0.0095 U	NT	NT	NT
Benzaldehyde	NS	NS	0.16 J	0.047 J	NT	NT	NT
Benzo(a)Anthracene	1	1	0.29	0.43	1	1.3	2.6
Benzo(a)Pyrene	1	1	0.21 J	0.36 J	0.81	1	2.1
Benzo(b)Fluoranthene	1	1	0.52	0.53	1.1	1.4	2.8
Benzo(g,h,i)Perylene	100	100	0.25 J	0.24 J	0.92	0.97	1.4
Benzo(k)Fluoranthene	0.8	3.9	0.17	0.19	0.34	0.41	0.99
Benzyl Butyl Phthalate	NS	NS	0.019 U	0.018 U	NT	NT	NT
Biphenyl (Diphenyl)	NS	NS	0.043 J	0.005 U	NT	NT	NT
Bis(2-Chloroethoxy) Methane	NS	NS	0.014 U	0.013 U	NT	NT	NT
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.0049 U	0.0045 U	NT	NT	NT
Bis(2-Chloroisopropyl) Ether	NS	NS	0.0074 U	0.0068 U	NT	NT	NT
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.022 U	0.02 U	NT	NT	NT
Caprolactam	NS	NS	0.024 UJ	0.023 UJ	NT	NT	NT
Carbazole	NS	NS	0.031 J	0.059 J	NT	NT	NT
Chrysene	1	3.9	0.36 J	0.46	1.2	1.4	2.5
Dibenz(a,h)Anthracene	0.33	0.33	0.076	0.057	0.21	0.21	0.43
Dibenzofuran	7	59	0.1 J	0.041 J	NT	NT	NT
Diethyl Phthalate	NS	NS	0.0059 U	0.0055 U	NT	NT	NT
Dimethyl Phthalate	NS	NS	0.0049 U	0.0045 U	NT	NT	NT
Di-N-Butyl Phthalate	NS	NS	0.072 U	0.066 U	NT	NT	NT
Di-N-Octylphthalate	NS	NS	0.022 U	0.02 U	NT	NT	NT
Fluoranthene	100	100	0.36 J	0.82	1.8	2.1	4.6
Fluorene	30	100	0.0055 U	0.044 J	0.62	0.68	0.59
Hexachlorobenzene	0.33	1.2	0.006 U	0.0055 U	NT	NT	NT
Hexachlorobutadiene	NS	NS	0.0087 U	0.008 U	NT	NT	NT
Hexachlorocyclopentadiene	NS	NS	0.036 U	0.033 U	NT	NT	NT
Hexachloroethane	NS	NS	0.0063 U	0.0058 U	NT	NT	NT
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.28	0.24	0.76	0.81	1.6
Isophorone	NS	NS	0.011 U	0.0099 U	NT	NT	NT
Naphthalene	12	100	0.49	0.043 J	2.2	1.6	0.71
Nitrobenzene	NS	NS	0.0098 U	0.009 U	NT	NT	NT
N-Nitrosodi-N-Propylamine	NS	NS	0.0065 U	0.006 U	NT	NT	NT
N-Nitrosodiphenylamine	NS	NS	0.0078 U	0.0072 U	NT	NT	NT
Pentachlorophenol	0.8	6.7	0.083 UJ	0.077 UJ	NT	NT	NT
Phenanthrene	100	100	0.32 J	0.76	1.9	2.1	4
Phenol	0.33	100	0.006 U	0.0056 U	NT	NT	NT
Pyrene	100	100	0.35 J	0.93	2.2	2.8	4.7

Table 6b
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Semivolatile Organic Compounds (SVOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-345-W_9_20190905 460-190593-4 9/5/2019 8:58:00 AM mg/kg 1	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NT	1.2 U
2,3,4,6-Tetrachlorophenol	NS	NS	NT	0.75 U
2,4,5-Trichlorophenol	NS	NS	NT	0.28 U
2,4,6-Trichlorophenol	NS	NS	NT	0.3 U
2,4-Dichlorophenol	NS	NS	NT	0.42 U
2,4-Dimethylphenol	NS	NS	NT	0.24 U
2,4-Dinitrophenol	NS	NS	NT	14 U
2,4-Dinitrotoluene	NS	NS	NT	1 U
2,6-Dinitrotoluene	NS	NS	NT	0.39 U
2-Chloronaphthalene	NS	NS	NT	1.2 U
2-Chlorophenol	NS	NS	NT	0.38 U
2-Methylnaphthalene	NS	NS	NT	1.1 U
2-Methylphenol (O-Cresol)	0.33	100	NT	0.26 U
2-Nitroaniline	NS	NS	NT	0.47 U
2-Nitrophenol	NS	NS	NT	0.75 U
3,3'-Dichlorobenzidine	NS	NS	NT	1.4 U
3-Nitroaniline	NS	NS	NT	0.96 U
4,6-Dinitro-2-Methylphenol	NS	NS	NT	13 U
4-Bromophenyl Phenyl Ether	NS	NS	NT	0.75 U
4-Chloro-3-Methylphenol	NS	NS	NT	0.58 U
4-Chloroaniline	NS	NS	NT	1.9 U
4-Chlorophenyl Phenyl Ether	NS	NS	NT	1.3 U
4-Methylphenol (P-Cresol)	0.33	100	NT	0.24 U
4-Nitroaniline	NS	NS	NT	0.54 U
4-Nitrophenol	NS	NS	NT	0.69 U
Acenaphthene	20	100	0.3 J	1.1 U
Acenaphthylene	100	100	0.063 J	0.82 U
Acetophenone	NS	NS	NT	0.79 U
Anthracene	100	100	0.26 J	0.63 U
Atrazine	NS	NS	NT	1.3 U
Benzaldehyde	NS	NS	NT	0.59 U
Benzo(a)Anthracene	1	1	0.55	0.59 U
Benzo(a)Pyrene	1	1	0.44	0.41 U
Benzo(b)Fluoranthene	1	1	0.61	1.1 U
Benzo(g,h,i)Perylene	100	100	0.32 J	1.4 U
Benzo(k)Fluoranthene	0.8	3.9	0.22	0.67 U
Benzyl Butyl Phthalate	NS	NS	NT	0.85 U
Biphenyl (Diphenyl)	NS	NS	NT	1.2 U
Bis(2-Chloroethoxy) Methane	NS	NS	NT	0.24 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NT	0.3 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NT	0.63 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NT	1.7 U
Caprolactam	NS	NS	NT	0.68 U
Carbazole	NS	NS	NT	0.68 U
Chrysene	1	3.9	0.6	0.91 U
Dibenz(a,h)Anthracene	0.33	0.33	0.075	0.72 U
Dibenzofuran	7	59	NT	1.1 U
Diethyl Phthalate	NS	NS	NT	0.98 U
Dimethyl Phthalate	NS	NS	NT	0.77 U
Di-N-Butyl Phthalate	NS	NS	NT	0.84 U
Di-N-Octylphthalate	NS	NS	NT	4.8 U
Fluoranthene	100	100	1.3	0.84 U
Fluorene	30	100	0.29 J	0.91 U
Hexachlorobenzene	0.33	1.2	NT	0.4 U
Hexachlorobutadiene	NS	NS	NT	0.78 U
Hexachlorocyclopentadiene	NS	NS	NT	1.7 U
Hexachloroethane	NS	NS	NT	1.2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.34	1.3 U
Isophorone	NS	NS	NT	0.8 U
Naphthalene	12	100	1.9	1.1 U
Nitrobenzene	NS	NS	NT	0.57 U
N-Nitrosodi-N-Propylamine	NS	NS	NT	0.43 U
N-Nitrosodiphenylamine	NS	NS	NT	0.89 U
Pentachlorophenol	0.8	6.7	NT	1.4 U
Phenanthrene	100	100	1.2	0.58 U
Phenol	0.33	100	NT	0.29 U
Pyrene	100	100	1.3	1.6 U

Table 6c
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 1	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 1	UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 1	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.011 U	0.01 U	0.01 U	0.0099 U
PCB-1221 (Aroclor 1221)	NS	NS	0.011 U	0.01 U	0.01 U	0.0099 U
PCB-1232 (Aroclor 1232)	NS	NS	0.011 U	0.01 U	0.01 U	0.0099 U
PCB-1242 (Aroclor 1242)	NS	NS	0.011 U	0.01 U	0.01 U	0.0099 U
PCB-1248 (Aroclor 1248)	NS	NS	0.011 U	0.01 U	0.01 U	0.0099 U
PCB-1254 (Aroclor 1254)	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1260 (Aroclor 1260)	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1262 (Aroclor 1262)	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1268 (Aroclor 1268)	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
Total PCBs	0.1	1	0.011 U	0.01 U	0.01 U	0.01 U

Table 6c
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 1	UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 1	UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 1	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.011 U	0.01 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.011 U	0.01 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.011 U	0.01 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.011 U	0.01 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.011 U	0.01 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.011 U	0.01 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.011 U	0.01 U	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.054 J	0.01 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.011 U	0.01 U	0.11 U
Total PCBs	0.1	1	0.01 U	0.054 J	0.01 U	0.12 U

Table 6d
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 1	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 1	UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 1	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0008 U	0.00077 U	0.00077 U	0.00076 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00089 U	0.00085 U	0.00085 U	0.00084 U
Beta Endosulfan	NS	NS	0.002 U	0.0019 U	0.002 U	0.0019 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00046 U	0.00046 U	0.00046 U
Dieldrin	0.005	0.2	0.001 U	0.00099 U	0.00099 U	0.00097 U
Endosulfan Sulfate	NS	NS	0.00099 U	0.00095 U	0.00095 U	0.00094 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0019 U	0.0018 U	0.0018 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0015 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00073 U	0.0007 U	0.0007 U	0.00069 U
Heptachlor	0.042	2.1	0.00093 U	0.00089 U	0.0009 U	0.00088 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Methoxychlor	NS	NS	0.0018 U	0.0017 U	0.0017 U	0.0017 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00093 U	0.00089 U	0.0009 U	0.00088 U
P,P'-DDT	0.0033	7.9	0.0015 U	0.0014 U	0.0014 U	0.0014 U
Toxaphene	NS	NS	0.029 U	0.027 U	0.027 U	0.027 U

Table 6d
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 1	UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 1	UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 1	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0012 U	0.0012 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00076 U	0.00084 U	0.00078 U	0.007 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0013 U	0.0012 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00084 U	0.00092 U	0.00086 U	0.004 U
Beta Endosulfan	NS	NS	0.0019 U	0.0021 U	0.002 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00046 U	0.0005 U	0.00047 U	0.005 U
Dieldrin	0.005	0.2	0.00098 U	0.0011 U	0.00099 U	0.003 U
Endosulfan Sulfate	NS	NS	0.00094 U	0.001 U	0.00096 U	0.006 U
Endrin	0.014	11	0.0011 U	0.0012 U	0.0011 U	0.004 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0019 U	0.0018 U	0.008 U
Endrin Ketone	NS	NS	0.0015 U	0.0016 U	0.0015 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.0007 U	0.00076 U	0.00071 U	0.012 U
Heptachlor	0.042	2.1	0.00089 U	0.00097 U	0.0009 U	0.003 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0012 U	0.0011 U	0.005 U
Methoxychlor	NS	NS	0.0017 U	0.0019 U	0.0017 U	0.004 U
P,P'-DDD	0.0033	13	0.0013 U	0.0014 U	0.0013 U	0.006 U
P,P'-DDE	0.0033	8.9	0.00089 U	0.00097 U	0.0009 U	0.002 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0015 U	0.0014 U	0.004 U
Toxaphene	NS	NS	0.027 U	0.03 U	0.028 U	0.11 U

Table 6e
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 1	UST-1-B_4_20190809 460-188732-1 8/9/2019 10:10:00 AM mg/kg 4	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 4	UST-2-B_4_20190815 460-189206-5 8/15/2019 11:15:00 AM mg/kg 5
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,160	5,990	NR
Antimony	NS	NS	NR	1.2 U	1.3 JL	NR
Arsenic	13	16	NR	6.3	7	NR
Barium	350	400	NR	76.6	136	NR
Beryllium	7.2	72	NR	0.48	0.37 J	NR
Cadmium	2.5	4.3	NR	0.16 U	1.2	NR
Calcium	NS	NS	NR	31,500	15,600 J	NR
Chromium, Total	NS	NS	NR	15.5	15.5 J	NR
Cobalt	NS	NS	NR	4.7 J	5.4 J	NR
Copper	50	270	NR	36.5	71.4 JK	NR
Iron	NS	NS	NR	11,300	18,200 J	NR
Lead	63	400	NR	426	624	NR
Magnesium	NS	NS	NR	14,300	3,720 J	NR
Manganese	1,600	2,000	NR	275	357 J	NR
Mercury	0.18	0.81	0.2	NR	NR	1.6
Nickel	30	310	NR	12.1	16.3	NR
Potassium	NS	NS	NR	911 J	1,210	NR
Selenium	3.9	180	NR	2.8 U	2.6 U	NR
Silver	2	180	NR	0.22 U	0.2 U	NR
Sodium	NS	NS	NR	359 J	466 J	NR
Thallium	NS	NS	NR	0.74 U	0.69 U	NR
Vanadium	NS	NS	NR	17.8	17.5	NR
Zinc	109	10,000	NR	126	435	NR

Table 6e
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 3	UST-2-E_2_20190815 460-189206-2 8/15/2019 11:00:00 AM mg/kg 4	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 4	UST-2-X_2_20190815 460-189206-6 8/15/2019 11:20:00 AM mg/kg 20
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	5,440	7,010	NR
Antimony	NS	NS	NR	1.5 J	1.3 J	NR
Arsenic	13	16	NR	8.2	7.4	NR
Barium	350	400	NR	141	176	NR
Beryllium	7.2	72	NR	0.35 J	0.41	NR
Cadmium	2.5	4.3	NR	0.77	0.99	NR
Calcium	NS	NS	NR	31,200	30,300	NR
Chromium, Total	NS	NS	NR	14.9	19.2	NR
Cobalt	NS	NS	NR	4.9 J	7.4 J	NR
Copper	50	270	NR	74.6	80.9	NR
Iron	NS	NS	NR	16,400	19,600 JL	NR
Lead	63	400	NR	539	538 JL	NR
Magnesium	NS	NS	NR	4,770	3,700	NR
Manganese	1,600	2,000	NR	299	356	NR
Mercury	0.18	0.81	1.2	NR	NR	5 J
Nickel	30	310	NR	13	16.1	NR
Potassium	NS	NS	NR	1,180	1,800	NR
Selenium	3.9	180	NR	2.2 U	2 U	NR
Silver	2	180	NR	0.17 U	0.16 U	NR
Sodium	NS	NS	NR	570 J	541 J	NR
Thallium	NS	NS	NR	0.59 U	0.53 U	NR
Vanadium	NS	NS	NR	17.3	21.3	NR
Zinc	109	10,000	NR	293	495	NR

Table 6e
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 3	UST-2-N_2_20190815 460-189206-1 8/15/2019 10:55:00 AM mg/kg 4	UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 4	UST-2-S_2_20190815 460-189206-3 8/15/2019 11:05:00 AM mg/kg 5
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,800	8,730	NR
Antimony	NS	NS	NR	1.8 J	3.6	NR
Arsenic	13	16	NR	10.9	5.6	NR
Barium	350	400	NR	287	204	NR
Beryllium	7.2	72	NR	0.45	0.49	NR
Cadmium	2.5	4.3	NR	1.3	0.27 J	NR
Calcium	NS	NS	NR	25,900	4,270	NR
Chromium, Total	NS	NS	NR	22.6	18.6	NR
Cobalt	NS	NS	NR	6.4 J	8.8	NR
Copper	50	270	NR	88.6	100	NR
Iron	NS	NS	NR	33,900 J	20,000	NR
Lead	63	400	NR	802 J	2,270	NR
Magnesium	NS	NS	NR	4,070	3,350	NR
Manganese	1,600	2,000	NR	441	396	NR
Mercury	0.18	0.81	1.8 JL	NR	NR	2.9
Nickel	30	310	NR	17.9	18.6	NR
Potassium	NS	NS	NR	2,030	1,590	NR
Selenium	3.9	180	NR	2.2 U	2.1 U	NR
Silver	2	180	NR	0.17 U	0.21 J	NR
Sodium	NS	NS	NR	531 J	1,000	NR
Thallium	NS	NS	NR	0.58 U	0.56 U	NR
Vanadium	NS	NS	NR	25	19.8	NR
Zinc	109	10,000	NR	428	293	NR

Table 6e
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 2	UST-2-W_2_20190815 460-189206-4 8/15/2019 11:10:00 AM mg/kg 4	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 1	UST-2-FB_20190815 460-189206-7 8/15/2019 11:35:00 AM µg/L 2
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,680	NR	18.8 U
Antimony	NS	NS	NR	9.8	NR	0.4 U
Arsenic	13	16	NR	9.6	NR	0.73 U
Barium	350	400	NR	646	NR	1.2 U
Beryllium	7.2	72	NR	0.39	NR	0.25 U
Cadmium	2.5	4.3	NR	3.4	NR	0.81 U
Calcium	NS	NS	NR	44,200	NR	98.8 U
Chromium, Total	NS	NS	NR	18.5	NR	2.3 U
Cobalt	NS	NS	NR	5.1 J	NR	1.6 U
Copper	50	270	NR	164	NR	2 U
Iron	NS	NS	NR	18,100	NR	51.1 U
Lead	63	400	NR	1,480	NR	0.55 U
Magnesium	NS	NS	NR	4,310	NR	73.7 U
Manganese	1,600	2,000	NR	384	NR	2.9 U
Mercury	0.18	0.81	0.99	NR	0.12 U	NR
Nickel	30	310	NR	15.9	NR	2.4 U
Potassium	NS	NS	NR	1,730	NR	86.7 U
Selenium	3.9	180	NR	2.2 U	NR	5.4 U
Silver	2	180	NR	0.18 U	NR	0.59 U
Sodium	NS	NS	NR	577 J	NR	128 U
Thallium	NS	NS	NR	0.6 U	NR	0.16 U
Vanadium	NS	NS	NR	24.2	NR	1.1 U
Zinc	109	10,000	NR	1,150	NR	11.1 U

Tables 6a-6e
West 29th Street
601 West 29th Street
New York, New York
Tank Post-Excavation Endpoint Sample Results
Notes

DEFINITIONS

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.

NR : Not reported.

NS : No standard.

NT : Not tested.

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

mg/kg : milligrams per kilogram

µg/L : micrograms per Liter

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].

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

Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

Samples UST-345-E_9_20190905, UST-345-W_9_20190905, UST-345-N_9_20190905, and UST-345-S_9_20190905 were analyzed for NYSDEC CP-51 VOCs and SVOCs only.

Table 7a
West 29th Street
601 West 29th Street
New York, New York
Tank Groundwater Sample Results
CP-51 Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		UST-345-GW_20190905 460-190593-5 9/5/2019 9:12:00 AM ug/L 1
Compound	NYSDEC AWQSGVs	CONC Q
1,2,4-Trimethylbenzene	5	92
1,3,5-Trimethylbenzene (Mesitylene)	5	32
Benzene	1	5.4
Cymene (4-Isopropyltoluene)	5	0.62 J
Ethylbenzene	5	28
Isopropylbenzene (Cumene)	5	9.9
Naphthalene	10	2.2
N-Butylbenzene	5	2.3
N-Propylbenzene	5	10 JL
Sec-Butylbenzene	5	1.9
T-Butylbenzene	5	0.34 U
Tert-Butyl Methyl Ether	10	2.6
Toluene	5	28
Xylenes, Total	NS	300

Table 7b
West 29th Street
601 West 29th Street
New York, New York
Tank Groundwater Sample Results
CP-51 Semivolatile Organic Compounds (SVOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		UST-345-GW_20190905 460-190593-5 9/5/2019 9:12:00 AM ug/L 2
Compound	NYSDEC AWQSGVs	CONC Q
Acenaphthene	20	2.3 J
Acenaphthylene	NS	1.6 U
Anthracene	50	1.4 J
Benzo(a)Anthracene	0.002	2.1
Benzo(a)Pyrene	ND	1 J
Benzo(b)Fluoranthene	0.002	2.3 U
Benzo(g,h,i)Perylene	NS	2.9 U
Benzo(k)Fluoranthene	0.002	1.3 U
Chrysene	0.002	2.2 J
Dibenz(a,h)Anthracene	NS	1.4 U
Fluoranthene	50	4 J
Fluorene	50	2.6 J
Indeno(1,2,3-c,d)Pyrene	0.002	2.6 U
Naphthalene	10	6.1 J
Phenanthrene	50	8.1 J
Pyrene	50	6.9 J

Tables 7a-7b
West 29th Street
601 West 29th Street
New York, New York
Tank Groundwater Sample Results
Notes

DEFINITIONS

- J** : The concentration given is an estimated value.
- L** : Sample result is estimated and biased low.
- ND** : Non-detect.
- NS** : No standard.
- U** : The analyte was not detected at the indicated concentration.
- µg/L** : micrograms per Liter

STANDARDS

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

Exceedances of the NYSDEC AWQSGVs are highlighted in bold font.

Table 8
West 29th Street
601 West 29th Street
New York, New York
Comparison of Remedial Excavation Quantities

Grid	Proposed Remedial Excavation Depth (ft) ^A	Proposed Development Excavation Depth (ft) ^A	Actual Remedial Excavation Depth (ft) ^A	Actual Development Excavation Depth (ft) ^A	Actual Remedial Excavation Volume (cy)	Actual Total Excavation Volume (cy)	Actual Incremental Development Excavation Volume (cy)	Actual Remedial Excavation Weight (tons)	Actual Total Excavation Weight (tons)	Actual Incremental Development Excavation Weight (tons)	Comments
A7	15	18	15	18	1,389	1,667	278	2,467	2,961	493	
A6	18	18	18	18	1,667	1,667	0	2,961	2,961	0	
B7	15	16-27	16	16 - 27	1,481	2,046	565	2,632	3,635	1,003	Endpoint samples EP-44 and 45 were collected at 15 feet and did not meet Track 1. Additional samples were collected at 16 feet and met Track 1.
B6	18	16-27	18-20	16 - 27	1,678	1,691	14	2,980	3,005	24	Endpoint samples EP-33 and EP-39 were collected at 18 feet and did not meet Track 1. EP-33 met Track 1 at 19 feet and EP-39 met Track 1 and 20 feet.
C7	15	15	15	15-22	1,389	1,668	279	2,467	2,963	496	
C6	12	15 -32	12-13	15 -32	1,115	1,924	809	1,980	3,418	1,437	Endpoint sample EP-34 did not meet Track 1 at 12 feet. An additional sample was collected at 13 feet and Track 1 criteria was met.
D7	15	12-25	15	12 - 25	1,389	1,389	0	2,467	2,467	0	
D6	15	12-23	15	12 - 23	1,389	1,544	155	2,467	2,743	276	
C5	11	15	11-13	15	452	889	437	803	1,579	776	Endpoint sample EP-25 did not meet Track 1 at 11 feet. Additional samples were collected at 12 and 13 feet, and met Track 1 criteria at 13 feet.
D5	N/A	11	11-12	11	448	573	125	796	1,019	222	No proposed remedial excavation was included in the RAWP. Endpoint samples were collected at the bottom of excavation. Additional excavation was conducted around EP-30 to 12 feet in order to meet Track 1 criteria.
C4	10	15	10-16.5	15	361	889	528	641	1,579	938	Endpoint sample EP-19 did not meet Track 1 criteria at 10 feet. Additional samples were collected at 15, 16, and 16.5 feet below grade. Track 1 criteria was met at 16.5 feet.
D4	N/A	11	11-12	11	337	598	261	599	1,062	463	No proposed remedial excavation was included in the RAWP. Endpoint samples were collected at the bottom of excavation. Additional excavation was conducted around EP-21 to 12 feet in order to meet Track 1 criteria.
C3	15	11	15	11	1,667	1,667	0	2,961	2,961	0	
D3	15	11	15	11	1,667	1,667	0	2,961	2,961	0	
C2 ^B	9	2	5	5	556	556	0	987	987	0	Removal of pproximately 3 feet of soil above street grade plus 2 feet of soil below street grade to install site cap.
D2 ^B	3	2	5	5	556	556	0	987	987	0	Removal of pproximately 3 feet of soil above street grade plus 2 feet of soil below street grade to install site cap.
C1 ^B	11	2	5	5	556	556	0	987	987	0	Removal of pproximately 3 feet of soil above street grade plus 2 feet of soil below street grade to install site cap.
D1 ^B	3	2	5	5	556	556	0	987	987	0	Removal of pproximately 3 feet of soil above street grade plus 2 feet of soil below street grade to install site cap.
				Totals	18,650	22,100	3,450	33,131	39,259	6,129	
Notes: A. Depth below sidewalk grade. B. Includes removal of abovegrade foundation remains.											

Table 9
West 29th Street
601 West 29th Street
New York, NY
Imported Materials Tracking Log

Date	Ticket Number	Transporter Name/No.	Product	Origin Facility	Weight (tons)
11/26/2019	106968	Civetta/5	Structural Fill-Blue Stone	IRRC Lyndhurst	24.31
1/30/2020	109184	Civetta/1	Structural Fill-Blue Stone	IRRC Lyndhurst	13.34
2/5/2020	109344	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	28.76
2/5/2020	109346	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	26.67
2/5/2020	109341	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	26.21
2/5/2020	109340	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	26.4
2/5/2020	109337	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	27.58
2/5/2020	109287	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	26.91
2/5/2020	109336	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	29.06
2/5/2020	109335	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	26.47
2/5/2020	109331	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	27.69
2/5/2020	109313	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	27.07
2/5/2020	109314	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	26.01
2/5/2020	109312	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	26.06
2/5/2020	109311	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	26.35
2/5/2020	109291	JMJ	Structural Fill-Blue Stone	IRRC Lyndhurst	25.04
2/5/2020	109284	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	26.43
2/5/2020		JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	25.8
2/13/2020	109627	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	24.98
2/13/2020	109628	JMJ/12	Structural Fill-Blue Stone	IRRC Lyndhurst	25.16
2/13/2020	109664	Civetta/5	Structural Fill-Blue Stone	IRRC Lyndhurst	25.04
2/13/2020	109665	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	26.13
2/13/2020	109672	Civetta/5	Structural Fill-Blue Stone	IRRC Lyndhurst	23.01
2/13/2020	109673	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	27.15
2/13/2020	109680	Civetta/5	Structural Fill-Blue Stone	IRRC Lyndhurst	25.18
2/13/2020	109683	JMJ/19	Structural Fill-Blue Stone	IRRC Lyndhurst	28.98
2/14/2020	109704	Civetta/1	Structural Fill-Blue Stone	IRRC Lyndhurst	22.78
2/14/2020	109717	Civetta/1	Structural Fill-Blue Stone	IRRC Lyndhurst	24.85
2/14/2020	109733	Civetta/1	Structural Fill-Blue Stone	IRRC Lyndhurst	24.35
2/14/2020	109743	Civetta/1	Structural Fill-Blue Stone	IRRC Lyndhurst	22.85
2/18/2020	109852	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	30
2/18/2020	109851	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	28.65
2/18/2020	109849	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	26.49
2/18/2020	109777	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	29.18
2/18/2020	109776	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	29.09
2/18/2020	109774	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	28.62
2/18/2020	109799	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	27.52
2/18/2020	109798	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	28.92
2/18/2020	109793	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	29.02
2/18/2020	109820	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	28.68
2/18/2020	109821	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	28.05
2/18/2020	109822	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	29.18
2/18/2020	109877	JMJ/5	Structural Fill-Blue Stone	IRRC Lyndhurst	27.98
2/18/2020	109882	JMJ/10	Structural Fill-Blue Stone	IRRC Lyndhurst	28.44
2/18/2020	109879	JMJ/8	Structural Fill-Blue Stone	IRRC Lyndhurst	29.37
TOTAL					1,195.81

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 1 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 1 mg/kg	EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 1 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 1 mg/kg	EP-16_15_20191030 460-195277-1 10/30/2019 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00025 U	0.00024 U	0.00024 U	0.00029 U	0.00028 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00023 U	0.00022 U	0.00022 U	0.00027 U	0.00026 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00032 U	0.00031 U	0.00031 U	0.00038 U	0.00036 U
1,1,2-Trichloroethane	NS	NS	0.00019 U	0.00019 U	0.00018 U	0.00022 U	0.00021 U
1,1-Dichloroethane	0.27	26	0.00022 U	0.00021 U	0.00021 U	0.00026 U	0.00025 U
1,1-Dichloroethene	0.33	100	0.00024 U	0.00023 U	0.00023 U	0.00028 U	0.00027 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 UJ	0.00019 U	0.00019 U	0.00023 U	0.00022 U
1,2,4-Trichlorobenzene	NS	NS	0.00038 UJ	0.00037 U	0.00037 U	0.00045 U	0.00043 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00049 U	0.00048 U	0.00047 U	0.00058 U	0.00055 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.00019 U	0.00019 U	0.00023 U	0.00022 U
1,2-Dichlorobenzene	1.1	100	0.00015 U	0.00015 U	0.00015 U	0.00018 U	0.00017 U
1,2-Dichloroethane	0.02	3.1	0.00031 U	0.00031 U	0.00031 U	0.00037 U	0.00036 U
1,2-Dichloropropane	NS	NS	0.00045 U	0.00044 U	0.00044 U	0.00053 U	0.00051 U
1,3-Dichlorobenzene	2.4	49	0.00017 U	0.00017 U	0.00016 U	0.0002 U	0.00019 U
1,4-Dichlorobenzene	1.8	13	0.00024 UJ	0.00023 U	0.00023 U	0.00028 U	0.00027 U
2-Hexanone	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0022 U	0.0021 U
Acetone	0.05	100	0.0063 J	0.023	0.019	0.014	0.052
Benzene	0.06	4.8	0.00027 U	0.00027 U	0.00027 U	0.00033 U	0.00031 U
Bromochloromethane	NS	NS	0.0003 U	0.00029 U	0.00029 U	0.00035 U	0.00034 U
Bromodichloromethane	NS	NS	0.00027 U	0.00027 U	0.00026 U	0.00032 U	0.00031 U
Bromoform	NS	NS	0.00045 U	0.00044 U	0.00044 U	0.00054 U	0.00051 U
Bromomethane	NS	NS	0.0005 U	0.00049 U	0.00049 U	0.0006 U	0.00057 U
Carbon Disulfide	NS	NS	0.00028 U	0.00031 U	0.00044 U	0.00044 U	0.00042 J
Carbon Tetrachloride	0.76	2.4	0.00041 U	0.0004 U	0.0004 U	0.00049 U	0.00046 U
Chlorobenzene	1.1	100	0.00019 U	0.00018 U	0.00018 U	0.00022 U	0.00021 U
Chloroethane	NS	NS	0.00055 U	0.00054 U	0.00054 U	0.00066 U	0.00063 U
Chloroform	0.37	49	0.00034 U	0.00033 U	0.00033 U	0.0004 U	0.00038 U
Chloromethane	NS	NS	0.00046 UJ	0.00045 U	0.00045 U	0.00055 U	0.00052 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00016 U	0.00016 U	0.00019 U	0.00018 U
Cis-1,3-Dichloropropene	NS	NS	0.00029 U	0.00028 U	0.00028 U	0.00034 U	0.00033 U
Cyclohexane	NS	NS	0.00037 J	0.00053 J	0.00023 U	0.00028 U	0.00027 U
Dibromochloromethane	NS	NS	0.00021 U	0.0002 U	0.0002 U	0.00024 U	0.00023 U
Dichlorodifluoromethane	NS	NS	0.00036 UJ	0.00035 U	0.00035 U	0.00043 U	0.00041 U
Ethylbenzene	1	41	0.00021 U	0.00021 U	0.00021 U	0.00025 U	0.00024 U
Isopropylbenzene (Cumene)	NS	NS	0.00013 U	0.00013 U	0.00013 U	0.00016 U	0.00015 U
M,P-Xylenes	NS	NS	0.00018 U	0.00018 U	0.00018 U	0.00022 U	0.00021 U
Methyl Acetate	NS	NS	0.0046 U	0.0045 U	0.0044 U	0.0054 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0029 U	0.0053	0.0048 J	0.0034 U	0.0098
Methyl Isobutyl Ketone	NS	NS	0.0017 U	0.0016 U	0.0016 U	0.002 U	0.0019 U
Methylcyclohexane	NS	NS	0.00053 U	0.00095 J	0.00051 U	0.00063 U	0.0006 U
Methylene Chloride	0.05	100	0.00049 U	0.00048 U	0.00048 U	0.00058 U	0.00056 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00021 U	0.0002 U	0.0002 U	0.00024 U	0.00023 U
Styrene	NS	NS	0.0003 U	0.00029 U	0.00029 U	0.00035 U	0.00033 U
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00013 U	0.00013 U	0.00016 U	0.00015 U
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.00015 U	0.00015 U	0.00018 U	0.00017 U
Toluene	0.7	100	0.00025 U	0.00024 U	0.00024 U	0.00029 U	0.00039 U
Trans-1,2-Dichloroethene	0.19	100	0.00026 U	0.00026 U	0.00025 U	0.00031 U	0.0003 U
Trans-1,3-Dichloropropene	NS	NS	0.00028 U	0.00028 U	0.00027 U	0.00034 U	0.00032 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.00015 U	0.00015 U	0.00018 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.00043 U	0.00042 U	0.00042 U	0.00051 U	0.00049 U
Vinyl Chloride	0.02	0.9	0.00058 UJ	0.00057 U	0.00056 U	0.00069 U	0.00066 U
Xylenes, Mixed	0.26	100	0.00039 U	0.00038 U	0.00038 U	0.00046 U	0.00044 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-17_15_20191029 460-195164-1 10/29/2019 1 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 1 mg/kg	EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 1 mg/kg	EP-19_15_20191113 460-196444-1 11/13/2019 1 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00024 U	0.00029 U	0.0003 U	0.00027 UJ	0.00028 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00022 U	0.00026 U	0.00027 U	0.00024 U	0.00025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00031 U	0.00037 U	0.00038 U	0.00034 U	0.00036 U
1,1,2-Trichloroethane	NS	NS	0.00018 U	0.00022 U	0.00023 U	0.0002 U	0.00021 U
1,1-Dichloroethane	0.27	26	0.00021 U	0.00025 U	0.00026 U	0.00024 U	0.00025 U
1,1-Dichloroethene	0.33	100	0.00023 U	0.00028 U	0.00029 U	0.00026 U	0.00027 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 U	0.00022 U	0.00023 U	0.00021 U	0.00022 U
1,2,4-Trichlorobenzene	NS	NS	0.00037 U	0.00044 U	0.00046 U	0.00041 U	0.00043 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00047 U	0.00057 U	0.00059 U	0.00053 U	0.00055 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.00022 U	0.00023 U	0.00021 U	0.00021 U
1,2-Dichlorobenzene	1.1	100	0.00015 U	0.00018 U	0.00018 U	0.00016 U	0.00017 U
1,2-Dichloroethane	0.02	3.1	0.0003 U	0.00037 U	0.00038 U	0.00034 U	0.00035 U
1,2-Dichloropropane	NS	NS	0.00044 U	0.00052 U	0.00054 U	0.00048 U	0.0005 U
1,3-Dichlorobenzene	2.4	49	0.00016 U	0.0002 U	0.0002 U	0.00018 U	0.00019 U
1,4-Dichlorobenzene	1.8	13	0.00023 U	0.00028 U	0.00029 U	0.00026 U	0.00027 U
2-Hexanone	NS	NS	0.0018 U	0.0021 U	0.0022 U	0.002 U	0.002 U
Acetone	0.05	100	0.016	0.0071 U	0.051	0.025	0.045
Benzene	0.06	4.8	0.00027 U	0.00032 U	0.00033 U	0.0003 U	0.00031 U
Bromochloromethane	NS	NS	0.00029 U	0.00035 U	0.00036 U	0.00032 U	0.00033 U
Bromodichloromethane	NS	NS	0.00026 U	0.00032 U	0.00033 U	0.00029 U	0.00031 U
Bromoform	NS	NS	0.00044 U	0.00053 UJ	0.00054 U	0.00049 U	0.00051 U
Bromomethane	NS	NS	0.00049 U	0.00059 U	0.00061 U	0.00054 U	0.00056 U
Carbon Disulfide	NS	NS	0.00061 J	0.00051 J	0.00087 J	0.0011	0.00087 J
Carbon Tetrachloride	0.76	2.4	0.0004 U	0.00048 U	0.00049 U	0.00044 U	0.00046 U
Chlorobenzene	1.1	100	0.00018 U	0.00022 U	0.00023 U	0.0002 U	0.00021 U
Chloroethane	NS	NS	0.00054 U	0.00064 U	0.00067 U	0.0006 U	0.00062 U
Chloroform	0.37	49	0.00033 U	0.00039 U	0.00041 U	0.00037 U	0.00038 U
Chloromethane	NS	NS	0.00045 U	0.00054 U	0.00056 U	0.0005 U	0.00052 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00019 U	0.00019 U	0.00017 U	0.00018 U
Cis-1,3-Dichloropropene	NS	NS	0.00028 U	0.00034 U	0.00035 U	0.00031 U	0.00033 U
Cyclohexane	NS	NS	0.00023 U	0.00027 U	0.00028 U	0.00025 U	0.00026 U
Dibromochloromethane	NS	NS	0.0002 U	0.00024 U	0.00025 U	0.00022 U	0.00023 U
Dichlorodifluoromethane	NS	NS	0.00035 U	0.00042 U	0.00043 U	0.00039 U	0.0004 U
Ethylbenzene	1	41	0.0002 U	0.00025 U	0.00043 U	0.00023 U	0.00024 U
Isopropylbenzene (Cumene)	NS	NS	0.00013 U	0.00016 U	0.00083 J	0.00017 J	0.00015 U
M,P-Xylenes	NS	NS	0.00026 J	0.00021 U	0.00022 U	0.0002 U	0.00021 U
Methyl Acetate	NS	NS	0.0044 U	0.0053 U	0.0055 U	0.0049 U	0.0051 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0028 U	0.0033 U	0.0035 U	0.0031 U	0.0032 U
Methyl Isobutyl Ketone	NS	NS	0.0016 U	0.0019 U	0.002 U	0.0018 U	0.0019 U
Methylcyclohexane	NS	NS	0.00051 U	0.00062 U	0.00064 U	0.00057 U	0.00059 U
Methylene Chloride	0.05	100	0.00048 U	0.00057 U	0.00059 U	0.00079 J	0.00055 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0002 U	0.00024 U	0.00079 U	0.00028 J	0.00023 U
Styrene	NS	NS	0.00029 U	0.00034 U	0.00035 U	0.00032 U	0.00033 U
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00015 U	0.00016 U	0.00014 U	0.00015 U
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.00018 U	0.00018 U	0.00016 U	0.00017 U
Toluene	0.7	100	0.00024 U	0.00029 U	0.0003 U	0.00035 J	0.00028 U
Trans-1,2-Dichloroethene	0.19	100	0.00025 U	0.0003 U	0.00031 U	0.00028 U	0.00029 U
Trans-1,3-Dichloropropene	NS	NS	0.00027 U	0.00033 U	0.00034 U	0.0003 U	0.00032 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.00018 U	0.00018 U	0.00016 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.00042 U	0.0005 U	0.00052 U	0.00046 U	0.00048 U
Vinyl Chloride	0.02	0.9	0.00056 U	0.00067 U	0.0007 U	0.00062 U	0.00065 U
Xylenes, Mixed	0.26	100	0.00026 J	0.00045 U	0.00101 U	0.00028 J	0.00044 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 1 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 1 mg/kg	EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 1 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 1 mg/kg	EP-21_12_20191114 460-196539-1 11/14/2019 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00049 U	0.00051 U	0.00027 U	0.00027 U	0.00027 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00045 U	0.00047 U	0.00025 U	0.00025 U	0.00025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00064 U	0.00066 U	0.00035 U	0.00035 U	0.00035 U
1,1,2-Trichloroethane	NS	NS	0.00038 U	0.00039 U	0.00021 U	0.00021 U	0.00021 U
1,1-Dichloroethane	0.27	26	0.00044 U	0.00045 U	0.00024 U	0.00024 U	0.00024 U
1,1-Dichloroethene	0.33	100	0.00048 U	0.00049 U	0.00026 U	0.00026 U	0.00026 U
1,2,3-Trichlorobenzene	NS	NS	0.00038 U	0.0004 U	0.00021 U	0.00021 U	0.00021 U
1,2,4-Trichlorobenzene	NS	NS	0.00076 U	0.00078 U	0.00042 U	0.00042 U	0.00042 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00098 U	0.001 U	0.00054 U	0.00054 U	0.00054 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00038 U	0.00039 U	0.00021 U	0.00021 U	0.00021 U
1,2-Dichlorobenzene	1.1	100	0.00031 U	0.00032 U	0.00017 U	0.00017 U	0.00017 U
1,2-Dichloroethane	0.02	3.1	0.00063 U	0.00065 U	0.00035 U	0.00034 U	0.00035 U
1,2-Dichloropropane	NS	NS	0.0009 U	0.00093 U	0.0005 U	0.00049 U	0.0005 U
1,3-Dichlorobenzene	2.4	49	0.00034 U	0.00035 U	0.00019 U	0.00019 U	0.00019 U
1,4-Dichlorobenzene	1.8	13	0.00048 U	0.00049 U	0.00026 U	0.00026 U	0.00026 U
2-Hexanone	NS	NS	0.0036 U	0.0037 U	0.002 U	0.002 U	0.002 U
Acetone	0.05	100	0.038	0.034	0.0067 U	0.05	0.0094
Benzene	0.06	4.8	0.00055 U	0.00072 J	0.0003 U	0.0003 U	0.0003 U
Bromochloromethane	NS	NS	0.0006 U	0.00061 U	0.00033 U	0.00033 U	0.00033 U
Bromodichloromethane	NS	NS	0.00055 U	0.00056 U	0.0003 U	0.0003 U	0.0003 U
Bromoform	NS	NS	0.0009 U	0.00093 U	0.0005 U	0.0005 U	0.0005 U
Bromomethane	NS	NS	0.001 U	0.001 U	0.00056 U	0.00055 U	0.00056 U
Carbon Disulfide	NS	NS	0.00062 J	0.00083 J	0.0004 J	0.00095 J	0.00035 J
Carbon Tetrachloride	0.76	2.4	0.00082 U	0.00085 U	0.00045 U	0.00045 U	0.00046 U
Chlorobenzene	1.1	100	0.00038 U	0.00039 U	0.00021 U	0.00021 U	0.00021 U
Chloroethane	NS	NS	0.0011 U	0.0011 U	0.00061 U	0.00061 U	0.00061 U
Chloroform	0.37	49	0.00068 U	0.0007 U	0.00037 U	0.00037 U	0.00038 U
Chloromethane	NS	NS	0.00092 U	0.00095 U	0.00051 U	0.00051 U	0.00051 U
Cis-1,2-Dichloroethylene	0.25	100	0.00032 U	0.00033 U	0.00018 U	0.00018 U	0.00018 U
Cis-1,3-Dichloropropene	NS	NS	0.00058 U	0.0006 U	0.00032 U	0.00032 U	0.00032 U
Cyclohexane	NS	NS	0.00047 U	0.00048 U	0.00026 U	0.00026 U	0.00026 U
Dibromochloromethane	NS	NS	0.00041 U	0.00042 U	0.00023 U	0.00023 U	0.00023 U
Dichlorodifluoromethane	NS	NS	0.00072 U	0.00074 U	0.0004 UJ	0.00039 U	0.0004 U
Ethylbenzene	1	41	0.024	0.026	0.00023 U	0.00023 U	0.00023 U
Isopropylbenzene (Cumene)	NS	NS	0.039	0.042	0.00015 U	0.00015 U	0.00015 U
M,P-Xylenes	NS	NS	0.0087	0.011	0.0002 U	0.0002 U	0.0002 U
Methyl Acetate	NS	NS	0.0091 U	0.0094 U	0.005 U	0.005 U	0.0051 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0081 J	0.0082 J	0.0032 U	0.0082	0.0032 U
Methyl Isobutyl Ketone	NS	NS	0.0033 U	0.0034 U	0.0018 U	0.0018 U	0.0018 U
Methylcyclohexane	NS	NS	0.0011 U	0.0011 U	0.00058 U	0.00058 U	0.00059 U
Methylene Chloride	0.05	100	0.00099 U	0.001 U	0.00054 U	0.00054 U	0.00055 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.057	0.054	0.00023 U	0.00023 U	0.00023 U
Styrene	NS	NS	0.00059 U	0.00061 U	0.00032 U	0.00032 U	0.00033 U
Tert-Butyl Methyl Ether	0.93	100	0.054	0.042	0.00015 U	0.00015 U	0.00015 U
Tetrachloroethylene (PCE)	1.3	19	0.0003 U	0.00031 U	0.00017 U	0.00017 U	0.00017 U
Toluene	0.7	100	0.0005 U	0.00058 J	0.00027 U	0.00027 U	0.00028 U
Trans-1,2-Dichloroethene	0.19	100	0.00052 U	0.00054 U	0.00029 U	0.00029 U	0.00029 U
Trans-1,3-Dichloropropene	NS	NS	0.00056 U	0.00058 U	0.00031 U	0.00031 U	0.00031 U
Trichloroethylene (TCE)	0.47	21	0.00031 U	0.00032 U	0.00017 U	0.00017 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.00086 U	0.00089 U	0.00048 U	0.00047 U	0.00048 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0012 U	0.00064 U	0.00064 U	0.00064 U
Xylenes, Mixed	0.26	100	0.0657	0.065	0.00043 U	0.00043 U	0.00043 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 1 mg/kg	EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 1 mg/kg	EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 1 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 1 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00025 U	0.00026 U	0.00026 U	0.00025 U	0.00023 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00023 U	0.00024 U	0.00023 U	0.00023 U	0.00021 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00032 U	0.00034 U	0.00033 U	0.00033 U	0.00029 U
1,1,2-Trichloroethane	NS	NS	0.00019 U	0.0002 U	0.00019 U	0.00019 U	0.00017 U
1,1-Dichloroethane	0.27	26	0.00022 U	0.00023 U	0.00023 U	0.00022 U	0.0002 U
1,1-Dichloroethene	0.33	100	0.00024 U	0.00025 U	0.00025 U	0.00025 U	0.00022 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 UJ	0.0002 U	0.0002 U	0.0002 U	0.00018 U
1,2,4-Trichlorobenzene	NS	NS	0.00038 UJ	0.0004 U	0.00039 U	0.00039 U	0.00035 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00049 U	0.00051 U	0.0005 U	0.0005 U	0.00045 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.0002 U	0.0002 U	0.0002 U	0.00018 U
1,2-Dichlorobenzene	1.1	100	0.00015 UJ	0.00016 U	0.00016 U	0.00016 U	0.00014 U
1,2-Dichloroethane	0.02	3.1	0.00032 U	0.00033 U	0.00032 U	0.00032 U	0.00029 U
1,2-Dichloropropane	NS	NS	0.00045 U	0.00047 U	0.00046 U	0.00046 U	0.00041 U
1,3-Dichlorobenzene	2.4	49	0.00017 UJ	0.00018 U	0.00017 U	0.00017 U	0.00016 U
1,4-Dichlorobenzene	1.8	13	0.00024 UJ	0.00025 U	0.00025 U	0.00025 U	0.00022 U
2-Hexanone	NS	NS	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0017 U
Acetone	0.05	100	0.0075	0.045	0.048	0.05	0.018
Benzene	0.06	4.8	0.00028 U	0.00029 U	0.00028 U	0.00028 U	0.00025 U
Bromochloromethane	NS	NS	0.0003 U	0.00031 U	0.00031 U	0.00031 U	0.00027 U
Bromodichloromethane	NS	NS	0.00028 U	0.00029 U	0.00028 U	0.00028 U	0.00025 U
Bromoform	NS	NS	0.00046 U	0.00047 U	0.00047 U	0.00046 U	0.00041 U
Bromomethane	NS	NS	0.00051 U	0.00053 U	0.00052 U	0.00052 U	0.00046 U
Carbon Disulfide	NS	NS	0.00029 U	0.0003 U	0.00033 J	0.00029 J	0.00068 J
Carbon Tetrachloride	0.76	2.4	0.00041 U	0.00043 U	0.00042 U	0.00042 U	0.00038 UJ
Chlorobenzene	1.1	100	0.00019 U	0.0002 U	0.00019 U	0.00019 U	0.00017 U
Chloroethane	NS	NS	0.00056 U	0.00058 U	0.00057 U	0.00057 U	0.00051 U
Chloroform	0.37	49	0.00034 U	0.00036 U	0.00035 U	0.00035 U	0.00031 U
Chloromethane	NS	NS	0.00047 U	0.00049 U	0.00048 U	0.00048 U	0.00042 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00017 U	0.00017 U	0.00017 U	0.00015 U
Cis-1,3-Dichloropropene	NS	NS	0.00029 U	0.0003 U	0.0003 U	0.0003 U	0.00027 U
Cyclohexane	NS	NS	0.00024 U	0.00025 U	0.00024 U	0.00024 U	0.001
Dibromochloromethane	NS	NS	0.00021 U	0.00022 U	0.00021 U	0.00021 U	0.00019 U
Dichlorodifluoromethane	NS	NS	0.00036 U	0.00038 U	0.00037 U	0.00037 U	0.00033 U
Ethylbenzene	1	41	0.00021 U	0.00022 U	0.00022 U	0.00022 U	0.00078 J
Isopropylbenzene (Cumene)	NS	NS	0.00014 U	0.00014 U	0.00014 U	0.00014 U	0.00086 J
M,P-Xylenes	NS	NS	0.00019 U	0.00019 U	0.00019 U	0.00019 U	0.001
Methyl Acetate	NS	NS	0.0046 U	0.0048 U	0.0047 U	0.0047 U	0.0042 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0029 U	0.003 U	0.003 U	0.0095	0.0037 J
Methyl Isobutyl Ketone	NS	NS	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0015 U
Methylcyclohexane	NS	NS	0.00053 U	0.00056 U	0.00055 U	0.00054 U	0.0038
Methylene Chloride	0.05	100	0.0005 U	0.00052 U	0.00051 U	0.00051 U	0.00045 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00021 U	0.00022 U	0.00021 U	0.00021 U	0.0011
Styrene	NS	NS	0.0003 U	0.00031 U	0.0003 U	0.0003 U	0.00027 U
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00014 U	0.00014 U	0.00014 U	0.00059 J
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.00016 U	0.00016 U	0.00016 U	0.00014 U
Toluene	0.7	100	0.00025 U	0.00026 U	0.00026 U	0.00026 U	0.0004 J
Trans-1,2-Dichloroethene	0.19	100	0.00026 U	0.00027 U	0.00027 U	0.00027 U	0.00024 U
Trans-1,3-Dichloropropene	NS	NS	0.00029 U	0.0003 U	0.00029 U	0.00029 U	0.00026 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.00016 U	0.00016 U	0.00016 U	0.00014 U
Trichlorofluoromethane	NS	NS	0.00044 U	0.00045 U	0.00044 U	0.00044 U	0.0004 U
Vinyl Chloride	0.02	0.9	0.00059 U	0.00061 U	0.0006 U	0.0006 U	0.00053 U
Xylenes, Mixed	0.26	100	0.0004 U	0.00041 U	0.0004 U	0.0004 U	0.0021

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 1 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 1 mg/kg	EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 1 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 1 mg/kg	EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00035 U	0.00025 U	0.00032 U	0.00033 U	0.00033 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00032 U	0.00023 U	0.00029 U	0.00031 U	0.0003 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00045 U	0.00032 U	0.00041 U	0.00043 U	0.00043 U
1,1,2-Trichloroethane	NS	NS	0.00027 U	0.00019 U	0.00024 U	0.00026 U	0.00025 U
1,1-Dichloroethane	0.27	26	0.00031 U	0.00022 U	0.00028 U	0.0003 U	0.00029 U
1,1-Dichloroethene	0.33	100	0.00034 U	0.00024 U	0.00031 U	0.00032 U	0.00032 U
1,2,3-Trichlorobenzene	NS	NS	0.00027 U	0.0002 U	0.00025 U	0.00026 U	0.00026 U
1,2,4-Trichlorobenzene	NS	NS	0.00054 U	0.00039 U	0.00049 U	0.00051 U	0.00051 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00069 U	0.0005 U	0.00062 U	0.00066 U	0.00065 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00027 U	0.00019 U	0.00024 U	0.00026 U	0.00026 U
1,2-Dichlorobenzene	1.1	100	0.00022 U	0.00016 U	0.0002 U	0.00021 U	0.0002 U
1,2-Dichloroethane	0.02	3.1	0.00044 U	0.00032 U	0.0004 U	0.00043 U	0.00042 U
1,2-Dichloropropane	NS	NS	0.00063 U	0.00046 U	0.00057 U	0.00061 U	0.0006 U
1,3-Dichlorobenzene	2.4	49	0.00024 U	0.00017 U	0.00022 U	0.00023 U	0.00023 U
1,4-Dichlorobenzene	1.8	13	0.00034 U	0.00024 U	0.00031 U	0.00032 U	0.00032 U
2-Hexanone	NS	NS	0.0026 U	0.0018 U	0.0023 U	0.0025 U	0.0024 U
Acetone	0.05	100	0.024	0.0071	0.026	0.014	0.018
Benzene	0.06	4.8	0.00039 U	0.00028 U	0.00035 U	0.00037 U	0.00037 U
Bromochloromethane	NS	NS	0.00042 U	0.0003 U	0.00038 U	0.0004 U	0.0004 U
Bromodichloromethane	NS	NS	0.00039 U	0.00028 U	0.00035 U	0.00037 U	0.00037 U
Bromoform	NS	NS	0.00064 UJ	0.00046 U	0.00058 UJ	0.00061 UJ	0.0006 UJ
Bromomethane	NS	NS	0.00071 U	0.00051 U	0.00064 U	0.00068 U	0.00067 U
Carbon Disulfide	NS	NS	0.00063 J	0.00029 U	0.00036 U	0.00038 U	0.00038 U
Carbon Tetrachloride	0.76	2.4	0.00058 U	0.00042 U	0.00053 U	0.00056 U	0.00055 U
Chlorobenzene	1.1	100	0.00027 U	0.00019 U	0.00024 U	0.00025 U	0.00025 U
Chloroethane	NS	NS	0.00078 U	0.00056 U	0.00071 U	0.00075 U	0.00074 U
Chloroform	0.37	49	0.00048 U	0.00034 U	0.00043 U	0.00046 U	0.00045 U
Chloromethane	NS	NS	0.00065 U	0.00047 U	0.00059 U	0.00063 U	0.00062 U
Cis-1,2-Dichloroethylene	0.25	100	0.00023 U	0.00016 U	0.00021 U	0.00022 U	0.00022 U
Cis-1,3-Dichloropropene	NS	NS	0.00041 U	0.00029 U	0.00037 U	0.00039 U	0.00039 U
Cyclohexane	NS	NS	0.0027	0.00024 U	0.0003 U	0.00032 U	0.00031 U
Dibromochloromethane	NS	NS	0.00029 U	0.00021 U	0.00026 U	0.00028 U	0.00028 U
Dichlorodifluoromethane	NS	NS	0.00051 U	0.00036 U	0.00046 U	0.00049 U	0.00048 U
Ethylbenzene	1	41	0.003	0.00021 U	0.00027 U	0.00029 U	0.00028 U
Isopropylbenzene (Cumene)	NS	NS	0.0025	0.00018 J	0.00017 U	0.00018 U	0.00018 U
M,P-Xylenes	NS	NS	0.0055	0.00028 J	0.00024 U	0.00025 U	0.00025 U
Methyl Acetate	NS	NS	0.0065 U	0.0046 U	0.0058 U	0.0062 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0063 J	0.0029 U	0.0037 U	0.0039 U	0.0039 U
Methyl Isobutyl Ketone	NS	NS	0.0023 U	0.0017 U	0.0021 U	0.0022 U	0.0022 U
Methylcyclohexane	NS	NS	0.01	0.00054 U	0.00068 U	0.00072 U	0.00071 U
Methylene Chloride	0.05	100	0.0007 U	0.0005 U	0.00063 U	0.00067 U	0.00066 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0053	0.00023 J	0.00026 U	0.00028 U	0.00028 U
Styrene	NS	NS	0.00042 U	0.0003 U	0.00038 U	0.0004 U	0.0004 U
Tert-Butyl Methyl Ether	0.93	100	0.0059	0.00073 J	0.00066 J	0.00018 U	0.00018 U
Tetrachloroethylene (PCE)	1.3	19	0.00071 J	0.00015 U	0.00019 U	0.00021 U	0.0002 U
Toluene	0.7	100	0.0013 J	0.00025 U	0.00032 U	0.00034 U	0.00033 U
Trans-1,2-Dichloroethene	0.19	100	0.00037 U	0.00027 U	0.00033 U	0.00035 U	0.00035 U
Trans-1,3-Dichloropropene	NS	NS	0.0004 U	0.00029 U	0.00036 U	0.00038 U	0.00038 U
Trichloroethylene (TCE)	0.47	21	0.00022 U	0.00016 U	0.0002 U	0.00021 U	0.0002 U
Trichlorofluoromethane	NS	NS	0.00061 U	0.00044 U	0.00055 U	0.00058 U	0.00058 U
Vinyl Chloride	0.02	0.9	0.00082 U	0.00059 U	0.00074 U	0.00078 U	0.00078 U
Xylenes, Mixed	0.26	100	0.0108	0.00051 J	0.0005 U	0.00053 U	0.00053 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 1 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 1 mg/kg	EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 1 mg/kg	EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 1 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00044 U	0.00029 U	0.00032 U	0.00031 U	0.00031 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0004 U	0.00027 U	0.0003 U	0.00028 U	0.00028 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00057 U	0.00038 U	0.00042 U	0.0004 U	0.0004 U
1,1,2-Trichloroethane	NS	NS	0.00034 U	0.00023 U	0.00025 U	0.00024 U	0.00024 U
1,1-Dichloroethane	0.27	26	0.00039 U	0.00026 U	0.00029 U	0.00027 U	0.00027 U
1,1-Dichloroethene	0.33	100	0.00042 U	0.00028 U	0.00031 U	0.0003 U	0.0003 U
1,2,3-Trichlorobenzene	NS	NS	0.00034 U	0.00023 U	0.00025 U	0.00024 U	0.00024 U
1,2,4-Trichlorobenzene	NS	NS	0.00067 U	0.00045 U	0.0005 U	0.00047 U	0.00047 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00087 U	0.00058 U	0.00064 U	0.00061 U	0.00061 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00034 U	0.00023 U	0.00025 U	0.00024 U	0.00024 U
1,2-Dichlorobenzene	1.1	100	0.00027 U	0.00018 U	0.0002 U	0.00019 U	0.00019 U
1,2-Dichloroethane	0.02	3.1	0.00056 U	0.00037 U	0.00041 U	0.00039 U	0.00039 U
1,2-Dichloropropane	NS	NS	0.0008 U	0.00054 U	0.00059 U	0.00056 U	0.00056 U
1,3-Dichlorobenzene	2.4	49	0.0003 U	0.0002 U	0.00022 U	0.00021 U	0.00021 U
1,4-Dichlorobenzene	1.8	13	0.00042 U	0.00028 U	0.00031 U	0.0003 U	0.0003 U
2-Hexanone	NS	NS	0.0032 U	0.0022 U	0.0024 U	0.0023 U	0.0023 U
Acetone	0.05	100	0.038	0.0072 U	0.008 U	0.032	0.022
Benzene	0.06	4.8	0.00049 U	0.00033 U	0.00036 U	0.00034 U	0.00034 U
Bromochloromethane	NS	NS	0.00053 U	0.00036 U	0.00039 U	0.00037 U	0.00037 U
Bromodichloromethane	NS	NS	0.00048 U	0.00033 U	0.00036 U	0.00034 U	0.00034 U
Bromoform	NS	NS	0.0008 UJ	0.00054 UJ	0.00059 U	0.00056 UJ	0.00056 U
Bromomethane	NS	NS	0.00089 U	0.0006 U	0.00066 U	0.00063 U	0.00063 U
Carbon Disulfide	NS	NS	0.0005 U	0.00034 UJ	0.00037 U	0.00076 J	0.00035 U
Carbon Tetrachloride	0.76	2.4	0.00073 U	0.00049 U	0.00054 U	0.00051 U	0.00051 U
Chlorobenzene	1.1	100	0.00033 U	0.00022 U	0.00025 U	0.00023 U	0.00023 U
Chloroethane	NS	NS	0.00098 U	0.00066 U	0.00073 U	0.00069 U	0.00069 U
Chloroform	0.37	49	0.0006 U	0.0004 U	0.00044 U	0.00042 U	0.00042 U
Chloromethane	NS	NS	0.00082 U	0.00055 U	0.00061 U	0.00057 U	0.00058 U
Cis-1,2-Dichloroethylene	0.25	100	0.00029 U	0.00019 U	0.00021 U	0.0002 U	0.0002 U
Cis-1,3-Dichloropropene	NS	NS	0.00051 U	0.00035 U	0.00038 U	0.00036 U	0.00036 U
Cyclohexane	NS	NS	0.002	0.00028 U	0.00031 U	0.00029 U	0.00028 U
Dibromochloromethane	NS	NS	0.00037 U	0.00025 U	0.00027 U	0.00026 U	0.00026 U
Dichlorodifluoromethane	NS	NS	0.00064 U	0.00043 U	0.00047 U	0.00045 U	0.00045 U
Ethylbenzene	1	41	0.011	0.00025 U	0.00028 U	0.00026 U	0.00088 J
Isopropylbenzene (Cumene)	NS	NS	0.014	0.00016 U	0.00018 U	0.00017 U	0.00017 U
M,P-Xylenes	NS	NS	0.0058	0.00022 U	0.00024 U	0.00023 U	0.00023 U
Methyl Acetate	NS	NS	0.0081 U	0.0054 U	0.006 U	0.0057 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0051 U	0.0034 U	0.0038 U	0.0058 J	0.0074
Methyl Isobutyl Ketone	NS	NS	0.0029 U	0.002 U	0.0022 U	0.0021 U	0.0021 U
Methylcyclohexane	NS	NS	0.0022	0.00063 U	0.0007 U	0.00066 U	0.035
Methylene Chloride	0.05	100	0.00087 U	0.00059 U	0.00065 U	0.00061 U	0.00061 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.012	0.00025 U	0.00027 U	0.0003 J	0.0022
Styrene	NS	NS	0.00052 U	0.00035 U	0.00039 U	0.00037 U	0.00037 U
Tert-Butyl Methyl Ether	0.93	100	0.34	0.00016 U	0.00017 U	0.0003 J	0.0046
Tetrachloroethylene (PCE)	1.3	19	0.00027 U	0.00018 U	0.0002 U	0.00019 U	0.00019 U
Toluene	0.7	100	0.0011 J	0.0003 U	0.00033 U	0.00031 U	0.00036 J
Trans-1,2-Dichloroethene	0.19	100	0.00046 U	0.00031 U	0.00034 U	0.00032 U	0.00033 U
Trans-1,3-Dichloropropene	NS	NS	0.0005 U	0.00034 U	0.00037 U	0.00035 U	0.00035 U
Trichloroethylene (TCE)	0.47	21	0.00027 U	0.00018 U	0.0002 U	0.00019 U	0.00019 U
Trichlorofluoromethane	NS	NS	0.00076 U	0.00051 UJ	0.00057 U	0.00054 U	0.00054 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00069 U	0.00076 U	0.00072 U	0.00072 U
Xylenes, Mixed	0.26	100	0.0178	0.00047 U	0.00051 U	0.0003 J	0.0097

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 1 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 1 mg/kg	EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 1 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 1 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00027 U	0.00024 U	0.00035 U	0.00027 U	0.00026 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00025 U	0.00022 U	0.00032 U	0.00025 U	0.00024 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00035 U	0.00031 U	0.00045 U	0.00035 U	0.00034 U
1,1,2-Trichloroethane	NS	NS	0.00021 U	0.00018 U	0.00027 U	0.00021 U	0.0002 U
1,1-Dichloroethane	0.27	26	0.00024 U	0.00021 U	0.00031 U	0.00024 U	0.00023 U
1,1-Dichloroethene	0.33	100	0.00026 U	0.00023 U	0.00034 U	0.00026 U	0.00025 U
1,2,3-Trichlorobenzene	NS	NS	0.00021 U	0.00019 U	0.00027 U	0.00021 U	0.0002 U
1,2,4-Trichlorobenzene	NS	NS	0.00042 U	0.00037 U	0.00054 U	0.00042 U	0.0004 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00054 U	0.00048 U	0.00069 U	0.00054 U	0.00052 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00021 U	0.00019 U	0.00027 U	0.00021 U	0.0002 U
1,2-Dichlorobenzene	1.1	100	0.00017 U	0.00015 U	0.00022 U	0.00017 U	0.00016 U
1,2-Dichloroethane	0.02	3.1	0.00035 U	0.00031 U	0.00045 U	0.00035 U	0.00033 U
1,2-Dichloropropane	NS	NS	0.0005 U	0.00044 U	0.00064 U	0.00049 U	0.00047 U
1,3-Dichlorobenzene	2.4	49	0.00019 U	0.00016 U	0.00024 U	0.00019 U	0.00018 U
1,4-Dichlorobenzene	1.8	13	0.00026 U	0.00023 U	0.00034 U	0.00026 U	0.00025 U
2-Hexanone	NS	NS	0.002 U	0.0018 U	0.0026 U	0.002 U	0.0019 U
Acetone	0.05	100	0.027	0.053	0.066	0.012	0.064 U
Benzene	0.06	4.8	0.0017	0.00027 U	0.00039 U	0.0003 U	0.00029 U
Bromochloromethane	NS	NS	0.00033 U	0.00029 U	0.00042 U	0.00033 U	0.00031 U
Bromodichloromethane	NS	NS	0.0003 U	0.00027 U	0.00039 U	0.0003 U	0.00029 U
Bromoform	NS	NS	0.0005 U	0.00044 U	0.00064 U	0.0005 U	0.00048 U
Bromomethane	NS	NS	0.00056 U	0.00049 U	0.00071 U	0.00055 U	0.00053 U
Carbon Disulfide	NS	NS	0.0023	0.00053 J	0.00046 J	0.00051 J	0.0003 U
Carbon Tetrachloride	0.76	2.4	0.00045 U	0.0004 U	0.00058 U	0.00045 U	0.00043 U
Chlorobenzene	1.1	100	0.00021 U	0.00018 U	0.00027 U	0.00021 U	0.0002 U
Chloroethane	NS	NS	0.00061 U	0.00054 U	0.00079 U	0.00061 U	0.00058 U
Chloroform	0.37	49	0.00037 U	0.00033 U	0.00048 U	0.00037 U	0.00036 U
Chloromethane	NS	NS	0.00051 U	0.00045 U	0.00066 U	0.00051 U	0.00049 U
Cis-1,2-Dichloroethylene	0.25	100	0.00018 U	0.00016 U	0.00027 J	0.00018 U	0.00017 U
Cis-1,3-Dichloropropene	NS	NS	0.00032 U	0.00028 U	0.00041 U	0.00032 U	0.00031 U
Cyclohexane	NS	NS	0.0075	0.00023 U	0.00034 J	0.00026 U	0.00025 U
Dibromochloromethane	NS	NS	0.00023 U	0.0002 U	0.00029 U	0.00023 U	0.00022 U
Dichlorodifluoromethane	NS	NS	0.0004 U	0.00035 U	0.00051 U	0.00039 U	0.00038 U
Ethylbenzene	1	41	0.016	0.00025 J	0.0067	0.00023 U	0.00022 U
Isopropylbenzene (Cumene)	NS	NS	0.0078	0.00019 J	0.011	0.00015 U	0.00014 U
M,P-Xylenes	NS	NS	0.039	0.00018 U	0.0096	0.0002 U	0.00019 U
Methyl Acetate	NS	NS	0.005 U	0.0045 U	0.0065 U	0.005 U	0.0048 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0035 J	0.0028 U	0.0042 J	0.0032 U	0.003 U
Methyl Isobutyl Ketone	NS	NS	0.0018 U	0.0016 U	0.0023 U	0.0018 U	0.0017 U
Methylcyclohexane	NS	NS	0.035	0.001	0.0016	0.00058 U	0.00056 U
Methylene Chloride	0.05	100	0.00054 U	0.00048 U	0.0014 J	0.00054 U	0.00065 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.016	0.0002 J	0.013	0.00023 U	0.00022 U
Styrene	NS	NS	0.0019	0.00029 U	0.00042 U	0.00032 U	0.00031 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 J	0.00013 U	0.013	0.00015 U	0.00014 U
Tetrachloroethylene (PCE)	1.3	19	0.00017 U	0.00015 U	0.00022 U	0.00017 U	0.00016 U
Toluene	0.7	100	0.0056	0.00025 J	0.00051 J	0.00027 U	0.00026 U
Trans-1,2-Dichloroethene	0.19	100	0.00029 U	0.00026 U	0.00037 U	0.00029 U	0.00028 U
Trans-1,3-Dichloropropene	NS	NS	0.00031 U	0.00028 U	0.0004 U	0.00031 U	0.0003 U
Trichloroethylene (TCE)	0.47	21	0.00017 U	0.00015 U	0.00022 U	0.00017 U	0.00016 U
Trichlorofluoromethane	NS	NS	0.00048 U	0.00042 U	0.00061 U	0.00047 U	0.00045 U
Vinyl Chloride	0.02	0.9	0.00064 U	0.00057 U	0.00082 U	0.00064 U	0.00061 U
Xylenes, Mixed	0.26	100	0.055	0.0002 J	0.0226	0.00043 U	0.00041 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 1 mg/kg	EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 1 mg/kg	EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 1 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 1 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00024 U	0.00023 U	0.00026 U	0.00028 U	0.00028 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00022 UJ	0.00021 U	0.00024 U	0.00026 U	0.00026 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00031 U	0.0003 U	0.00034 U	0.00037 U	0.00036 U
1,1,2-Trichloroethane	NS	NS	0.00018 U	0.00018 U	0.0002 U	0.00022 U	0.00022 U
1,1-Dichloroethane	0.27	26	0.00021 U	0.0002 U	0.00023 U	0.00025 U	0.00025 U
1,1-Dichloroethene	0.33	100	0.00023 U	0.00022 U	0.00025 U	0.00027 U	0.00027 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 UJ	0.00018 UJ	0.0002 U	0.00022 U	0.00022 U
1,2,4-Trichlorobenzene	NS	NS	0.00037 UJ	0.00036 UJ	0.0004 U	0.00044 U	0.00043 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00048 U	0.00046 U	0.00052 U	0.00056 U	0.00056 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.00018 U	0.0002 U	0.00022 U	0.00022 U
1,2-Dichlorobenzene	1.1	100	0.00015 UJ	0.00014 U	0.00016 U	0.00018 U	0.00017 U
1,2-Dichloroethane	0.02	3.1	0.00031 U	0.00029 U	0.00033 U	0.00036 U	0.00036 U
1,2-Dichloropropane	NS	NS	0.00044 U	0.00042 U	0.00048 U	0.00052 U	0.00051 U
1,3-Dichlorobenzene	2.4	49	0.00016 UJ	0.00016 U	0.00018 U	0.00019 U	0.00019 U
1,4-Dichlorobenzene	1.8	13	0.00023 UJ	0.00022 U	0.00025 U	0.00027 U	0.00027 U
2-Hexanone	NS	NS	0.0018 U	0.0017 U	0.0019 U	0.0021 U	0.0021 U
Acetone	0.05	100	0.0073 JK	0.0057 U	0.022	0.03	0.031
Benzene	0.06	4.8	0.00027 U	0.00026 U	0.00029 U	0.0032	0.00042 J
Bromochloromethane	NS	NS	0.00029 U	0.00028 U	0.00032 U	0.00034 U	0.00034 U
Bromodichloromethane	NS	NS	0.00027 U	0.00026 U	0.00029 U	0.00031 U	0.00031 U
Bromoform	NS	NS	0.00044 U	0.00042 U	0.00048 U	0.00052 U	0.00051 U
Bromomethane	NS	NS	0.00049 U	0.00047 U	0.00054 U	0.00058 U	0.00057 U
Carbon Disulfide	NS	NS	0.00049 J	0.00048 J	0.00036 J	0.00077 J	0.00043 J
Carbon Tetrachloride	0.76	2.4	0.0004 U	0.00038 U	0.00044 U	0.00047 U	0.00047 U
Chlorobenzene	1.1	100	0.00018 UJ	0.00018 U	0.0002 U	0.00022 U	0.00021 U
Chloroethane	NS	NS	0.00054 U	0.00052 U	0.00059 U	0.00064 U	0.00063 U
Chloroform	0.37	49	0.00033 U	0.00032 U	0.00036 U	0.00039 U	0.00039 U
Chloromethane	NS	NS	0.00045 U	0.00043 U	0.00049 U	0.00053 U	0.00053 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00015 U	0.00017 U	0.00019 U	0.00018 U
Cis-1,3-Dichloropropene	NS	NS	0.00028 UJ	0.00027 U	0.00031 U	0.00033 U	0.00033 U
Cyclohexane	NS	NS	0.00023 U	0.00022 U	0.00025 U	0.038	0.0018
Dibromochloromethane	NS	NS	0.0002 U	0.00019 U	0.00022 U	0.00024 U	0.00023 U
Dichlorodifluoromethane	NS	NS	0.00035 UJ	0.00034 U	0.00038 U	0.00041 U	0.00041 U
Ethylbenzene	1	41	0.00021 UJ	0.0002 U	0.00062 J	0.02	0.00031 J
Isopropylbenzene (Cumene)	NS	NS	0.00013 UJ	0.00013 U	0.0017	0.026	0.00026 J
M,P-Xylenes	NS	NS	0.00018 UJ	0.00017 U	0.0032	0.053	0.00021 U
Methyl Acetate	NS	NS	0.0045 UJ	0.0043 U	0.0049 U	0.0052 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0028 U	0.0027 U	0.0052 J	0.004 J	0.0033 U
Methyl Isobutyl Ketone	NS	NS	0.0016 U	0.0015 U	0.0018 U	0.0019 U	0.0019 U
Methylcyclohexane	NS	NS	0.00052 UJ	0.0005 U	0.0015	0.15	0.0066
Methylene Chloride	0.05	100	0.00048 U	0.00046 U	0.00052 U	0.00057 U	0.00056 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0002 U	0.00019 U	0.0014	0.018	0.0015
Styrene	NS	NS	0.00029 UJ	0.00028 U	0.00031 U	0.00034 U	0.00034 U
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00012 U	0.0027	0.002	0.00044 J
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.00014 U	0.00016 U	0.00017 U	0.00055 J
Toluene	0.7	100	0.00024 U	0.00023 U	0.00038 J	0.012	0.00032 J
Trans-1,2-Dichloroethene	0.19	100	0.00025 U	0.00024 U	0.00028 U	0.0003 U	0.0003 U
Trans-1,3-Dichloropropene	NS	NS	0.00028 UJ	0.00026 U	0.0003 U	0.00032 U	0.00032 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.00014 U	0.00016 U	0.00018 U	0.00017 U
Trichlorofluoromethane	NS	NS	0.00042 U	0.0004 U	0.00046 U	0.0005 U	0.00049 U
Vinyl Chloride	0.02	0.9	0.00057 U	0.00054 U	0.00062 U	0.00067 U	0.00066 U
Xylenes, Mixed	0.26	100	0.00038 U	0.00036 U	0.0046	0.071	0.0015

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 1 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 1 mg/kg	EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 1 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 1 mg/kg	EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00044 U	0.00033 U	0.00027 U	0.00024 U	0.00026 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00041 U	0.0003 U	0.00025 U	0.00022 U	0.00024 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00057 U	0.00042 U	0.00035 U	0.00032 U	0.00034 U
1,1,2-Trichloroethane	NS	NS	0.00034 U	0.00025 U	0.00021 U	0.00019 U	0.0002 U
1,1-Dichloroethane	0.27	26	0.00039 U	0.00029 U	0.00024 U	0.00022 U	0.00023 U
1,1-Dichloroethene	0.33	100	0.00043 U	0.00032 U	0.00026 U	0.00024 U	0.00025 U
1,2,3-Trichlorobenzene	NS	NS	0.00034 U	0.00026 U	0.00021 U	0.00019 U	0.0002 U
1,2,4-Trichlorobenzene	NS	NS	0.00068 U	0.00051 U	0.00041 U	0.00038 U	0.0004 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00087 U	0.00065 U	0.00053 U	0.00048 U	0.00052 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00034 U	0.00025 U	0.00021 U	0.00019 U	0.0002 U
1,2-Dichlorobenzene	1.1	100	0.00027 U	0.0002 U	0.00017 U	0.00015 U	0.00016 U
1,2-Dichloroethane	0.02	3.1	0.00056 U	0.00042 U	0.00034 U	0.00031 U	0.00033 U
1,2-Dichloropropane	NS	NS	0.0008 U	0.0006 U	0.00049 U	0.00044 U	0.00047 U
1,3-Dichlorobenzene	2.4	49	0.0003 U	0.00022 U	0.00018 U	0.00017 U	0.00018 U
1,4-Dichlorobenzene	1.8	13	0.00043 U	0.00032 U	0.00026 U	0.00024 U	0.00025 U
2-Hexanone	NS	NS	0.0033 U	0.0024 U	0.002 U	0.0018 U	0.0019 U
Acetone	0.05	100	0.011 U	0.029	0.014	0.017	0.01
Benzene	0.06	4.8	0.00049 U	0.00036 U	0.0003 U	0.00027 U	0.00029 U
Bromochloromethane	NS	NS	0.00053 U	0.0004 U	0.00033 U	0.00029 U	0.00031 U
Bromodichloromethane	NS	NS	0.00049 U	0.00036 U	0.0003 U	0.00027 U	0.00029 U
Bromoform	NS	NS	0.00081 UJ	0.0006 U	0.00049 U	0.00045 U	0.00048 U
Bromomethane	NS	NS	0.0009 U	0.00067 U	0.00055 U	0.0005 U	0.00053 U
Carbon Disulfide	NS	NS	0.00056 J	0.0011 J	0.00031 J	0.00028 U	0.00049 J
Carbon Tetrachloride	0.76	2.4	0.00074 U	0.00055 U	0.00045 U	0.00041 U	0.00043 U
Chlorobenzene	1.1	100	0.00034 U	0.00025 U	0.00021 U	0.00019 U	0.0002 U
Chloroethane	NS	NS	0.00099 U	0.00074 U	0.0006 U	0.00055 U	0.00058 U
Chloroform	0.37	49	0.00061 U	0.00045 U	0.00037 U	0.00033 U	0.00036 U
Chloromethane	NS	NS	0.00083 U	0.00061 U	0.0005 U	0.00046 U	0.00049 U
Cis-1,2-Dichloroethylene	0.25	100	0.00029 U	0.00021 U	0.00018 U	0.00016 U	0.00017 U
Cis-1,3-Dichloropropene	NS	NS	0.00052 U	0.00039 U	0.00032 U	0.00029 U	0.00031 U
Cyclohexane	NS	NS	0.00042 U	0.00038 J	0.00026 U	0.00023 U	0.00025 U
Dibromochloromethane	NS	NS	0.00037 U	0.00027 U	0.00022 U	0.0002 U	0.00022 U
Dichlorodifluoromethane	NS	NS	0.00064 U	0.00048 U	0.00039 U	0.00035 U	0.00038 U
Ethylbenzene	1	41	0.00038 U	0.0016	0.00023 U	0.00021 U	0.00022 U
Isopropylbenzene (Cumene)	NS	NS	0.00024 U	0.0027	0.00015 U	0.00013 U	0.00014 U
M,P-Xylenes	NS	NS	0.00033 U	0.00025 U	0.0002 U	0.00018 U	0.00019 U
Methyl Acetate	NS	NS	0.0082 U	0.0061 U	0.005 U	0.0045 U	0.0048 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0051 U	0.0053 J	0.0031 U	0.0028 U	0.003 U
Methyl Isobutyl Ketone	NS	NS	0.003 U	0.0022 U	0.0018 U	0.0016 U	0.0017 U
Methylcyclohexane	NS	NS	0.00095 U	0.0022	0.00058 U	0.00052 U	0.00056 U
Methylene Chloride	0.05	100	0.0014 J	0.00066 U	0.00054 U	0.00049 U	0.00052 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00037 U	0.0041	0.00022 U	0.0002 U	0.00022 U
Styrene	NS	NS	0.00053 U	0.00039 U	0.00032 U	0.00029 U	0.00031 U
Tert-Butyl Methyl Ether	0.93	100	0.00024 J	0.0008 J	0.00014 U	0.00013 U	0.00014 U
Tetrachloroethylene (PCE)	1.3	19	0.00027 U	0.0002 U	0.00017 U	0.00015 U	0.00016 U
Toluene	0.7	100	0.00044 U	0.00037 J	0.00027 U	0.00025 U	0.00026 U
Trans-1,2-Dichloroethene	0.19	100	0.00047 U	0.00035 U	0.00029 U	0.00026 U	0.00028 U
Trans-1,3-Dichloropropene	NS	NS	0.00051 U	0.00038 U	0.00031 U	0.00028 U	0.0003 U
Trichloroethylene (TCE)	0.47	21	0.00027 U	0.0002 U	0.00017 U	0.00015 U	0.00016 U
Trichlorofluoromethane	NS	NS	0.00077 U	0.00057 U	0.00047 U	0.00043 U	0.00045 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00077 U	0.00063 U	0.00057 U	0.00061 U
Xylenes, Mixed	0.26	100	0.0007 U	0.0041	0.00042 U	0.00038 U	0.00041 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 1 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 1 mg/kg	EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 1 mg/kg	EP-44_15_20200106 460-200126-3 1/6/2020 2:30:00 PM 1 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00024 U	0.00026 U	0.00027 U	0.00032 U	0.00023 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00022 U	0.00024 U	0.00025 U	0.00029 U	0.00021 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00032 U	0.00033 U	0.00035 U	0.00041 U	0.0003 U
1,1,2-Trichloroethane	NS	NS	0.00019 U	0.0002 U	0.00021 U	0.00025 U	0.00018 U
1,1-Dichloroethane	0.27	26	0.00022 U	0.00023 U	0.00024 U	0.00028 U	0.00021 U
1,1-Dichloroethene	0.33	100	0.00024 U	0.00025 U	0.00026 U	0.00031 U	0.00023 U
1,2,3-Trichlorobenzene	NS	NS	0.00019 U	0.0002 U	0.00021 U	0.00025 U	0.00018 U
1,2,4-Trichlorobenzene	NS	NS	0.00037 U	0.00039 U	0.00042 U	0.00049 U	0.00036 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00048 U	0.00051 U	0.00054 U	0.00063 U	0.00046 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00019 U	0.0002 U	0.00021 U	0.00025 U	0.00018 U
1,2-Dichlorobenzene	1.1	100	0.00015 U	0.00016 U	0.00017 U	0.0002 U	0.00014 U
1,2-Dichloroethane	0.02	3.1	0.00031 U	0.00033 U	0.00034 U	0.00041 U	0.0003 U
1,2-Dichloropropane	NS	NS	0.00044 U	0.00047 U	0.00049 U	0.00058 U	0.00042 U
1,3-Dichlorobenzene	2.4	49	0.00017 U	0.00017 U	0.00019 U	0.00022 U	0.00016 U
1,4-Dichlorobenzene	1.8	13	0.00024 U	0.00025 U	0.00026 U	0.00031 U	0.00023 U
2-Hexanone	NS	NS	0.0018 U	0.0019 U	0.002 U	0.0024 U	0.0017 U
Acetone	0.05	100	0.006 U	0.0063 U	0.0054	0.0055	0.0026
Benzene	0.06	4.8	0.00027 U	0.00028 U	0.00028 U	0.00021	0.00023
Bromochloromethane	NS	NS	0.00029 U	0.00031 U	0.00033 U	0.00039 U	0.00028 U
Bromodichloromethane	NS	NS	0.00027 U	0.00028 U	0.0003 U	0.00035 U	0.00026 U
Bromoform	NS	NS	0.00044 U	0.00047 U	0.00049 U	0.00059 U	0.00043 U
Bromomethane	NS	NS	0.0005 U	0.00052 U	0.00055 U	0.00065 U	0.00048 U
Carbon Disulfide	NS	NS	0.00045 J	0.00059 J	0.00032 J	0.00037 U	0.00043 J
Carbon Tetrachloride	0.76	2.4	0.00041 U	0.00043 U	0.00045 U	0.00053 U	0.00039 U
Chlorobenzene	1.1	100	0.00019 U	0.00019 U	0.00021 U	0.00024 U	0.00018 U
Chloroethane	NS	NS	0.00055 U	0.00057 U	0.00061 U	0.00072 U	0.00052 U
Chloroform	0.37	49	0.00033 U	0.00035 U	0.00037 U	0.00044 U	0.00032 U
Chloromethane	NS	NS	0.00046 U	0.00048 U	0.00051 U	0.0006 U	0.00044 U
Cis-1,2-Dichloroethylene	0.25	100	0.00016 U	0.00017 U	0.00018 U	0.00021 U	0.00015 U
Cis-1,3-Dichloropropene	NS	NS	0.00029 U	0.0003 U	0.00032 U	0.00038 U	0.00027 U
Cyclohexane	NS	NS	0.00023 U	0.00024 U	0.00032 U	0.00032 U	0.00027 U
Dibromochloromethane	NS	NS	0.0002 U	0.00021 U	0.00023 U	0.00027 U	0.00019 U
Dichlorodifluoromethane	NS	NS	0.00035 U	0.00037 U	0.00039 U	0.00047 U	0.00034 U
Ethylbenzene	1	41	0.00021 U	0.00022 U	0.00023 U	0.00023 U	0.0002 U
Isopropylbenzene (Cumene)	NS	NS	0.00013 U	0.00014 U	0.00014 U	0.00014 U	0.00017 U
M,P-Xylenes	NS	NS	0.00018 U	0.00019 U	0.00019 U	0.00019 U	0.00019 U
Methyl Acetate	NS	NS	0.00045 U	0.00047 U	0.00047 U	0.00047 U	0.00043 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.00028 U	0.00028 U	0.00028 U	0.00028 U	0.00027 U
Methyl Isobutyl Ketone	NS	NS	0.00016 U	0.00017 U	0.00017 U	0.00017 U	0.00016 U
Methylcyclohexane	NS	NS	0.00052 U	0.00055 U	0.00057 U	0.00057 U	0.00052 U
Methylene Chloride	0.05	100	0.00049 U	0.00051 U	0.00054 U	0.00064 U	0.00047 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0002 U	0.00021 U	0.00023 U	0.00023 U	0.00023 U
Styrene	NS	NS	0.00029 U	0.00031 U	0.00032 U	0.00038 U	0.00028 U
Tert-Butyl Methyl Ether	0.93	100	0.00013 U	0.00014 U	0.00014 U	0.00014 U	0.00013 U
Tetrachloroethylene (PCE)	1.3	19	0.00015 U	0.00016 U	0.00017 U	0.00017 U	0.00014 U
Toluene	0.7	100	0.00024 U	0.00026 U	0.00026 U	0.00026 U	0.00024 U
Trans-1,2-Dichloroethene	0.19	100	0.00026 U	0.00027 U	0.00029 U	0.00034 U	0.00025 U
Trans-1,3-Dichloropropene	NS	NS	0.00028 U	0.00029 U	0.00031 U	0.00037 U	0.00027 U
Trichloroethylene (TCE)	0.47	21	0.00015 U	0.00016 U	0.00017 U	0.00017 U	0.00014 U
Trichlorofluoromethane	NS	NS	0.00042 U	0.00045 U	0.00047 U	0.00056 U	0.00041 U
Vinyl Chloride	0.02	0.9	0.00057 U	0.0006 U	0.00064 U	0.00075 U	0.00055 U
Xylenes, Mixed	0.26	100	0.00038 U	0.0004 U	0.0004 U	0.0004 U	0.00038 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 1 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 1 mg/kg	EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 1 mg/kg	EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 1 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00031 U	0.00056 U	0.00025 U	0.00025 U	0.00025 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00028 U	0.00051 U	0.00023 U	0.00023 U	0.00023 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0004 U	0.00072 U	0.00032 U	0.00033 U	0.00032 U
1,1,2-Trichloroethane	NS	NS	0.00024 U	0.00043 U	0.00019 U	0.00019 U	0.00019 U
1,1-Dichloroethane	0.27	26	0.00027 U	0.00049 U	0.00022 U	0.00022 U	0.00022 U
1,1-Dichloroethene	0.33	100	0.0003 U	0.00054 U	0.00024 U	0.00024 U	0.00024 U
1,2,3-Trichlorobenzene	NS	NS	0.00024 U	0.00043 U	0.00019 U	0.0002 U	0.00019 U
1,2,4-Trichlorobenzene	NS	NS	0.00048 U	0.00085 U	0.00038 U	0.00039 U	0.00038 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00061 U	0.0011 U	0.00049 U	0.0005 U	0.00048 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00024 U	0.00043 U	0.00019 U	0.0002 U	0.00019 U
1,2-Dichlorobenzene	1.1	100	0.00019 U	0.00034 U	0.00015 U	0.00016 U	0.00015 U
1,2-Dichloroethane	0.02	3.1	0.00039 U	0.00071 U	0.00031 U	0.00032 U	0.00031 U
1,2-Dichloropropane	NS	NS	0.00056 U	0.001 U	0.00045 U	0.00046 U	0.00045 U
1,3-Dichlorobenzene	2.4	49	0.00021 U	0.00038 U	0.00017 U	0.00017 U	0.00017 U
1,4-Dichlorobenzene	1.8	13	0.0003 U	0.00054 U	0.00024 U	0.00024 U	0.00024 U
2-Hexanone	NS	NS	0.0023 U	0.0041 U	0.0018 U	0.0019 U	0.0018 U
Acetone	0.05	100	0.043	0.13	0.02	0.023	0.006 U
Benzene	0.06	4.8	0.00043 J	0.004	0.00027 U	0.00028 U	0.00027 U
Bromochloromethane	NS	NS	0.00037 U	0.00067 U	0.0003 U	0.00031 U	0.0003 U
Bromodichloromethane	NS	NS	0.00034 U	0.00061 U	0.00027 U	0.00028 U	0.00027 U
Bromoform	NS	NS	0.00057 UJ	0.001 U	0.00045 U	0.00046 U	0.00045 U
Bromomethane	NS	NS	0.00063 U	0.0011 U	0.0005 U	0.00051 U	0.0005 U
Carbon Disulfide	NS	NS	0.00068 J	0.0019 J	0.00062 J	0.0006 J	0.0007 J
Carbon Tetrachloride	0.76	2.4	0.00051 U	0.00092 U	0.00041 U	0.00042 U	0.00041 U
Chlorobenzene	1.1	100	0.00024 U	0.00042 U	0.00019 U	0.00019 U	0.00019 U
Chloroethane	NS	NS	0.00069 U	0.0012 U	0.00055 U	0.00057 U	0.00055 U
Chloroform	0.37	49	0.00042 U	0.00076 U	0.00034 U	0.00035 U	0.00034 U
Chloromethane	NS	NS	0.00058 U	0.001 U	0.00046 U	0.00047 U	0.00046 U
Cis-1,2-Dichloroethylene	0.25	100	0.0002 U	0.00068 J	0.00016 U	0.00017 U	0.00016 U
Cis-1,3-Dichloropropene	NS	NS	0.00036 U	0.00065 U	0.00029 U	0.0003 U	0.00029 U
Cyclohexane	NS	NS	0.0018	0.00053 U	0.00023 U	0.00024 U	0.00023 U
Dibromochloromethane	NS	NS	0.00026 U	0.00046 U	0.00021 U	0.00021 U	0.0002 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00081 U	0.00036 U	0.00037 U	0.00036 U
Ethylbenzene	1	41	0.00061 J	0.03	0.00021 U	0.00022 U	0.00021 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 J	0.032	0.00013 U	0.00014 U	0.00013 U
M,P-Xylenes	NS	NS	0.00023 U	0.019	0.00018 U	0.00019 U	0.00018 U
Methyl Acetate	NS	NS	0.0057 U	0.01 U	0.0046 U	0.0047 U	0.0045 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0036 U	0.019	0.0029 U	0.0032 J	0.0029 U
Methyl Isobutyl Ketone	NS	NS	0.0021 U	0.0037 U	0.0017 U	0.0017 U	0.0016 U
Methylcyclohexane	NS	NS	0.0088	0.0012 U	0.00053 U	0.00054 U	0.00053 U
Methylene Chloride	0.05	100	0.00062 U	0.0014 J	0.00049 U	0.0005 U	0.00049 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0022	0.031	0.00021 U	0.00021 U	0.0002 U
Styrene	NS	NS	0.00037 U	0.00066 U	0.0003 U	0.0003 U	0.00029 U
Tert-Butyl Methyl Ether	0.93	100	0.00039 J	0.029	0.00013 U	0.00014 U	0.00013 U
Tetrachloroethylene (PCE)	1.3	19	0.00019 U	0.00034 U	0.00015 U	0.00016 U	0.00015 U
Toluene	0.7	100	0.00042 J	0.0026	0.00025 U	0.00025 U	0.00025 U
Trans-1,2-Dichloroethene	0.19	100	0.00033 U	0.00059 U	0.00026 U	0.00027 U	0.00026 U
Trans-1,3-Dichloropropene	NS	NS	0.00035 U	0.00064 U	0.00028 U	0.00029 U	0.00028 U
Trichloroethylene (TCE)	0.47	21	0.00019 U	0.00034 U	0.00015 U	0.00016 U	0.00015 U
Trichlorofluoromethane	NS	NS	0.00054 U	0.00097 U	0.00043 U	0.00044 U	0.00043 U
Vinyl Chloride	0.02	0.9	0.00073 U	0.0013 U	0.00058 U	0.00059 U	0.00058 U
Xylenes, Mixed	0.26	100	0.0022	0.05	0.00039 U	0.0004 U	0.00038 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L	FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 1 µg/L	FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 1 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	0.37 U	0.37 U	0.37 U	0.37 UJ	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 UJ	0.36 U
1,2,4-Trichlorobenzene	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	2.4	49	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Hexanone	NS	NS	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	0.05	100	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	0.06	4.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	NS	NS	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Bromodichloromethane	NS	NS	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 UJ
Bromoform	NS	NS	0.54 UJ	0.54 UJ	0.54 U	0.54 U	0.54 UJ
Bromomethane	NS	NS	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Carbon Disulfide	NS	NS	0.82 U	0.82 U	1.6	0.82 U	0.82 U
Carbon Tetrachloride	0.76	2.4	0.21 UJ	0.21 U	0.21 U	0.21 U	0.21 UJ
Chlorobenzene	1.1	100	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	0.37	49	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Cyclohexane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Dibromochloromethane	NS	NS	0.28 UJ	0.28 U	0.28 U	0.28 U	0.28 UJ
Dichlorodifluoromethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	1	41	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
M,P-Xylenes	NS	NS	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Methyl Acetate	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Methyl Isobutyl Ketone	NS	NS	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Methylene Chloride	0.05	100	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Styrene	NS	NS	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	0.93	100	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Toluene	0.7	100	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Xylenes, Mixed	0.26	100	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 1 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 1 µg/L	TB_20191023 460-194740-5 10/23/2019 1:30:00 PM 1 µg/L	TB_20191125 460-197518-7 11/25/2019 2:40:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.37 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.36 UJ
1,2,4-Trichlorobenzene	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	0.35 U	0.35 U	0.35 UJ	0.35 U	0.35 U
1,3-Dichlorobenzene	2.4	49	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Hexanone	NS	NS	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	0.05	100	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	0.06	4.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	NS	NS	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Bromodichloromethane	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bromoform	NS	NS	0.54 UJ	0.54 U	0.54 UJ	0.54 U	0.54 U
Bromomethane	NS	NS	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Carbon Disulfide	NS	NS	0.82 U	0.82 U	0.82 U	0.98 J	0.82 U
Carbon Tetrachloride	0.76	2.4	0.21 U	0.21 U	0.21 UJ	0.21 U	0.21 U
Chlorobenzene	1.1	100	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	0.37	49	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Cyclohexane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Dibromochloromethane	NS	NS	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Dichlorodifluoromethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	1	41	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
M,P-Xylenes	NS	NS	0.3 U	0.3 U	0.3 U	0.66 J	0.3 U
Methyl Acetate	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Methyl Isobutyl Ketone	NS	NS	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Methylene Chloride	0.05	100	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Styrene	NS	NS	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	0.93	100	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Toluene	0.7	100	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	0.24 U	0.24 U	0.24 UJ	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Xylenes, Mixed	0.26	100	0.66 U	0.66 U	0.66 U	0.66 J	0.66 U

Table 10a
West 29th Street
601 West 29th Street
New York, New York

Track 1: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			TB_20200103 460-200051-11 1/3/2020 2:05:00 PM 1 µg/L	TB_20200113 460-200645-9 1/13/2020 1:35:00 PM 1 µg/L	TB_20200130 460-201980-9 1/30/2020 12:50:00 PM 1 µg/L	TB_20200316 460-205164-5 3/16/2020 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	0.43 U	0.43 U	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	0.43 U	0.43 U	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	0.35 U	0.35 U	0.35 U	0.35 U
1,3-Dichlorobenzene	2.4	49	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	0.33 U	0.33 U	0.33 U	0.33 U
2-Hexanone	NS	NS	1.1 U	1.1 U	1.1 U	1.1 U
Acetone	0.05	100	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	0.06	4.8	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	NS	NS	0.41 U	0.41 U	0.41 U	0.41 U
Bromodichloromethane	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U
Bromoform	NS	NS	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	NS	NS	0.55 U	0.55 U	0.55 U	0.55 U
Carbon Disulfide	NS	NS	0.82 U	0.82 U	0.82 U	0.82 U
Carbon Tetrachloride	0.76	2.4	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	1.1	100	0.38 U	0.38 U	0.38 U	0.38 U
Chloroethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U
Chloroform	0.37	49	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	NS	NS	0.4 U	0.4 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	0.22 U	0.22 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	0.22 U	0.22 U	0.22 U	0.22 U
Cyclohexane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U
Dibromochloromethane	NS	NS	0.28 U	0.28 U	0.28 U	0.28 U
Dichlorodifluoromethane	NS	NS	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	1	41	0.3 U	0.3 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.34 U	0.34 U	0.34 U	0.34 U
M,P-Xylenes	NS	NS	0.3 U	0.3 U	1.3	0.3 U
Methyl Acetate	NS	NS	0.79 U	0.79 U	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	1.9 U	1.9 U	1.9 U	1.9 U
Methyl Isobutyl Ketone	NS	NS	1.3 U	1.3 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	0.26 U	0.26 U	0.26 U	0.26 U
Methylene Chloride	0.05	100	0.32 U	0.32 U	0.37 J	0.32 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.36 U	0.36 U	0.36 U	0.36 U
Styrene	NS	NS	0.42 U	0.42 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	0.93	100	0.47 U	0.47 U	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	0.25 U	0.25 U	0.25 U	0.25 U
Toluene	0.7	100	0.38 U	0.38 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	0.24 U	0.24 U	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	0.49 U	0.49 U	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	0.31 U	0.31 U	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	0.17 U	0.17 U	0.17 U	0.17 U
Xylenes, Mixed	0.26	100	0.66 U	0.66 U	1.3	0.66 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 1 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 1 mg/kg	EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 1 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.03 U	0.039 J	0.027 U	0.029 U
Acenaphthylene	100	100	0.0043 UJ	0.073 J	0.0039 U	0.018 J
Anthracene	100	100	0.031 JL	0.091 J	0.0042 U	0.038 J
Benzo(a)Anthracene	1	1	0.067 JL	0.098 J	0.022 JL	0.097
Benzo(a)Pyrene	1	1	0.048 JL	0.063 J	0.013 JL	0.072
Benzo(b)Fluoranthene	1	1	0.062 JL	0.076 J	0.014 JL	0.083
Benzo(g,h,i)Perylene	100	100	0.027 J	0.028 J	0.011 U	0.035 J
Benzo(k)Fluoranthene	0.8	3.9	0.03 JL	0.036 J	0.01 JL	0.038 J
Chrysene	1	3.9	0.062 J	0.089 J	0.018 JL	0.091 J
Dibenz(a,h)Anthracene	0.33	0.33	0.018 U	0.016 U	0.016 U	0.017 U
Fluoranthene	100	100	0.12 J	0.23 J	0.036 JL	0.19 J
Fluorene	30	100	0.017 JL	0.08 J	0.0051 U	0.0055 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.032 J	0.038 J	0.015 U	0.046
Naphthalene	12	100	0.027 JL	0.16 J	0.011 JL	0.021 J
Phenanthrene	100	100	0.074 JL	0.28 J	0.024 JL	0.11 J
Pyrene	100	100	0.11 J	0.17 J	0.029 JL	0.16 J

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-16_15_20191030 460-195277-1 10/30/2019 1 mg/kg	EP-17_15_20191029 460-195164-1 10/29/2019 1 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 1 mg/kg	EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.028 U	0.029 J	0.027 U	0.27 J
Acenaphthylene	100	100	0.004 U	0.037 J	0.0038 U	0.43 JL
Anthracene	100	100	0.012 U	0.086 J	0.011 U	1.4
Benzo(a)Anthracene	1	1	0.013 U	0.26	0.024 J	2.5
Benzo(a)Pyrene	1	1	0.01 U	0.21	0.017 J	1.8
Benzo(b)Fluoranthene	1	1	0.01 U	0.25	0.02 J	2.3
Benzo(g,h,i)Perylene	100	100	0.011 U	0.12 J	0.011 U	0.69
Benzo(k)Fluoranthene	0.8	3.9	0.0076 U	0.11	0.0086 J	0.87
Chrysene	1	3.9	0.0065 U	0.27 J	0.017 J	2.3
Dibenz(a,h)Anthracene	0.33	0.33	0.017 U	0.024 J	0.016 U	0.24
Fluoranthene	100	100	0.013 U	0.53	0.032 J	5.1
Fluorene	30	100	0.0052 U	0.041 J	0.005 U	0.71 JL
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.015 U	0.15	0.014 U	0.91
Naphthalene	12	100	0.0067 U	0.049 J	0.0064 U	0.29 J
Phenanthrene	100	100	0.0068 U	0.32 J	0.022 J	4.8
Pyrene	100	100	0.0096 U	0.48	0.032 J	4.5

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_15_20191113 460-196444-1 11/13/2019 1 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 1 mg/kg	EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 1 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.076 J	0.47	0.04 U	0.037 UJ
Acenaphthylene	100	100	0.07 J	0.96 J	0.0056 U	0.0053 U
Anthracene	100	100	0.28 J	2.4	0.017 U	0.016 U
Benzo(a)Anthracene	1	1	0.68	2.9	0.024 J	0.031 J
Benzo(a)Pyrene	1	1	0.56	2.1	0.015 UJ	0.017 J
Benzo(b)Fluoranthene	1	1	0.71	2.5	0.014 U	0.027 J
Benzo(g,h,i)Perylene	100	100	0.29 J	0.82	0.016 U	0.015 U
Benzo(k)Fluoranthene	0.8	3.9	0.29	0.95	0.011 U	0.01 U
Chrysene	1	3.9	0.68	2.7	0.02 J	0.035 J
Dibenz(a,h)Anthracene	0.33	0.33	0.09	0.32	0.024 U	0.022 U
Fluoranthene	100	100	1.4	6.3	0.025 J	0.035 J
Fluorene	30	100	0.12 J	1.6 J	0.0074 U	0.007 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.33	1.1	0.021 U	0.02 U
Naphthalene	12	100	0.067 J	0.38 J	0.033 J	0.02 J
Phenanthrene	100	100	1.2	7.6	0.044 J	0.079 J
Pyrene	100	100	1.4	5.6	0.029 J	0.048 J

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 1 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 1 mg/kg	EP-21_12_20191113 460-196444-2 11/13/2019 1 mg/kg	EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.027 U	0.067 J	0.03 U	0.027 UJ
Acenaphthylene	100	100	0.0039 U	0.089 J	0.0042 U	0.0039 UJ
Anthracene	100	100	0.011 U	0.25 J	0.012 U	0.011 UJ
Benzo(a)Anthracene	1	1	0.013 U	0.62	0.061	0.013 UJ
Benzo(a)Pyrene	1	1	0.01 U	0.5	0.045	0.01 UJ
Benzo(b)Fluoranthene	1	1	0.0098 U	0.6	0.055	0.0097 UJ
Benzo(g,h,i)Perylene	100	100	0.011 U	0.27 J	0.022 J	0.011 U
Benzo(k)Fluoranthene	0.8	3.9	0.0074 U	0.27	0.022 J	0.0073 UJ
Chrysene	1	3.9	0.0064 U	0.62	0.053 J	0.0063 UJ
Dibenz(a,h)Anthracene	0.33	0.33	0.016 U	0.074	0.018 U	0.016 UJ
Fluoranthene	100	100	0.013 U	1.2	0.11 J	0.013 UJ
Fluorene	30	100	0.0051 U	0.12 J	0.0055 U	0.0051 UJ
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.015 U	0.31	0.029 J	0.015 U
Naphthalene	12	100	0.0065 U	0.13 J	0.007 U	0.0065 UJ
Phenanthrene	100	100	0.0066 U	0.85	0.073 J	0.0066 UJ
Pyrene	100	100	0.0094 U	1.1	0.1 J	0.0093 UJ

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 1 mg/kg	EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 1 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 1 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.027 U	0.027 U	0.027 U	0.1 J
Acenaphthylene	100	100	0.0038 U	0.016 J	0.0039 U	0.017 J
Anthracene	100	100	0.011 U	0.041 J	0.011 U	0.12 J
Benzo(a)Anthracene	1	1	0.013 U	0.082 J	0.013 U	0.23
Benzo(a)Pyrene	1	1	0.0099 U	0.048 J	0.01 U	0.17
Benzo(b)Fluoranthene	1	1	0.0096 U	0.062 J	0.0097 U	0.24
Benzo(g,h,i)Perylene	100	100	0.011 U	0.025 J	0.011 U	0.099 J
Benzo(k)Fluoranthene	0.8	3.9	0.0073 U	0.028 J	0.0074 U	0.097
Chrysene	1	3.9	0.0063 U	0.074 J	0.0064 U	0.22 J
Dibenz(a,h)Anthracene	0.33	0.33	0.016 U	0.016 U	0.016 U	0.029 J
Fluoranthene	100	100	0.013 U	0.16 J	0.013 U	0.5
Fluorene	30	100	0.005 U	0.022 J	0.0051 U	0.081 J
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.014 U	0.029 J	0.015 U	0.11
Naphthalene	12	100	0.0064 U	0.015 J	0.0065 U	0.1 J
Phenanthrene	100	100	0.0065 U	0.17 J	0.0066 U	0.51
Pyrene	100	100	0.0092 U	0.15 J	0.0093 U	0.49

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 1 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 1 mg/kg	EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 1 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.071 J	0.028 U	0.033 U	0.031 U
Acenaphthylene	100	100	0.015 J	0.0039 U	0.0047 U	0.0045 U
Anthracene	100	100	0.077 J	0.012 U	0.014 U	0.013 U
Benzo(a)Anthracene	1	1	0.097	0.013 U	0.025 J	0.015 U
Benzo(a)Pyrene	1	1	0.064	0.01 U	0.015 J	0.012 U
Benzo(b)Fluoranthene	1	1	0.078	0.0098 U	0.017 J	0.011 U
Benzo(g,h,i)Perylene	100	100	0.034 J	0.011 U	0.013 U	0.013 U
Benzo(k)Fluoranthene	0.8	3.9	0.034 J	0.0074 U	0.0089 U	0.0085 U
Chrysene	1	3.9	0.099 J	0.0064 U	0.024 J	0.0073 U
Dibenz(a,h)Anthracene	0.33	0.33	0.019 U	0.016 U	0.02 U	0.019 U
Fluoranthene	100	100	0.23 J	0.013 U	0.042 J	0.015 U
Fluorene	30	100	0.06 J	0.0051 U	0.0062 U	0.0059 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.036 J	0.015 U	0.018 U	0.017 U
Naphthalene	12	100	0.081 J	0.0065 U	0.054 J	0.0075 U
Phenanthrene	100	100	0.49	0.026 J	0.072 J	0.0076 U
Pyrene	100	100	0.23 J	0.0094 U	0.042 J	0.011 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 1 mg/kg	EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 1 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 1 mg/kg	EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.027 U	0.18 J	0.027 UJ	0.16 J
Acenaphthylene	100	100	0.0038 U	0.018 J	0.0038 UJ	0.059 J
Anthracene	100	100	0.023 J	0.11 J	0.011 UJ	0.28 J
Benzo(a)Anthracene	1	1	0.078	0.071	0.013 UJ	1.2
Benzo(a)Pyrene	1	1	0.063	0.036 J	0.0097 UJ	1.2
Benzo(b)Fluoranthene	1	1	0.084	0.042 J	0.0095 UJ	1.5
Benzo(g,h,i)Perylene	100	100	0.039 J	0.016 U	0.011 U	0.62
Benzo(k)Fluoranthene	0.8	3.9	0.03 J	0.013 J	0.0072 UJ	0.6
Chrysene	1	3.9	0.07 J	0.075 J	0.0062 UJ	1.3
Dibenz(a,h)Anthracene	0.33	0.33	0.016 U	0.023 U	0.016 U	0.19
Fluoranthene	100	100	0.15 J	0.093 J	0.013 UJ	2.3
Fluorene	30	100	0.011 J	0.098 J	0.005 UJ	0.14 J
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.042	0.021 U	0.014 U	0.73
Naphthalene	12	100	0.013 J	2	0.0063 UJ	0.16 J
Phenanthrene	100	100	0.1 J	0.81	0.0064 UJ	1.9
Pyrene	100	100	0.16 J	0.16 J	0.0091 U	2.7

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 1 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 1 mg/kg	EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 1 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.13 J	0.34 J	2.6	3.1
Acenaphthylene	100	100	0.0043 U	0.015 J	0.069 J	0.079 J
Anthracene	100	100	0.18 J	0.24 J	1.4	1.3
Benzo(a)Anthracene	1	1	0.088	0.58	0.68	1.1
Benzo(a)Pyrene	1	1	0.05	0.16	0.25	0.29
Benzo(b)Fluoranthene	1	1	0.071	0.28	0.37	0.52
Benzo(g,h,i)Perylene	100	100	0.03 J	0.047 J	0.12 J	0.071 J
Benzo(k)Fluoranthene	0.8	3.9	0.028 J	0.095	0.14	0.17
Chrysene	1	3.9	0.088 J	0.47	0.67	0.8
Dibenz(a,h)Anthracene	0.33	0.33	0.018 U	0.021 J	0.035 J	0.032 J
Fluoranthene	100	100	0.27 J	2.8	4.2	6.1
Fluorene	30	100	0.12 J	0.53	2.6	1.9
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.033 J	0.064	0.14	0.1
Naphthalene	12	100	0.078 J	0.038 J	4.8	1.5
Phenanthrene	100	100	0.46	3.6	9.3	7.1
Pyrene	100	100	0.29 J	2.2	3.7	5

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 1 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 1 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 1 mg/kg	EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.58	0.3 J	0.027 U	0.12 JL
Acenaphthylene	100	100	0.22 J	0.025 J	0.0038 U	0.0041 U
Anthracene	100	100	0.65	0.24 J	0.011 U	0.08 JL
Benzo(a)Anthracene	1	1	0.16	0.43	0.021 J	0.16 JL
Benzo(a)Pyrene	1	1	0.057	0.32	0.013 J	0.1 JL
Benzo(b)Fluoranthene	1	1	0.06	0.43	0.017 J	0.14 JL
Benzo(g,h,i)Perylene	100	100	0.017 J	0.15 J	0.011 U	0.059 JL
Benzo(k)Fluoranthene	0.8	3.9	0.026 J	0.16	0.0072 J	0.056 JL
Chrysene	1	3.9	0.18 J	0.44	0.022 J	0.15 JL
Dibenz(a,h)Anthracene	0.33	0.33	0.016 U	0.052	0.016 U	0.019 JL
Fluoranthene	100	100	0.6	1.2	0.032 J	0.4 JK
Fluorene	30	100	0.45	0.18 J	0.005 U	0.039 JL
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.021 J	0.18	0.014 U	0.059
Naphthalene	12	100	0.89	0.23 J	0.0063 U	0.069 JL
Phenanthrene	100	100	5.4	1	0.045 J	0.31 JK
Pyrene	100	100	0.67	1.3	0.043 J	0.38 JK

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 1 mg/kg	EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 1 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 1 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.026 U	0.027 U	0.76	0.15 J
Acenaphthylene	100	100	0.0037 U	0.0038 U	0.045 J	0.079 J
Anthracene	100	100	0.011 U	0.011 U	0.47	0.35 J
Benzo(a)Anthracene	1	1	0.043	0.013 U	0.43	0.39
Benzo(a)Pyrene	1	1	0.029 J	0.0099 U	0.24	0.31
Benzo(b)Fluoranthene	1	1	0.033 J	0.0096 U	0.34	0.36
Benzo(g,h,i)Perylene	100	100	0.021 J	0.011 U	0.16 J	0.15 J
Benzo(k)Fluoranthene	0.8	3.9	0.011 J	0.0073 U	0.13	0.18
Chrysene	1	3.9	0.038 J	0.0063 U	0.49	0.39 J
Dibenz(a,h)Anthracene	0.33	0.33	0.016 UJ	0.016 U	0.037 J	0.049
Fluoranthene	100	100	0.1 J	0.013 U	1.6	0.75
Fluorene	30	100	0.012 J	0.021 J	0.68	0.21 J
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.022 J	0.014 U	0.17	0.18
Naphthalene	12	100	0.087 J	0.0064 U	1.5	0.2 J
Phenanthrene	100	100	0.059 J	0.059 J	2.7	0.97
Pyrene	100	100	0.11 J	0.0092 U	1.5	0.89

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 2 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 1 mg/kg	EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 1 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	2.1	0.64	0.027 U	0.027 U
Acenaphthylene	100	100	0.51 J	0.1 J	0.0039 U	0.0038 U
Anthracene	100	100	2.9	0.62	0.011 U	0.011 U
Benzo(a)Anthracene	1	1	1.4	0.45	0.013 U	0.013 U
Benzo(a)Pyrene	1	1	0.66	0.21	0.0099 U	0.0098 U
Benzo(b)Fluoranthene	1	1	0.65	0.23	0.0097 U	0.0095 U
Benzo(g,h,i)Perylene	100	100	0.13 J	0.065 J	0.011 U	0.011 U
Benzo(k)Fluoranthene	0.8	3.9	0.24	0.087	0.0073 U	0.0072 U
Chrysene	1	3.9	1.9	0.53	0.0063 U	0.0062 U
Dibenz(a,h)Anthracene	0.33	0.33	0.12	0.049	0.016 U	0.016 U
Fluoranthene	100	100	2.4	0.98	0.013 U	0.013 U
Fluorene	30	100	1.5	0.39 J	0.0051 U	0.005 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.17	0.083	0.015 U	0.014 U
Naphthalene	12	100	1.9	1	0.0065 U	0.0064 U
Phenanthrene	100	100	23	4.1	0.0066 U	0.0065 U
Pyrene	100	100	4.4	1.4	0.0093 U	0.0092 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 1 mg/kg	EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 1 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 1 mg/kg	EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.026 U	0.026 U	0.026 U	0.028 U
Acenaphthylene	100	100	0.0037 U	0.0037 U	0.0037 U	0.0039 U
Anthracene	100	100	0.011 U	0.011 U	0.011 U	0.012 U
Benzo(a)Anthracene	1	1	0.012 U	0.036	0.031 J	0.013 U
Benzo(a)Pyrene	1	1	0.0094 U	0.021 J	0.024 J	0.01 U
Benzo(b)Fluoranthene	1	1	0.0092 U	0.032 J	0.032 J	0.0098 U
Benzo(g,h,i)Perylene	100	100	0.01 U	0.019 J	0.02 J	0.011 U
Benzo(k)Fluoranthene	0.8	3.9	0.0069 U	0.012 J	0.012 J	0.0074 U
Chrysene	1	3.9	0.006 U	0.035 J	0.029 J	0.0064 U
Dibenz(a,h)Anthracene	0.33	0.33	0.015 U	0.016 UJ	0.016 UJ	0.016 U
Fluoranthene	100	100	0.012 U	0.083 J	0.07 J	0.013 U
Fluorene	30	100	0.0048 U	0.012 J	0.015 J	0.0051 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.014 U	0.019 J	0.02 J	0.015 U
Naphthalene	12	100	0.0061 U	0.082 J	0.11 J	0.0065 U
Phenanthrene	100	100	0.0062 U	0.066 J	0.056 J	0.0066 U
Pyrene	100	100	0.0088 U	0.079 J	0.076 J	0.0094 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-44_15_20200106 460-200126-3 1/6/2020 2:30:00 PM 1 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 1 mg/kg	EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 1 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.029 U	0.028 U	0.27 J	1.1
Acenaphthylene	100	100	0.0041 U	0.004 U	0.021 J	0.25 J
Anthracene	100	100	0.012 U	0.012 U	0.16 J	0.53
Benzo(a)Anthracene	1	1	0.023 J	0.013 U	0.24	0.053
Benzo(a)Pyrene	1	1	0.011 U	0.01 U	0.16	0.013 U
Benzo(b)Fluoranthene	1	1	0.011 J	0.0099 U	0.21	0.024 J
Benzo(g,h,i)Perylene	100	100	0.012 U	0.011 U	0.082 J	0.041 J
Benzo(k)Fluoranthene	0.8	3.9	0.0078 U	0.0075 U	0.09	0.0099 U
Chrysene	1	3.9	0.015 J	0.0065 U	0.25 J	0.057 J
Dibenz(a,h)Anthracene	0.33	0.33	0.017 U	0.017 U	0.026 J	0.022 U
Fluoranthene	100	100	0.053 J	0.013 U	0.64	0.25 J
Fluorene	30	100	0.02 J	0.0052 U	0.18 J	0.6
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.016 U	0.015 U	0.094	0.037 J
Naphthalene	12	100	0.063 J	0.0066 U	0.33 J	2.2
Phenanthrene	100	100	0.08 J	0.0067 U	0.9	4.5
Pyrene	100	100	0.051 J	0.0095 U	0.79	0.32 J

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 1 mg/kg	EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 1 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.026 U	0.027 U	0.026 U	1.1 U
Acenaphthylene	100	100	0.0038 U	0.0038 U	0.0037 U	0.82 U
Anthracene	100	100	0.011 U	0.011 U	0.011 U	0.63 U
Benzo(a)Anthracene	1	1	0.013 U	0.013 U	0.038	0.59 U
Benzo(a)Pyrene	1	1	0.0097 U	0.0098 U	0.027 J	0.41 U
Benzo(b)Fluoranthene	1	1	0.0094 U	0.0095 U	0.033 J	0.68 U
Benzo(g,h,i)Perylene	100	100	0.011 U	0.011 U	0.021 J	1.4 UJ
Benzo(k)Fluoranthene	0.8	3.9	0.0071 U	0.0072 U	0.014 J	0.67 U
Chrysene	1	3.9	0.0061 U	0.0062 U	0.034 J	0.91 U
Dibenz(a,h)Anthracene	0.33	0.33	0.016 U	0.016 U	0.016 UJ	0.72 UJ
Fluoranthene	100	100	0.013 U	0.013 U	0.084 J	0.84 U
Fluorene	30	100	0.0049 U	0.005 U	0.013 J	0.91 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.014 U	0.014 U	0.022 J	0.94 U
Naphthalene	12	100	0.0063 U	0.0064 U	0.089 J	1.1 U
Phenanthrene	100	100	0.0064 U	0.0065 U	0.053 J	0.58 U
Pyrene	100	100	0.009 U	0.0092 U	0.085 J	1.6 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 1 µg/L	FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 1 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	1.1 U	1.1 UJ	1.1 U	1.1 U
Acenaphthylene	100	100	0.82 U	0.82 U	0.82 U	0.82 U
Anthracene	100	100	0.63 U	0.63 U	0.63 U	0.63 U
Benzo(a)Anthracene	1	1	0.59 U	0.59 U	0.59 U	0.59 U
Benzo(a)Pyrene	1	1	0.41 U	0.41 UJ	0.41 U	0.41 U
Benzo(b)Fluoranthene	1	1	0.68 U	1.1 U	0.68 U	0.68 U
Benzo(g,h,i)Perylene	100	100	1.4 U	1.4 UJ	1.4 U	1.4 UJ
Benzo(k)Fluoranthene	0.8	3.9	0.67 U	0.67 U	0.67 U	0.67 U
Chrysene	1	3.9	0.91 U	0.91 U	0.91 U	0.91 U
Dibenz(a,h)Anthracene	0.33	0.33	0.72 UJ	0.72 U	0.72 U	0.72 UJ
Fluoranthene	100	100	0.84 U	0.84 U	0.84 U	0.84 U
Fluorene	30	100	0.91 U	0.91 U	0.91 U	0.91 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.94 U	1.3 U	0.94 U	0.94 U
Naphthalene	12	100	1.1 U	1.1 U	1.1 U	1.1 U
Phenanthrene	100	100	0.58 U	0.58 U	0.58 U	0.58 U
Pyrene	100	100	1.6 U	1.6 U	1.6 U	1.6 U

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Track 1: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 1 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	1.1 U	1.1 U	1.1 U
Acenaphthylene	100	100	0.82 U	0.82 U	0.82 U
Anthracene	100	100	0.63 U	0.63 U	0.63 U
Benzo(a)Anthracene	1	1	0.59 U	0.59 U	0.59 U
Benzo(a)Pyrene	1	1	0.41 U	0.41 UJ	0.41 UJ
Benzo(b)Fluoranthene	1	1	0.68 U	0.68 UJ	0.68 UJ
Benzo(g,h,i)Perylene	100	100	1.4 U	1.4 U	1.4 U
Benzo(k)Fluoranthene	0.8	3.9	0.67 U	0.67 U	0.67 U
Chrysene	1	3.9	0.91 U	0.91 U	0.91 U
Dibenz(a,h)Anthracene	0.33	0.33	0.72 UJ	0.72 U	0.72 U
Fluoranthene	100	100	0.84 U	0.84 U	0.84 U
Fluorene	30	100	0.91 U	0.91 U	0.91 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.94 U	0.94 U	0.94 U
Naphthalene	12	100	1.1 U	1.1 U	1.1 U
Phenanthrene	100	100	0.58 U	0.58 U	0.58 U
Pyrene	100	100	1.6 U	1.6 U	1.6 UJ

Table 10c
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 1 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 1 mg/kg	EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 1 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	0.012 U	0.01 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.012 U	0.01 U	0.01 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.012 U	0.01 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.012 U	0.01 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.012 U	0.01 U	0.01 U	0.011 U

Table 10c
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-16_15_20191030 460-195277-1 10/30/2019 1 mg/kg	EP-17_15_20191029 460-195164-1 10/29/2019 1 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 1 mg/kg	EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.011 U	0.01 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.011 U	0.01 U	0.01 U	0.011 U

Table 10c
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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_15_20191113 460-196444-1 11/13/2019 1 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 1 mg/kg	EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 1 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.01 U	0.015 U	0.014 U
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.01 U	0.015 U	0.014 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.01 U	0.015 U	0.014 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.01 U	0.015 U	0.014 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.01 U	0.015 U	0.014 U
PCB-1254 (Aroclor 1254)	NS	NS	0.011 U	0.011 U	0.015 U	0.014 U
PCB-1260 (Aroclor 1260)	NS	NS	0.011 U	0.011 U	0.015 U	1.4
PCB-1262 (Aroclor 1262)	NS	NS	0.011 U	0.011 U	0.015 U	0.014 U
PCB-1268 (Aroclor 1268)	NS	NS	0.011 U	0.011 U	0.015 U	0.014 U
Total PCBs	0.1	1	0.011 U	0.011 U	0.015 U	1.4

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 1 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 1 mg/kg	EP-21_12_20191113 460-196444-2 11/13/2019 1 mg/kg	EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 UJ
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.01 U	0.011 U	0.01 U
Total PCBs	0.1	1	0.01 U	0.01 U	0.011 U	0.01 U

Table 10c
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 1 mg/kg	EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 1 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 1 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.01 U	0.01 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.01 U	0.01 U	0.072 J
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.01 U	0.01 U	0.01 U	0.072 J

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 1 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 1 mg/kg	EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 1 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.012 U	0.01 U	0.012 U	0.012 U
PCB-1221 (Aroclor 1221)	NS	NS	0.012 U	0.01 U	0.012 U	0.012 U
PCB-1232 (Aroclor 1232)	NS	NS	0.012 U	0.01 U	0.012 U	0.012 U
PCB-1242 (Aroclor 1242)	NS	NS	0.012 U	0.01 U	0.012 U	0.012 U
PCB-1248 (Aroclor 1248)	NS	NS	0.012 U	0.01 U	0.012 U	0.012 U
PCB-1254 (Aroclor 1254)	NS	NS	0.012 U	0.011 U	0.013 U	0.012 U
PCB-1260 (Aroclor 1260)	NS	NS	0.012 U	0.011 U	0.013 U	0.012 U
PCB-1262 (Aroclor 1262)	NS	NS	0.012 U	0.011 U	0.013 U	0.012 U
PCB-1268 (Aroclor 1268)	NS	NS	0.012 U	0.011 U	0.013 U	0.012 U
Total PCBs	0.1	1	0.012 U	0.011 U	0.013 U	0.012 U

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 1 mg/kg	EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 1 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 1 mg/kg	EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.01 U	0.014 U	0.0098 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	0.01 U	0.014 U	0.0098 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	0.01 U	0.014 U	0.0098 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	0.01 U	0.014 U	0.0098 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	0.01 U	0.014 U	0.0098 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.015 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.015 U	0.01 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.015 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.015 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.01 U	0.015 U	0.01 U	0.011 U

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 1 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 1 mg/kg	EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 1 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	0.1	1	0.011 U	0.011 U	0.011 U	0.011 U

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 1 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 1 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 1 mg/kg	EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.0097 U	0.01 U	0.0098 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	0.0097 U	0.01 U	0.0098 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	0.0097 U	0.01 U	0.0098 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	0.0097 U	0.01 U	0.0098 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	0.0097 U	0.01 U	0.0098 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.01 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.01 U	0.01 U	0.01 U	0.011 U

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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 1 mg/kg	EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 1 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 1 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.0097 U	0.01 U	0.011 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	0.0097 U	0.01 U	0.011 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	0.0097 U	0.01 U	0.011 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	0.0097 U	0.01 U	0.011 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	0.0097 U	0.01 U	0.011 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
Total PCBs	0.1	1	0.01 U	0.01 U	0.011 U	0.011 U

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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 1 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 1 mg/kg	EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 1 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.017 U	0.013 U	0.01 U	0.0099 U
PCB-1221 (Aroclor 1221)	NS	NS	0.017 U	0.013 U	0.01 U	0.0099 U
PCB-1232 (Aroclor 1232)	NS	NS	0.017 U	0.013 U	0.01 U	0.0099 U
PCB-1242 (Aroclor 1242)	NS	NS	0.017 U	0.013 U	0.01 U	0.0099 U
PCB-1248 (Aroclor 1248)	NS	NS	0.017 U	0.013 U	0.01 U	0.0099 U
PCB-1254 (Aroclor 1254)	NS	NS	0.017 U	0.013 U	0.01 U	0.01 U
PCB-1260 (Aroclor 1260)	NS	NS	0.017 U	0.013 U	0.01 U	0.01 U
PCB-1262 (Aroclor 1262)	NS	NS	0.017 U	0.013 U	0.01 U	0.01 U
PCB-1268 (Aroclor 1268)	NS	NS	0.017 U	0.013 U	0.01 U	0.01 U
Total PCBs	0.1	1	0.017 U	0.013 U	0.01 U	0.01 U

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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 1 mg/kg	EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 1 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 1 mg/kg	EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.0095 U	0.0097 U	0.0097 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	0.0095 U	0.0097 U	0.0097 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	0.0095 U	0.0097 U	0.0097 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	0.0095 U	0.0097 U	0.0097 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	0.0095 U	0.0097 U	0.0097 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	0.0099 U	0.01 U	0.01 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	0.0099 U	0.01 U	0.01 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	0.0099 U	0.01 U	0.01 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	0.0099 U	0.01 U	0.01 U	0.011 U
Total PCBs	0.1	1	0.0099 U	0.01 U	0.01 U	0.011 U

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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-44_15_20200106 460-200126-3 1/6/2020 2:30:00 PM 1 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 1 mg/kg	EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 1 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.011 U	0.01 U	0.011 U	0.014 U
PCB-1221 (Aroclor 1221)	NS	NS	0.011 U	0.01 U	0.011 U	0.014 U
PCB-1232 (Aroclor 1232)	NS	NS	0.011 U	0.01 U	0.011 U	0.014 U
PCB-1242 (Aroclor 1242)	NS	NS	0.011 U	0.01 U	0.011 U	0.014 U
PCB-1248 (Aroclor 1248)	NS	NS	0.011 U	0.01 U	0.011 U	0.014 U
PCB-1254 (Aroclor 1254)	NS	NS	0.011 U	0.011 U	0.011 U	0.014 U
PCB-1260 (Aroclor 1260)	NS	NS	0.011 U	0.011 U	0.011 U	0.014 U
PCB-1262 (Aroclor 1262)	NS	NS	0.011 U	0.011 U	0.011 U	0.014 U
PCB-1268 (Aroclor 1268)	NS	NS	0.011 U	0.011 U	0.011 U	0.014 U
Total PCBs	0.1	1	0.011 U	0.011 U	0.011 U	0.014 U

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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 1 mg/kg	EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 1 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.0098 U	0.0099 U	0.0097 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	0.0098 U	0.0099 U	0.0097 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	0.0098 U	0.0099 U	0.0097 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	0.0098 U	0.0099 U	0.0097 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	0.0098 U	0.0099 U	0.0097 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	0.01 U	0.01 U	0.01 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	0.01 U	0.01 U	0.01 U	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	0.01 U	0.01 U	0.01 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	0.01 U	0.01 U	0.01 U	0.11 U
Total PCBs	0.1	1	0.01 U	0.01 U	0.01 U	0.12 U

Table 10c
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Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 1 µg/L	FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 1 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	0.12 U	0.12 U	0.12 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	0.11 U	0.11 U	0.11 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	0.11 U	0.11 U	0.11 U	0.11 U
Total PCBs	0.1	1	0.12 U	0.12 U	0.12 U	0.12 U

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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 1 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.12 U	0.12 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	0.12 U	0.12 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	0.12 U	0.12 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	0.12 U	0.12 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	0.12 U	0.12 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	0.11 U	0.11 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	0.11 U	0.11 U	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	0.11 U	0.11 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	0.11 U	0.11 U	0.11 U
Total PCBs	0.1	1	0.12 U	0.12 U	0.12 U

Table 10d
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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 1 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 1 mg/kg	EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 1 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0013 U	0.0011 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00086 U	0.00077 U	0.00078 U	0.00083 U
Alpha Endosulfan	NS	NS	0.0013 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00095 U	0.00085 U	0.00085 U	0.00091 U
Beta Endosulfan	NS	NS	0.0022 U	0.002 U	0.002 U	0.0021 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00052 U	0.00047 U	0.00047 U	0.0005 U
Dieldrin	0.005	0.2	0.0011 U	0.00099 U	0.00099 U	0.0011 U
Endosulfan Sulfate	NS	NS	0.0011 U	0.00095 U	0.00096 U	0.001 U
Endrin	0.014	11	0.0012 U	0.0011 U	0.0011 U	0.0012 U
Endrin Aldehyde	NS	NS	0.002 U	0.0018 U	0.0018 U	0.0019 U
Endrin Ketone	NS	NS	0.0016 U	0.0015 U	0.0015 U	0.0016 U
Gamma Bhc (Lindane)	0.1	1.3	0.00078 U	0.0007 U	0.00071 U	0.00075 U
Heptachlor	0.042	2.1	0.001 U	0.0009 U	0.0009 U	0.00096 U
Heptachlor Epoxide	NS	NS	0.0013 U	0.0011 U	0.0011 U	0.0012 U
Methoxychlor	NS	NS	0.0019 U	0.0017 U	0.0017 U	0.0019 U
P,P'-DDD	0.0033	13	0.0014 U	0.0013 U	0.0013 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.001 U	0.0009 U	0.0009 U	0.00096 U
P,P'-DDT	0.0033	7.9	0.0016 U	0.0014 U	0.0014 U	0.0015 U
Toxaphene	NS	NS	0.031 U	0.028 U	0.028 U	0.029 U

Table 10d
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New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-16_15_20191030 460-195277-1 10/30/2019 1 mg/kg	EP-17_15_20191029 460-195164-1 10/29/2019 1 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 1 mg/kg	EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0011 U	0.0011 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.00076 U	0.00076 U	0.00079 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00088 U	0.00084 U	0.00084 U	0.00087 U
Beta Endosulfan	NS	NS	0.002 U	0.0019 U	0.0019 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00046 U	0.00046 U	0.00047 U
Dieldrin	0.005	0.2	0.001 U	0.00098 U	0.00097 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.00094 U	0.00094 U	0.00097 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0015 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.0007 U	0.00069 U	0.00072 U
Heptachlor	0.042	2.1	0.00092 U	0.00089 U	0.00088 U	0.00091 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0012 U
Methoxychlor	NS	NS	0.0018 U	0.0017 U	0.0017 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.00089 U	0.00088 U	0.00091 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0014 U	0.0014 U	0.0014 U
Toxaphene	NS	NS	0.028 U	0.027 U	0.027 U	0.028 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_15_20191113 460-196444-1 11/13/2019 1 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 1 mg/kg	EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 1 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00078 U	0.0008 U	0.0011 U	0.0011 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0017 U	0.0016 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00087 U	0.00088 U	0.0012 U	0.0012 U
Beta Endosulfan	NS	NS	0.002 U	0.002 U	0.0028 U	0.0027 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00047 U	0.00048 U	0.00068 U	0.00064 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.0014 U	0.0014 U
Endosulfan Sulfate	NS	NS	0.00097 U	0.00098 U	0.0014 U	0.0013 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0016 U	0.0015 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0019 U	0.0026 U	0.0025 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0021 U	0.002 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.00073 U	0.001 U	0.00096 U
Heptachlor	0.042	2.1	0.00091 U	0.00093 U	0.0013 U	0.0012 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0016 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0025 U	0.0024 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0019 U	0.0018 U
P,P'-DDE	0.0033	8.9	0.00091 U	0.00093 U	0.0013 U	0.0012 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0014 U	0.002 U	0.0019 U
Toxaphene	NS	NS	0.028 U	0.028 U	0.04 U	0.038 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 1 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 1 mg/kg	EP-21_12_20191113 460-196444-2 11/13/2019 1 mg/kg	EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0011 U	0.0012 U	0.0011 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00078 U	0.00077 U	0.00083 U	0.00077 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00086 U	0.00085 U	0.00092 U	0.00085 U
Beta Endosulfan	NS	NS	0.002 U	0.0019 U	0.0021 U	0.0019 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00047 U	0.00046 U	0.0005 U	0.00046 U
Dieldrin	0.005	0.2	0.00099 U	0.00098 U	0.0011 U	0.00098 U
Endosulfan Sulfate	NS	NS	0.00096 U	0.00095 U	0.001 U	0.00095 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0018 U	0.0019 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0016 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00071 U	0.0007 U	0.00076 U	0.0007 U
Heptachlor	0.042	2.1	0.0009 U	0.00089 U	0.00097 U	0.00089 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Methoxychlor	NS	NS	0.0017 U	0.0017 U	0.0019 U	0.0017 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0014 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.0009 U	0.00089 U	0.00097 U	0.00089 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0014 U	0.0015 U	0.0014 U
Toxaphene	NS	NS	0.028 U	0.027 U	0.03 U	0.027 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 1 mg/kg	EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 1 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 1 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00076 U	0.00077 U	0.00077 U	0.00079 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00084 U	0.00085 U	0.00085 U	0.00087 U
Beta Endosulfan	NS	NS	0.0019 U	0.0019 U	0.002 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00046 U	0.00046 U	0.00047 U	0.00048 U
Dieldrin	0.005	0.2	0.00097 U	0.00098 U	0.00099 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00094 U	0.00095 U	0.00095 U	0.00098 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0015 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00069 U	0.0007 U	0.0007 U	0.00072 U
Heptachlor	0.042	2.1	0.00088 U	0.00089 U	0.0009 U	0.00092 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Methoxychlor	NS	NS	0.0017 U	0.0017 U	0.0017 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00088 U	0.00089 U	0.0009 U	0.00092 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0014 U	0.0014 U	0.0014 U
Toxaphene	NS	NS	0.027 U	0.027 U	0.027 U	0.028 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 1 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 1 mg/kg	EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 1 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0013 U	0.0012 U	0.0014 U	0.0013 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00089 U	0.00078 U	0.00093 U	0.00089 U
Alpha Endosulfan	NS	NS	0.0013 U	0.0012 U	0.0014 U	0.0013 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00098 U	0.00086 U	0.001 U	0.00098 U
Beta Endosulfan	NS	NS	0.0023 U	0.002 U	0.0024 U	0.0022 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00054 U	0.00047 U	0.00056 U	0.00054 U
Dieldrin	0.005	0.2	0.0011 U	0.001 U	0.0012 U	0.0011 U
Endosulfan Sulfate	NS	NS	0.0011 U	0.00096 U	0.0012 U	0.0011 U
Endrin	0.014	11	0.0013 U	0.0011 U	0.0013 U	0.0013 U
Endrin Aldehyde	NS	NS	0.0021 U	0.0018 U	0.0022 U	0.0021 U
Endrin Ketone	NS	NS	0.0017 U	0.0015 U	0.0018 U	0.0017 U
Gamma Bhc (Lindane)	0.1	1.3	0.00081 U	0.00071 U	0.00085 U	0.00081 U
Heptachlor	0.042	2.1	0.001 U	0.0009 U	0.0011 U	0.001 U
Heptachlor Epoxide	NS	NS	0.0013 U	0.0011 U	0.0014 U	0.0013 U
Methoxychlor	NS	NS	0.002 U	0.0018 U	0.0021 U	0.002 U
P,P'-DDD	0.0033	13	0.0015 U	0.0013 U	0.0016 U	0.0015 U
P,P'-DDE	0.0033	8.9	0.001 U	0.0009 U	0.0011 U	0.001 U
P,P'-DDT	0.0033	7.9	0.0016 U	0.0014 U	0.0017 U	0.0016 U
Toxaphene	NS	NS	0.032 U	0.028 U	0.033 U	0.032 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 1 mg/kg	EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 1 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 1 mg/kg	EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0016 U	0.0011 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00076 U	0.0011 U	0.00075 U	0.0008 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0016 U	0.0011 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00084 U	0.0012 U	0.00083 U	0.00088 U
Beta Endosulfan	NS	NS	0.0019 U	0.0027 U	0.0019 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00046 U	0.00065 U	0.00045 U	0.00048 U
Dieldrin	0.005	0.2	0.00097 U	0.0014 U	0.00096 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00094 U	0.0013 U	0.00093 U	0.00099 U
Endrin	0.014	11	0.0011 U	0.0015 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0025 U	0.0017 U	0.0019 U
Endrin Ketone	NS	NS	0.0015 U	0.0021 U	0.0014 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00069 U	0.00099 U	0.00069 U	0.00073 U
Heptachlor	0.042	2.1	0.00089 U	0.0013 U	0.00087 U	0.00093 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0016 U	0.0011 U	0.0012 U
Methoxychlor	NS	NS	0.0017 U	0.0024 U	0.0017 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0018 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00089 U	0.0013 U	0.00087 U	0.00093 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.002 U	0.0014 U	0.0046 J
Toxaphene	NS	NS	0.027 U	0.039 U	0.027 U	0.028 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 1 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 1 mg/kg	EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 1 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0013 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00085 U	0.00084 U	0.0008 U	0.00082 U
Alpha Endosulfan	NS	NS	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00094 U	0.00092 U	0.00089 U	0.0009 U
Beta Endosulfan	NS	NS	0.0021 U	0.0021 U	0.002 U	0.0021 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00051 U	0.0005 U	0.00048 U	0.00049 U
Dieldrin	0.005	0.2	0.0011 U	0.0011 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.001 U	0.001 U	0.00099 U	0.001 U
Endrin	0.014	11	0.0012 U	0.0012 U	0.0011 U	0.0012 U
Endrin Aldehyde	NS	NS	0.002 U	0.0019 U	0.0019 U	0.0019 U
Endrin Ketone	NS	NS	0.0016 U	0.0016 U	0.0015 U	0.0016 U
Gamma Bhc (Lindane)	0.1	1.3	0.00077 U	0.00076 U	0.00073 U	0.00074 U
Heptachlor	0.042	2.1	0.00099 U	0.00097 U	0.00093 U	0.00095 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Methoxychlor	NS	NS	0.0019 U	0.0019 U	0.0018 U	0.0018 U
P,P'-DDD	0.0033	13	0.0014 U	0.0014 U	0.0013 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.00099 U	0.00097 U	0.00093 U	0.00095 U
P,P'-DDT	0.0033	7.9	0.0015 U	0.0015 U	0.0015 U	0.0015 U
Toxaphene	NS	NS	0.03 U	0.03 U	0.029 U	0.029 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 1 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 1 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 1 mg/kg	EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00074 U	0.00077 U	0.00075 U	0.00081 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00082 U	0.00084 U	0.00083 U	0.00089 U
Beta Endosulfan	NS	NS	0.0019 U	0.0019 U	0.0019 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00045 U	0.00046 U	0.00045 U	0.00049 U
Dieldrin	0.005	0.2	0.00095 U	0.00098 U	0.00096 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00092 U	0.00095 U	0.00093 U	0.001 U
Endrin	0.014	11	0.001 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0017 U	0.0018 U	0.0017 U	0.0019 U
Endrin Ketone	NS	NS	0.0014 U	0.0015 U	0.0014 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00068 U	0.0007 U	0.00068 U	0.00074 U
Heptachlor	0.042	2.1	0.00086 U	0.00089 U	0.00087 U	0.00094 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Methoxychlor	NS	NS	0.0017 U	0.0017 U	0.0017 U	0.0018 U
P,P'-DDD	0.0033	13	0.0012 U	0.0013 U	0.0013 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.00086 U	0.00089 U	0.00087 U	0.00094 U
P,P'-DDT	0.0033	7.9	0.0013 U	0.0014 U	0.0014 U	0.0015 U
Toxaphene	NS	NS	0.026 U	0.027 U	0.027 U	0.029 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 1 mg/kg	EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 1 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 1 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00074 U	0.00076 U	0.00084 U	0.00083 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0011 U	0.0013 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00081 U	0.00084 U	0.00092 U	0.00092 U
Beta Endosulfan	NS	NS	0.0019 U	0.0019 U	0.0021 U	0.0021 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00045 U	0.00046 U	0.00051 U	0.0005 U
Dieldrin	0.005	0.2	0.00095 U	0.00097 U	0.0011 U	0.0011 U
Endosulfan Sulfate	NS	NS	0.00091 U	0.00094 U	0.001 U	0.001 U
Endrin	0.014	11	0.001 U	0.0011 U	0.0012 U	0.0012 U
Endrin Aldehyde	NS	NS	0.0017 U	0.0018 U	0.0019 U	0.0019 U
Endrin Ketone	NS	NS	0.0014 U	0.0015 U	0.0016 U	0.0016 U
Gamma Bhc (Lindane)	0.1	1.3	0.00067 U	0.00069 U	0.00076 U	0.00076 U
Heptachlor	0.042	2.1	0.00086 U	0.00088 U	0.00097 U	0.00097 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Methoxychlor	NS	NS	0.0017 U	0.0017 U	0.0019 U	0.0019 U
P,P'-DDD	0.0033	13	0.0012 U	0.0013 U	0.0014 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.00086 U	0.00088 U	0.00097 U	0.00097 U
P,P'-DDT	0.0033	7.9	0.0013 U	0.0014 U	0.0015 U	0.0015 U
Toxaphene	NS	NS	0.026 U	0.027 U	0.03 U	0.03 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 1 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 1 mg/kg	EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 1 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0019 U	0.0014 U	0.0011 U	0.0011 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0013 U	0.00098 U	0.00077 U	0.00076 U
Alpha Endosulfan	NS	NS	0.0019 U	0.0015 U	0.0012 U	0.0011 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0014 U	0.0011 U	0.00085 U	0.00084 U
Beta Endosulfan	NS	NS	0.0033 U	0.0025 U	0.0019 U	0.0019 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00078 U	0.00059 U	0.00046 U	0.00046 U
Dieldrin	0.005	0.2	0.0016 U	0.0012 U	0.00098 U	0.00097 U
Endosulfan Sulfate	NS	NS	0.0016 U	0.0012 U	0.00095 U	0.00094 U
Endrin	0.014	11	0.0018 U	0.0014 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.003 U	0.0023 U	0.0018 U	0.0018 U
Endrin Ketone	NS	NS	0.0025 U	0.0019 U	0.0015 U	0.0014 U
Gamma Bhc (Lindane)	0.1	1.3	0.0012 U	0.00089 U	0.0007 U	0.00069 U
Heptachlor	0.042	2.1	0.0015 U	0.0011 U	0.00089 U	0.00088 U
Heptachlor Epoxide	NS	NS	0.0019 U	0.0014 U	0.0011 U	0.0011 U
Methoxychlor	NS	NS	0.0029 U	0.0022 U	0.0017 U	0.0017 U
P,P'-DDD	0.0033	13	0.0022 U	0.0016 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.0015 U	0.0011 U	0.00089 U	0.00088 U
P,P'-DDT	0.0033	7.9	0.0023 U	0.0018 U	0.0014 U	0.0014 U
Toxaphene	NS	NS	0.046 U	0.035 U	0.027 U	0.027 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 1 mg/kg	EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 1 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 1 mg/kg	EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00073 U	0.00074 U	0.00074 U	0.00078 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0008 U	0.00082 U	0.00082 U	0.00086 U
Beta Endosulfan	NS	NS	0.0018 U	0.0019 U	0.0019 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00044 U	0.00045 U	0.00045 U	0.00047 U
Dieldrin	0.005	0.2	0.00093 U	0.00095 U	0.00095 U	0.00099 U
Endosulfan Sulfate	NS	NS	0.0009 U	0.00091 U	0.00092 U	0.00096 U
Endrin	0.014	11	0.001 U	0.001 U	0.001 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0017 U	0.0017 U	0.0017 U	0.0018 U
Endrin Ketone	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00066 U	0.00067 U	0.00068 U	0.00071 U
Heptachlor	0.042	2.1	0.00085 U	0.00086 U	0.00086 U	0.0009 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Methoxychlor	NS	NS	0.0016 U	0.0017 U	0.0017 U	0.0017 U
P,P'-DDD	0.0033	13	0.0012 U	0.0012 U	0.0012 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00085 U	0.00086 U	0.00086 U	0.0009 U
P,P'-DDT	0.0033	7.9	0.0013 U	0.0013 U	0.0013 U	0.0014 U
Toxaphene	NS	NS	0.026 U	0.026 U	0.026 U	0.028 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-44_15_20200106 460-200126-3 1/6/2020 2:30:00 PM 1 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 1 mg/kg	EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 1 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0015 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00082 U	0.00079 U	0.00082 U	0.001 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0016 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0009 U	0.00087 U	0.00091 U	0.0011 U
Beta Endosulfan	NS	NS	0.0021 U	0.002 U	0.0021 U	0.0026 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00049 U	0.00048 U	0.0005 U	0.00063 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.0011 U	0.0013 U
Endosulfan Sulfate	NS	NS	0.001 U	0.00097 U	0.001 U	0.0013 U
Endrin	0.014	11	0.0012 U	0.0011 U	0.0012 U	0.0015 U
Endrin Aldehyde	NS	NS	0.0019 U	0.0018 U	0.0019 U	0.0024 U
Endrin Ketone	NS	NS	0.0016 U	0.0015 U	0.0016 U	0.002 U
Gamma Bhc (Lindane)	0.1	1.3	0.00075 U	0.00072 U	0.00075 U	0.00095 U
Heptachlor	0.042	2.1	0.00095 U	0.00092 U	0.00095 U	0.0012 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0015 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0023 U
P,P'-DDD	0.0033	13	0.0014 U	0.0013 U	0.0014 U	0.0017 U
P,P'-DDE	0.0033	8.9	0.00095 U	0.00092 U	0.00095 U	0.0012 U
P,P'-DDT	0.0033	7.9	0.0015 U	0.0014 U	0.0015 U	0.0019 U
Toxaphene	NS	NS	0.029 U	0.028 U	0.029 U	0.037 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 1 mg/kg	EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 1 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0011 U	0.0011 U	0.0011 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00075 U	0.00076 U	0.00074 U	0.007 U
Alpha Endosulfan	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00082 U	0.00084 U	0.00082 U	0.004 U
Beta Endosulfan	NS	NS	0.0019 U	0.0019 U	0.0019 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00045 U	0.00046 U	0.00045 U	0.005 U
Dieldrin	0.005	0.2	0.00096 U	0.00097 U	0.00095 U	0.003 U
Endosulfan Sulfate	NS	NS	0.00092 U	0.00094 U	0.00092 U	0.006 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.001 U	0.004 U
Endrin Aldehyde	NS	NS	0.0017 U	0.0018 U	0.0017 U	0.008 U
Endrin Ketone	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.00068 U	0.00069 U	0.00068 U	0.012 U
Heptachlor	0.042	2.1	0.00087 U	0.00088 U	0.00086 U	0.003 U
Heptachlor Epoxide	NS	NS	0.0011 U	0.0011 U	0.0011 U	0.005 U
Methoxychlor	NS	NS	0.0017 U	0.0017 U	0.0017 U	0.004 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0012 U	0.006 U
P,P'-DDE	0.0033	8.9	0.00087 U	0.00088 U	0.00086 U	0.002 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0014 U	0.0013 U	0.004 U
Toxaphene	NS	NS	0.027 U	0.027 U	0.026 U	0.11 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 1 µg/L	FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 1 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.003 U	0.003 U	0.003 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.007 U	0.007 U	0.007 U	0.007 U
Alpha Endosulfan	NS	NS	0.002 U	0.002 U	0.002 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.004 U	0.004 U	0.004 U	0.004 U
Beta Endosulfan	NS	NS	0.004 U	0.004 U	0.004 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.005 U	0.005 U	0.005 U	0.005 U
Dieldrin	0.005	0.2	0.003 U	0.003 U	0.003 U	0.003 U
Endosulfan Sulfate	NS	NS	0.006 U	0.006 U	0.006 U	0.006 U
Endrin	0.014	11	0.004 U	0.004 U	0.004 U	0.004 U
Endrin Aldehyde	NS	NS	0.008 U	0.008 U	0.008 U	0.008 U
Endrin Ketone	NS	NS	0.008 U	0.008 U	0.008 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.012 U	0.012 U	0.012 U	0.012 U
Heptachlor	0.042	2.1	0.003 U	0.003 U	0.003 U	0.003 U
Heptachlor Epoxide	NS	NS	0.005 U	0.005 U	0.005 U	0.005 U
Methoxychlor	NS	NS	0.004 U	0.004 U	0.004 U	0.004 U
P,P'-DDD	0.0033	13	0.006 U	0.006 U	0.006 U	0.006 U
P,P'-DDE	0.0033	8.9	0.002 U	0.002 U	0.002 U	0.002 U
P,P'-DDT	0.0033	7.9	0.004 U	0.004 U	0.004 U	0.004 U
Toxaphene	NS	NS	0.11 U	0.11 U	0.11 U	0.11 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 1 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.003 U	0.003 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.007 U	0.007 U	0.007 U
Alpha Endosulfan	NS	NS	0.002 U	0.002 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.004 U	0.004 U	0.004 U
Beta Endosulfan	NS	NS	0.004 U	0.004 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.005 U	0.005 U	0.005 U
Dieldrin	0.005	0.2	0.003 U	0.003 U	0.003 U
Endosulfan Sulfate	NS	NS	0.006 U	0.006 U	0.006 U
Endrin	0.014	11	0.004 U	0.004 U	0.004 U
Endrin Aldehyde	NS	NS	0.008 U	0.008 U	0.008 U
Endrin Ketone	NS	NS	0.008 U	0.008 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.012 U	0.012 U	0.012 U
Heptachlor	0.042	2.1	0.003 U	0.003 U	0.003 U
Heptachlor Epoxide	NS	NS	0.005 U	0.005 U	0.005 U
Methoxychlor	NS	NS	0.004 U	0.004 U	0.004 U
P,P'-DDD	0.0033	13	0.006 U	0.006 U	0.006 U
P,P'-DDE	0.0033	8.9	0.002 U	0.002 U	0.002 U
P,P'-DDT	0.0033	7.9	0.004 U	0.004 U	0.004 U
Toxaphene	NS	NS	0.11 U	0.11 U	0.11 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 1 mg/kg	EP-13_15_20191023 460-194740-3 10/23/2019 2:15:00 PM 4 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 1 mg/kg	EP-X_15_20191023 460-194740-4 10/23/2019 2:15:00 PM 4 mg/kg	EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	2 J	NR	1.4 J	NR
Barium	350	400	NR	68.9	NR	63	NR
Cadmium	2.5	4.3	NR	0.17 U	NR	0.14 U	NR
Chromium, Total	NS	NS	NR	15.9	NR	13.4	NR
Lead	63	400	NR	26.6	NR	15	NR
Mercury	0.18	0.81	0.089 JL	NR	0.019	NR	0.017 J
Selenium	3.9	180	NR	3 U	NR	2.5 U	NR
Silver	2	180	NR	0.24 U	NR	0.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-14_15_20191023 460-194740-2 10/23/2019 10:05:00 AM 4 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 1 mg/kg	EP-15_15_20191023 460-194740-1 10/23/2019 10:00:00 AM 4 mg/kg	EP-16_15_20191030 460-195277-1 10/30/2019 1 mg/kg	EP-16_15_20191030 460-195277-1 10/30/2019 4 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	1.3 J	NR	1.3 J	NR	1.6 J
Barium	350	400	43.9	NR	43.5 J	NR	67.5
Cadmium	2.5	4.3	0.15 U	NR	0.16 U	NR	0.13 U
Chromium, Total	NS	NS	16.1	NR	10.6	NR	16.6
Lead	63	400	12.2	NR	16.4	NR	8.9
Mercury	0.18	0.81	NR	0.033	NR	0.018	NR
Selenium	3.9	180	2.6 U	NR	2.7 U	NR	2.2 U
Silver	2	180	0.21 U	NR	0.22 U	NR	0.18 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-17_15_20191029 460-195164-1 10/29/2019 1 mg/kg	EP-17_15_20191029 460-195164-1 10/29/2019 4 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 1 mg/kg	EP-18_15_20191028 460-195095-1 10/28/2019 4 mg/kg	EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	2 J	NR	1.2 J	NR
Barium	350	400	NR	45.5	NR	53	NR
Cadmium	2.5	4.3	NR	0.12 U	NR	0.11 U	NR
Chromium, Total	NS	NS	NR	14.5	NR	15.1	NR
Lead	63	400	NR	49.6	NR	21.1	NR
Mercury	0.18	0.81	0.043	NR	0.026	NR	0.28
Selenium	3.9	180	NR	2.1 U	NR	2 U	NR
Silver	2	180	NR	0.17 U	NR	0.16 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_10_20191106 460-195858-1 11/6/2019 8:10:00 AM 4 mg/kg	EP-19_15_20191113 460-196444-1 11/13/2019 1 mg/kg	EP-19_15_20191113 460-196444-1 11/13/2019 4 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 1 mg/kg	EP-X_10_20191106 460-195858-4 11/6/2019 8:15:00 AM 4 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	4.3 JL	NR	3.2	NR	10.2 J
Barium	350	400	83.9	NR	48.9	NR	75
Cadmium	2.5	4.3	0.32 J	NR	0.31 J	NR	0.2 J
Chromium, Total	NS	NS	14.5	NR	11.1	NR	13.2
Lead	63	400	531 J	NR	369	NR	241 JL
Mercury	0.18	0.81	NR	0.1 JK	NR	0.22	NR
Selenium	3.9	180	2.4 U	NR	2.3 U	NR	2.6 U
Silver	2	180	0.21 J	NR	0.18 U	NR	0.21 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 1 mg/kg	EP-19_16_20191118 460-196851-1 11/18/2019 12:45:00 PM 4 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 1 mg/kg	EP-19_16.5_20191118 460-196851-2 11/18/2019 12:50:00 PM 4 mg/kg	EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	12.8	NR	9.5	NR
Barium	350	400	NR	44.6 J	NR	38.6 J	NR
Cadmium	2.5	4.3	NR	0.22 U	NR	0.21 U	NR
Chromium, Total	NS	NS	NR	32.2	NR	28.4	NR
Lead	63	400	NR	66.5	NR	38.4	NR
Mercury	0.18	0.81	0.16	NR	0.099	NR	0.011 U
Selenium	3.9	180	NR	3.8 U	NR	3.6 U	NR
Silver	2	180	NR	0.38 J	NR	0.29 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-20_10_20191106 460-195858-2 11/6/2019 8:20:00 AM 4 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 1 mg/kg	EP-21_11_20191106 460-195858-3 11/6/2019 10:15:00 AM 4 mg/kg	EP-21_12_20191113 460-196444-2 11/13/2019 1 mg/kg	EP-21_12_20191113 460-196444-2 11/13/2019 4 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	1.3 U	NR	1.9 J	NR	1.1 J
Barium	350	400	44.8	NR	57.8	NR	43.1
Cadmium	2.5	4.3	0.15 U	NR	0.52 J	NR	0.12 U
Chromium, Total	NS	NS	14.2	NR	14.8	NR	11.2
Lead	63	400	6.8	NR	112	NR	17.1
Mercury	0.18	0.81	NR	0.31	NR	0.036	NR
Selenium	3.9	180	2.6 U	NR	2.2 U	NR	2.2 U
Silver	2	180	0.2 U	NR	0.17 U	NR	0.17 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 1 mg/kg	EP-22_10_20191125 460-197518-1 11/25/2019 1:15:00 PM 4 mg/kg	EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 1 mg/kg	EP-23_11_20191125 460-197518-2 11/25/2019 1:35:00 PM 4 mg/kg	EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	1.3 U	NR	1.3 U	NR
Barium	350	400	NR	38.3 J	NR	54.7	NR
Cadmium	2.5	4.3	NR	0.15 U	NR	0.15 U	NR
Chromium, Total	NS	NS	NR	16.3	NR	13.9	NR
Lead	63	400	NR	7.2	NR	11.3	NR
Mercury	0.18	0.81	0.024	NR	0.021	NR	0.027
Selenium	3.9	180	NR	2.7 U	NR	2.7 U	NR
Silver	2	180	NR	0.21 U	NR	0.21 U	NR

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RCRA Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-X_11_20191125 460-197518-3 11/25/2019 1:35:00 PM 4 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 1 mg/kg	EP-24_11_20191125 460-197518-4 11/25/2019 1:45:00 PM 4 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 1 mg/kg	EP-25_11_20200103 460-200051-9 1/3/2020 2:30:00 PM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	1.2 J	NR	1.3 U	NR	1.6 J
Barium	350	400	52.3	NR	53.9	NR	47.6
Cadmium	2.5	4.3	0.14 U	NR	0.15 U	NR	0.19 J
Chromium, Total	NS	NS	13.2	NR	14	NR	12.6
Lead	63	400	14.8	NR	8.6	NR	75.4
Mercury	0.18	0.81	NR	0.027	NR	0.059	NR
Selenium	3.9	180	2.5 U	NR	2.6 U	NR	0.63 U
Silver	2	180	0.2 U	NR	0.21 U	NR	1 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 1 mg/kg	EP-25_12_20200113 460-200645-5 1/13/2020 11:10:00 AM 2 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 1 mg/kg	EP-25_13_20200115 460-200791-1 1/15/2020 11:30:00 AM 2 mg/kg	EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	3.5 J	NR	0.71 J	NR
Barium	350	400	NR	55.2	NR	43.1 J	NR
Cadmium	2.5	4.3	NR	0.084 U	NR	0.076 U	NR
Chromium, Total	NS	NS	NR	25.4	NR	8.9	NR
Lead	63	400	NR	83.1	NR	3.7	NR
Mercury	0.18	0.81	0.066	NR	0.011 U	NR	0.055 J
Selenium	3.9	180	NR	0.82 U	NR	0.75 U	NR
Silver	2	180	NR	1.4 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-26_11_20200113 460-200645-1 1/13/2020 9:05:00 AM 2 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 1 mg/kg	EP-X_11_20200113 460-200645-7 1/13/2020 9:10:00 AM 2 mg/kg	EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 1 mg/kg	EP-27_11_20200113 460-200645-2 1/13/2020 9:15:00 AM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	3.6 J	NR	3.1 J	NR	2.3 J
Barium	350	400	62.5	NR	49.6	NR	60.7
Cadmium	2.5	4.3	0.09 U	NR	0.083 U	NR	0.075 U
Chromium, Total	NS	NS	21.8	NR	18.2	NR	42.5
Lead	63	400	20.6	NR	15.3	NR	16.2
Mercury	0.18	0.81	NR	0.017 J	NR	0.052	NR
Selenium	3.9	180	0.89 U	NR	0.82 U	NR	0.74 U
Silver	2	180	1.5 U	NR	1.4 U	NR	1.2 U

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RCRA Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 1 mg/kg	EP-28_11_20200113 460-200645-3 1/13/2020 9:20:00 AM 2 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 1 mg/kg	EP-29_11_20200113 460-200645-4 1/13/2020 9:25:00 AM 2 mg/kg	EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	7.3	NR	2.5 J	NR
Barium	350	400	NR	37.9 J	NR	4.3 U	NR
Cadmium	2.5	4.3	NR	0.1 U	NR	0.076 U	NR
Chromium, Total	NS	NS	NR	23.1	NR	5.6	NR
Lead	63	400	NR	24.5	NR	4.2 JK	NR
Mercury	0.18	0.81	0.075	NR	0.01 U	NR	0.33
Selenium	3.9	180	NR	1 U	NR	0.75 U	NR
Silver	2	180	NR	1.7 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-30_11_20200117 460-200991-1 1/17/2020 11:25:00 AM 2 mg/kg	EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 1 mg/kg	EP-30_12_20200124 460-201588-1 1/24/2020 2:15:00 PM 2 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 1 mg/kg	EP-31_18_20191205 460-198110-1 12/5/2019 1:10:00 PM 4 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	4.1	NR	3.1 J	NR	8.1
Barium	350	400	82.7	NR	67.3	NR	66.8
Cadmium	2.5	4.3	0.41 J	NR	0.085 U	NR	0.16 U
Chromium, Total	NS	NS	15	NR	16.4	NR	20.9
Lead	63	400	341	NR	21.5	NR	30.4
Mercury	0.18	0.81	NR	0.034	NR	0.11 JK	NR
Selenium	3.9	180	0.64 U	NR	0.84 U	NR	2.9 U
Silver	2	180	1.1 U	NR	1.4 U	NR	0.23 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 1 mg/kg	EP-32_18_20200106 460-200126-1 1/6/2020 2:20:00 PM 2 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 1 mg/kg	EP-33_18_20200117 460-200991-2 1/17/2020 11:30:00 AM 2 mg/kg	EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	2.8	NR	2.2 J	NR
Barium	350	400	NR	44.9	NR	47.9	NR
Cadmium	2.5	4.3	NR	0.059 U	NR	0.064 U	NR
Chromium, Total	NS	NS	NR	15.1	NR	18.6	NR
Lead	63	400	NR	25.8	NR	26.4	NR
Mercury	0.18	0.81	0.14	NR	0.042	NR	0.045
Selenium	3.9	180	NR	0.58 U	NR	0.63 U	NR
Silver	2	180	NR	0.95 U	NR	1 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-33_19_20200124 460-201588-3 1/24/2020 2:25:00 PM 2 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 1 mg/kg	EP-34_12_20200117 460-200991-3 1/17/2020 11:35:00 AM 2 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 1 mg/kg	EP-34_13_20200124 460-201588-4 1/24/2020 2:30:00 PM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	4.9 J	NR	3.1	NR	2.3 J
Barium	350	400	29 J	NR	51	NR	45.7
Cadmium	2.5	4.3	0.061 U	NR	0.1 J	NR	0.056 U
Chromium, Total	NS	NS	16.1 J	NR	15.1	NR	12.3
Lead	63	400	18.2 J	NR	97.1	NR	24.2
Mercury	0.18	0.81	NR	0.24	NR	0.03	NR
Selenium	3.9	180	0.6 U	NR	0.62 U	NR	0.55 U
Silver	2	180	0.99 U	NR	1 U	NR	0.91 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 1 mg/kg	EP-35_12_20200130 460-201980-7 1/30/2020 12:00:00 PM 2 mg/kg	EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 1 mg/kg	EP-36_15_20200316 460-205164-1 3/16/2020 10:45:00 AM 2 mg/kg	EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	2 J	NR	0.67 U	NR
Barium	350	400	NR	59	NR	60.9	NR
Cadmium	2.5	4.3	NR	0.061 U	NR	0.075 U	NR
Chromium, Total	NS	NS	NR	13.2	NR	11.8	NR
Lead	63	400	NR	33	NR	12.9	NR
Mercury	0.18	0.81	0.025	NR	0.033 JK	NR	0.011 U
Selenium	3.9	180	NR	0.6 U	NR	0.74 U	NR
Silver	2	180	NR	0.99 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-37_18_20191205 460-198110-2 12/5/2019 1:00:00 PM 4 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 1 mg/kg	EP-38_18_20200106 460-200126-2 1/6/2020 2:25:00 PM 2 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 1 mg/kg	EP-39_18_20200117 460-200991-4 1/17/2020 11:40:00 AM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	2.6 J	NR	2.8 J	NR	3.8
Barium	350	400	47	NR	61.4	NR	79.4
Cadmium	2.5	4.3	0.15 U	NR	0.069 J	NR	0.17 J
Chromium, Total	NS	NS	15.4	NR	16.7	NR	16.6
Lead	63	400	6.3	NR	62.3	NR	115
Mercury	0.18	0.81	NR	0.015 J	NR	0.08	NR
Selenium	3.9	180	2.5 U	NR	0.67 U	NR	0.65 U
Silver	2	180	0.2 U	NR	1.1 U	NR	1.1 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 1 mg/kg	EP-39_19_20200124 460-201588-6 1/24/2020 2:40:00 PM 2 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 1 mg/kg	EP-39_20_20200130 460-201980-1 1/30/2020 11:30:00 AM 2 mg/kg	EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	9.8	NR	3.6	NR
Barium	350	400	NR	67	NR	56.7	NR
Cadmium	2.5	4.3	NR	0.17 J	NR	0.087 J	NR
Chromium, Total	NS	NS	NR	28.2	NR	21.2	NR
Lead	63	400	NR	43.2	NR	33.6	NR
Mercury	0.18	0.81	0.11	NR	0.078	NR	0.01 U
Selenium	3.9	180	NR	1.1 U	NR	0.7 U	NR
Silver	2	180	NR	1.8 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-40_12_20200130 460-201980-2 1/30/2020 11:35:00 AM 2 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 1 mg/kg	EP-X_12_20200130 460-201980-3 1/30/2020 11:40:00 AM 2 mg/kg	EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 1 mg/kg	EP-41_12_20200130 460-201980-4 1/30/2020 11:45:00 AM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	0.75 J	NR	2.6 J	NR	1.4 J
Barium	350	400	21.5 J	NR	18.3 J	NR	28.6 J
Cadmium	2.5	4.3	0.057 U	NR	0.071 U	NR	0.074 U
Chromium, Total	NS	NS	8.9	NR	11.5	NR	16.6 JL
Lead	63	400	5.7	NR	3.9	NR	5.4
Mercury	0.18	0.81	NR	0.01 U	NR	0.0096 U	NR
Selenium	3.9	180	0.56 U	NR	0.7 U	NR	0.73 U
Silver	2	180	0.93 U	NR	1.2 U	NR	1.2 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 1 mg/kg	EP-42_15_20200316 460-205164-2 3/16/2020 10:50:00 AM 2 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 1 mg/kg	EP-X_15_20200316 460-205164-4 3/16/2020 10:52:00 AM 2 mg/kg	EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	0.64 U	NR	0.65 U	NR
Barium	350	400	NR	59.6	NR	57.2	NR
Cadmium	2.5	4.3	NR	0.072 U	NR	0.073 U	NR
Chromium, Total	NS	NS	NR	14.2	NR	10.6	NR
Lead	63	400	NR	19.3	NR	16.6	NR
Mercury	0.18	0.81	0.1 J	NR	0.041	NR	0.011 U
Selenium	3.9	180	NR	0.71 U	NR	0.72 U	NR
Silver	2	180	NR	1.2 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-43_15_20191205 460-198110-3 12/5/2019 12:55:00 PM 4 mg/kg	EP-44_15_20200106 460-200126-3 1/6/2020 2:30:00 PM 2 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 1 mg/kg	EP-44_16_20200113 460-200645-6 1/13/2020 1:10:00 PM 2 mg/kg	EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	1.5 J	2.3 J	NR	1.5 J	NR
Barium	350	400	52.4	70.8	NR	47.9	NR
Cadmium	2.5	4.3	0.16 U	0.065 U	NR	0.075 U	NR
Chromium, Total	NS	NS	24.6 JL	17.9	NR	13.3	NR
Lead	63	400	6.9	69.9	NR	7.1	NR
Mercury	0.18	0.81	NR	1.2	0.016 J	NR	0.12
Selenium	3.9	180	2.7 U	0.64 U	NR	0.74 U	NR
Silver	2	180	0.22 U	1.1 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-45_15_20200117 460-200991-5 1/17/2020 11:45:00 AM 2 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 1 mg/kg	EP-45_16_20200124 460-201588-7 1/17/2020 1:00:00 PM 2 mg/kg	EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 1 mg/kg	EP-46_15_20200130 460-201980-5 1/30/2020 11:50:00 AM 2 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	3.5	NR	9	NR	0.62 U
Barium	350	400	77	NR	37.2 J	NR	31 J
Cadmium	2.5	4.3	0.13 J	NR	0.15 J	NR	0.07 U
Chromium, Total	NS	NS	18.8	NR	22.1	NR	10.9
Lead	63	400	94.2	NR	26.5	NR	7.3
Mercury	0.18	0.81	NR	0.092	NR	0.014 J	NR
Selenium	3.9	180	0.64 U	NR	0.96 U	NR	0.68 U
Silver	2	180	1.1 U	NR	1.6 U	NR	1.1 U

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RCRA Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 1 mg/kg	EP-47_15_20200130 460-201980-6 1/30/2020 11:55:00 AM 2 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 1 mg/kg	EP-48_15_20200316 460-205164-3 3/16/2020 10:55:00 AM 2 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	0.94 J	NR	0.65 U	NR
Barium	350	400	NR	28.7 J	NR	56.2	NR
Cadmium	2.5	4.3	NR	0.075 U	NR	0.072 U	NR
Chromium, Total	NS	NS	NR	10	NR	10.9	NR
Lead	63	400	NR	7.9	NR	17.4	NR
Mercury	0.18	0.81	0.014 J	NR	0.039	NR	0.12 U
Selenium	3.9	180	NR	0.73 U	NR	0.71 U	NR
Silver	2	180	NR	1.2 U	NR	1.2 U	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 2 µg/L	FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L	FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 2 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 1 µg/L	FB_20191023 460-194740-6 10/23/2019 1:00:00 PM 2 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	0.73 U	NR	0.73 U	NR	0.73 U
Barium	350	400	1.2 U	NR	1.2 U	NR	1.2 U
Cadmium	2.5	4.3	0.81 U	NR	0.81 U	NR	0.81 U
Chromium, Total	NS	NS	2.3 U	NR	2.3 U	NR	2.3 U
Lead	63	400	0.55 U	NR	0.55 U	NR	0.55 U
Mercury	0.18	0.81	NR	0.091 U	NR	0.12 U	NR
Selenium	3.9	180	5.4 U	NR	5.4 U	NR	5.4 U
Silver	2	180	0.59 U	NR	0.59 U	NR	0.59 U

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Track 1: Post-Excavation Endpoint Sample Results
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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 1 µg/L	FB_20191125 460-197518-6 11/25/2019 2:30:00 PM 2 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 2 µg/L	FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	NR	0.73 U	NR	0.73 U	NR
Barium	350	400	NR	1.2 U	NR	1.2 U	NR
Cadmium	2.5	4.3	NR	0.81 U	NR	0.81 U	NR
Chromium, Total	NS	NS	NR	2.3 U	NR	2.3 U	NR
Lead	63	400	NR	0.55 U	NR	0.55 U	NR
Mercury	0.18	0.81	0.12 U	NR	0.12 U	NR	0.091 U
Selenium	3.9	180	NR	5.4 U	NR	5.4 U	NR
Silver	2	180	NR	0.59 U	NR	0.59 U	NR

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Track 1: Post-Excavation Endpoint Sample Results
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AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			FB_20200113 460-200645-8 1/13/2020 1:30:00 PM 2 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 1 µg/L	FB_20200130 460-201980-8 1/30/2020 12:45:00 PM 2 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 1 µg/L	FB_20200316 460-205164-6 3/16/2020 11:10:00 AM 2 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	13	16	0.73 U	NR	0.73 U	NR	0.73 U
Barium	350	400	1.2 U	NR	1.2 U	NR	1.2 U
Cadmium	2.5	4.3	0.81 U	NR	0.81 U	NR	0.81 U
Chromium, Total	NS	NS	2.3 U	NR	2.3 U	NR	2.3 U
Lead	63	400	0.55 U	NR	0.55 U	NR	0.55 U
Mercury	0.18	0.81	NR	0.091 U	NR	0.091 U	NR
Selenium	3.9	180	5.4 U	NR	5.4 U	NR	5.4 U
Silver	2	180	0.59 U	NR	0.59 U	NR	0.59 U

Tables 10a-10e
West 29th Street
601 West 29th Street
New York, New York
Track 1: Post-Excavation Endpoint Sample Results
Notes

DEFINITIONS

- 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.
- NR** : Not reported.
- NS** : No standard.
- U** : The analyte was not detected at the indicated concentration.
- mg/kg** : milligrams per kilogram
- µg/L** : micrograms per Liter

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].

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

Sample EP-X_15_20191023 is a blind duplicate of sample EP-13_15_20191023.
Sample EP-X_10_20191106 is a blind duplicate of sample EP-19_10_20191106.
Sample EP-X_11_20191125 is a blind duplicate of sample EP-23_11_20191125.
Sample EP-X_11_20200113 is a blind duplicate of sample EP-26_11_20200113.
Sample EP-X_12_20200130 is a blind duplicate of sample EP-40_12_20200130.
Sample EP-X_15_20200316 is a blind duplicate of sample EP-42_15_20200316.

Table 11a
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00043 U	0.00035 U	0.00029 U	0.00029 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00039 U	0.00032 U	0.00026 U	0.00026 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00055 U	0.00045 U	0.00037 U	0.00037 U
1,1,2-Trichloroethane	NS	NS	0.00033 U	0.00026 U	0.00022 U	0.00022 U
1,1-Dichloroethane	0.27	26	0.00038 U	0.00031 U	0.00025 U	0.00025 U
1,1-Dichloroethene	0.33	100	0.00041 U	0.00033 U	0.00028 U	0.00028 U
1,2,3-Trichlorobenzene	NS	NS	0.00033 UJ	0.00027 U	0.00022 U	0.00022 U
1,2,4-Trichlorobenzene	NS	NS	0.00066 UJ	0.00053 U	0.00044 U	0.00044 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00084 U	0.00068 U	0.00056 U	0.00056 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00033 UJ	0.00027 U	0.00022 U	0.00022 U
1,2-Dichlorobenzene	1.1	100	0.00026 UJ	0.00021 U	0.00018 U	0.00018 U
1,2-Dichloroethane	0.02	3.1	0.00054 U	0.00044 U	0.00036 U	0.00036 U
1,2-Dichloropropane	NS	NS	0.00077 U	0.00063 U	0.00052 U	0.00052 U
1,3-Dichlorobenzene	2.4	49	0.00029 UJ	0.00024 U	0.00019 U	0.0002 U
1,4-Dichlorobenzene	1.8	13	0.00041 UJ	0.00033 U	0.00028 U	0.00028 U
2-Hexanone	NS	NS	0.0031 U	0.0025 U	0.0021 U	0.0021 U
Acetone	0.05	100	0.01 U	0.0085 U	0.0064 J	0.028 J
Benzene	0.06	4.8	0.00047 U	0.00038 U	0.00032 U	0.00032 U
Bromochloromethane	NS	NS	0.00051 U	0.00042 U	0.00034 U	0.00035 U
Bromodichloromethane	NS	NS	0.00047 U	0.00038 U	0.00031 U	0.00032 U
Bromoform	NS	NS	0.00078 U	0.00063 U	0.00052 U	0.00052 U
Bromomethane	NS	NS	0.00087 U	0.0007 U	0.00058 U	0.00058 U
Carbon Disulfide	NS	NS	0.00049 U	0.0026	0.00033 U	0.00033 U
Carbon Tetrachloride	0.76	2.4	0.00071 U	0.00057 U	0.00047 U	0.00048 U
Chlorobenzene	1.1	100	0.00032 UJ	0.00026 U	0.00022 U	0.00022 U
Chloroethane	NS	NS	0.00096 U	0.00078 U	0.00064 U	0.00064 U
Chloroform	0.37	49	0.00058 U	0.00047 U	0.00039 U	0.00039 U
Chloromethane	NS	NS	0.0008 U	0.00065 U	0.00053 U	0.00053 U
Cis-1,2-Dichloroethylene	0.25	100	0.00028 U	0.00023 U	0.00019 U	0.00019 U
Cis-1,3-Dichloropropene	NS	NS	0.0005 U	0.00041 U	0.00033 U	0.00034 U
Cyclohexane	NS	NS	0.0004 U	0.00033 U	0.00027 U	0.00027 U
Dibromochloromethane	NS	NS	0.00036 U	0.00029 U	0.00024 U	0.00024 U
Dichlorodifluoromethane	NS	NS	0.00062 U	0.0005 U	0.00041 U	0.00042 U
Ethylbenzene	1	41	0.00036 UJ	0.0003 U	0.00024 U	0.00024 U
Isopropylbenzene (Cumene)	NS	NS	0.00023 UJ	0.00019 U	0.00015 U	0.00015 U
M,P-Xylenes	NS	NS	0.00032 UJ	0.00026 U	0.00021 U	0.00021 U
Methyl Acetate	NS	NS	0.0079 U	0.0064 U	0.0053 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.005 U	0.004 U	0.0033 U	0.0033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0028 U	0.0023 U	0.0019 U	0.0019 U
Methylcyclohexane	NS	NS	0.00091 U	0.00074 U	0.00061 U	0.00061 U
Methylene Chloride	0.05	100	0.00085 U	0.00069 U	0.00057 U	0.00057 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00036 UJ	0.00029 U	0.00024 U	0.00024 U
Styrene	NS	NS	0.00051 UJ	0.00041 U	0.00034 U	0.00034 U
Tert-Butyl Methyl Ether	0.93	100	0.00023 U	0.00019 U	0.00015 U	0.00015 U
Tetrachloroethylene (PCE)	1.3	19	0.00026 U	0.00021 U	0.00018 U	0.00018 U
Toluene	0.7	100	0.00043 U	0.00035 U	0.0003 J	0.00029 U
Trans-1,2-Dichloroethene	0.19	100	0.00045 UJ	0.00037 U	0.0003 U	0.0003 U
Trans-1,3-Dichloropropene	NS	NS	0.00049 UJ	0.00039 U	0.00033 U	0.00033 U
Trichloroethylene (TCE)	0.47	21	0.00026 UJ	0.00021 U	0.00018 U	0.00018 U
Trichlorofluoromethane	NS	NS	0.00074 U	0.0006 U	0.0005 U	0.0005 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00081 U	0.00067 U	0.00067 U
Xylenes, Total	0.26	100	0.00068 UJ	0.00055 U	0.00045 U	0.00045 U

Table 11a
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00031 U	0.00029 UJ	0.00059 U	0.00044 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00029 U	0.00026 U	0.00054 U	0.0004 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0004 U	0.00037 U	0.00076 U	0.00056 U
1,1,2-Trichloroethane	NS	NS	0.00024 U	0.00022 U	0.00045 U	0.00033 U
1,1-Dichloroethane	0.27	26	0.00028 U	0.00025 U	0.00052 U	0.00038 U
1,1-Dichloroethene	0.33	100	0.0003 U	0.00028 U	0.00057 U	0.00042 U
1,2,3-Trichlorobenzene	NS	NS	0.00024 U	0.00022 U	0.00046 U	0.00034 U
1,2,4-Trichlorobenzene	NS	NS	0.00048 U	0.00044 U	0.00091 U	0.00067 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00062 U	0.00057 U	0.0012 U	0.00086 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00024 U	0.00022 U	0.00046 U	0.00034 U
1,2-Dichlorobenzene	1.1	100	0.00019 U	0.00018 U	0.00037 U	0.00027 U
1,2-Dichloroethane	0.02	3.1	0.0004 U	0.00036 U	0.00075 U	0.00055 U
1,2-Dichloropropane	NS	NS	0.00057 U	0.00052 U	0.0011 U	0.00079 U
1,3-Dichlorobenzene	2.4	49	0.00021 U	0.0002 U	0.0004 U	0.0003 U
1,4-Dichlorobenzene	1.8	13	0.0003 U	0.00028 U	0.00057 U	0.00042 U
2-Hexanone	NS	NS	0.0023 U	0.0021 U	0.0043 U	0.0032 U
Acetone	0.05	100	0.0077 U	0.007 U	0.015 U	0.011 U
Benzene	0.06	4.8	0.00035 U	0.00033 J	0.00065 U	0.00048 U
Bromochloromethane	NS	NS	0.00038 U	0.00035 U	0.00071 U	0.00053 U
Bromodichloromethane	NS	NS	0.00034 U	0.00032 U	0.00065 U	0.00048 U
Bromoform	NS	NS	0.00057 U	0.00052 U	0.0011 U	0.00079 U
Bromomethane	NS	NS	0.00063 U	0.00058 U	0.0012 U	0.00089 U
Carbon Disulfide	NS	NS	0.00036 U	0.00033 U	0.00068 U	0.0005 U
Carbon Tetrachloride	0.76	2.4	0.00052 U	0.00048 UJ	0.00098 U	0.00072 UJ
Chlorobenzene	1.1	100	0.00024 U	0.00022 U	0.00045 U	0.00033 U
Chloroethane	NS	NS	0.0007 U	0.00064 U	0.0013 U	0.00098 U
Chloroform	0.37	49	0.00043 U	0.00039 U	0.00081 U	0.0006 U
Chloromethane	NS	NS	0.00058 U	0.00054 U	0.0011 U	0.00081 U
Cis-1,2-Dichloroethylene	0.25	100	0.0002 U	0.00019 U	0.00039 U	0.00028 U
Cis-1,3-Dichloropropene	NS	NS	0.00037 U	0.00034 U	0.00069 U	0.00051 U
Cyclohexane	NS	NS	0.0003 U	0.00027 U	0.00056 U	0.00041 U
Dibromochloromethane	NS	NS	0.00026 U	0.00024 U	0.00049 U	0.00036 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00042 U	0.00086 U	0.00063 U
Ethylbenzene	1	41	0.00027 U	0.00025 U	0.00051 U	0.00037 U
Isopropylbenzene (Cumene)	NS	NS	0.00017 U	0.00016 U	0.00032 U	0.00024 U
M,P-Xylenes	NS	NS	0.00023 U	0.00021 U	0.00044 U	0.00067 J
Methyl Acetate	NS	NS	0.0058 U	0.0053 U	0.011 U	0.008 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0036 U	0.0033 U	0.0069 U	0.0051 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0021 U	0.0019 U	0.0039 U	0.0029 U
Methylcyclohexane	NS	NS	0.00067 U	0.00061 U	0.0013 U	0.00093 U
Methylene Chloride	0.05	100	0.00062 U	0.00057 U	0.0012 U	0.0009 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00026 U	0.00024 U	0.00049 U	0.00036 U
Styrene	NS	NS	0.00037 U	0.00034 U	0.00071 U	0.00052 U
Tert-Butyl Methyl Ether	0.93	100	0.00017 U	0.00015 U	0.00032 U	0.00023 U
Tetrachloroethylene (PCE)	1.3	19	0.00019 U	0.00018 U	0.00036 U	0.00027 U
Toluene	0.7	100	0.00031 U	0.00071 J	0.00059 U	0.00084 J
Trans-1,2-Dichloroethene	0.19	100	0.00033 U	0.0003 U	0.00062 U	0.00046 U
Trans-1,3-Dichloropropene	NS	NS	0.00036 U	0.00033 U	0.00068 U	0.0005 U
Trichloroethylene (TCE)	0.47	21	0.00019 U	0.00018 U	0.00037 U	0.00027 U
Trichlorofluoromethane	NS	NS	0.00054 U	0.0005 U	0.001 U	0.00076 U
Vinyl Chloride	0.02	0.9	0.00073 U	0.00067 U	0.0014 U	0.001 U
Xylenes, Total	0.26	100	0.00049 U	0.00045 U	0.00093 U	0.00067 J

Table 11a
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00031 UJ	0.00036 UJ	0.00035 UJ	0.00034 UJ
1,1,2,2-Tetrachloroethane	NS	NS	0.00028 U	0.00033 U	0.00032 U	0.00031 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0004 U	0.00047 U	0.00046 U	0.00044 U
1,1,2-Trichloroethane	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00026 U
1,1-Dichloroethane	0.27	26	0.00027 U	0.00032 U	0.00031 U	0.0003 U
1,1-Dichloroethene	0.33	100	0.0003 U	0.00035 U	0.00034 U	0.00033 U
1,2,3-Trichlorobenzene	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00027 U
1,2,4-Trichlorobenzene	NS	NS	0.00047 U	0.00056 U	0.00054 U	0.00052 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00061 U	0.00072 U	0.0007 U	0.00067 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00024 U	0.00028 U	0.00027 U	0.00026 U
1,2-Dichlorobenzene	1.1	100	0.00019 U	0.00022 U	0.00022 U	0.00021 U
1,2-Dichloroethane	0.02	3.1	0.00039 U	0.00046 U	0.00045 U	0.00043 U
1,2-Dichloropropane	NS	NS	0.00056 U	0.00066 U	0.00064 U	0.00062 U
1,3-Dichlorobenzene	2.4	49	0.00021 U	0.00025 U	0.00024 U	0.00023 U
1,4-Dichlorobenzene	1.8	13	0.0003 U	0.00035 U	0.00034 U	0.00033 U
2-Hexanone	NS	NS	0.0023 U	0.0027 U	0.0026 U	0.0025 U
Acetone	0.05	100	0.0081	0.024	0.027	0.079
Benzene	0.06	4.8	0.00034 U	0.0004 U	0.00039 U	0.00038 U
Bromochloromethane	NS	NS	0.00037 U	0.00044 U	0.00043 U	0.00041 U
Bromodichloromethane	NS	NS	0.00034 U	0.0004 U	0.00039 U	0.00038 U
Bromoform	NS	NS	0.00056 U	0.00066 U	0.00064 U	0.00062 U
Bromomethane	NS	NS	0.00063 U	0.00074 U	0.00072 U	0.00069 U
Carbon Disulfide	NS	NS	0.00035 U	0.0016	0.0004 U	0.0011 J
Carbon Tetrachloride	0.76	2.4	0.00051 UJ	0.0006 UJ	0.00059 UJ	0.00057 UJ
Chlorobenzene	1.1	100	0.00023 U	0.00028 U	0.00027 U	0.00026 U
Chloroethane	NS	NS	0.00069 U	0.00081 U	0.00079 U	0.00076 U
Chloroform	0.37	49	0.00042 U	0.0005 U	0.00048 U	0.00047 U
Chloromethane	NS	NS	0.00058 U	0.00068 U	0.00066 U	0.00064 U
Cis-1,2-Dichloroethylene	0.25	100	0.0002 U	0.00024 U	0.00023 U	0.00022 U
Cis-1,3-Dichloropropene	NS	NS	0.00036 U	0.00043 U	0.00041 U	0.0004 U
Cyclohexane	NS	NS	0.00029 U	0.00034 U	0.00033 U	0.00032 U
Dibromochloromethane	NS	NS	0.00026 U	0.0003 U	0.00029 U	0.00028 U
Dichlorodifluoromethane	NS	NS	0.00045 U	0.00053 U	0.00051 U	0.0005 U
Ethylbenzene	1	41	0.00026 U	0.00031 U	0.0003 U	0.00029 U
Isopropylbenzene (Cumene)	NS	NS	0.00017 U	0.0002 U	0.00019 U	0.00018 U
M,P-Xylenes	NS	NS	0.00023 U	0.00027 U	0.00026 U	0.00025 U
Methyl Acetate	NS	NS	0.0057 U	0.0067 U	0.0065 U	0.0063 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0036 U	0.0045 J	0.0041 U	0.011
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0021 U	0.0024 U	0.0024 U	0.0023 U
Methylcyclohexane	NS	NS	0.00066 U	0.00078 U	0.00075 U	0.00073 U
Methylene Chloride	0.05	100	0.00062 U	0.00072 U	0.0007 U	0.00068 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00026 U	0.0003 U	0.00029 U	0.00028 U
Styrene	NS	NS	0.00037 U	0.00043 U	0.00042 U	0.00041 U
Tert-Butyl Methyl Ether	0.93	100	0.00017 U	0.00019 U	0.00019 U	0.00018 U
Tetrachloroethylene (PCE)	1.3	19	0.00019 U	0.00022 U	0.00022 U	0.00021 U
Toluene	0.7	100	0.00031 U	0.00036 U	0.00035 U	0.00037 J
Trans-1,2-Dichloroethene	0.19	100	0.00033 U	0.00038 U	0.00037 U	0.00036 U
Trans-1,3-Dichloropropene	NS	NS	0.00035 U	0.00041 U	0.0004 U	0.00039 U
Trichloroethylene (TCE)	0.47	21	0.00019 U	0.00022 U	0.00022 U	0.00021 U
Trichlorofluoromethane	NS	NS	0.00054 U	0.00063 U	0.00061 U	0.00059 U
Vinyl Chloride	0.02	0.9	0.00072 U	0.00085 U	0.00083 U	0.0008 U
Xylenes, Total	0.26	100	0.00049 U	0.00057 U	0.00055 U	0.00053 U

Table 11a
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Volatile Organic Compounds (VOCs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L	TB_20200103 460-200051-11 1/3/2020 2:05:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00035 UJ	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00032 U	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00045 U	0.31 U	0.31 U
1,1,2-Trichloroethane	NS	NS	0.00027 U	0.43 U	0.43 U
1,1-Dichloroethane	0.27	26	0.00031 U	0.26 U	0.26 U
1,1-Dichloroethene	0.33	100	0.00034 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	NS	NS	0.00027 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	NS	NS	0.00054 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00069 U	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00027 U	0.5 U	0.5 U
1,2-Dichlorobenzene	1.1	100	0.00022 U	0.43 U	0.43 U
1,2-Dichloroethane	0.02	3.1	0.00045 U	0.43 U	0.43 U
1,2-Dichloropropane	NS	NS	0.00064 U	0.35 U	0.35 U
1,3-Dichlorobenzene	2.4	49	0.00024 U	0.34 U	0.34 U
1,4-Dichlorobenzene	1.8	13	0.00034 U	0.33 U	0.33 U
2-Hexanone	NS	NS	0.0026 U	1.1 U	1.1 U
Acetone	0.05	100	0.0086 U	4.4 U	4.4 U
Benzene	0.06	4.8	0.00039 U	0.2 U	0.2 U
Bromochloromethane	NS	NS	0.00042 U	0.41 U	0.41 U
Bromodichloromethane	NS	NS	0.00039 U	0.34 UJ	0.34 UJ
Bromoform	NS	NS	0.00064 U	0.54 UJ	0.54 UJ
Bromomethane	NS	NS	0.00072 U	0.55 U	0.55 U
Carbon Disulfide	NS	NS	0.0004 U	0.82 U	0.82 U
Carbon Tetrachloride	0.76	2.4	0.00058 UJ	0.21 UJ	0.21 UJ
Chlorobenzene	1.1	100	0.00027 U	0.38 U	0.38 U
Chloroethane	NS	NS	0.00079 U	0.32 U	0.32 U
Chloroform	0.37	49	0.00048 U	0.33 U	0.33 U
Chloromethane	NS	NS	0.00066 U	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	0.25	100	0.00023 U	0.22 U	0.22 U
Cis-1,3-Dichloropropene	NS	NS	0.00041 U	0.22 U	0.22 U
Cyclohexane	NS	NS	0.00033 U	0.32 U	0.32 U
Dibromochloromethane	NS	NS	0.00029 U	0.28 UJ	0.28 UJ
Dichlorodifluoromethane	NS	NS	0.00051 U	0.31 U	0.31 U
Ethylbenzene	1	41	0.0003 U	0.3 U	0.3 U
Isopropylbenzene (Cumene)	NS	NS	0.00019 U	0.34 U	0.34 U
M,P-Xylenes	NS	NS	0.00026 U	0.3 U	0.3 U
Methyl Acetate	NS	NS	0.0065 U	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0041 U	1.9 U	1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0023 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	0.00075 U	0.26 U	0.26 U
Methylene Chloride	0.05	100	0.0007 U	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00029 U	0.36 U	0.36 U
Styrene	NS	NS	0.00042 U	0.42 U	0.42 U
Tert-Butyl Methyl Ether	0.93	100	0.00019 U	0.47 U	0.47 U
Tetrachloroethylene (PCE)	1.3	19	0.00022 U	0.25 U	0.25 U
Toluene	0.7	100	0.00035 U	0.38 U	0.38 U
Trans-1,2-Dichloroethene	0.19	100	0.00037 U	0.24 U	0.24 U
Trans-1,3-Dichloropropene	NS	NS	0.0004 U	0.49 U	0.49 U
Trichloroethylene (TCE)	0.47	21	0.00022 U	0.31 U	0.31 U
Trichlorofluoromethane	NS	NS	0.00061 U	0.32 U	0.32 U
Vinyl Chloride	0.02	0.9	0.00082 U	0.17 U	0.17 U
Xylenes, Total	0.26	100	0.00055 U	0.66 U	0.66 U

Table 11b
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Track 4: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 2 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.028 UJ	0.028 J	0.26 JL	0.92 J
Acenaphthylene	NS	100	100	0.053 JL	0.041 J	0.042 JL	0.32 J
Anthracene	NS	100	100	0.049 JL	0.12 J	0.41 JL	2.1 J
Benzo(a)Anthracene	NS	1	1	0.24 JL	0.62	1.3 JL	5.4 J
Benzo(a)Pyrene	NS	1	1	0.18 JL	0.61	1.1 JL	4.6 J
Benzo(b)Fluoranthene	NS	1	1	0.23 JL	0.8	1.4 JL	5.7 J
Benzo(g,h,i)Perylene	NS	100	100	0.17 JL	0.33 J	0.61 JL	2.2 J
Benzo(k)Fluoranthene	NS	0.8	3.9	0.062 JL	0.29	0.48 JL	2.2 J
Chrysene	NS	1	3.9	0.44 JL	0.66	1.3 JL	5.2 J
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.071 JL	0.067	0.19 JL	0.61 J
Fluoranthene	NS	100	100	0.21 JL	0.98	2.5 JL	11 J
Fluorene	NS	30	100	0.02 JL	0.03 J	0.17 JL	0.75 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.12 JL	0.38	0.71 JL	2.5 J
Naphthalene	NS	12	100	0.17 JL	0.08 J	0.23 JL	1.1 J
Phenanthrene	NS	100	100	0.81 JL	0.51	2.3 JL	9.1 J
Pyrene	NS	100	100	0.49 JL	0.99	2.8 JL	10 J
Total PAHs	250	NS	NS	3.32	6.54	15.8	63.7

Table 11b
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Track 4: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.034 J	0.028 U	0.028 U	0.028 U
Acenaphthylene	NS	100	100	0.07 J	0.026 J	0.062 J	0.04 J
Anthracene	NS	100	100	0.07 J	0.11 J	0.052 J	0.013 J
Benzo(a)Anthracene	NS	1	1	0.26	0.41	0.19	0.033 J
Benzo(a)Pyrene	NS	1	1	0.31	0.33	0.13	0.023 J
Benzo(b)Fluoranthene	NS	1	1	0.44	0.45	0.39	0.049
Benzo(g,h,i)Perylene	NS	100	100	0.2 J	0.21 J	0.16 J	0.021 J
Benzo(k)Fluoranthene	NS	0.8	3.9	0.13	0.19	0.1	0.017 J
Chrysene	NS	1	3.9	0.34 J	0.42	0.27 J	0.062 J
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.051	0.065	0.066	0.016 U
Fluoranthene	NS	100	100	0.41	0.69	0.34 J	0.076 J
Fluorene	NS	30	100	0.031 J	0.034 J	0.022 J	0.008 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.23	0.22	0.18	0.019 J
Naphthalene	NS	12	100	0.25 J	0.043 J	0.14 J	0.24 J
Phenanthrene	NS	100	100	0.45	0.48	0.33 J	0.098 J
Pyrene	NS	100	100	0.45	0.71	0.37 J	0.062 J
Total PAHs	250	NS	NS	3.73	4.39	2.8	0.777

Table 11b
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Track 4: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.055 J	0.05 J	0.087 J	0.06 J
Acenaphthylene	NS	100	100	0.11 J	0.12 J	0.27 J	0.17 J
Anthracene	NS	100	100	0.3 J	0.23 J	0.63	0.29 J
Benzo(a)Anthracene	NS	1	1	0.8	0.87	1.9	1.1
Benzo(a)Pyrene	NS	1	1	0.61	0.71	1.5	0.99
Benzo(b)Fluoranthene	NS	1	1	0.9	0.95	2.1	1.4
Benzo(g,h,i)Perylene	NS	100	100	0.31 J	0.37 J	0.58	0.44
Benzo(k)Fluoranthene	NS	0.8	3.9	0.31	0.39	0.8	0.54
Chrysene	NS	1	3.9	0.8	0.88	1.7	1.1
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.11	0.13	0.19	0.16
Fluoranthene	NS	100	100	1.5	1.5	3.2	1.8
Fluorene	NS	30	100	0.17 J	0.072 J	0.17 J	0.11 J
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	0.35	0.41	0.67	0.53
Naphthalene	NS	12	100	0.092 J	0.19 J	0.18 J	0.1 J
Phenanthrene	NS	100	100	1.4	0.95	1.9	0.99
Pyrene	NS	100	100	1.4	1.6	2.8	1.8
Total PAHs	250	NS	NS	9.22	9.42	18.68	11.58

Table 11b
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Polycyclic Aromatic Hydrocarbons (PAHs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q
Acenaphthene	NS	20	100	0.27 J	1.1 U
Acenaphthylene	NS	100	100	0.27 J	0.82 U
Anthracene	NS	100	100	0.68	0.63 U
Benzo(a)Anthracene	NS	1	1	2.8	0.59 U
Benzo(a)Pyrene	NS	1	1	2.2	0.41 U
Benzo(b)Fluoranthene	NS	1	1	3	0.68 U
Benzo(g,h,i)Perylene	NS	100	100	0.92	1.4 UJ
Benzo(k)Fluoranthene	NS	0.8	3.9	1.2	0.67 U
Chrysene	NS	1	3.9	2.6	0.91 U
Dibenz(a,h)Anthracene	NS	0.33	0.33	0.29	0.72 UJ
Fluoranthene	NS	100	100	4.7	0.84 U
Fluorene	NS	30	100	0.27 J	0.91 U
Indeno(1,2,3-c,d)Pyrene	NS	0.5	0.5	1.1	0.94 U
Naphthalene	NS	12	100	0.35 J	1.1 U
Phenanthrene	NS	100	100	3.3	0.58 U
Pyrene	NS	100	100	4.7	1.6 U
Total PAHs	250	NS	NS	28.65	0 U

Table 11c
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.01 U	0.011 U	0.011 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.011 U	0.011 U	0.011 U

Table 11c
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.011 U	0.01 U	0.01 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.011 U	0.011 U	0.011 U

Table 11c
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.011 U	0.011 U	0.01 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.011 U	0.062 J	0.011 U	0.15
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.011 U	0.011 U	0.011 U
Total PCBs	2	0.1	1	0.011 U	0.062 J	0.011 U	0.15

Table 11c
West 29th Street
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Polychlorinated Biphenyls (PCBs) Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS	0.01 U	0.12 U
PCB-1221 (Aroclor 1221)	NS	NS	NS	0.01 U	0.12 U
PCB-1232 (Aroclor 1232)	NS	NS	NS	0.01 U	0.12 U
PCB-1242 (Aroclor 1242)	NS	NS	NS	0.01 U	0.12 U
PCB-1248 (Aroclor 1248)	NS	NS	NS	0.01 U	0.12 U
PCB-1254 (Aroclor 1254)	NS	NS	NS	0.011 U	0.11 U
PCB-1260 (Aroclor 1260)	NS	NS	NS	0.11	0.11 U
PCB-1262 (Aroclor 1262)	NS	NS	NS	0.011 U	0.11 U
PCB-1268 (Aroclor 1268)	NS	NS	NS	0.011 U	0.11 U
Total PCBs	2	0.1	1	0.11	0.12 U

Table 11d
West 29th Street
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New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.00079 U	0.00082 U	0.00081 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00088 U	0.00088 U	0.0009 U	0.00089 U
Beta Endosulfan	NS	NS	0.002 U	0.002 U	0.0021 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00048 U	0.00049 U	0.00049 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.00098 U	0.001 U	0.001 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0012 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0018 U	0.0019 U	0.0019 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0016 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.00072 U	0.00075 U	0.00074 U
Heptachlor	0.042	2.1	0.00092 U	0.00092 U	0.00095 U	0.00094 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0013 U	0.0014 U	0.0014 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.00092 U	0.00095 U	0.00094 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.0045 J	0.0015 U	0.0015 U
Toxaphene	NS	NS	0.028 U	0.028 U	0.029 U	0.029 U

Table 11d
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Track 4: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 1 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00082 U	0.00079 U	0.0008 U	0.00078 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0009 U	0.00087 U	0.00088 U	0.00086 U
Beta Endosulfan	NS	NS	0.0021 U	0.002 U	0.002 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00049 U	0.00048 U	0.00048 U	0.00047 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.001 U	0.00098 U	0.00099 U	0.00096 U
Endrin	0.014	11	0.0012 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0019 U	0.0018 U	0.0019 U	0.0018 U
Endrin Ketone	NS	NS	0.0016 U	0.0015 U	0.0015 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00075 U	0.00072 U	0.00073 U	0.00071 U
Heptachlor	0.042	2.1	0.00095 U	0.00092 U	0.00093 U	0.0009 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0017 U
P,P'-DDD	0.0033	13	0.0014 U	0.0013 U	0.0013 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00095 U	0.00092 U	0.00093 U	0.0009 U
P,P'-DDT	0.0033	7.9	0.0015 U	0.0037 J	0.0014 U	0.004 J
Toxaphene	NS	NS	0.029 U	0.028 U	0.028 U	0.028 U

Table 11d
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 1 mg/kg
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.00081 U	0.00081 U	0.00078 U
Alpha Endosulfan	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0012 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00087 U	0.00089 U	0.0009 U	0.00086 U
Beta Endosulfan	NS	NS	0.002 U	0.002 U	0.0021 U	0.002 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.00049 U	0.00049 U	0.00047 U
Dieldrin	0.005	0.2	0.001 U	0.001 U	0.001 U	0.001 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.001 U	0.001 U	0.00097 U
Endrin	0.014	11	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Endrin Aldehyde	NS	NS	0.0018 U	0.0019 U	0.0019 U	0.0018 U
Endrin Ketone	NS	NS	0.0015 U	0.0015 U	0.0016 U	0.0015 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.00074 U	0.00074 U	0.00071 U
Heptachlor	0.042	2.1	0.00092 U	0.00094 U	0.00095 U	0.00091 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.0012 U	0.0012 U	0.0011 U
Methoxychlor	NS	NS	0.0018 U	0.0018 U	0.0018 U	0.0018 U
P,P'-DDD	0.0033	13	0.0013 U	0.0014 U	0.0014 U	0.0013 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.00094 U	0.00095 U	0.00091 U
P,P'-DDT	0.0033	7.9	0.0067 J	0.023	0.0015 U	0.0014 U
Toxaphene	NS	NS	0.028 U	0.029 U	0.029 U	0.028 U

Table 11d
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Pesticides Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 1 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0012 U	0.003 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.00079 U	0.007 U
Alpha Endosulfan	NS	NS	0.0012 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.00087 U	0.004 U
Beta Endosulfan	NS	NS	0.002 U	0.004 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.00048 U	0.005 U
Dieldrin	0.005	0.2	0.001 U	0.003 U
Endosulfan Sulfate	NS	NS	0.00098 U	0.006 U
Endrin	0.014	11	0.0011 U	0.004 U
Endrin Aldehyde	NS	NS	0.0018 U	0.008 U
Endrin Ketone	NS	NS	0.0015 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.00072 U	0.012 U
Heptachlor	0.042	2.1	0.00092 U	0.003 U
Heptachlor Epoxide	NS	NS	0.0012 U	0.005 U
Methoxychlor	NS	NS	0.0018 U	0.004 U
P,P'-DDD	0.0033	13	0.0013 U	0.006 U
P,P'-DDE	0.0033	8.9	0.00092 U	0.002 U
P,P'-DDT	0.0033	7.9	0.0014 U	0.004 U
Toxaphene	NS	NS	0.028 U	0.11 U

Table 11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
RCRA 8 Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 1 mg/kg	EP-01_2_20191230 460-199888-1 12/30/2019 11:25:00 AM 4 mg/kg	EP-02_2_20200103 460-200051-1 1/3/2020 12:00:00 PM 2 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 1 mg/kg	EP-03_2_20191230 460-199888-2 12/30/2019 11:50:00 AM 4 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	9.6	7.9	NR	6.7
Barium	NS	350	400	NR	173 J	274	NR	129
Cadmium	NS	2.5	4.3	NR	0.59 J	0.63 J	NR	0.39 J
Chromium, Total	NS	NS	NS	NR	9.8	14.4	NR	15.8
Lead	1,000	63	400	NR	166	588	NR	203
Mercury	3	0.18	0.81	0.3 JL	NR	1.1	0.9	NR
Selenium	NS	3.9	180	NR	0.87 J	0.62 U	NR	0.81 U
Silver	NS	2	180	NR	1.3 U	1 U	NR	1.3 U

Table 11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
RCRA 8 Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 1 mg/kg	EP-X_2_20191230 460-199888-5 12/30/2019 11:10:00 AM 4 mg/kg	EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 4 mg/kg	EP-04_2_20191230 460-199888-3 12/30/2019 2:30:00 PM 5 mg/kg	EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	6	7.7	NR	NR
Barium	NS	350	400	NR	101	87.2	NR	NR
Cadmium	NS	2.5	4.3	NR	0.22 J	0.51 J	NR	NR
Chromium, Total	NS	NS	NS	NR	15.1	14.1	NR	NR
Lead	1,000	63	400	NR	217	234	NR	NR
Mercury	3	0.18	0.81	0.86	NR	NR	2.6	0.35
Selenium	NS	3.9	180	NR	0.78 U	0.8 U	NR	NR
Silver	NS	2	180	NR	1.3 U	1.3 U	NR	NR

Table 11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
RCRA 8 Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-05_2_20200103 460-200051-2 1/3/2020 12:05:00 PM 2 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 1 mg/kg	EP-06_2_20191230 460-199888-4 12/30/2019 11:20:00 AM 4 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 1 mg/kg	EP-07_2_20200103 460-200051-3 1/3/2020 11:30:00 AM 2 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	8	NR	12.3	NR	4.8
Barium	NS	350	400	273	NR	387	NR	89.3
Cadmium	NS	2.5	4.3	0.46 J	NR	0.81 J	NR	0.28 J
Chromium, Total	NS	NS	NS	13	NR	7.1	NR	5.3
Lead	1,000	63	400	422	NR	152	NR	99.5
Mercury	3	0.18	0.81	NR	0.29	NR	0.37	NR
Selenium	NS	3.9	180	0.63 U	NR	1.3 J	NR	0.59 U
Silver	NS	2	180	1 U	NR	1.3 U	NR	0.98 U

Table 11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
RCRA 8 Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 1 mg/kg	EP-08_2_20200103 460-200051-4 1/3/2020 11:35:00 AM 2 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 1 mg/kg	EP-09_2_20200103 460-200051-5 1/3/2020 11:40:00 AM 2 mg/kg	EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 1 mg/kg
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	NR	8.8	NR	7.6	NR
Barium	NS	350	400	NR	249	NR	136	NR
Cadmium	NS	2.5	4.3	NR	0.55 J	NR	0.27 J	NR
Chromium, Total	NS	NS	NS	NR	15	NR	9.1	NR
Lead	1,000	63	400	NR	607	NR	281	NR
Mercury	3	0.18	0.81	0.37	NR	0.47	NR	0.52
Selenium	NS	3.9	180	NR	0.58 U	NR	0.62 U	NR
Silver	NS	2	180	NR	0.95 U	NR	1 U	NR

Table 11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
RCRA 8 Metals Analytical Results

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit				EP-10_2_20200103 460-200051-6 1/3/2020 11:45:00 AM 2 mg/kg	EP-11_2_20200103 460-200051-7 1/3/2020 11:50:00 AM 2 mg/kg	EP-12_2_20200103 460-200051-8 1/3/2020 11:55:00 AM 2 mg/kg	FB_20200103 460-200051-10 1/3/2020 2:00:00 PM 1 µg/L
Compound	SSSCOs	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	NS	13	16	6.4	7.3	8	NR
Barium	NS	350	400	72.6	108	130	NR
Cadmium	NS	2.5	4.3	0.52 J	0.39 J	0.79	NR
Chromium, Total	NS	NS	NS	27.5	32.2	26.8	NR
Lead	1,000	63	400	287	262	501	NR
Mercury	3	0.18	0.81	NR	1.1	0.97	0.12 U
Selenium	NS	3.9	180	0.62 U	0.57 U	0.58 U	NR
Silver	NS	2	180	1 U	0.95 U	0.95 U	NR

Tables 11a-11e
West 29th Street
601 West 29th Street
New York, New York
Track 4: Post-Excavation Endpoint Sample Results
Notes

DEFINITIONS

- 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.
- NR** : Not reported.
- NS** : No standard.
- U** : The analyte was not detected at the indicated concentration.
- mg/kg** : milligrams per kilogram
- µg/L** : micrograms per Liter

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].

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

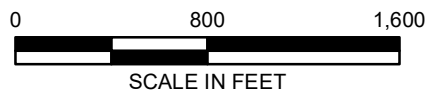
- Site-Specific Soil Cleanup Objectives** : Site-Specific Soil Cleanup Objectives listed in the NYSDEC-approved Remedial Action Work Plan (RAWP) dated May 2019, prepared by AKRF, Inc.

Exceedances of Site-Specific Soil Cleanup Objectives (SSSCOs) are highlighted in italics.

Sample EP-X_2_20191230 is a blind duplicate of sample EP-03_2_20191230.

FIGURES

© 2020 AKRF. W:\Projects\170087 - DD WEST 29TH ST\Technical\GIS and Graphics\Hazmat\170087 Fig 1 BCP Site Location.mxd 8/25/2020 1:20:10 PM mveilleux



440 Park Avenue South, New York, NY 10016

601 West 29th Street
Manhattan, New York

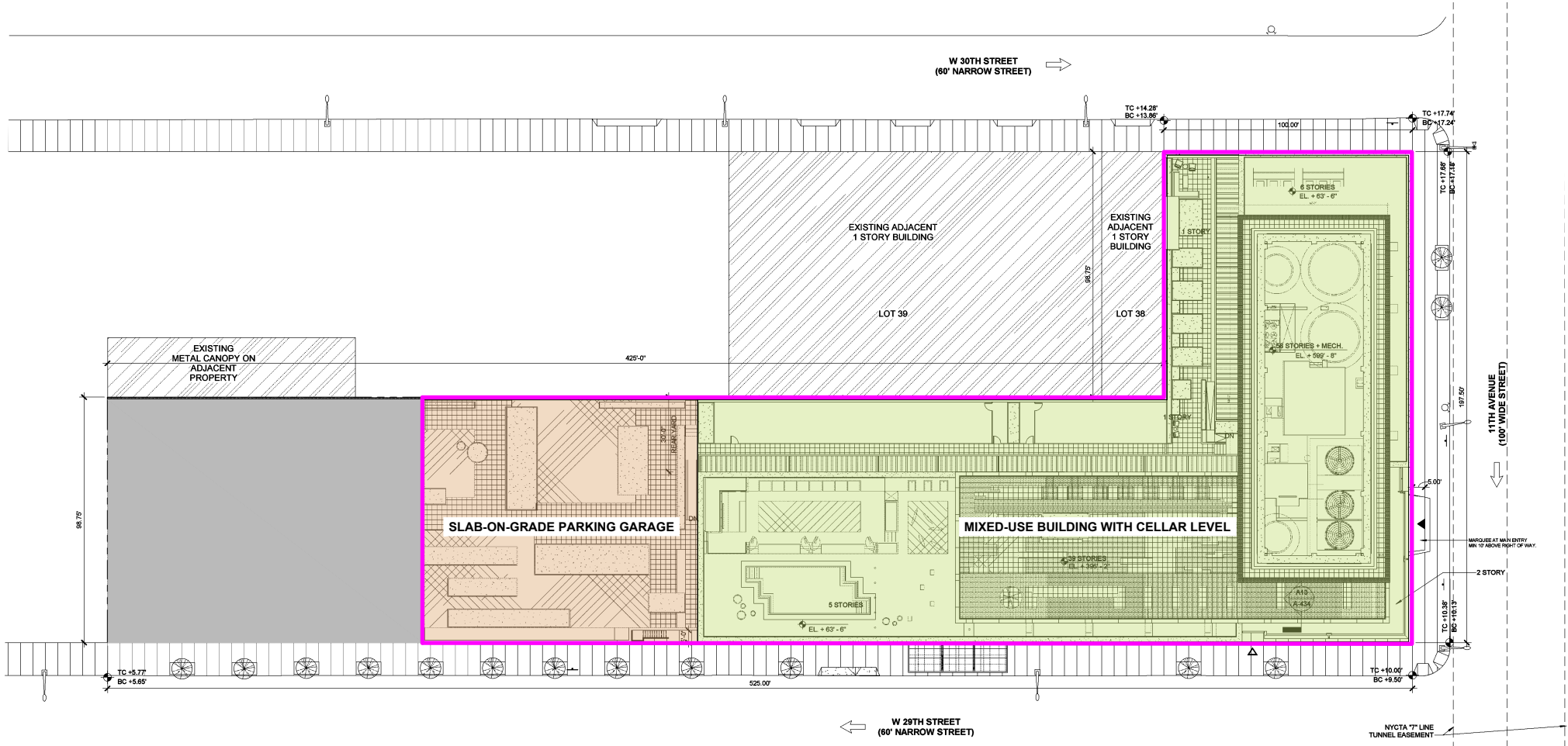
BCP SITE LOCATION

DATE
8/25/2020
PROJECT NO.
170087
FIGURE
1

©2020 AKRF, Inc. W:\Projects\170087 - DD WEST 29TH STREET\Technical\Hazmat\FERCAD\170087 Fig 2 Site Plan.dwg last save: mveilleux 8/25/2020 1:26 PM

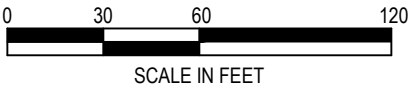
SOURCE:

FXCOLLABORATIVE ARCHITECTS "SITE PLAN, ABBREVIATIONS & SYMBOLS", DRAWING No. A-001, DATED 11-17-17 (CD PROGRESS SUBMISSION 09-21-2018).



LEGEND

- BCP SITE BOUNDARY
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)



601 West 29th Street
Manhattan, New York

SITE PLAN



440 Park Avenue South, New York, N.Y. 10016

DATE
8/25/2020

PROJECT NO.
170087

FIGURE
2

SOURCE:

FLEMING LEE SHUE ENVIRONMENTAL MANAGEMENT & CONSULTING
"SAMPLE LOCATIONS", FIGURE 4, DATED AUGUST 2013.

Sample ID	NYSDEC	NYSDEC	SB-11 (2-4)	SB-11 (7-9)
Date Sampled	UUSCOs	RRSCOs	6/5/2017	6/5/2017
Pesticides	mg/kg	mg/kg	mg/kg	mg/kg
4,4'-DDT	0.0033	7.9	0.0035	NE
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	15.9	NE
Cadmium	2.5	4.3	6.4	NE
Chromium, Hexavalent	1	110	11.6	1.9
Copper	50	270	63.9	NE
Lead	63	400	147	89
Mercury	0.18	0.81	0.46	NE
Zinc	109	10,000	185	NE

Sample ID	NYSDEC	NYSDEC	SB-5 (2-3)
Date Sampled	UUSCOs	RRSCOs	6/5/2013
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	16
Benzo(a)pyrene	1	1	17
Benzo(b)fluoranthene	1	1	19
Benzo(k)fluoranthene	0.8	3.9	8.2
Chrysene	1	3.9	18
Dibenz(a,h)anthracene	0.33	0.33	2.6
Indeno(1,2,3-cd)pyrene	0.5	0.5	12
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	88.6
Mercury	0.18	0.81	0.35
Zinc	109	10,000	114

Sample ID	NYSDEC	NYSDEC	RI-SB-2(3-5)	RI-SB-2(9-11)
Date Sampled	UUSCOs	RRSCOs	7/11/2018	7/11/2018
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	8.3	7.4
Benzo(a)pyrene	1	1	7.5	6
Benzo(b)fluoranthene	1	1	10	7.7
Benzo(k)fluoranthene	0.8	3.9	4.2	2.9
Chrysene	1	3.9	9.1	7.7
Dibenz(a,h)anthracene	0.33	0.33	NE	0.82
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.1	3.4
Pesticides	mg/kg	mg/kg	mg/kg	mg/kg
4,4'-DDD	0.0033	13	NE	0.016 J
Dieldrin	0.005	0.2	0.012 J	0.017 J
PCBs	mg/kg	mg/kg	mg/kg	mg/kg
Total PCBs	0.1	1	0.66	0.87
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	NE	61.3
Lead	63	400	209	228
Mercury	0.18	0.81	0.76	0.54
Zinc	109	10,000	778	1,230

Sample ID	NYSDEC	NYSDEC	SB-8 (8-9)
Date Sampled	UUSCOs	RRSCOs	6/5/2013
SVOCs	mg/kg	mg/kg	mg/kg
Acenaphthene	20	100	36
Benzo(a)anthracene	1	1	100
Benzo(a)pyrene	1	1	82
Benzo(b)fluoranthene	1	1	97
Benzo(k)fluoranthene	0.8	3.9	33
Chrysene	1	3.9	100
Dibenz(a,h)anthracene	0.33	0.33	16
Dibenzofuran	7	59	36
Fluoranthene	100	100	260
Fluorene	30	100	45
Indeno(1,2,3-cd)pyrene	0.5	0.5	56
Naphthalene	12	100	18
Phenanthrene	100	100	330
Pyrene	100	100	170
PCBs	mg/kg	mg/kg	mg/kg
Total PCBs	0.1	1	0.28
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	209
Mercury	0.18	0.81	0.91
Zinc	109	10,000	206

Sample ID	NYSDEC	NYSDEC	RI-SB-3(3-5)	RI-SB-3(5-7)
Date Sampled	UUSCOs	RRSCOs	7/11/2018	7/11/2018
VOCs	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	0.05	100	0.053	NE
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	6.1	1.7 J
Benzo(a)pyrene	1	1	5	NE
Benzo(b)fluoranthene	1	1	6.9	1.4 J
Benzo(k)fluoranthene	0.8	3.9	2.7	NE
Chrysene	1	3.9	5.6	1.2 J
Dibenz(a,h)anthracene	0.33	0.33	0.74	NE
Indeno(1,2,3-cd)pyrene	0.5	0.5	3.1	NE
Pesticides	mg/kg	mg/kg	mg/kg	mg/kg
4,4'-DDD	0.0033	13	0.043	0.044
4,4'-DDT	0.0033	7.9	0.026 J	0.019 J
Dieldrin	0.005	0.2	0.011	0.017 J
PCBs	mg/kg	mg/kg	mg/kg	mg/kg
Total PCBs	0.1	1	0.69	0.73
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	96.2 J	NE
Lead	63	400	418	182
Mercury	0.18	0.81	0.67	1
Nickel	30	310	44.3 J	NE
Zinc	109	10,000	676	NE

Sample ID	NYSDEC	NYSDEC	RI-SB-5 (1-3)	RI-SB-5 (10-12)
Date Sampled	UUSCOs	RRSCOs	7/9/2018	7/9/2018
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	60.7	NE
Lead	63	400	572	89.6
Mercury	0.18	0.81	0.46	NE
Zinc	109	10,000	169	NE

Sample ID	NYSDEC	NYSDEC	SB-13 (1-3)
Date Sampled	UUSCOs	RRSCOs	6/5/2017
Metals	mg/kg	mg/kg	mg/kg
Chromium, Hexavalent	1	110	1.2
Lead	63	400	81.9
Mercury	0.18	0.81	0.26

Sample ID	NYSDEC	NYSDEC	SB-12 (1-3)
Date Sampled	UUSCOs	RRSCOs	6/5/2017
Metals	mg/kg	mg/kg	mg/kg
Lead	63	400	118

Sample ID	NYSDEC	NYSDEC	SB-4 (13-14)
Date Sampled	UUSCOs	RRSCOs	6/5/2013
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	1.9
Benzo(a)pyrene	1	1	1.5
Benzo(b)fluoranthene	1	1	1.7
Chrysene	1	3.9	1.8
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.99

Sample ID	NYSDEC	NYSDEC	PDI-SB-02(3-5)	PDI-SB-02(13-15)
Date Sampled	UUSCOs	RRSCOs	1/7/2019	1/7/2019
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	8.9	3
Benzo(a)pyrene	1	1	6.6	2.5
Benzo(b)fluoranthene	1	1	9	3.2
Benzo(k)fluoranthene	0.8	3.9	4.1	1.4
Chrysene	1	3.9	7.9	2.8
Dibenz(a,h)anthracene	0.33	0.33	1.2	0.46
Indeno(1,2,3-cd)pyrene	0.5	0.5	4	1.5
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	103	NA
Lead	63	400	765	163
Mercury	0.18	0.81	1.1	0.3
Zinc	109	10,000	985	NA

Sample ID	NYSDEC	NYSDEC	PDI-SB-10(3-5)	PDI-SB-01(8-10)	PDI-SB-01(13-15)
Date Sampled	UUSCOs	RRSCOs	1/4/2019	1/4/2019	1/4/2019
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	1.2	3.0	2.6
Benzo(a)pyrene	1	1	1.2	2.4	1.9
Benzo(b)fluoranthene	1	1	1.7	2.8	2.4
Benzo(k)fluoranthene	0.8	3.9	NE	1	0.87
Chrysene	1	3.9	1.1	2.6	2.4
Dibenz(a,h)anthracene	0.33	0.33	NE	0.34	NE
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.81	1.3	1.1
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	NA	95.3	NA
Lead	63	400	NE	378	148 JL
Mercury	0.18	0.81	0.46	NE	NE

Sample ID	NYSDEC	NYSDEC	RI-SB-9(1-3)	RI-SB-9(13-15)
Date Sampled	UUSCOs	RRSCOs	7/10/2018	7/10/2018
Pesticides	mg/kg	mg/kg	mg/kg	mg/kg
4,4'-DDD	0.0033	13	0.026 J	NE
4,4'-DDE	0.0033	8.9	0.1	NE
4,4'-DDT	0.0033	7.9	0.035	0.14
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	71	NE
Mercury	0.18	0.81	3.2	NE

Sample ID	NYSDEC	NYSDEC	MW-2 (9-10)
Date Sampled	UUSCOs	RRSCOs	2/2005
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	6.1
Benzo(a)pyrene	1	1	4.7
Benzo(b)fluoranthene	1	1	3.9
Chrysene	1	3.9	5.3
Dibenz(a,h)anthracene	0.33	0.33	0.78
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.3

Sample ID	NYSDEC	NYSDEC	PDI-SB-12(3-5)	PDI-SB-12(8-10)	PDI-SB-12(16-18)
Date Sampled	UUSCOs	RRSCOs	1/10/2019	1/10/2019	1/10/2019
VOCs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Ethylbenzene	1	41	NA	NA	67
Xylenes (Total)	0.26	100	NA	NA	202
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	1	16	NE	NE	32.7
Barium	350	400	NE	NE	607
Copper	50	270	NA	NA	71.1
Lead	63	400	254	107	1,660
Mercury	0.18	0.81	0.49	NE	0.22

Sample ID	NYSDEC	NYSDEC	RI-SB-9(13-15)
Date Sampled	UUSCOs	RRSCOs	7/10/2018
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	NE
Benzo(a)pyrene	1	1	7.1
Benzo(b)fluoranthene	1	1	NE
Benzo(k)fluoranthene	0.8	3.9	NE
Chrysene	1	3.9	NE
Dibenz(a,h)anthracene	0.33	0.33	NE
Indeno(1,2,3-cd)pyrene	0.5	0.5	NE
Metals	mg/kg	mg/kg	mg/kg
Cadmium	2.5	4.3	NE
Copper	50	270	101
Lead	63	400	299
Mercury	0.18	0.81	0.54
Silver	2	180	NE
Zinc	109	10,000	143

Sample ID	NYSDEC	NYSDEC	PDI-SB-11(3-5)	PDI-SB-11(8-10)	PDI-SB-11(16-18)
Date Sampled	UUSCOs	RRSCOs	11/28/2018	11/28/2018	11/28/2018
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	1.1	12	3.1
Benzo(a)pyrene	1	1	1.2	11	3
Benzo(b)fluoranthene	1	1	1.7	14	3.6
Benzo(k)fluoranthene	0.8	3.9	NE	8.5	1.2
Chrysene	1	3.9	1.3	11	3.2
Dibenz(a,h)anthracene	0.33	0.33	NE	1.8	0.5
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.89	7.3	2
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	297	153	NE
Mercury	0.18	0.81	0.56	0.73	0.42

Sample ID	NYSDEC	NYSDEC	MW-4 (10-11)
Date Sampled	UUSCOs	RRSCOs	2/2005
VOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	0.26	100	1.39

Sample ID	NYSDEC	NYSDEC	RI-SB-7(13-15)
Date Sampled	UUSCOs	RRSCOs	7/10/2018
VOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	0.06	4.8	0.077 J
Benzo(b)fluoranthene	0.26	100	6.9
Chrysene	0.26	100	7.05
Xylenes (total)	0.26	100	1.72

Sample ID	NYSDEC	NYSDEC	RI-SB-6 (1-3)
Date Sampled	UUSCOs	RRSCOs	7/9/2018
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	2.2
Benzo(a)pyrene	1	1	2.2
Benzo(b)fluoranthene	1	1	2.7
Benzo(k)fluoranthene	0.8	3.9	0.93
Chrysene	1	3.9	1.1
Dibenz(a,h)anthracene	0.33	0.33	NE
Indeno(1,2,3-cd)pyrene	0.5	0.5	1.1
Metals	mg/kg	mg/kg	mg/kg
Copper	50	270	84.7
Lead	63	400	585
Mercury	0.18	0.81	0.47
Zinc	109	10,000	309

Sample ID	NYSDEC	NYSDEC	PDI-SB-10(3-5)	PDI-SB-10(13-15)
Date Sampled	UUSCOs	RRSCOs	1/4/2019	1/4/2019
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	NE	1.2
Benzo(a)pyrene	1	1	NE	1.1
Benzo(b)fluoranthene	1	1	NE	1.1
Chrysene	1	3.9	NE	1.1
Dibenz(a,h)anthracene	0.5	0.5	NE	0.68
Indeno(1,2,3-cd)pyrene	0.5	0.5	NE	0.68
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Copper	50	270	84.7	NE
Lead	63	400	424 JL	257 JL
Mercury	0.18	0.81	0.32	0.57

Sample ID	NYSDEC	NYSDEC	SB-1 (14-15)
Date Sampled	UUSCOs	RRSCOs	6/4/2013
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	1.06
Benzo(a)pyrene	1	1	1.35
Benzo(b)fluoranthene	1	1	1.18
Chrysene	1	3.9	1.18
Dibenz(a,h)anthracene	0.5	0.5	0.557
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.557
Pesticides	mg/kg	mg/kg	mg/kg
4,4'-DDT	0.0033	7.9	0.0177
Metals	mg/kg	mg/kg	mg/kg
Chromium, Hexavalent	1	110	1.3
Copper	50	270	50.1
Lead	63	400	253
Zinc	109	10,000	299

Sample ID	NYSDEC	NYSDEC	SB-14 (3-5)	SB-14 (13-15)
Date Sampled	UUSCOs	RRSCOs	6/5/2017	6/5/2017
SVOCs	mg/kg	mg/kg	mg/kg	mg/kg
Benzo(a)anthracene	1	1	1.06	NE
Benzo(b)fluoranthene	1	1	1.35	NE
Chrysene	1	3.9	1.18	NE
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.557	NE
Pesticides	mg/kg	mg/kg	mg/kg	mg/kg
4,4'-DDT	0.0033	7.9	0.0177	NE
Metals	mg/kg	mg/kg	mg/kg	mg/kg
Chromium, Hexavalent	1	110	1.3	1.5
Copper	50	270	50.1	26.1
Lead	63	400	253	89.3
Zinc	109	10,000	299	NE

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Sample ID	NYSDEC Class	RI-MW-5-20180709
Date Sampled	GA AWQS	7/9/2018
Total Metals	µg/L	µg/L
Iron	300	8,090
Lead	25	26.3
Manganese	300	2,340
Sodium	20,000	227,000

Sample ID	NYSDEC Class	PDI-MW-01
Date Sampled	GA AWQS	1/7/2019
SVOCs	µg/L	µg/L
Benzo(a)Anthracene	0.002	1.1
Benzo(a)Pyrene	ND	0.79 J
Chrysene	0.002	1 J

Sample ID	NYSDEC Class	RI-MW-3-20180711
Date Sampled	GA AWQS	7/11/2018
Total Metals	µg/L	µg/L
Iron	300	8,630
Magnesium	35,000	89,700
Manganese	300	577
Sodium	20,000	125,000
Dissolved Metals	µg/L	µg/L
Iron	300	1,260
Magnesium	35,000	85,900
Manganese	300	529
Sodium	20,000	118,000

Sample ID	NYSDEC Class	RI-MW-2-20180711	RI-MW-X-20180711
Date Sampled	GA AWQS	7/11/2018	7/11/2018
SVOCs	µg/L	µg/L	µg/L
Benzo(a)Anthracene	0.002	1.1	0.83 J
Benzo(a)Pyrene	ND	0.91 J	0.57 J
Chrysene	0.002	1.1 J	NE
Total Metals	µg/L	µg/L	µg/L
Chromium, Total	50	NE	78.3
Iron	300	5,900	5,350
Lead	25	147	106
Magnesium	35,000	69,500	68,200
Manganese	300	839	814
Sodium	20,000	247,000	246,000
Dissolved Metals	µg/L	µg/L	µg/L
Iron	300	1,950	1,970
Magnesium	35,000	66,500	67,700
Manganese	300	688	721
Sodium	20,000	227,000	236,000

Sample ID	NYSDEC Class	RI-MW-1-20180726
Date Sampled	GA AWQS	7/11/2018
Total Metals	µg/L	µg/L
Iron	300	974
Magnesium	35,000	58,000

Sample ID	NYSDEC Class	RI-MW-9-20180710
Date Sampled	GA AWQS	7/10/2018
VOCs	µg/L	µg/L
Benzene	1	2.2
Ethylbenzene	5	8.7
Isopropylbenzene (Cumene)	5	6.6
M,P-Xylenes	5	5.5
Tert-Butyl Methyl Ether	10	32
Total Metals	µg/L	µg/L
Antimony	3	4.1
Iron	300	6,000
Manganese	300	1,060
Sodium	20,000	114,000
Dissolved Metals	µg/L	µg/L
Iron	300	1,990
Manganese	300	727
Sodium	20,000	109,000

Sample ID	NYSDEC Class	RI-MW-7-20180710
Date Sampled	GA AWQS	7/10/2018
VOCs	µg/L	µg/L
Benzene	1	21
Ethylbenzene	5	21
Isopropylbenzene (Cumene)	5	8.7
M,P-Xylenes	5	75
O-Xylene (1,2-Dimethylbenzene)	5	24
Toluene	5	5.8
VOCs	µg/L	µg/L
Naphthalene	10	11
Total Metals	µg/L	µg/L
Iron	300	4,690
Manganese	300	1,080
Sodium	20,000	92,500
Dissolved Metals	µg/L	µg/L
Iron	300	4,360
Manganese	300	1,020
Sodium	20,000	85,300

WEST 30TH STREET

11TH AVENUE

WEST 29TH STREET

Sample ID	NYSDEC Class	PDI-MW-05
Date Sampled	GA AWQS	12/27/2018
VOCs	µg/L	µg/L
Benzene	1	2.1
Tert-Butyl Methyl Ether	10	34
SVOCs	µg/L	µg/L
Acenaphthene	20	32

Sample ID	NYSDEC Class	RI-MW-6-20180709
Date Sampled	GA AWQS	7/9/2018
Total Metals	µg/L	µg/L
Antimony	3	4.6
Iron	300	44,000
Lead	25	129
Manganese	300	2,540
Sodium	20,000	348,000
Dissolved Metals	µg/L	µg/L
Iron	300	10,800
Manganese	300	1,550
Sodium	20,000	390,000

Sample ID	NYSDEC Class	RI-MW-8-20180710
Date Sampled	GA AWQS	7/10/2018
Total Metals	µg/L	µg/L
Iron	300.00	9,290
Lead	25.00	33.90
Manganese	300.00	1,110
Sodium	20,000.00	99,100
Dissolved Metals	µg/L	µg/L
Iron	300.00	5,210
Manganese	300.00	1,380
Sodium	20,000.00	117,000

GROUNDWATER

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

Exceedances of the AWQS are shown in bold font.

µg/L : micrograms per liter = parts per billion (ppb)

ND : Not Detected

NE : The analyte was not detected at a concentration above the AWQS.

J : The reported concentration is an estimated value.

Sample RI-MW-X-20180711 is a blind duplicate of sample RI-MW-2-20180711.

LEGEND

PROJECT SITE BOUNDARY

FORMER SITE BUILDING

RI SOIL BORING/TEMPORARY MONITORING WELL LOCATION (JULY 2018)

RI SOIL BORING/PERMANENT MONITORING WELL LOCATION (JULY 2018)

PDI TEMPORARY MONITORING WELL LOCATION (DECEMBER 2018 - JANUARY 2019)



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



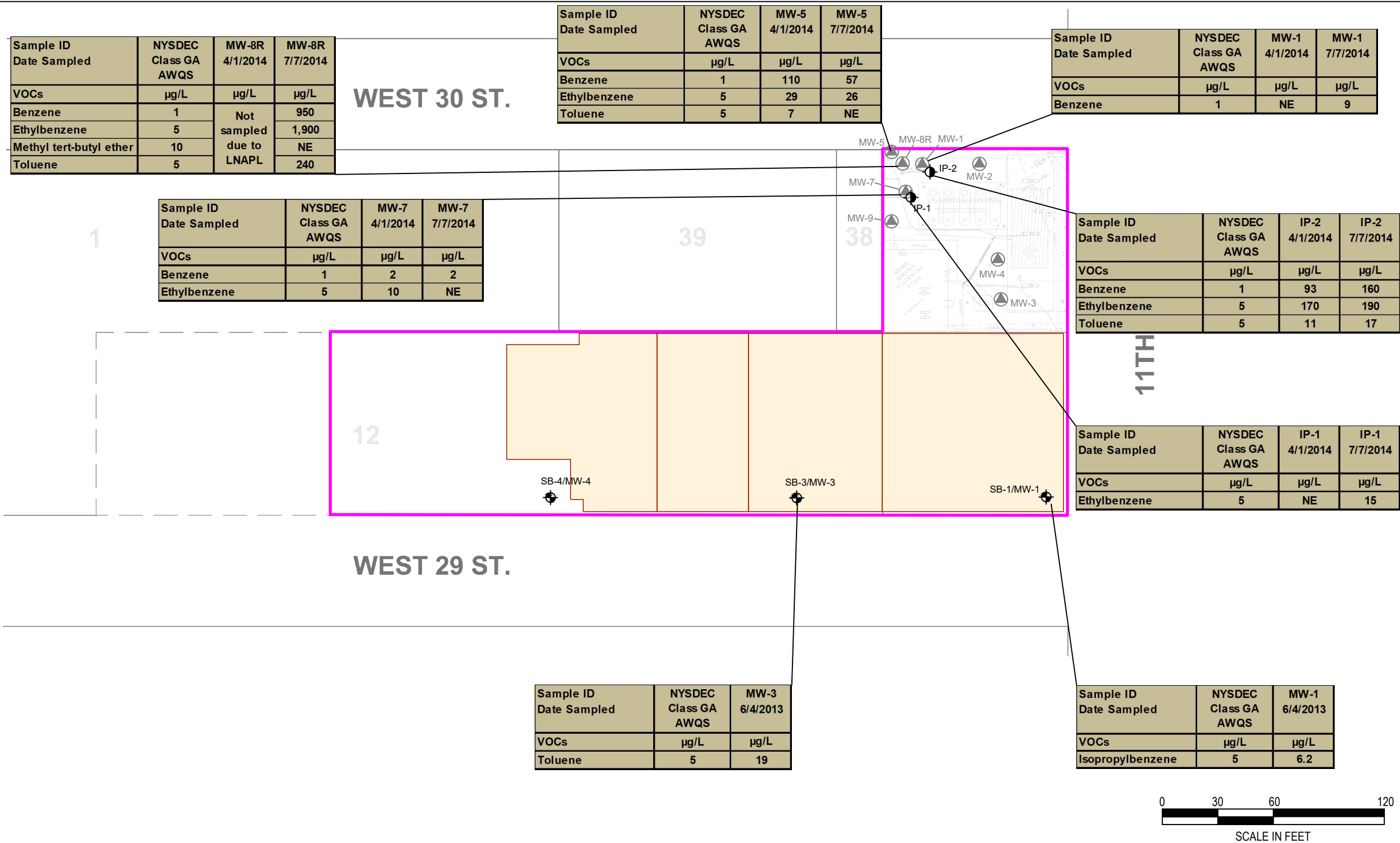
440 Park Avenue South, New York, N.Y. 10016

601 West 29th Street
Manhattan, New York

RI AND PDI GROUNDWATER SAMPLE CONCENTRATIONS ABOVE NYSDEC AWQS

DATE
9/16/2020
PROJECT NO.
170087
FIGURE
4

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SOURCE:

FLEMING LEE SHUE ENVIRONMENTAL MANAGEMENT & CONSULTING
"SAMPLE LOCATIONS", FIGURE 4, DATED AUGUST 2013.

601 West 29th Street
Manhattan, New York

HISTORIC GROUNDWATER SAMPLE CONCENTRATIONS
ABOVE NYSDEC AWQS



440 Park Avenue South, New York, N.Y. 10016

DATE
9/16/2020

PROJECT NO.
170087

FIGURE
4a

Sample ID	SG-2
Date Sampled	6/5/2013
VOCs	µg/m ³
1,2,4-Trimethylbenzene	3.5
1,3,5-Trimethylbenzene (Mesitylene)	1.4 J
1,3-Butadiene	0.28 J
1,3-Dichlorobenzene	3.6
1,4-Dichlorobenzene	0.82 J
2,2,4-Trimethylpentane	1.2 J
2-Chlorotoluene	3.5
4-Ethyltoluene	1.9
4-Isopropyltoluene	0.48 J
Acetone	140
Benzene	13
Bromodichloromethane	1.9
Carbon Disulfide	8.2
Chloroform	230.0
Cyclohexane	0.94 J
Dichlorodifluoromethane	2.8 J
Ethylbenzene	8.8
Freon 11	2.6 J
Freon 113	0.6 J
Isopropyl Alcohol	16.3
M,P-Xylenes	30
Methyl Butyl Ketone (2-Hexanone)	1.2 J
Methyl Ethyl Ketone (2-Butanone)	10
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.4
Methyl Methacrylate	0.79 J
Methyl Tert-Butyl Ether	6.7
Methylene Chloride	6.1 B
N-Butane	6.2
N-Heptane	4.5
N-Hexane	3.3
N-Propylbenzene	1.4 J
Styrene	2.5
Tert-Butyl Alcohol	29
Tetrachloroethene (PCE)	33
Toluene	54
Trichloroethene (TCE)	0.64 J
Trichlorofluoromethane	1.4 J
O-Xylene	8.8
Xylenes, Total	38

Sample ID	RI-SV-4-20180711
Date Sampled	7/11/2018
VOCs	µg/m ³
1,1-Dichloroethane	16,000
1,1-Dichloroethene	93
1,3-Butadiene	73
Benzene	1,600
Butane	2,400
Carbon Disulfide	2,600
Chloroethane	1,700
Chloromethane	200
Cyclohexane	240
Ethylbenzene	250
M,P-Xylenes	370
Methyl Ethyl Ketone (2-Butanone)	180
N-Heptane	640
N-Hexane	850
O-Xylene (1,2-Dimethylbenzene)	190
Toluene	710
Trichloroethene (TCE)	25
Vinyl Chloride	43
Xylenes, Total	560

Sample ID	PDI-SV-01
Date Sampled	1/7/2019
VOCs	µg/m ³
Benzene	11 J
Butane	950
N-Heptane	1,200
N-Hexane	1,700
Toluene	19 J

Sample ID	RI-AA-20180712
Date Sampled	7/12/2018
VOCs	µg/m ³
Carbon Tetrachloride	0.31
Toluene	0.96

Sample ID	RI-SV-3-20180711
Date Sampled	7/11/2018
VOCs	µg/m ³
2,2,4-Trimethylpentane	200
Butane	14,000
Carbon Disulfide	1,300
Chlorodifluoromethane	940
Cyclohexane	860
Ethylbenzene	200
Isopropylbenzene (Cumene)	1,100
N-Heptane	840
N-Hexane	3,100

Sample ID	PDI-SV-03
Date Sampled	12/26/2018
VOCs	µg/m ³
1,1-Dichloroethane	0.18 J
1,2,4-Trimethylbenzene	26
1,3,5-Trimethylbenzene	6.3
1,3-Butadiene	2.6
2,2,4-Trimethylpentane	36
2-Hexanone	5.7
4-Ethyltoluene	17
Acetone	59
Benzene	38
Bromodichloromethane	5.8
Butane	37
Carbon Disulfide	3.4
Carbon Tetrachloride	0.4
Chlorodifluoromethane	1.2 J
Chloroform	19
Cyclohexane	6.2
Cymene	0.81 J
Dibromochloromethane	2.3
Dichlorodifluoromethane	1.6 J
Ethylbenzene	46
Isopropanol	4.7 J
Isopropylbenzene	2.9
M,P-Xylenes	190
Methyl Ethyl Ketone	15
Methyl Isobutyl Ketone	3.5
N-Butylbenzene	1.9
N-Heptane	34
N-Hexane	19
N-Propylbenzene	9.8
O-Xylene (1,2-Dimethylbenzene)	44
Tert-Butyl Alcohol	9.3 J
Tert-Butyl Methyl Ether	1
Tetrachloroethylene (PCE)	2.7
Tetrahydrofuran	8.4 J
Toluene	300 D
Trichloroethylene (TCE)	0.3
Trichlorofluoromethane	0.92 J

Sample ID	PDI-SV-02
Date Sampled	12/26/2018
VOCs	µg/m ³
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5 J
1,2,4-Trimethylbenzene	31
1,3,5-Trimethylbenzene (Mesitylene)	11
1,3-Butadiene	1.2
2,2,4-Trimethylpentane	55
2-Hexanone	6.5
4-Ethyltoluene	18
Acetone	110 DJ
Benzene	25
Bromodichloromethane	14
Bromoform	13
Butane	200 D
Carbon Disulfide	35
Carbon Tetrachloride	0.48
Chlorodifluoromethane	88
Chloroform	12
Cyclohexane	360 D
Cymene	2.3
Dibromochloromethane	21
Dichlorodifluoromethane	1.8 J
Ethylbenzene	48
Isopropylbenzene (Cumene)	5.1
M,P-Xylenes	200
Methyl Ethyl Ketone (2-Butanone)	19
Methyl Isobutyl Ketone	4.6
N-Butylbenzene	1.4
N-Heptane	31
N-Hexane	28
N-Propylbenzene	12
O-Xylene (1,2-Dimethylbenzene)	51
Tert-Butyl Alcohol	15
Tert-Butyl Methyl Ether	15
Tetrachloroethylene (PCE)	2
Tetrahydrofuran	13 J
Toluene	240 D
Trichlorofluoromethane	1.1 J

Sample ID	RI-SV-10-20180710
Date Sampled	7/10/2018
VOCs	µg/m ³
2,2,4-Trimethylpentane	6,800,000
Benzene	60,000
Butane	710,000
Cyclohexane	1,700,000
Ethylbenzene	74,000
N-Heptane	2,600,000
N-Hexane	5,100,000

Sample ID	RI-SV-9-20180710
Date Sampled	7/10/2018
VOCs	µg/m ³
1,3-Dichlorobenzene	45
2,2,4-Trimethylpentane	1,800
2-Hexanone	45
Acetone	250
Benzene	57
Butane	160
Cyclohexane	51
M,P-Xylenes	48
Methyl Ethyl Ketone (2-Butanone)	190
N-Heptane	48
N-Hexane	56
O-Xylene (1,2-Dimethylbenzene)	19
Toluene	150
Xylenes, Total	67

Sample ID	RI-SV-8-20180709
Date Sampled	7/9/2018
VOCs	µg/m ³
1,1,1-Trichloroethane	2.8
1,2,4-Trimethylbenzene	16
1,3,5-Trimethylbenzene (Mesitylene)	8.5
2,2,4-Trimethylpentane	15
2-Hexanone	14
Cyclohexane	4.4
Acetone	62
Benzene	110
Benzyl Chloride	14
Butane	5.7
Carbon Disulfide	13
Carbon Tetrachloride	8
Chloroform	2.4
Cyclohexane	5.4
Cymene	9.6
Ethylbenzene	32
Isopropylbenzene (Cumene)	5.1
M,P-Xylenes	120
Methyl Ethyl Ketone (2-Butanone)	67
Methyl Methacrylate	94
N-Heptane	20
N-Hexane	16
N-Propylbenzene	2.6
O-Xylene (1,2-Dimethylbenzene)	49
Styrene	7.4
Tetrachloroethene (PCE)	7.6
Tetrahydrofuran	48
Toluene	150

Sample ID	PDI-SV-04
Date Sampled	1/4/2019
VOCs	µg/m ³
1,2,4-Trimethylbenzene	4
1,3,5-Trimethylbenzene	1.2 J
1,4-Dichlorobenzene	2.9
2,2,4-Trimethylpentane	2.6
4-Ethyltoluene	1.1 J
Acetone	35
Benzene	4.3
Butane	11
Carbon Disulfide	1.1 J
Chloroform	1.4 J
Cyclohexane	7.8
Cymene	1.2 J
Ethylbenzene	4.4
Isopropanol	23 J
M,P-Xylenes	15
Methyl Ethyl Ketone	20
Methyl Isobutyl Ketone	3.6 J
N-Heptane	4
N-Hexane	3
N-Propylbenzene	0.76 J
O-Xylene	5.1
Styrene	0.71 J
Tert-Butyl Alcohol	9.6 J
Tetrachloroethylene (PCE)	3.3
Toluene	25

Sample ID	PDI-AA-01
Date Sampled	11/28/2018
VOCs	µg/m ³
Acetone	13
Benzene	0.83
Butane	2.2
Carbon Tetrachloride	0.38
Chloromethane	2.6
Dichlorodifluoromethane	2.5
Methyl Ethyl Ketone (2-Butanone)	2.6
Methylene Chloride	2.3
N-Hexane	1.2
Toluene	1.8
Trichlorofluoromethane	1.2

Sample ID	RI-SV-7-20180711
Date Sampled	7/11/2018
VOCs	µg/m ³
1,1,1-Trichloroethane	3.3
1,2,4-Trimethylbenzene	8.5
1,3,5-Trimethylbenzene (Mesitylene)	3.5
1,3-Butadiene	1.3
2,2,4-Trimethylpentane	2.6
2-Hexanone	4
4-Ethyltoluene	2
Acetone	78
Benzene	5.2
Carbon Disulfide	2.9
Carbon Tetrachloride	0.22
Chlorodifluoromethane	2.1
Chloroform	2.4
Cyclohexane	3.1
Cymene	1.5
Dichlorodifluoromethane	2.6
Ethylbenzene	3.2
M,P-Xylenes	12
Methyl Ethyl Ketone (2-Butanone)	17
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3.2
N-Heptane	7.6
N-Hexane	7.4
N-Propylbenzene	1.6
O-Xylene (1,2-Dimethylbenzene)	5.6
Styrene	1.4
Tetrachloroethene (PCE)	17
Toluene	14
Trichlorofluoromethane	1.6
Xylenes, Total	17

Sample ID	PDI-SV-05
Date Sampled	11/28/2018
VOCs	µg/m ³
1,2,4-Trimethylbenzene	7.8
1,3,5-Trimethylbenzene	3.3
1,3-Butadiene	1.4
2,2,4-Trimethylpentane	220
Acetone	140
Benzene	20
Butane	50
Carbon Disulfide	4.8
Chloroform	22
Cymene	4.4
M,P-Xylenes	27
Methyl Ethyl Ketone	32
N-Heptane	25
N-Hexane	15
O-Xylene	11
Toluene	73

LEGEND

- PROJECT SITE BOUNDARY
- FORMER SITE BUILDING
- RI SOIL VAPOR LOCATION (JULY 2018)
- RI AMBIENT AIR SAMPLE LOCATION (JULY 2018)
- PDI SOIL VAPOR LOCATION (NOVEMBER 2018 - JANUARY 2019)
- PDI AMBIENT AIR SAMPLE LOCATION (NOVEMBER 2018)
- SOIL GAS SAMPLE LOCATION (JUNE 2013)



Analyte/Compound	Sample ID	Sample Date	Concentration
	RI-AA-20180712	7/12/2018	
	VOCs	µg/m ³	
	Carbon Tetrachloride	0.31	
	Toluene	0.96	

µg/m³ : micrograms per cubic meter

D : The result reported is from a diluted analysis.

J : The reported concentration is an estimated value.

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

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PHASE II, RI AND PDI SOIL VAPOR SAMPLE CONCENTRATIONS

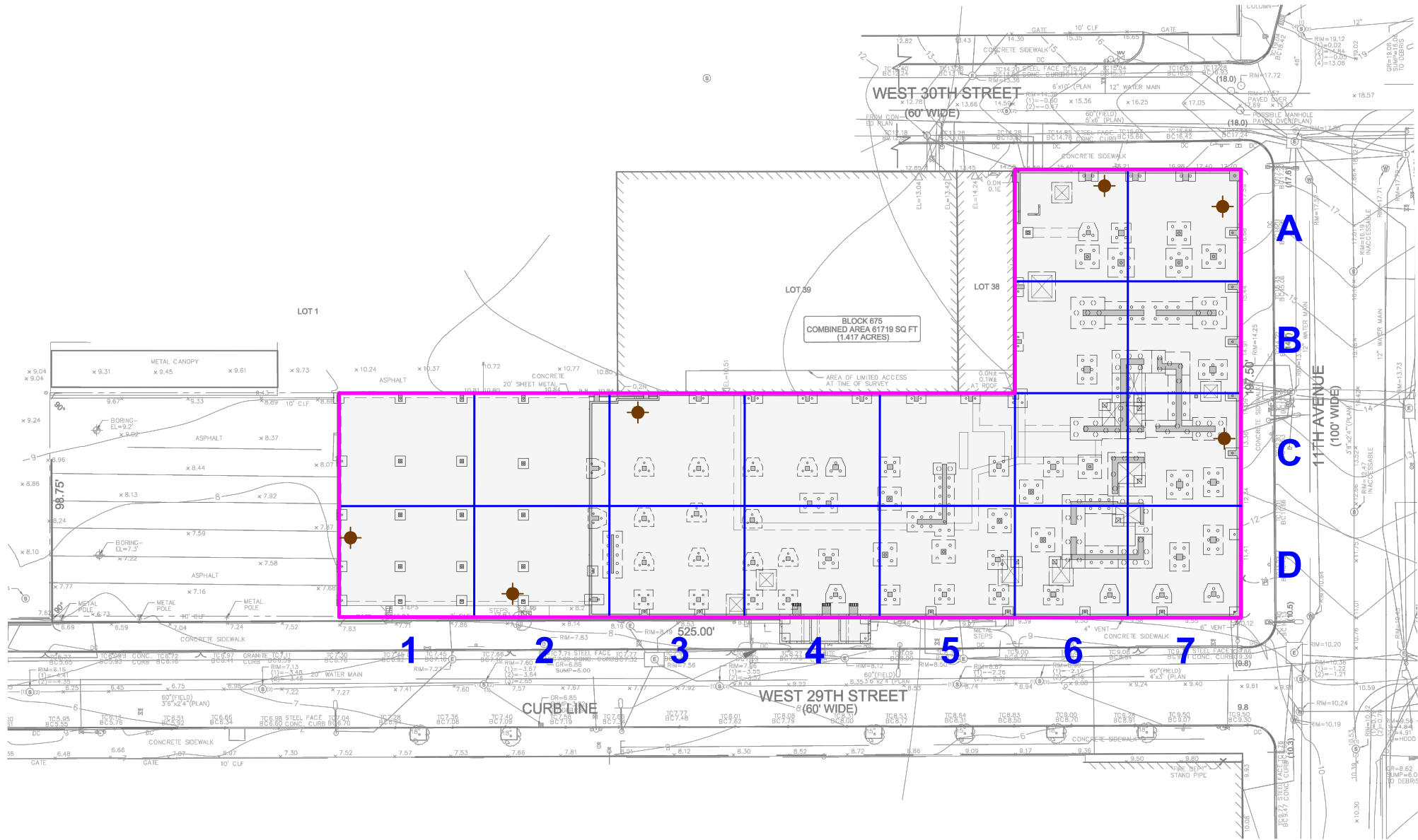
DATE
9/16/2020

PROJECT NO.
170087

FIGURE
5

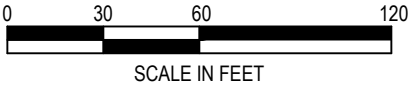
SOURCE:

FXCOLLABORATIVE ARCHITECTS "TA SITE PLAN", DRAWING No. FO-150.00, DATED 09-21-18
(CD PROGRESS SUBMISSION).



LEGEND

- PROJECT SITE BOUNDARY
- ALPHANUMERIC GRID
- FIXED AIR MONITORING STATION (EXACT LOCATION VARIED BASED ON WIND DIRECTION AND SITE ACTIVITY)



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CAMP MONITORING STATIONS



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DATE
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PROJECT NO.
170087
FIGURE
6

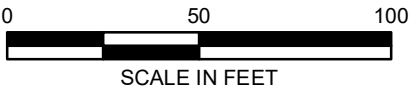
© 2020 AKRF W:\Projects\170087 - DD WEST 29TH ST\Technical\GIS and Graphics\Hazmat\170087 Fig 7 Remedial Excavation Grid.mxd 9/16/2020 8:32:16 AM mvelieux



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

LEGEND

- BCP SITE BOUNDARY
- ALPHANUMERIC GRID
- BUILDING
- LOT BOUNDARY AND TAX LOT NUMBER
- 675 TAX BLOCK NUMBER
- REMEDIAL EXCAVATION TO APPROXIMATELY 5 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 10 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 11 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 12 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 15 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 16 FEET BELOW GRADE
- REMEDIAL EXCAVATION TO APPROXIMATELY 18 FEET BELOW GRADE
- ENDPOINT SAMPLE LOCATION



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REMEDIAL EXCAVATION PLAN



440 Park Avenue South, New York, NY 10016

DATE

9/16/2020

PROJECT NO.

170087

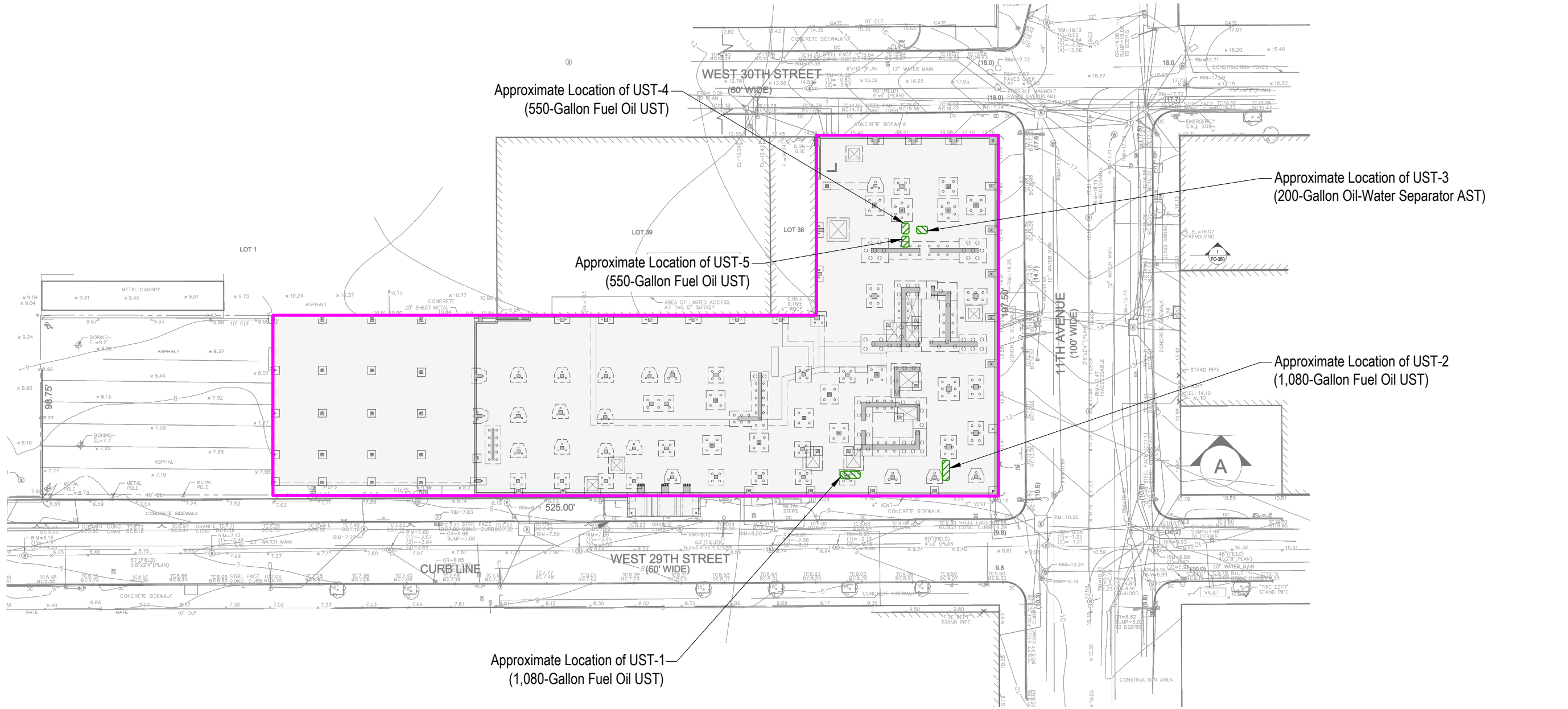
FIGURE

7

©2020 AKRF, Inc. W:\Projects\170087 - DD WEST 29TH STREET\Technical\Hazmat\FERCAD\170087 Fig 8 Tank Location Plan.dwg last save: mveilleux 8/27/2020 8:37 AM

SOURCE:

FXCOLLABORATIVE ARCHITECTS "TA SITE PLAN", DRAWING No. FO-150.00, DATED 09-21-18 (CD PROGRESS SUBMISSION).



LEGEND

- PROJECT SITE BOUNDARY
- UST: UNDERGROUND STORAGE TANK
- AST: ABOVEGROUND STORAGE TANK



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TANK LOCATION PLAN

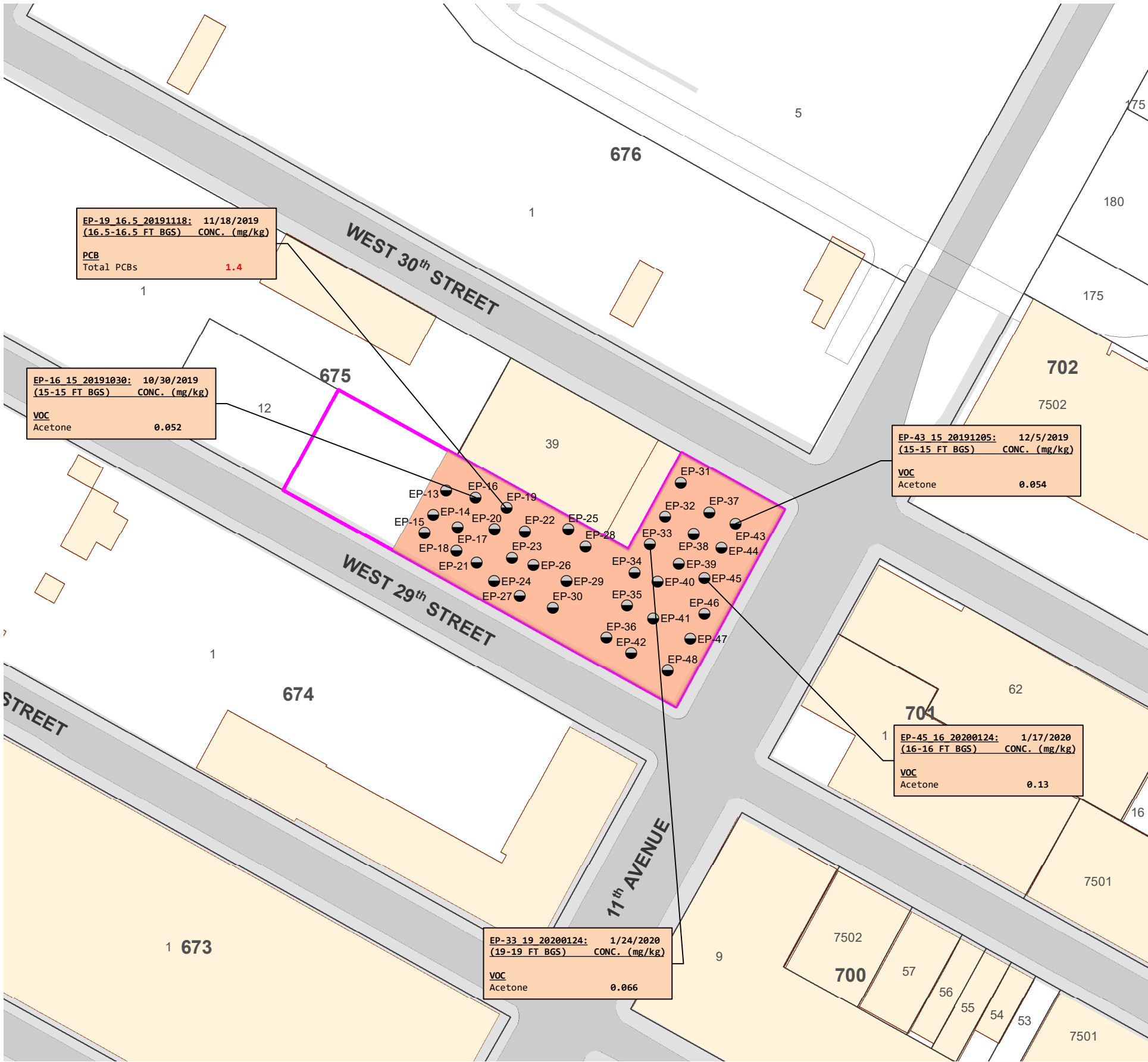
DATE
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PROJECT NO.
170087
FIGURE
8



440 Park Avenue South, New York, N.Y. 10016

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Endpoint Sample Location	Final Sample Depth (feet below grade)
EP-13	15
EP-14	15
EP-15	15
EP-16	15
EP-17	15
EP-18	15
EP-19	16.5
EP-20	10
EP-21	12
EP-22	10
EP-23	11
EP-24	11
EP-25	13
EP-26	11
EP-27	11
EP-28	11
EP-29	11
EP-30	12
EP-31	18
EP-32	18
EP-33	19
EP-34	13
EP-35	12
EP-36	15
EP-37	18
EP-38	18
EP-39	20
EP-40	12
EP-41	12
EP-42	15
EP-43	15
EP-44	16
EP-45	16
EP-46	15
EP-47	15
EP-48	15



Volatile Organic Compounds	PART 375 UNRESTRICTED mg/kg	PART 375 RESTRICTED RESIDENTIAL mg/kg
	Acetone	100
PCBs		
Total PCBs	0.1	1

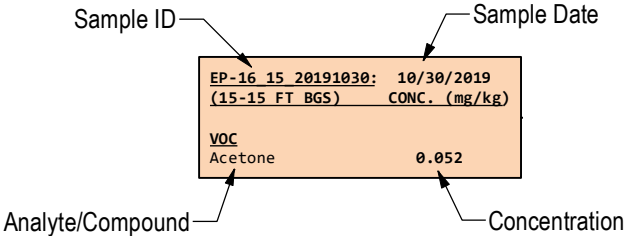
- LEGEND**
- BCP SITE BOUNDARY
 - TRACK 1 CLEANUP AREA
 - LOT BOUNDARY AND TAX LOT NUMBER
 - TAX BLOCK NUMBER
 - BUILDING
 - ENDPOINT SAMPLE LOCATION

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 Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.

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

J: The concentration given is an estimated value.
L: Sample result is estimated and biased low.

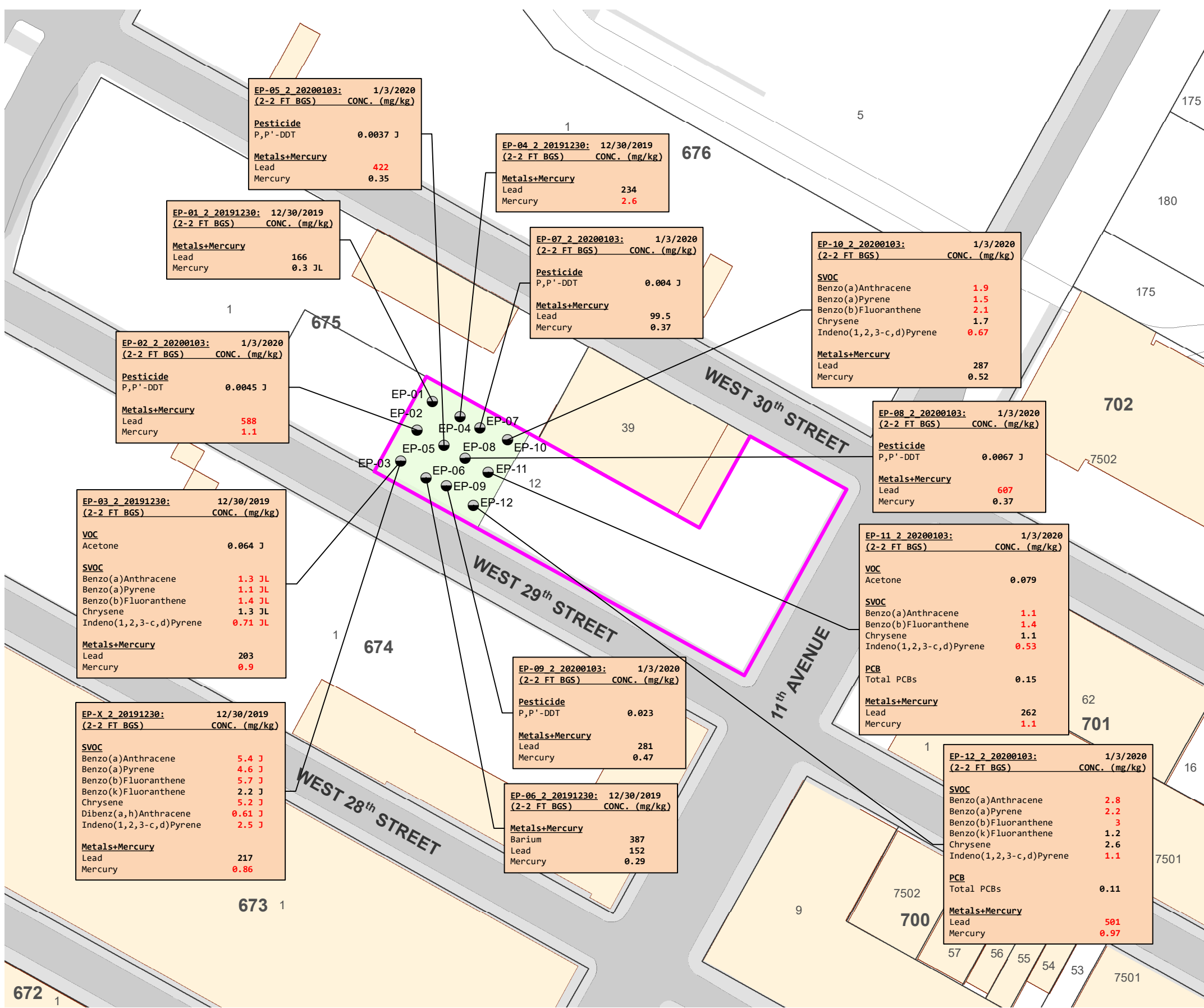


Map Source:
NYC DCP (NYC Dept. of City Planning) GIS database

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POST-EXCAVATION ENDPOINT SOIL SAMPLE CONCENTRATIONS
ABOVE NYSDEC UUSCOs AND/OR RRSCOs IN THE TRACK 1 CLEANUP AREA

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

Aerial Source:
2014 New York Statewide Digital Orthoimagery



	PART 375 UNRESTRICTED mg/kg	PART 375 RESTRICTED RESIDENTIAL mg/kg
Volatile Organic Compounds		
Acetone	0.05	100
Semivolatile Organic Compounds		
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
PCBs		
Total PCBs	0.1	1
Pesticides		
P,P'-DDT	0.0033	7.9
Metals		
Arsenic	13	16
Barium	350	400
Lead	63	400
Mercury	0.18	0.81

LEGEND

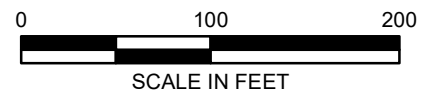
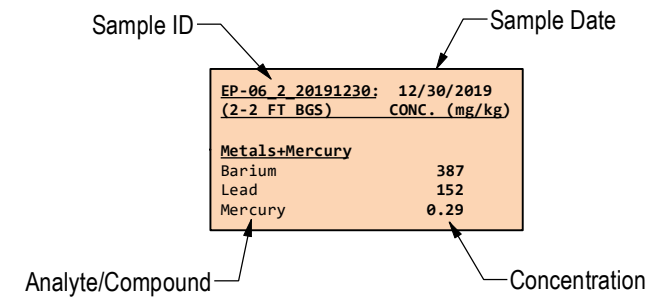
- ENDPOINT SAMPLE LOCATION
- BCP SITE BOUNDARY
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)
- 12 LOT BOUNDARY AND TAX LOT NUMBER
- 675 TAX BLOCK NUMBER
- BUILDING

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 Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.

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

J: The concentration given is an estimated value.
L: Sample result is estimated and biased low.



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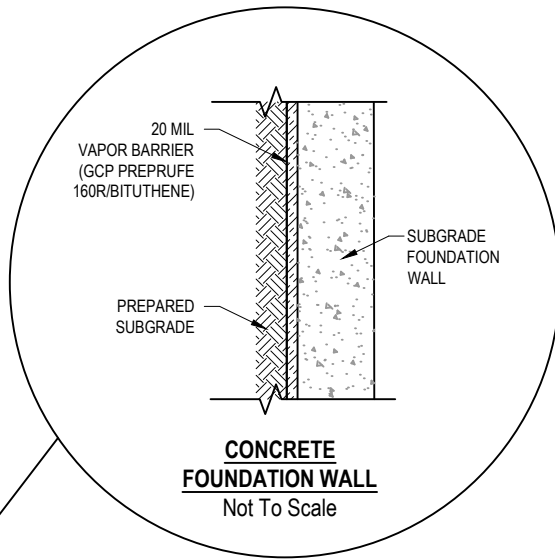
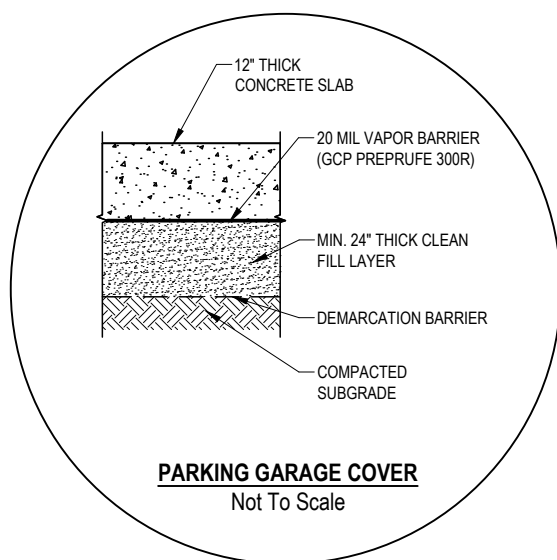
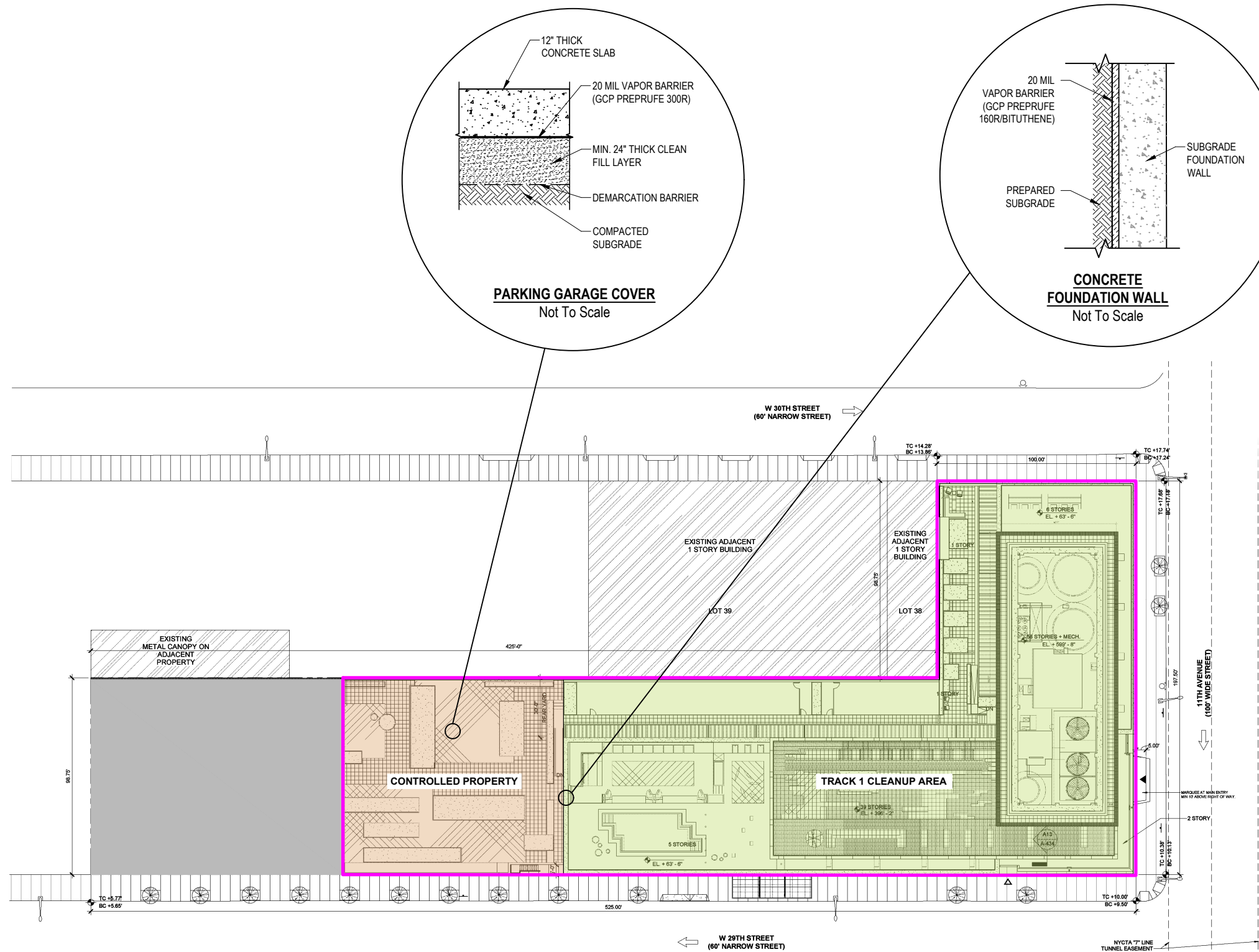
POST-EXCAVATION ENDPOINT SOIL SAMPLE CONCENTRATIONS
ABOVE NYSDEC UUSCOs AND/OR RRSCOs IN THE CONTROLLED PROPERTY

DATE
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PROJECT NO.
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FIGURE
10

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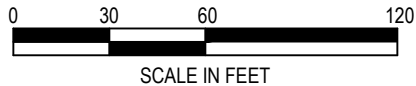
SOURCE:

FXCOLLABORATIVE ARCHITECTS "SITE PLAN, ABBREVIATIONS & SYMBOLS", DRAWING No. A-001, DATED 11-17-17 (CD PROGRESS SUBMISSION 09-21-2018).



LEGEND

- BCP SITE BOUNDARY
- TRACK 1 CLEANUP AREA
- TRACK 4 CLEANUP AREA (CONTROLLED PROPERTY)



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COMPOSITE COVER SYSTEM



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DATE
8/27/2020
PROJECT NO.
170087
FIGURE
11

APPENDIX A
METES AND BOUNDS

APPENDIX B
DIGITAL COPY OF THE FER (CD)

APPENDIX C
REMEDIAL INVESTIGATION REPORT (CD)

APPENDIX D
NYSDEC APPROVALS

APPENDIX E
REMEDIATION AND CONSTRUCTION RELATED PERMITS

APPENDIX F
CAMP FIELD SHEETS AND DATA (CD)

APPENDIX G
DAILY AND MONTHLY REPORTS (CD)

APPENDIX H
PROJECT PHOTO LOG

APPENDIX I
PBS REGISTRATION AND TANK CLOSURE DOCUMENTATION

APPENDIX J
DATA USABILITY SUMMARY REPORTS (CD)

APPENDIX K
WASTE CHARACTERIZATION REPORT AND LABORATORY RESULTS (CD)

APPENDIX L
DISPOSAL FACILITY DOCUMENTATION

APPENDIX M
SOIL AND WASTE DISPOSAL DOCUMENTATION (CD)

APPENDIX N
IMPORTED MATERIALS DOCUMENTATION (CD)

APPENDIX O
ENDPOINT SAMPLING DATA (CD)

APPENDIX P
ENDPOINT SAMPLE SURVEY

APPENDIX Q
SITE MANAGEMENT PLAN

APPENDIX R
ENVIRONMENTAL EASEMENT AND PROOF OF FILING