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VOLUME 1 OF 4

FINAL ENGINEERING REPORT
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD
BRONX, NEW YORK
NYSDEC SITE #C203146

by
H & A of New York LLP
d/b/a Haley & Aldrich of New York

for
40 Bruckner Realty LLC
199 Lee Avenue, Suite 1088
Brooklyn, New York

File No. 0200734
21 December 2022

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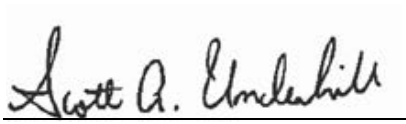
FINAL ENGINEERING REPORT
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD
BRONX, NEW YORK
NYSDEC SITE #C203146

PREPARED FOR
40 BRUCKNER REALTY LLC
BROOKLYN, NEW YORK

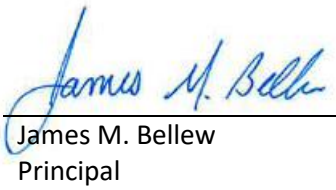
PREPARED BY:

Amy K. Murphy
Senior Project Manager
H & A of New York LLP, d/b/a Haley & Aldrich of New York

REVIEWED AND APPROVED BY:



Scott A. Underhill, P.E.
Remedial Engineer
H & A of New York LLP, d/b/a Haley & Aldrich of New York



James M. Bellew
Principal
H & A of New York LLP, d/b/a Haley & Aldrich of New York

Certifications

I, Scott A. Underhill, 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 was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan 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 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, Scott A. Underhill, of H & A of New York LLP, d/b/a Haley & Aldrich of New York, 237 West 35th Street, 16th Floor, New York, New York, am certifying as Owner's Designated Site Representative for the site.

STATE OF NEW YORK
SCOTT A. UNDERHILL
LICENSED PROFESSIONAL ENGINEER

NYS Professional Engineer #075332

12/21/22
Date

HALEY ALDRICH

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List of Acronyms

Acronyms	Definition
AST	Aboveground Storage Tank
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BMP	Best Management Practices
C&D	Concrete and demolition
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
CHASP	Construction Health & Safety Plan
CP	Commissioner Policy
CQAP	Construction Quality Assurance Plan
DD	Decision Document
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC/IC	Engineering and Institutional Control
ELAP	Environmental Laboratory Approval Program
eV	Electron volt
FER	Final Engineering Report
ft bgs	Feet below ground surface
GC/CM	General Contractor/Construction Manager
Haley & Aldrich	H & A of New York LLP d/b/a Haley & Aldrich of New York
HASP	Health & Safety Plan
IRMs	Interim Remedial Measures
mg/L	Milligrams per liter
NAPL	Non-aqueous Phased Liquid
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
OSHA	Occupational Safety & Health Administration
PAHs	Polycyclic aromatic hydrocarbons
PCBs	Polychlorinated biphenyls
PDI	Pre-Design Investigation
PFAS	Per- and Polyfluoroalkyl Substances
PFOS	Perfluorooctanesulfonic acid
PID	Photoionization detector
PM10	Particulate matter smaller than ten micrometers in diameter
ppm	Parts per million
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional

RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RE	Remedial Engineer
RD	Remedial Design
RI	Remedial Investigation
ROD	Record of Decision
S/MMP	Soils/Materials Management Plan
SCOs	Soil Cleanup Objectives
SDSs	Safety Data Sheets
SEQRA	State Environmental Quality Review Act
SMP	Site Management Plan
SOE	Support of Excavation
SOPs	Standard Operating Procedures
SVOCs	Semivolatile organic compounds
SWPPP	Storm Water Pollution Prevention Plan
SVI	Soil Vapor Intrusion
TCLP	Toxicity Characteristic Leaching Procedure
TSCA	Toxic Substances Control Act
TSDFs	Treatment, storage, and disposal facility
µg/m^3	Micrograms per cubic meter
µg/L	Micrograms per liter
USTs	Underground Storage Tanks
USEPA	United States Environmental Protection Agency
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VCA	Voluntary Cleanup Agreement
VOCs	Volatile Organic Compounds

1. Final Engineering Report

1.1 BACKGROUND AND SITE DESCRIPTION

40 Bruckner Realty LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in July 2021, to investigate and remediate a 0.95-acre property located in the Mott Haven neighborhood of the Bronx, New York. The property was remediated to unrestricted use and will be used for residential purposes.

The site is located in the County of Bronx, New York and is identified as Block 2295 and Lot 51 on the Bronx Tax Map # 6a ("Site"). A Project Locus is provided as Figure 1. The Site is situated on an approximately 0.95-acre area bounded by Bruckner Boulevard to the north, East 132nd Street to the south, Lots 40 and 67 to the east, and Alexander Avenue to the west (see Figure 2). The boundaries of the Site are fully described in Appendix A: Survey Map, Metes and Bounds.

The Site was developed as early as 1891 with a repair shop in the southwest corner and a machine shop on the east corner of the Site, while the rest of the Site remained vacant. Train tracks ran on a curve along the south, southeast, and east sides of the property. By 1908, the Site was developed with an office and a milk company next to the machine shop, which transitions to “Borden’s Farm Product” with a wagon house, stable, and lumber yard by 1935. In 1944, the former machine shop and repair shop had been razed and the former “Borden’s Farm Product” became a scrap and rubber storage facility. From the mid-1940s to the late-1980s, the Site was used for various industrial purposes and included an area for sorting and bailing rags, a rag stage area, a rag laundry, a paper stage, and by 1968, a wastepaper facility began operations in the east corner of the Site. Additionally, in the mid-1960s, the train tracks running along the south, southeast, and east sides of the property were no longer present. In 1965, the Site was listed in City Directories as “Mill Sanitary Wiping Cloth Corp” and was listed as this facility until the mid-1990s.The Site remained relatively unchanged until the early-1990s when the former buildings labeled “Sorting and Bailing Rags” and “Wastepaper Facility” were converted to auto repair shops. The Site then remained relatively unchanged through the mid-2000s. From the mid- to late-2000s, several commercial operations were run at the Site, including, without limitation, NYC Water Works Inc. The current fee owner, 40 Bruckner LLC, purchased the Site from D. Benedetto Inc in December 2011. The Requestor, 40 Bruckner Realty LLC, is currently in a 99-year lease agreement of the Site with 40 Bruckner LLC.

Prior to remediation, the Site was improved with a one-story warehouse, a three-story former commercial use building, a one-story building formerly used as a tire repair shop, and a partially paved material storage and parking area. The buildings and parking structures were demolished between late 2021 to early 2022.

Construction for the new development is currently ongoing and when completed, the Site will be improved with a 12-story mixed-use commercial/residential building with a one-level cellar encompassing the entire Site footprint. The proposed development is compatible with the existing M1-5/R8A zoning (Appendix L).

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as Appendix B.

2. Summary of Site Remedy

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, 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 with contaminant levels exceeding drinking water standards.
  - Prevent contact with, or inhalation of, volatiles, from contaminated groundwater.

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 contaminants in 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 the buildings at the Site.

2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Remedial Action Work Plan (RAWP) dated March 2022 prepared by H & A of New York LLP doing business as Haley & Aldrich of New York (Haley & Aldrich), and the Decision Document (DD) dated 05 April 2022 as a Track 1 alternative (Alternative 1) that consists of the removal of on-Site soil which exceeds Unrestricted Use Soil Cleanup Objectives (UUSCOs) or the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS). A Track 1 Cleanup was achieved. Prior to implementation of the remedy, the demolition of the existing building was performed between late 2021 and early 2022. Remedial activities occurred at the Site between 3 May 2022 and 7 October 2022.

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

1. Development and implementation of a Construction Health & Safety Plan (CHASP) and Community Air Monitoring Plan (CAMP) for the protection of on-Site workers, community/residents, and the environment during remediation and construction activities.
2. Design and construction of a support of excavation (SOE) system to facilitate the Track 1 remediation.
3. Implementation of soil erosion, pollution, and sediment control measures in compliance with applicable laws and regulations.
4. Demolition of existing Site buildings, structures, and the concrete slab beneath the buildings.
5. Excavation stockpiling, offsite transport, and disposal of about 10,100 cubic yards of historic fill and solid waste that exceeds UUSCOs as defined by 6 NYCRR Part 375-6.8. This includes excavation of two on-Site soil stockpiles of about 250 cubic yards located at GS-1 and GS-3, as sampled in the September 2021 Remedial Investigation (RI). Excavation will be to 8 feet below ground surface (ft bgs) (bottom of historical fill) in the northwestern portion of the Site (approximately 23,450 square foot area) to remove material exceeding UUSCOs. Two areas in the northwest portion of the Site surrounding Pre-Design Investigation (PDI) soil sample locations PDI-2 and PDI-4/PDI-7 (approximately 1,200 square foot area) will be excavated to 10 ft bgs to remove material exceeding UUSCOs. In the southeastern portion of the Site, excavation will be to 4 ft bgs (approximately 16,590 square foot area) to remove material exceeding UUSCOs. For development purposes, excavation will extend to 25 ft bgs throughout the Site and a total of 38,500 cubic yards of material will be removed.
6. Delineation of elevated lead concentrations in soil in the vicinity of SB8 and SB3, installed during the RI, and PDI-2 and PDI-11, installed during the PDI, and subsequent excavation and disposal of potentially hazardous lead-impacted historic fill material.
7. Removal of underground storage tanks (USTs) and/or associated appurtenances (e.g., fill lines, vent line, and electrical conduit) and decommissioning and offsite disposal during redevelopment in accordance with Division of Environmental Remediation (DER)-10, 6 NYCRR Part 613.9, NYSDEC Commissioner Policy (CP)-51, and other applicable NYSDEC UST closure requirements.
8. Screening for indications of contamination (by visual means, odor, and monitoring with a photoionization detector [PID]) of excavated soil during any intrusive Site work.
9. Appropriate offsite disposal of material removed from the Site in accordance with federal, state, and local rules and regulations for handling, transport, and disposal.
10. Collection and analysis of confirmation endpoint soil samples from the base of the remedial excavation in accordance with DER-10 and the RAWP to confirm UUSCOs/PFAS Guidance Values were achieved.
11. Completion of a Soil Vapor Intrusion (SVI) Evaluation in accordance with DER-10 and New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion following remedial excavation activities and prior to occupancy.

3. Interim Remedial Measures, Operable Units and Remedial Contracts

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

The information and certifications made in the RAWP for the Former Mill Sanitary Wiping Cloth Site (C203146) dated March 2022 and DD dated 5 April 2022 were relied upon to prepare this report and certify that the remediation requirements for the Site have been met.

4. Description of Remedial Actions Performed

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the Former Mill Sanitary Wiping Cloth Site (C203146) dated March 2022, the DD dated 5 April 2022. All deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

Governing documents include the following:

1. NYSDEC BCA executed on 13 July 2021
2. NYSDEC-approved RAWP dated March 2022
3. NYSDEC DD dated 05 April 2022

4.1.1 Site Specific Health & Safety Plan (HASP)

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 Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site. The Site HASP included the following information:

- Organization and identification of key Site contacts
- Training and medical surveillance requirements
- List of Site hazards
- Excavation safety
- Work zone descriptions
- PPE requirements
- Decontamination procedures
- Community Air Monitoring Procedures
- Safety Data Sheets (SDSs)

The HASP did not include general or Site-specific construction related or general industry safety information, which was the responsibility of Prestige Construction NY LLC (Prestige Construction), the General Contractor (GC).

The Construction Site Safety coordinator was a qualified representative of Dunn Safety who developed and implemented its own Site-specific CHASP as required by OSHA. During remedial construction, a representative of Haley & Aldrich was present for additional health and safety observation.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix K of the March 2022 RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities, and quality assurance/ quality control activities designed to achieve the project data quality objectives. 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. ASP Category B deliverables were prepared for remedial performance samples collected during remedial construction. Data Usability

Summary Reports (DUSRs) prepared by a qualified data validator are provided in Appendix J. Although one or more DUSR reports state that custody seals were not used on the sample cooler(s), it is more accurate to state that custody seals were not used when samples were submitted directly to a laboratory-provided courier.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan(s) (CQAPs) 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.

The Volunteer engaged Prestige Construction as their representative General Contractor/Construction Manager (GC/CM) to implement the remedial activities. The GC/CM and their selected contractors were responsible for construction quality as the remedy was completed. A list of engineering personnel involved with the CQAP, and a description of procedures conducted during the remedy implementation are provided below:

Remedial Engineer (RE):	Scott A. Underhill, P.E.
Project Manager/Field Team Leader:	Amy K. Murphy
Haley & Aldrich Safety Officer:	Brian Ferguson
Site Safety Coordinator:	Zachary Simmel
Qualified Environmental Professional (QEP):	James Bellew
Field Staff Members:	Adam Quick, Zachary Simmel, Kendi Bailey, David Morse, Ilyssa Sealove, PJ DiNardo, Matthew Cal
Quality Assurance Officer:	Amy K. Murphy

The RE and QEP directly supervised field staff that were on-Site during the remedial activities, including tank excavation and removal, dewatering well installation, field screening of excavations, soil/fill excavation, confirmation endpoint collection, and CAMP implementation. The RE and QEP reviewed Site development activities to verify conformance to the RAWP. Field staff documented daily field activities in field books or report logs which were directly uploaded to the project server. Daily and monthly reports summarizing the remedial activities with supporting photo documentation were submitted to the NYSDEC and NYSDOH. Copies of the daily and monthly reports are included in Appendix E.

4.1.4 Soil/Materials Management Plan (S/MMP)

The Soil/Materials Management Plan (Section 5.4 of the RAWP) includes detailed plans for managing soil/materials, specifically urban fill, non-hazardous soil (non-Resource Conservation and Recovery Act [RCRA], non-Toxic Substances Control Act [TSCA]), and lead-impacted hazardous soil that were disturbed during implementation of the remedy, including excavation, handling, storage, transport, and disposal. It also includes controls that provide for effective nuisance-free performance of these activities in compliance with applicable federal, state, and local laws and regulations.

Excavation was conducted in accordance with the SMMP, using conventional excavation equipment (Hitachi ZX245, Hitachi ZX345, CAT 325F, CAT 335F) to the final excavation depths, which ranged from

about 25 to 30 ft bgs Site-wide. Excavation structural support consisted of sheet piling, waling beams, tiebacks, and steel raker beams along the Site boundary.

4.1.4.1 Waste Characterization

Waste characterization soil samples were collected prior to commencement of excavation activities to allow the soil/fill to be loaded directly onto trucks for transport to the disposal facility. Waste characterization sampling events were performed on 16 and 17 February 2022, and 11 and 13 April 2022, and were comprised of a total of 50 soil borings advanced to 25 feet. Based on an evaluation of the sampling protocols for potential offsite disposal facilities, designated sampling frequency was one sample set per each 800 cubic yards. The Site was divided into ten lateral grids, identified as WC-1 through WC-10, and five vertical layers: 0 to 5 ft bgs, 5 to 10 ft bgs, 10 to 15 ft bgs, 15 to 20 ft bgs, and 20 to 25 ft bgs. Five boring were advanced in each lateral grid. Fifty discrete and 50 composite soil samples were collected as part of the waste characterization and submitted for chemical analysis. A list of waste characterization samples by area and/or material type is provided in Table II. The waste characterization sampling locations are shown on Figure 3. Waste characterization sampling documentation is included in Appendix G.

Delineation of lead-impacted hazardous soil identified in WC-10 at 15 to 20 ft bgs was conducted on 19 and 20 May 2022. Composite soil sample WC-10_15-20' contained a concentration of Toxicity Characteristic Leaching Procedure (TCLP) lead of 5.1 milligrams per liter (mg/L) which slightly exceeds the RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic of 5 mg/L. Delineation activities included the advancement of soil borings to evaluate the 15 to 20 ft bgs layer in WC-10 classified as hazardous for lead. One soil boring was advanced within WC-10 to vertically delineate the 15 to 20 ft bgs layer and five borings were advanced on the northern and western sides of WC-10 to horizontally delineate the 15 to 20 ft bgs layer. Five additional soil borings were advanced in the adjacent grids WC-7 through WC-9 for contingent horizontal delineation. Hazardous lead delineation sampling documentation is included in Appendix G.

Supplemental characterization soil samples were collected during excavation activities for additional disposal facility approvals in July 2022 for WC-1 through WC-9 from 10 to 25 ft bgs (a total of 14 discrete samples) and in August 2022 for WC-1 through WC-8 from 25 to 30 ft bgs (a total of 7 discrete samples). Supplemental characterization samples were collected as directed by the New Jersey Licensed Site Remediation Professional for clean fill approval at the former DuPont/Chemours Grasselli Works Site located on 3 Grasselli Road-Southwood Avenue in Linden, New Jersey. Supplement characterization sampling documentation is included in Appendix G.

4.1.4.2 Soil Screening

Soils were periodically screened for visual and olfactory evidence of contamination as well as instrumentally with a calibrated PID equipped with a 10.6 electron volt (eV) lamp.

On 12 July 2022, visual and olfactory impacted soils were observed in WC-8 at a depth of approximately 10 ft bgs. On 13 July 2022, test pits were conducted to delineate the area and endpoint samples were collected at five locations (EP-47 through EP-51) at three intervals, 10 to 10.5 ft bgs, 12 to 12.5 ft bgs, and 14 to 14.5 ft bgs based on elevated PID readings. Samples were analyzed for NYSDEC Part 375 volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals. Analytical

results were below UUSCOs for the samples collected from 10 to 10.5 ft bgs, 12 to 12.5 ft bgs, and 14 to 14.5 ft bgs at EP-47 through EP-51. WC-8 delineation documentation is included in Appendix G.

4.1.4.3 Stockpiling

Soils temporarily stockpiled on-Site were covered with 6-mil polyethylene sheeting while disposal options were determined. Stockpiles were observed weekly at minimum and after storm events, and damaged polyethylene sheeting covers were promptly replaced. Polyethylene sheeting was secured in such a manner as to drain runoff toward the interior of the property.

4.1.4.4 Materials Excavation and Load Out

Loaded vehicles leaving the Site were appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and New York State Department of Transportation (NYSDOT) requirements (and other applicable transportation requirements).

Trucks containing soil leaving the Site was designated into three categories:

- Hazardous Contaminated Soil (i.e., TCLP lead > 5.0 mg/L):
  - Clean Earth of North Jersey located at 105 Jacobus Avenue, Kearny, New Jersey
- Non-Hazardous Contaminated Soil (soil > UUSCOs):
  - P Park NJ located at 100 Planten Avenue, Prospect Park, New Jersey
  - Clean Earth of Carteret located at 24 Middlesex Avenue, Carteret, New Jersey
  - Old Bridge Redevelopment located at 2334 Old Bridge Matawan Road, Old Bridge, New Jersey
- Uncontaminated Native Soil (soil < UUSCs and met New Jersey Soil Remediation Standards as clean fill):
  - Impact Reuse & Recovery Center located at 1000 Page Avenue, Lyndhurst, New Jersey
  - DuPont/Chemours Grasselli Works Site located on 3 Grasselli Road-Southwood Avenue in Linden, New Jersey
  - P Park NJ located at 100 Planten Avenue, Prospect Park, New Jersey
  - Clean Earth of Carteret located at 24 Middlesex Avenue, Carteret, New Jersey
  - Old Bridge Redevelopment located at 2334 Old Bridge Matawan Road, Old Bridge, New Jersey

Hazardous contaminated soil was shipped under a hazardous waste manifest system under United States Environmental Protection Agency (USEPA) identification number NYR000255638. Non-hazardous contaminated soil was handled, at a minimum, as a Municipal Solid Waste per 6 NYCRR Part 360-1.2. Disposal facility permits are included in Appendix G.

Trucks utilized for the transport of hazardous, non-hazardous, or uncontaminated soil were weighed before and after unloading at the disposal facility, except for trucks sent to Old Bridge Redevelopment, which was not equipped with a scale. Waste disposal documentation is included in Appendix G.

Concrete and demolition (C&D) material generated on the Site from building slabs, parking areas and other structures was segregated, sized, and shipped to the Mount Materials, LLC concrete recycling

facility located in Fairless Hills, Pennsylvania. A Bill of Lading system or equivalent was used for the disposal of C&D materials.

4.1.4.5 Traffic Control

Transport of materials was performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers were appropriately licensed and trucks properly placarded. Trucks followed the route set forth in the RAWP. Vehicles entered the Site from the southwest corner at Alexander Avenue and 132nd Street and exited by turning right onto Alexander Avenue from designated points of egress along the western boundary of the Site. Trucks were not permitted to idle in residential neighborhoods near the Site. Part 364 permits are included in Appendix G.

4.1.4.6 Fluids Management

Construction dewatering was required to reach the final excavation depth. Localized dewatering performed with a NYCDEP discharge permit C001335900 to facilitate remedial excavations. The design and construction of the dewatering system including installation of temporary well points and a header pipe along the Site boundary, and a flow meter installed on the effluent/discharge side of a settling tank. Approximately 35,649,000 gallons of water was discharged to the sewer.

4.1.4.7 Materials Reuse

Material was not reused as part of the remedial action.

4.1.5 Storm Water Pollution Prevention Plan (SWPPP)

A Storm Water Pollution Prevention Plan (SWPPP) was not required because the project disturbed less than one acre. Since earthwork was completed below the adjacent sidewalk grade, full-time erosion and sedimentation measures were not required. Best Management Practices (BMP) for soil erosion were selected and implemented, as needed, to minimize erosion and sedimentation offsite. Silt fencing was installed around the Site perimeter as needed and checked daily.

4.1.6 Community Air Monitoring Plan (CAMP)

Air monitoring was performed in accordance with the Site-specific CAMP, which was included as Appendix F in the RAWP. The CAMP provided measures for protection for on-Site workers and the downwind community (i.e., offsite receptors including residences, businesses, and on-Site workers not directly involved in the remedial work) from potential airborne contaminant releases resulting from remedial activities at construction sites. Monitoring for dust and VOCs was conducted during ground intrusive activities by field staff under direct supervision of the RE and QEP. The CAMP included real-time monitoring for VOCs and particulate matter smaller than ten micrometers in diameter (PM10) at upwind and downwind perimeters of the Site during intrusive activities including, tank excavation and removal, dewatering well installation, break up of existing concrete slabs and foundations, soil/fill excavation and load-out, SOE installation, and earthwork associated with foundation construction. Community Air Monitoring began at the Site on 3 May 2022 and continued until ground intrusive activities were completed on 7 October 2022.

Monitoring for VOC levels was conducted with a MiniRAE® 3000 PID equipped with a 10.6 eV lamp and monitoring for PM10 was conducted with a TSI DustTrak™ II Model 8530 with data logging directly to Envizor.io® Environmental Data Portal (Envizor). A MiniRAE® 3000 PID was used to monitor the work zone. Field staff visually monitored ambient air conditions at the Site perimeter to check for visible dust emissions and, if observed, mitigation measures were implemented as needed. Preventative measures for dust generation implemented by the contractor included wetting surficial soil and surrounding work areas and covering surficial soil with polyethylene sheeting.

Action levels used for the protection of the community and visitors were set forth in the CAMP. The particulate action level was set at 150 micrograms of dust per cubic meter of air ($\mu g/m^3$) above background for a 15-minute average, and the VOC action level was set at 5 ppm above background for a 15-minute average. DustTraks and PIDs were monitored each day during implementation of the RAWP. Fifteen-minute running averages were calculated from the data recorded directly to the cloud-based system Envizor and were compared to the action levels specified in the CAMP.

Results of the CAMP monitoring are discussed in Section 4.2.5.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer 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.

4.1.8 Community Participation Plan

The NYSDEC-approved CPP established a protocol for citizen participation, including creating a document repository to contain applicable project documents. No changes were made to Fact Sheets authorized for release by NYSDEC. Fact sheets were distributed to the Site contact list by mail.

A Fact Sheet dated 16 November 2021 was issued and described the completed RIR. A Fact Sheet dated January 2022 described the proposed draft RAWP for the Site. A Fact Sheet dated 27 April 2022 announced the start of the remedial action. A Fact Sheet announcing the completion of remedial activities was mailed on 15 December 2022 for electronic distribution .

Document repositories have been established at the following locations and contain applicable project documents:

<u>New York Public Library – Mott Haven Branch</u>
321 E 140th Street
Bronx, NY 10454
(718) 665-4878

<u>Bronx Community Board 1</u>
3030 3rd Avenue
Bronx, NY, 10455
(718) 585-7117

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

- Haley & Aldrich of New York – RE consultant responsible for overseeing proper implementation of the RAWP and certification of the FER
- Prestige Construction – GC responsible for implementing the majority of actions detailed in the RAWP.
- N Tech Design of America Corp. – Contractor responsible for building demolition.
- Moncon Inc. – Contractor responsible for Site preparation, soil excavation, SOE installation, and subgrade preparation for foundation slab installation.
- Clean Earth – Soil transport and disposal broker responsible for coordinating approvals for disposal of material as stipulated in the RAWP.
- Rock Brokerage - Soil Transport and disposal broker responsible for coordinating approvals for disposal of material as stipulated in the RAWP.
- YESS Trucking & Disposal – Soil transport and disposal and import material broker responsible for coordinating approvals for disposal and import of material as stipulated in the RAWP.
- Eastern Environmental Solutions, Inc. (Eastern Environmental) – subcontractor responsible for cleaning, removal, decommissioning the above ground storage tank (AST) and USTs encountered during implementation of the RAWP.
- Alpha Analytical Laboratories, Inc. (Alpha Analytical) – An Environmental Laboratory Approval Program (ELAP) certified laboratory responsible for analyzing waste characterization and confirmatory endpoint samples as required by the RAWP.

4.2.2 Mobilization and Site Preparation

Demolition of the former Site buildings was performed between late 2021 and early 2022, prior to contractor mobilization the week of 2 May 2022. The Remediation Contractor completed the following tasks during mobilization and Site preparation:

- Mobilized necessary remediation personnel, equipment, and materials;
- Constructed four stabilized construction entrances, one located on the western boundary of the Site along Alexander Avenue, one located on the northern boundary of the Site along Bruckner Boulevard, one in the northwest corner of the Site where Alexander Avenue and Bruckner Boulevard meet, and one in the southwestern corner of the Site at the intersection of 132nd Street and Alexander Avenue;
- Installed erosion and sediment control measures in accordance with the construction specifications; and,
- Obtained agency approvals and permits, including New York City Department of Buildings (NYCDOB), NYCDEP, and NYSDEC permits or permit equivalents.

A pre-construction meeting was held with NYSDEC and all contractors on 29 April 2022.

Documentation of agency approvals required by the RAWP is included in Appendix C.

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action.

A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

The Site was secured during the remedial activities as follows:

- Security fencing was installed at the perimeter of the Site to prevent access by unauthorized persons;
- Security cameras along the Site perimeter were monitored regularly throughout the remedial activities;
- Equipment was stored in secured trailers; and
- Safe work practices, such as organized work areas, regular health and safety check ins, proper equipment storage, were employed.

4.2.4 Nuisance Controls

4.2.4.1 Truck Wash and Egress Housekeeping/Truck Routing

An outbound-truck inspection station was set up at the Site exit. Before exiting the Site, trucks were required to stop at the truck inspection station and were examined for evidence of contaminated soil on the undercarriage, body, and wheels. If observed, soil and debris were removed. Brooms, shovels, and potable water were utilized for the removal of soil from vehicles and equipment, as necessary.

4.2.4.2 Dust Control

A dust suppression plan that addressed dust management during invasive on-Site work, included the items listed below:

- Dust suppression was achieved though spraying water directly onto off-road areas including excavations and stockpiles, as needed.
- Gravel was used on ingress/egress and Site roadways to provide a clean and dust-free road surface.
- On-Site roads were limited in total area to minimize the area required for water application.

4.2.4.3 Odor Control

This odor control plan was capable of controlling emissions of nuisance odors offsite and on-Site. Nuisance odors were not identified during implementation of the RAWP.

4.2.4.4 Erosion and Sediment Controls & Construction Entrances

BMP for soil erosion were selected and implemented, as needed, to mitigate erosion and sedimentation offsite. Truck egress points were inspected throughout the day and adjoining streets and sidewalks were kept free of residual soil/fill from excavation activities on Site.

4.2.5 CAMP Results

CAMP monitoring for VOCs and dust was performed at both upwind and downwind locations during the entire implementation of the RAWP, weather permitting. Monitoring equipment included one MiniRae300 PID and one TSI DustTrak 8530 per station. Each CAMP station was equipped to the Envizor Remote Data Acquisition Server which recorded air monitoring readings in a cloud-based system. CAMP results were generally within the action limits set forth in the CAMP included in the CHASP as Appendix G of the RAWP. Exceedances of action levels or errors that occurred are summarized in Table III and were typically attributed to equipment malfunctions, vehicle or equipment operation in the vicinity of air monitoring stations, welding of SOE components in the vicinity of air monitoring stations, and localized dust due to concrete removals.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix D. The upwind and downwind CAMP station locations were contingent upon daily wind directions and the location of construction activities taking place on the Site each day.

4.2.6 Reporting

Haley & Aldrich field personnel, under the supervision of the RE, recorded Site observations daily. These observations were used to track remediation progress, compliance with the RAWP, memorialize deviations from the RAWP, and summarize completed remedial actions. Daily and monthly progress reports were submitted to NYSDEC and NYSDOH by electronic media. The reports generally included the following:

- An update of progress made during the reporting day;
- A summary of any and complaints with relevant details (names, phone numbers);
- A summary of CAMP finding, including exceedances;
- Sampling results;
- Description of approved modifications;
- Schedule updates including percentage of project completion and any project delays; and
- An explanation of notable Site conditions.

All daily and monthly reports are included in electronic format in Appendix E.

The digital photo log required by the RAWP is included in electronic format in Appendix F.

4.3 CONTAMINATED MATERIALS REMOVAL

The remedial action included the following material removals:

- Demolition of existing Site buildings, structures, and the concrete slab beneath the buildings
- Removal of one AST and four USTs including decommissioning and offsite disposal in accordance with DER-10, 6 NYCRR Part 613.9, NYSDEC CP-51, and other applicable NYSDEC UST closure requirements
- Excavation and offsite disposal of non-hazardous soil/fill above UUSCOs/PFAS Guidance Values
- Excavation and offsite disposal of hazardous lead-impacted soil/fill
- Excavation and offsite disposal of other materials, including non-impacted C&D materials

A list of the soil cleanup objectives (SCOs) and PFAS Guidance Values for the contaminants of concern for this project is provided in Table I.

A figure of the location of original sources and areas where excavations were performed is shown in Figure 4. The excavation depths for development are shown on Figure 5.

4.3.1 Building Demolition

Between late 2021 and early 2022, the former Site buildings were demolished. This work was performed following approval of the RAWP to facilitate foundation contractor mobilization, SOE installation, and commencement of remedial excavation.

4.3.2 Tanks

A total of five 550-gallon storage tanks, one aboveground and four underground, were encountered during remediation activities at the Site. The AST was found in the former structure located along the northern boundary of the Site. A total of approximately 50 gallons of fuel oil, fuel oil/water mixture, or hydraulic oil was removed from the USTs and disposed of at GFL Environmental Inc in Chambly, Quebec. The tanks were cleaned, cut, removed by Eastern Environmental and recycled at Gershow Recycling in Medford, New York. Table VI summarizes the details of the tanks including volume, contents, date encountered, and date removed from the Site. An affidavit from Eastern Environmental for tank removal and certificate of destructions is provided in Appendix H. Registration paperwork was submitted to the NYSDEC Petroleum Bulk Storage (PBS) program on 03 November 2022. NYSDEC PBS Unit processed the application on 09 November 2022 and indicated Tanks # AST-001 & UST-001 through UST-004 were added to the registration and updated to Closed-Removed as requested (Appendix H).

A total of eight endpoint samples were collected from beneath the removed USTs (two per UST with the exception of UST-004 which was stacked on top of UST-003). Acetone was detected above the UUSCOs in the two endpoint samples from 8 to 8.5 ft bgs at UST-001. The soil beneath UST-001 was excavated to 10 ft bgs and stockpiled on 6 mil polyethylene sheeting. Endpoint samples were recollected from 10 to 10.5 ft bgs, and acetone was not detected above the UUSCOs. VOCs and SVOCs were not detected above the UUSCOs at endpoint sample locations collected under UST-002 (5 to 5.5 ft bgs) or UST-003 (8 to 8.5 ft bgs). Tank and sample locations are shown in Figure 6, and endpoint results are summarized on Table VII.

4.3.3 Soil/Fill Material

A total of approximately 65,998.04 tons (approximately 44,000 cubic yards) of soil/fill material was removed from the Site. Remedial excavation to achieve UUSCOs/PFAS Guidance Values included removal of hazardous soil, non-hazardous soil, and uncontaminated soil. Approximately 23,890.86 tons (approximately 15,900 cubic yards) of soil/fill was removed from the remedial excavation area including 22,668.95 tons (approximately 15,100 cubic yards) of non-hazardous soil/urban fill and 1,221.91 tons (approximately 800 cubic yards) of hazardous soil. Offsite soil/waste disposal volumes and facilities are summarized in Table IV. Waste disposal documentation is included in Appendix G.

Remedial excavation to remove non-hazardous soil generally extended to a depth of 4 ft bgs in the southern portion of the Site (grids represented by EP-26 through EP-46), 8 ft bgs in the northern portion of the Site (grids represented by EP-1 through EP-11, EP-13 through EP-16, and EP-18 through EP-24),

and 10 ft bgs in two isolated areas in the northern part of the Site (grids represented by EP-12, EP-17, and EP-25). The following over-excavation areas were required to meet UUSCOs/PFAS Guidance Values including:

- Excavation to a depth of 6 ft bgs in the grids represented by endpoint samples EP-26, EP-31 through EP-33, EP-36, EP-38, and EP-44;
- Excavation to a depth of 8 ft bgs in grids represented by endpoint samples EP-28, EP-35, and EP-46;
- Excavation to a depth of 10 ft bgs in grids represented by endpoint samples EP-4 through EP-7, EP-12, EP-14 through EP-17, EP-20, EP-22, EP-24, and EP-25;
- Excavation to a depth of 12 ft bgs in the grid represented by endpoint samples EP-8 and EP-9.
- Additionally, remedial excavation was performed from 15-20 ft bgs to remove the hazardous lead impacted layer in the grid represented by endpoint samples EP-41, EP-42, EP-45, and EP-46.

The Track 1 UUSCOs/PFAS Guidance Values were achieved as shown in Table V. A figure showing the completed remedial excavation extents and depths is presented as Figure 4.

Excavation to achieve development depth included the removal of uncontaminated native soil. Approximately 42,107.18 tons (approximately 28,100 cubic yards) of uncontaminated native soil was removed from the development excavation area. Development excavation generally extended to a depth of 30 ft bgs in the northern portion of the Site, 27.5 ft bgs in the central portion of the Site, and 25 ft bgs in the southern portion of the Site. A figure showing the completed development excavation extents and depths is presented as Figure 5. Offsite soil/waste disposal volumes and facilities are summarized in Table IV. Waste disposal documentation is included in Appendix G.

A total of approximately 4,160 cubic yards of C&D debris was also removed from the remedial excavation area.

4.3.3.1 Disposal Details

Initial waste characterization sampling was performed by Haley & Aldrich in February and April 2022, delineation of lead-impacted hazardous soil was performed by Haley & Aldrich in May 2022, and supplemental waste characterization sampling was performed by Clean Earth in July and August 2022 to facilitate approval for soil sent to DuPont/Chemours Grasselli Works Site and Old Bridge Redevelopment, and increased soil volumes due to revised development depth from 25 to 30 ft bgs. Waste characterization disposal grids are shown in Figure 3. Soil waste characterization sampling documentation is included in Appendix G.

A total of approximately 65,998.04 tons (approximately 44,000 cubic yards) of soil/fill was removed from the Site including the following:

- 1,221.91 tons (approximately 800 cubic yards) of hazardous soil
- 22,668.95 tons (approximately 15,100 cubic yards) of non-hazardous soil
- Approximately 42,107.18 tons (approximately 28,100 cubic yards) of uncontaminated soil
  - Clean Earth of Carteret
  - P Park NJ
  - Impact Reuse & Recovery Center
  - DuPont/Chemours Grasselli Work Site
  - Old Bridge Redevelopment

A total of approximately 4,160 cubic yards of C&D debris was also removed from the remedial excavation area.

Table IV shows the total quantities of each category of material removed from the Site and the disposal locations. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on Tables II, V, and VII.

Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are attached in Appendix G.

Manifests and bills of lading are included in electronic format in Appendix G.

The following sections provide a summary of excavated soil/ fill and miscellaneous materials removed from the Site during RAWP implementation:

4.3.3.2 Hazardous Soil

A total of 1221.91 tons (approximately 800 cubic yards) of hazardous soil/fill material was excavated and transported offsite between 25 July and 2 September 2022 to Clean Earth of North Jersey located at 115 Jacobus Avenue, Kearny, New Jersey.

4.3.3.3 Non-Hazardous Soil

A total of 22,668.95 tons (approximately 15,100 cubic yards) of non-hazardous soil was excavated and transported offsite between 13 May 2022 and 1 August 2022 to the following facilities:

- 22,078.77 tons (approximately 14,700 cubic yards) to Clean Earth of Carteret, located at 24 Middlesex Avenue, Carteret, New Jersey
- 590.18 tons (approximately 400 cubic yards) to PPark NJ, located at 100 Planten Avenue, Prospect Park, New Jersey

4.3.3.4 Uncontaminated Soil

A total of approximately 42,107.18 tons (approximately 28,100 cubic yards) of uncontaminated soil was excavated and transported offsite between 5 July 2022 and 30 September 2022 to the following facilities:

- 4,253.03 tons (approximately 2,800 cubic yards) to Clean Earth of Carteret, located at 24 Middlesex Avenue, Carteret, New Jersey
- 2,909.74 tons (approximately 1,900 cubic yards) to PPark NJ, located at 100 Planten Avenue, Prospect Park, New Jersey
- Approximately 17,460 tons (approximately 11,600 cubic yards) to Old Bridge Redevelopment, located at 2334 Old Bridge Matawan Road, Old Bridge, New Jersey
- 7,547.80 tons (approximately 5,000 cubic yards) to Impact Reuse & Recovery Center located at 1000 Page Avenue, Lyndhurst, New Jersey
- 9,936.61 tons (approximately 6,600 cubic yards) to DuPont/Chemours Grasselli Works Site located at 3 Grasselli Road-Southwood Avenue, Linden, New Jersey

4.3.3.5 Miscellaneous Waste/Construction and Demolition Debris Removal

Approximately 4,160 cubic yards of non-impacted concrete and brick were disposed of offsite at Mount Materials, LLC in Fairless Hills, Pennsylvania (NYSDEC Part 360-Registered Facility).

4.3.3.6 On-Site Reuse

On-Site reuse of soil was not part of remedial action at the Site.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Post-excavation confirmation endpoint soil samples were collected at a frequency of one sample per every 900 square feet in accordance with the RAWP and NYSDEC DER-10. The Site footprint is approximately 41,289 square feet, therefore a total of 46 soil bottom endpoint samples are required (EP-1 through EP-46). Sidewall samples were not collected along the Site perimeter of the BCP Site due to the presence of SOE at the BCP boundary (i.e., no remaining sidewall soil within the BCP boundary accessible to sample). QA/QC samples (i.e., duplicates, field blanks, and trip blanks) were collected as part of end point sampling activities. Figure 4 shows the locations of the endpoint soil samples.

Confirmation endpoint samples were collected for NYSDEC Part 375 VOCs, SVOCs, polychlorinated biphenyls (PCBs), pesticides, metals, PFAS, and 1,4-dioxane. Samples were collected between May 2022 and July 2022 and transported via laboratory-courier to Alpha Analytical, ELAP No. 11148, of Westborough, Massachusetts.

Analytical results for endpoint sample were compared to the UUSCOs or the proposed Unrestricted Use PFAS Guidance Values. Based on email correspondence dated 29 June 2022 with the NYSDEC Project Manager, Dan McNally, exceedances of the proposed PFAS Guidance Values were to be over excavated and end point sample recollected.

In the event that the confirmation samples collected failed to meet UUSCOs/PFAS Guidance Values at the proposed remedial excavation depth of 4 ft bgs in the southern portion of the Site, 8 ft bgs in the northern portion of the Site, or the two isolated 10 ft bgs areas in the northern portion of the Site, the surrounding approximately 30-ft by 30-ft grid area represented by that sample was over excavated by two feet and resampled for the parameters that failed UUSCOs/PFAS Guidance Values. If the resampled results indicated the previously failed parameters met the UUSCOs/PFAS Guidance Values, no additional excavation was required; if the resampled results indicated that one or more previously failed parameters still did not meet UUSCOs/PFAS Guidance Values, then the area was again over excavated by two feet and resampled for the failed parameters. Over excavation was required at 22 of the 46 endpoint sample locations, which had concentrations of SVOCs (specifically polycyclic aromatic hydrocarbons [PAHs]), PCBs, metals and/or PFAS exceeding UUSCOs/PFAS Guidance Values. Details are provided below regarding the over-excavations:

- Endpoint sample EP-4 contained concentrations of six PAHs and two metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-4 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-4.

- Endpoint sample EP-5 contained a concentration of mercury, exceeding the UUSCO at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-5 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameter that previously exceeded the UUSCO. The analytical result was below the UUSCO for the sample collected from 10 to 10.5 ft bgs at EP-5.
- Endpoint sample EP-6 contained concentrations of five PAHs and three metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-6 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-6.
- Endpoint sample EP-7 contained concentrations of four metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-7 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-7.
- Endpoint sample EP-8 contained concentrations of two pesticides and four metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-8 was over-excavated two feet, resampled from 10 to 10.5 ft bgs and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results for the two pesticides were below UUSCOs for the sample collected 10 to 10.5 ft bgs at EP-8. However, analytical results for four metals, specifically copper, iron, mercury, and zinc, exceeded UUSCOs in the sample collected 10 to 10.5 ft bgs. The 30 ft x 30 ft grid represented by EP-8 was again over-excavated two feet, resampled from 12 to 12.5 ft bgs, and analyzed for the specific parameters that still exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 12 to 12.5 ft bgs at EP-8.
- Endpoint sample EP-9 contained concentrations of one pesticide and four metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-9 was over-excavated two feet, resampled from 10 to 10.5 ft bgs and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected 10 to 10.5 ft bgs at EP-9 with the exception of two metals, specifically lead and mercury, which exceed UUSCOs. The 30 ft x 30 ft grid represented by EP-9 was again over-excavated two feet, resampled from 12 to 12.5 ft bgs, and analyzed for the specific parameters that still exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 12 to 12.5 ft bgs at EP-9.
- Endpoint sample EP-14 contained concentrations of three metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-14 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-14.
- Endpoint sample EP-15 contained concentrations of five PAHs and three metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-15 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-15.
- Endpoint sample EP-16 contained concentrations of three metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-16 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-16.

- Endpoint sample EP-20 contained concentrations of one metal, specifically mercury, which exceeded its UUSCO at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-20 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameter that previously exceeded its UUSCO. The analytical result was below the UUSCO for the sample collected from 10 to 10.5 ft bgs at EP-20.
- Endpoint sample EP-22 contained concentrations of three metals exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-22 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-22.
- Endpoint sample EP-24 contained concentrations one metal, specifically lead, that exceeded its UUSCOs at 8 to 8.5 ft bgs; however, the duplicate sample contained concentrations of lead and mercury exceeding UUSCOs at 8 to 8.5 ft bgs. The 30 ft x 30 ft grid represented by EP-24 was over-excavated two feet, resampled from 10 to 10.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. The analytical result was below UUSCOs for the sample collected from 10 to 10.5 ft bgs at EP-24.
- Endpoint sample EP-26 contained concentrations of total PCBs exceeding UUSCOs at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-26 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 6 to 6.5 ft bgs at EP-26.
- Endpoint sample EP-28 contained concentrations of five PAHs and three metals exceeding UUSCOs, and two PFAS compounds exceeding proposed PFAS Guidance Values at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-28 was over-excavated two feet, resampled from 6 to 6.5 ft bgs and analyzed for the specific parameters that previously exceeded UUSCOs/PFAS Guidance Values. Analytical results were below UUSCOs/PFAS Guidance Values for the sample collected 6 to 6.5 ft bgs at EP-28 with the exception of perfluorooctanesulfonic acid (PFOS). The 30 ft x 30 ft grid represented by EP-28 was again over-excavated two feet, resampled from 8 to 8.5 ft bgs, and analyzed for the specific parameter that still exceeded the PFAS Guidance Value. The analytical result was below PFAS Guidance Value for the sample collected from 8 to 8.5 ft bgs at EP-28.
- Endpoint sample EP-31 contained concentrations of one metal, specifically zinc, which exceeded its UUSCO at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-31 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameter that previously exceeded UUSCOs. The analytical result was below UUSCOs for the sample collected from 6 to 6.5 ft bgs at EP-31.
- Endpoint sample EP-32 contained concentrations of one metal, specifically lead, that exceeded its UUSCO at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-32 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameter that previously exceeded UUSCOs. The analytical result was below UUSCOs for the sample collected from 6 to 6.5 ft bgs at EP-32.
- Endpoint sample EP-33 contained concentrations of one PFAS compound, specifically PFOS, that exceeded its PFAS Guidance Value at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-33 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameter that previously exceeded the PFAS Guidance Value. The analytical result was below the PFAS Guidance Value for the sample collected from 6 to 6.5 ft bgs at EP-33.

- Endpoint sample EP-35 contained concentrations of five PAHs, total PCBs, and three metals exceeding UUSCOs and one PFAS compound, specifically PFOS, that exceeded the Guidance Value at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-35 was over-excavated two feet, resampled from 6 to 6.5 ft bgs and analyzed for the specific parameters that previously exceeded UUSCOs and the PFAS Guidance Value. Analytical results were below for the sample collected 6 to 6.5 ft bgs at EP-35; however, the PFOS concentration still exceeded the Guidance Value. The 30 ft x 30 ft grid represented by EP-35 was again over-excavated two feet, resampled from 8 to 8.5 ft bgs, and analyzed for the specific parameter that still exceeded the PFAS Guidance Value. The analytical result was below PFAS Guidance Value for the sample collected from 8 to 8.5 ft bgs at EP-35. During sampling, no final confirmation sample was collected for PCBs beyond the 4 to 4.5 ft bgs interval.
- Endpoint sample EP-36 contained concentrations of three PAHs and one metal, specifically zinc, exceeding UUSCOs at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-36 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 6 to 6.5 ft bgs at EP-36.
- Endpoint sample EP-38 contained concentrations of one metal, specifically zinc, which exceeded its UUSCO at 4 to 4.5 ft bgs, and one PFAS compound, specifically PFOS, that exceed its PFAS Guidance Value. The 30 ft x 30 ft grid represented by EP-38 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameter that previously exceeded the UUSCO/PFAS Guidance Value. Analytical results were below the UUSCO/PFAS Guidance Value for the sample collected from 6 to 6.5 ft bgs at EP-38.
- Endpoint sample EP-44 contained concentrations of three metals exceeding UUSCOs at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-44 was over-excavated two feet, resampled from 6 to 6.5 ft bgs, and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected from 6 to 6.5 ft bgs at EP-44.
- Endpoint sample EP-46 contained concentrations of three metals exceeding UUSCOs at 4 to 4.5 ft bgs. The 30 ft x 30 ft grid represented by EP-46 was over-excavated two feet, resampled from 6 to 6.5 ft bgs and analyzed for the specific parameters that previously exceeded UUSCOs. Analytical results were below UUSCOs for the sample collected 6 to 6.5 ft bgs at EP-46 with the exception of mercury. The 30 ft x 30 ft grid represented by EP-46 was again over-excavated two feet, resampled from 8 to 8.5 ft bgs, and analyzed for the specific parameter that still exceeded UUSCOs. The analytical result was below UUSCOs for the sample collected from 8 to 8.5 ft bgs at EP-46.

A table and figure summarizing all end-point sampling is included in Table V and Figure 7, respectively, and all exceedances of SCOs are highlighted.

DUSRs were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix J, and associated raw data is provided electronically in Appendix I. Validated electronic data deliverables were submitted to the NYSDEC EQuIS database on 03 November 2022 and NYSDEC successfully uploaded the data from the EDD on 06 December 2022; correspondence is included in Appendix J.

4.5 IMPORTED BACKFILL

A total of 575.62 tons of clean stone was imported to the Site for use as the construction ramp, construction entrances, and foundation subbase. Imported backfill included ¾-inch clean stone (377.17 tons), ⅝-inch clean stone (24.60 tons), and 2-1/2-inch clean stone (173.85 tons) from the Mount Hope Quarry located at 625 Mt Hope Road in Wharton, New Jersey. A table of all sources of imported backfill with quantities for each source is shown in Table VIII. A figure showing the Site locations where backfill was used at the Site is shown in Figure 8.

Documentation of imported materials and NYSDEC's approval of this material for use as backfill at the Site is provided in Appendix K. There was an oversight in the original Request to Import/Reuse Fill or Soil form which omitted the ⅝-inch clean stone and 2-1/2-inch clean stone imported to the Site; therefore, the quantity in the original requested was underestimated. However, the additional material originated from the same virgin quarry mine approved for the ¾-inch clean stone, Mount Hope Quarry located at 625 Mt Hope Road in Wharton, New Jersey.

At the completion of the project, the imported stone used for the construction ramp and construction entrances were disposed off-Site as non-hazardous material. The imported stone used for the foundation subbase remains at the Site.

4.6 CONTAMINATION REMAINING AT THE SITE

No contaminated soil remains beneath the Site after completion of the Remedial Action. Upon completion of the remedy, all remaining soil meets UUSCOs/PFAS Guidance Values.

4.7 SOIL COVER SYSTEM

Upon completion of the remedy, all remaining soil meets UUSCOs/PFAS Guidance Values; therefore, no soil cover system is required.

4.8 ENGINEERING CONTROLS

The remedy for the Site did not require the construction of any engineering control systems as UUSCOs/PFAS Guidance Values were achieved.

4.9 INSTITUTIONAL CONTROLS

The remedy for the Site did not require institutional controls as UUSCOs/PFAS Guidance Values were achieved.

4.10 SOIL VAPOR INTRUSION EVALUATION

A soil vapor evaluation is required element of a Track 1 remedy, as required by the RAWP and DD. The evaluation is to include provisions for implementing actions recommended to address exposures related to soil vapor intrusion.

As a result of the remedial action performed at the Site, no VOCs exists in the Site soil as documented by the end point sampling and subsequent removal of all soil to depths between 25 and 30 ft bgs. No

monitoring wells were installed post-remediation since the none of the pre-remediation sampling indicated VOCs were above applicable standards (trichloroethene was detected at the ambient water quality standard of 5 micrograms per liter [μg/L]). Though not part of the remedial action, the Site was dewatered during construction to allow for the excavation down to a depth of 30 ft bgs. The watertight sheet piles installed as the SOE system during construction, remain in place and will limit the horizontal migration of groundwater under the building. In addition, a 20-mil thick moisture/vapor barrier was installed as part of the building's concrete floor. These three components – no VOCs in soil, no VOCs in groundwater, and the presence of a vapor barrier under the building's concrete floor – indicated that soil vapor intrusion is not an issue at the Site and no further action is required regarding soil vapor.

4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

The following are a list of deviations from the approved RAWP:

1. The initial volume of soil to be removed as part of the RAWP was estimated at 10,100 cubic yards. The final volume of soil removed was estimated at 14,100 cubic yards. The additional excavation was due to endpoint samples not to meeting UUSCOs/PFAS Guidance Values as listed below:
    a. Excavation to a depth of 6 ft bgs in the grids represented by endpoint samples EP-26, EP-31 through EP-33, EP-36, EP-38, and EP-44.
    b. Excavation to a depth of 8 ft bgs in grids represented by endpoint samples EP-28, EP-35, and EP-46.
    c. Excavation to a depth of 10 ft bgs in grids represented by endpoint samples EP-4 through EP-7, EP-12, EP-14 through EP-17, EP-20, EP-22, EP-24, and EP-25
    d. Excavation to a depth of 12 ft bgs in the grid represented by endpoint samples EP-8 and EP-9.
    e. Excavation from 15-20 ft bgs to remove the hazardous lead impacted layer in the grid represented by endpoint samples EP-41, EP-42, EP-45, and EP-46.
    f. Excavation to a depth of 10 ft bgs beneath the location of UST-001.
    g. During sampling, no final confirmation sample was collected for PCBs beyond the 4 to 4.5 ft bgs interval.
2. Four 550-gallon USTs were encountered during the excavation work. These USTs were decommissioned and recycled offsite.
3. No imported fill was anticipated as part of the RAWP, however, a total of 575.62 tons of clean stone (i.e., 5/8-inch stone, ¾-inch stone, and 2-1/2-inch stone) was brought on-Site to be used for construction ramp, construction entrances, and the foundation subbase. The clean stone for the construction ramp and construction entrances were removed and disposed of as nonhazardous soils. The stone used for the foundation subbase remains on-Site.
4. The proposed development depth was to 25 ft bgs throughout the Site for a total excavation volume of 38,500 cubic yards. In July 2022, due to changes in the development plans, the development depth increased to 27.5 ft bgs in the center part of the Site and 30 ft bgs in the northern portion of the Site. This increased the total excavation volume to 45,750 cubic yards.
5. There was an oversight in the original Request to Import/Reuse Fill or Soil form which omitted the ⅝-inch clean stone and 2-1/2-inch clean stone imported to the Site; therefore, the quantity in the original requested was underestimated. However, the additional material originated from the same virgin quarry mine approved for the ¾-inch clean stone, Mount Hope Quarry located at 625 Mt Hope Road in Wharton, New Jersey.

5. References

1. Brownfield Cleanup Agreement. Former Mill Sanitary Cloth Site, 40 Bruckner Boulevard, Bronx, New York. Prepared by New York State Department of Conservation, prepared for 40 Bruckner Realty LLC. July 2021.

2. Citizen Partnership Plan. Former Mill Sanitary Cloth Site, 40 Bruckner Boulevard, Bronx, New York. Prepared by New York State Department of Conservation, 40 Bruckner Realty LLC, August 2021.

3. Decision Document. Former Mill Sanitary Cloth Site, 40 Bruckner Boulevard, Bronx, New York. Prepared by New York State Department of Conservation, prepared for 40 Bruckner Realty LLC. April 2022.

4. Limited Phase II Subsurface Investigation. 40 Bruckner Boulevard, Bronx, New York. Prepared by Environmental Business Consultants, prepared for JCS Realty. December 2020.

5. Remedial Action Work Plan, Former Mill Sanitary Cloth Site, 40 Bruckner Boulevard, Bronx, New York. Prepared by Haley & Aldrich of New York, prepared for 40 Bruckner Realty LLC, March 2022.

6. Remedial Investigation Work Plan. 40 Bruckner Boulevard, Bronx, New York. Prepared by Haley & Aldrich of New York, prepared for 40 Bruckner Realty LLC. August 2021.

7. Remedial Investigation Report. 40 Bruckner Boulevard, Bronx, New York. Prepared by Haley & Aldrich of New York, prepared for 40 Bruckner Realty LLC. October 2021.

8. Program Policy DER-10, “Technical Guidance for Site Investigation and Remediation,” New York State Department of Environmental Conservation, May 2010.

9. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under New York State Department of Environmental Conservation’s Part 375 Remedial Programs. June 2021.

TABLES

TABLE I
SOIL CLEANUP OBJECTIVES (SCOs) FOR THE PROJECT
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

PCBs/Pesticides (mg/kg)	
4,4'-DDD	0.0033
4,4'-DDE	0.0033
4,4'-DDT	0.0033
Aldrin	0.005
Alpha-BHC	0.02
alpha-Chlordane	0.094
Beta-BHC	0.036
Delta-BHC	0.04
Dieldrin	0.005
Endosulfan I	2.4
Endosulfan II	2.4
Endosulfan sulfate	2.4
Endrin	0.014
gamma-BHC (Lindane)	0.1
Heptachlor	0.042
PCBs, Total	0.1

Volatile Organic Compounds (mg/kg)	
1,1,1-Trichloroethane	0.68
1,1-Dichloroethane	0.27
1,1-Dichloroethene	0.33
1,2,4-Trimethylbenzene	3.6
1,2-Dichlorobenzene	1.1
1,2-Dichloroethane	0.02
1,3,5-Trimethylbenzene	8.4
1,3-Dichlorobenzene	2.4
1,4-Dichlorobenzene	1.8
1,4-Dioxane	0.1
2-Butanone (Methyl Ethyl Ketone)	0.12
2-Phenylbutane (sec-Butylbenzene)	11
Acetone	0.05
Benzene	0.06
Carbon tetrachloride	0.76
Chlorobenzene	1.1
Chloroform (Trichloromethane)	0.37
cis-1,2-Dichloroethene	0.25
Ethylbenzene	1
Methyl tert butyl ether (MTBE)	0.93
Methylene chloride (Dichloromethane)	0.05
Naphthalene	12
n-Butylbenzene	12
n-Propylbenzene	3.9
tert-Butylbenzene	5.9
Tetrachloroethene	1.3
Toluene	0.7
trans-1,2-Dichloroethene	0.19
Trichloroethene	0.47
Vinyl chloride	0.02
Xylenes, Total	0.26

Semivolatile Organic Compounds (mg/kg)	
1,2-Dichlorobenzene	1.1
1,3-Dichlorobenzene	2.4
1,4-Dichlorobenzene	1.8
1,4-Dioxane	0.1
2-Methylphenol	0.33
Acenaphthene	20
Acenaphthylene	100
Anthracene	100
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Benzo(ghi)perylene	100
Benzo(k)fluoranthene	0.8
Chrysene	1
Dibenzo(a,h)anthracene	0.33
Dibenzofuran	7
Fluoranthene	100
Fluorene	30
Hexachlorobenzene	0.33
Indeno(1,2,3-cd)pyrene	0.5
Naphthalene	12
Pentachlorophenol	0.8
Phenanthrene	100
Phenol	0.33
Pyrene	100

Metals (mg/kg)	
Arsenic, Total	13
Barium, Total	350
Beryllium, Total	7.2
Cadmium, Total	2.5
Copper, Total	50
Lead, Total	63
Manganese, Total	1600
Mercury, Total	0.18
Nickel, Total	30
Selenium, Total	3.9
Silver, Total	2
Zinc, Total	109

Per- and Polyfluoroalkyl Substances (PFAS) (mg/kg)	
Perfluorooctanoic acid (PFOA)	0.00066
Perfluorooctanesulfonic acid (PFOS)	0.00088

Notes:

1. Criteria are 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
2. Proposed Sampling, Analysis, and Assessment of PFAS Guidance, June 2021
3. mg/kg: milligram per kilogram

TABLE II

WASTE CHARACTERIZAITON SAMPLES BY AREA AND/OR MATERIAL TYPE

FORMER MILL SANITARY WIPING CLOTH SITE

40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Sample Location	Sample ID	Sample Type	Sample Depth (feet bgs)	Sample Date	Analytical Parameters
WASTE CHARACTERIZATION SOIL SAMPLES					
WC-1	WC-1 (0-5')	Composite	0-5'	4/11/2022	SVOCs, Total Metals, PCBs, Herbicides, Pesticides, General Chemistry, Total EPH, TCLP Metals, RCRA Characteristics
	WC-1 (5-10')	Composite	5-10'	4/11/2022	
	WC-1 (10-15')	Composite	10-15'	4/11/2022	
	WC-1 (15-20')	Composite	15-20'	4/11/2022	
	WC-1 (20-25')	Composite	20-25'	4/11/2022	
WC-2	WC-2 (0-5)	Composite	0-5'	4/13/2022	
	WC-2 (5-10)	Composite	5-10'	4/13/2022	
	WC-2 (10-15)	Composite	10-15'	4/13/2022	
	WC-2 (15-20)	Composite	15-20'	4/13/2022	
	WC-2 (20-25)	Composite	20-25'	4/13/2022	
WC-3	WC-3 (0-5)	Composite	0-5'	4/13/2022	
	WC-3 (5-10)	Composite	5-10'	4/13/2022	
	WC-3 (10-15)	Composite	10-15'	4/13/2022	
	WC-3 (15-20)	Composite	15-20'	4/13/2022	
	WC-3 (20-25)	Composite	20-25'	4/13/2022	
WC-4	WC-4 (0-5')	Composite	0-5'	4/11/2022	
	WC-4 (5-10')	Composite	5-10'	4/11/2022	
	WC-4 (10-15')	Composite	10-15'	4/11/2022	
	WC-4 (15-20')	Composite	15-20'	4/11/2022	
	WC-4 (20-25')	Composite	20-25'	4/11/2022	
WC-5	WC-5 (0-5)	Composite	0-5'	4/13/2022	
	WC-5 (5-10)	Composite	5-10'	4/13/2022	
	WC-5 (10-15)	Composite	10-15'	4/13/2022	
	WC-5 (15-20)	Composite	15-20'	4/13/2022	
	WC-5 (20-25)	Composite	20-25'	4/13/2022	
WC-6	WC-6 (0-5)	Composite	0-5'	4/13/2022	
	WC-6 (5-10)	Composite	5-10'	4/13/2022	
	WC-6 (10-15)	Composite	10-15'	4/13/2022	
	WC-6 (15-20)	Composite	15-20'	4/13/2022	
	WC-6 (20-25)	Composite	20-25'	4/13/2022	
WC-7	WC-7_0-5'	Composite	0-5'	2/17/2022	
	WC-7_5-10'	Composite	5-10'	2/17/2022	
	WC-7_10-15'	Composite	10-15'	2/17/2022	
	WC-7_15-20'	Composite	15-20'	2/17/2022	
	WC-7_20-25'	Composite	20-25'	2/17/2022	
WC-8	WC-8_0-5'	Composite	0-5'	2/16/2022	
	WC-8_5-10'	Composite	5-10'	2/16/2022	
	WC-8_10-15'	Composite	10-15'	2/16/2022	
	WC-8_15-20'	Composite	15-20'	2/16/2022	
	WC-8_20-25'	Composite	20-25'	2/16/2022	
WC-9	WC-9_0-5'	Composite	0-5'	2/17/2022	
	WC-9_5-10'	Composite	5-10'	2/17/2022	
	WC-9_10-15'	Composite	10-15'	2/17/2022	
	WC-9_15-20'	Composite	15-20'	2/17/2022	
	WC-9_20-25'	Composite	20-25'	2/17/2022	
WC-10	WC-10_0-5'	Composite	0-5'	2/16/2022	
	WC-10_5-10'	Composite	5-10'	2/16/2022	
	WC-10_10-15'	Composite	10-15'	2/16/2022	
	WC-10_15-20'	Composite	15-20'	2/16/2022	
	WC-10_20-25'	Composite	20-25'	2/16/2022	
WC-2	WC-2_B4 (0-5')	Composite	0-5'	4/13/2022	Paint Filter

TABLE II
WASTE CHARACTERIZAITON SAMPLES BY AREA AND/OR MATERIAL TYPE
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Sample Location	Sample ID	Sample Type	Sample Depth (feet bgs)	Sample Date	Analytical Parameters
WASTE CHARACTERIZATION SOIL SAMPLES					
WC-1	WC-1_B1_6-8'	Grab	6-8'	4/11/2022	VOCs
	WC-1_B2_3-4'	Grab	3-4'	4/11/2022	
	WC-1_B3_12-14'	Grab	12-14'	4/11/2022	
	WC-1_B4_15-17'	Grab	15-17'	4/11/2022	
	WC-1_B5_23-25'	Grab	23-25'	4/11/2022	
WC-2	WC-2_B1 (2-4)	Grab	2-4'	4/13/2022	
	WC-2_B2 (6-9)	Grab	6-9'	4/13/2022	
	WC-2_B3 (12-14)	Grab	12-14'	4/13/2022	
	WC-2_B4 (17-19)	Grab	17-19'	4/13/2022	
	WC-2_B5 (23-25)	Grab	23-25'	4/13/2022	
WC-3	WC-3_B1 (2-4)	Grab	2-4'	4/13/2022	
	WC-3_B2 (7-8)	Grab	7-8'	4/13/2022	
	WC-3_B3 (12-14)	Grab	12-14'	4/13/2022	
	WC-3_B4 (18-20)	Grab	18-20'	4/13/2022	
	WC-3_B5 (23-25)	Grab	23-25'	4/13/2022	
WC-4	WC-4_B1_3-5'	Grab	3-5'	4/11/2022	
	WC-4_B2_8-10'	Grab	8-10'	4/11/2022	
	WC-4_B3_12-14'	Grab	12-14'	4/11/2022	
	WC-4_B4_16-18'	Grab	16-18'	4/11/2022	
	WC-4_B5_22-24'	Grab	22-24'	4/11/2022	
WC-5	WC-5_B1 (3-5)	Grab	3-5'	4/13/2022	
	WC-5_B2 (8-10)	Grab	8-10'	4/13/2022	
	WC-5_B3 (13-15)	Grab	13-15'	4/13/2022	
	WC-5_B4 (18-20)	Grab	18-20'	4/13/2022	
	WC-5_B5 (22-24)	Grab	22-24'	4/13/2022	
WC-6	WC-6_B1 (2-4)	Grab	2-4'	4/13/2022	
	WC-6_B2 (8-10)	Grab	8-10'	4/13/2022	
	WC-6_B3 (13-15)	Grab	13-15'	4/13/2022	
	WC-6_B4 (16-18)	Grab	16-18'	4/13/2022	
	WC-6_B5 (22-24)	Grab	22-24'	4/13/2022	
WC-7	WC-7_B1 (7-8')	Grab	7-8'	2/17/2022	
	WC-7_LD7 (14-15')	Grab	14-15'	2/17/2022	
	WC-7_B3 (4-5')	Grab	4-5'	2/17/2022	
	WC-7_B4 (23-24')	Grab	23-24'	2/17/2022	
	WC-7_LD6 (17-18')	Grab	17-18'	2/17/2022	
WC-8	WC-8_LD5 (14-15')	Grab	14-15'	2/16/2022	
	WC-8_B2 (8-9')	Grab	8-9'	2/16/2022	
	WC-8_B3 (1-2')	Grab	1-2'	2/16/2022	
	WC-8_LD4 (24-25')	Grab	24-25'	2/16/2022	
	WC-8_LD3 (17-18')	Grab	17-18'	2/16/2022	
WC-9	WC-9_B1 (23-24')	Grab	23-24'	2/17/2022	
	WC-9_LD1 (3-4')	Grab	3-4'	2/17/2022	
	WC-9_B3 (8-9')	Grab	8-9'	2/17/2022	
	WC-9_B4 (2-3')	Grab	2-3'	2/17/2022	
	WC-9_B5 (14-15')	Grab	14-15'	2/17/2022	
	WC-9_B5 (16-17')	Grab	16-17'	2/17/2022	
WC-10	WC-10_B1 (18-19')	Grab	18-19'	2/16/2022	
	WC-10_B2 (12-13')	Grab	12-13'	2/16/2022	
	WC-10_B3 (2-3')	Grab	2-3'	2/16/2022	
	WC-10_B4 (8-9')	Grab	8-9'	2/16/2022	
	WC-10_B5 (23-24')	Grab	23-24'	2/16/2022	

TABLE II
WASTE CHARACTERIZAITON SAMPLES BY AREA AND/OR MATERIAL TYPE
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Sample Location	Sample ID	Sample Type	Sample Depth (feet bgs)	Sample Date	Analytical Parameters
WASTE CHARACTERIZATION SOIL SAMPLES					
WC-9	LD1 (0-2'')	Grab	0-2''	2/17/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-10	LD2 (0-2'')	Grab	0-2''	5/3/2022	Total Lead and TCLP Lead
WC-8	LD3 (0-2'')	Grab	0-2''	2/16/2022	Total Lead and TCLP Lead
WC-8	LD4 (0-2'')	Grab	0-2''	2/16/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-8	LD5 (0-2'')	Grab	0-2''	2/16/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-8	LD5 (2-4')	Grab	2-4'	2/16/2022	Total Lead and TCLP Lead
WC-7	LD6 (0-2'')	Grab	0-2''	2/17/2022	Total Lead and TCLP Lead
WC-7	LD7 (0-2'')	Grab	0-2''	2/17/2022	Total Lead and TCLP Lead
WC-5	LD8 (0-2'')	Grab	0-2''	4/13/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-3	LD9 (0-2'')	Grab	0-2''	4/13/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-1	LD10 (0-2'')	Grab	0-2''	4/11/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
WC-1	LD11 (0-2'')	Grab	0-2''	4/11/2022	Total Lead and TCLP Lead, Total Mercury and TCLP Mercury
HAZARDOUS LEAD DELINEATION SOIL SAMPLES					
WC-7	WC-7_SW1_15-20'	Composite	15-20'	5/20/2022	Contingent - Total Lead and TCLP Lead (not analyzed)
WC-8	WC-8_SW1_15-20'	Composite	15-20'	5/20/2022	
WC-8	WC-8_SW2_15-20'	Composite	15-20'	5/20/2022	
WC-9	WC-9_SW1_15-20'	Composite	15-20'	5/20/2022	
WC-9	WC-9_SW2_15-20'	Composite	15-20'	5/20/2022	
WC-10	WC-10_14.5-15'	Composite	14.5-15'	5/20/2022	Total Lead and TCLP Lead
WC-10	WC-10_20.5-21'	Composite	20.5-21'	5/20/2022	
WC-10	WC-10_SW1_15-20'	Composite	15-20'	5/20/2022	
WC-10	WC-10_SW2_15-20'	Composite	15-20'	5/20/2022	
WC-10	WC-10_SW3_15-20'	Composite	15-20'	5/20/2022	
WC-10	WC-10_SW4_15-20'	Composite	15-20'	5/20/2022	
WC-10	WC-10_SW5_15-20'	Composite	15-20'	5/20/2022	

Notes:

** See Figure 3 for sample locations*
1. VOC - Volatile Organic Compound
2. SVOC - Semivolatile Organic Compound
3. PCB - Polychlorinated Biphenyl
4. EPH - Extractable Petroleum Hydrocarbons
5. TCLP - Toxicity Characteristic Leaching Procedure
6. RCRA - Resource Conservation and Recovery Act
7. bgs - below ground surface

TABLE III
CAMP EXCEEDANCE AND ERROR LOG
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Date	Time	Station Impacted	Impacted Monitoring Equipment	Comments
5/2/2022	All Day	All Stations	PID, DustTrak	No intrusive activities conducted; CAMP stations not setup; visual and olfactory monitoring conducted.
5/3/2022	All Day	Upwind E485 & Downwind E356	PID, DustTrak	Minor intrusive activities conducted; only downwind CAMP station E486 setup; visual and olfactory monitoring conducted.
5/4/2022	1000-1545	All Stations	PID, DustTrak	CAMP stations taken down at 1000 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.
5/5/2022-5/11/2022	All Day	Downwind E356	PID, DustTrak	VOC exceedances were reported at downwind station E356 from 5/5/2022 to 5/11/2022. Additionally, particulate exceedances were reported at downwind station E356 on 5/10/2022. US Environmental, the manufacturer of the equipment determined that modem E356 was not functioning properly. Real time data observed in the field did not match the data reported in Envizor. A replacement modem was delivered to the Site on 5/12/2022.
5/6/2022	0845-1530 (Heavy Rain)	All Stations	PID, DustTrak	CAMP stations taken down at 0845 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.
5/9/2022	All Day	Downwind E486	DustTrak	Due to internal battery issues with the DustTrak, concentrations of particulate matter were not recorded at downwind station E486. No visible dust was observed leaving the Site perimeter. A replacement DustTrak was delivered to the Site on 5/10/2022.
5/12/2022	0645-1145 (Downwind E356) 1145-1420 (Downwind E486)	Downwind E356 & E486	PID, DustTrak	Replacement modem E433 arrived onsite at approximately 1145. US Environmental accidentally replaced modem E486 instead of modem E356. Manual readings were collected at E486 until the modem was returned at approximately 1420.
5/16/2022	0835-0851, 0915-0923, 1002-1009 (Downwind E486) 1340-1545 (All Stations)	All Stations	PID, DustTrak	1. Between 0835-0851, particulate concentrations intermittently exceeded action levels at downwind station E486. Between 0915-0923 and 1002-1009, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were loading soil onto tri-axles immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. CAMP stations taken down at 1340 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.
5/17/2022	1315-1330	Downwind E486	DustTrak	Between 1315-1330, particulate concentrations intermittently exceeded the action levels at downwind CAMP station E486. During that time, the contractors were loading soil onto tri-axles immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
5/19/2022	0700-1205 (Heavy Rain) 1205-1520 (Downwind E433)	All Stations	PID, DustTrak	1.CAMP stations were not deployed until 1205 to prevent damage from heavy rain. Visual and olfactory monitoring were performed prior to deploying the CAMP stations. No odors or visual dust were observed leaving the Site perimeter. 2. The DustTrak for CAMP station E433 failed calibration and was unable to be deployed. No visible dust was observed leaving the Site perimeter. A replacement DustTrak was delivered on 5/20/2022.
5/20/2022	All Day	Downwind Station E433	DustTrak	US Environmental didn't arrive with the replacement DustTrak until the end of the day. Downwind station E433 was deployed but only VOC concentrations were collected at this station. No visible dust was observed leaving the Site perimeter.
5/24/2022	0938-1001	Downwind Station E486	DustTrak	Between 0938-1001, particulate concentrations intermittently exceeded the action levels at downwind CAMP station E486. During that time, the contractors were loading concrete onto tri-axle trucks immediately adjacent to the downwind station. Intermittent visible dust was observed leaving the Site perimeter during loading of non-impacted concrete. Potable water was used to dampen the stockpile of concrete and suppress the dust during loadout.
5/26/2022	0731-0757 (Downwind E486) All Day (Downwind E433)	Downwind E486 & E433	PID, DustTrak	1. Between 0731-0757, particulate concentrations intermittently exceeded action levels at downwind station E486. During that time, the contractors were loading soil onto tri-axles immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. VOC concentrations were not recorded at downwind station E433 due to issues with the PID. After discussions with US Environmental, it was determined that the lamp for the PID failed and the PID needed replaced. No 15-minute average concentrations of VOCs exceeded the action levels at the other CAMP stations during community air monitoring. A replacement PID was delivered on 5/27/2022.
5/27/2022	0700-1130	Downwind E433	PID	VOC concentrations were not recorded at downwind station E433 until the replacement PID arrived at approximately 1130.
5/31/2022	1502-1511	Downwind E486	DustTrak	Between 1502-1511, particulate concentrations intermittently exceeded the action levels at downwind CAMP station E486. During that time, the contractors were breaking up concrete footings immediately adjacent to the downwind CAMP station. Intermittent visible dust was observed leaving the Site perimeter during breaking of concrete. Potable water was used to dampen the work area and suppress dust.

TABLE III
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6/3/2022	1055-1100, 1211-1226	Downwind E486	DustTrak	Between 1055-1100 and 1211-1226, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were loading tri-axle trucks and breaking up concrete foundations immediately adjacent to the downwind station. Intermittent visible dust was observed leaving the Site perimeter during breaking of concrete. Potable water was used to dampen the work area and suppress dust during loadout.
6/14/2022	0825-0836	Downwind E486	DustTrak	Between 0825-0836, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were breaking up and removing concrete footings immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
6/14/2022-6/15/2022	All Day	Upwind E485	PID, DustTrak	Due to issues with the modem, no data was recorded at the upwind station from 6/14/2022 to 6/15/2022. After discussions with US Environmental, it was determined that modem E485 was not functioning properly during this time period. Visual and olfactory monitoring were conducted at this station during intrusive activities. Modem E433 was used as the upwind station on 6/16/2022 until replacement modem E491 was received on 6/17/2022.
6/16/2022	0700-0910	All Stations	PID, DustTrak	CAMP stations were not deployed until 0910 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted until the stations were deployed. No odors or visual dust were observed leaving the Site perimeter.
6/22/2022	1515-1700	All Stations	PID, DustTrak	CAMP stations taken down at 1515 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.
6/24/2022	All Day	Downwind E433	PID, DustTrak	Downwind station E433 was not deployed due to internal issues with the DustTrak and PID. After discussions with US Environmental, it was determined that both instruments needed replaced. The PID and DustTrak were replaced on 6/27/2022.
6/27/2022	All Day	All Stations	PID, DustTraK	CAMP stations were not deployed to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
6/30/2022	0922-0936, 1109-1142	Downwind E486	DustTrak	Between 0922-0936, particulate concentrations intermittently exceeded action levels at downwind station E486. Between 1109-1142, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were welding whalers along the southern boundary of the Site immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/1/2022	0748-0759	Downwind E486	DustTrak	Between 1109-1142, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were welding whalers along the northern boundary of the Site immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/5/2022	1615-1700	Upwind E491	DustTrak	Between 0743-0824, 0833-0958, and 1047-1052, particulate concentrations exceeded action levels at upwind station E491. During those time intervals, the contractors were using the excavator and welding whalers along the southern boundary of the Site immediately adjacent to the upwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/6/2022	0640-0715 (Upwind E491) 0705-1030 (Downwind E433)	Upwind E491 & Downwind E433	PID, DustTrak	1. Between 0640-0715, particulate concentrations intermittently exceeded action levels at upwind station E491. During that time, the contractors were loading soil onto tri-axles immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Field staff ran out of calibration gas while calibrating the PID at downwind station E433. Calibration failed causing the PID data to be inaccurate until more calibration gas was received at approximately 1030. Once the additional calibration gas was received, the PID was recalibrated and the data returned to normal. No VOC exceedances were observed at the other CAMP stations while waiting for calibration gas to arrive.
7/7/2022	0721-0838 (Downwind E486) 1524-1530 (Downwind E433)	Downwind E486 & E433	DustTrak	1. Between 0721-0838, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were welding whalers along the southern boundary of the Site immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Between 1524-1530, particulate concentrations exceeded action levels at downwind station E433. During that time, the contractors were stockpiling soil and moving construction ramp stone immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.

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Date	Time	Station Impacted	Impacted Monitoring Equipment	Comments
7/8/2022	1044-1124	Upwind E491	DustTrak	Between 1044-1124, particulate concentrations intermittently exceeded action levels at upwind station E491. During that time, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the upwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/12/2022	All Day	Downwind E486	PID	VOC concentrations were not recorded at downwind station E486 due to issues with the PID. After discussions with US Environmental, it was determined that the lamp for the PID failed and the PID needed replaced. No 15-minute average concentrations of VOCs exceeded the action levels at the other CAMP stations during community air monitoring. A replacement PID was delivered on 7/13/2022.
7/13/2022	0700-1300 (Downwind E433) 0700-1400 (Downwind E486)	Downwind E486 & E433	PID, DustTrak	1. Due to issues with the 12-volt battery, data was not recorded at downwind CAMP station E433 until approximately 1300. The issues with the 12-volt battery were corrected and data was collected as normal for the remainder of the day. 2. VOC concentrations were not recorded at downwind CAMP station E486 until the replacement PID arrived at approximately 1400.
7/14/2022	1525-1529	Downwind E486	DustTrak	Between 1525-1529, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/15/2022	0700-1238 (Downwind E433) 1352-1412 (Downwind E486)	Downwind E486 & E433	PID, DustTrak	1. Due to issues with the 12-volt battery, data was not recorded at downwind CAMP station E433 until approximately 1238. The issues with the 12-volt battery were corrected and data was collected as normal for the remainder of the day. 2. Between 1352-1412, particulate concentrations intermittently exceeded action levels at downwind station E486. During that time, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/18/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
7/19/2022	0730-0926, 1620-1626	Upwind E491	PID, DustTrak	1. Due to issues with the 12-volt battery, data was not recorded at upwind CAMP station E491 from 0730 to 0926. The issues with the 12-volt battery were corrected and data was collected as normal for the remainder of the day. 2. Between 1620-1626, particulate concentrations exceeded action levels at upwind station E491. During that time, the contractors were unloading an excavator immediately adjacent to the upwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/20/2022	0715-0724, 0844-0853	Upwind E491	DustTrak	Between 0715-0724 and 0844-0853, particulate concentrations exceeded action levels at upwind station E491. During those time intervals, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the upwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/21/2022	1315-1530	Upwind E491	PID, DustTrak	Upwind CAMP station E491 was knocked over and damaged at approximately 1315. Visual and olfactory monitoring were performed at the upwind station for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter. Downwind CAMP station E486 served as the upwind station on 7/22/2022 while US Environmental repaired station E491. Upwind station E491 was back online on 7/25/2022.
7/25/2022	1315-1530	All Stations	PID, DustTrak	CAMP stations taken down at 1315 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.
7/26/2022	1122-1147	Downwind E486	DustTrak	Between 1122-1147, particulate concentrations intermittently exceeded action levels at downwind station E486. During that time, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/27/2022	0719-0736	Upwind E491	DustTrak	Between 0719-0736, particulate concentrations intermittently exceeded action levels at upwind station E491. During that time, the contractors were installing and welding whalers immediately adjacent to the upwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/28/2022	0927-0931	Downwind E486	DustTrak	Between 0927-0932, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
7/29/2022	1315-1530	All Stations	PID, DustTrak	CAMP stations taken down at 1315 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted for the remainder of the day. No odors or visual dust were observed leaving the Site perimeter.

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8/1/2022	0659-0705, 0829-0839, 1118-1125	Upwind E491	DustTrak	Between 0659-0705 and 1118-1125, particulate concentrations exceeded action levels at upwind station E491. Between 0829-0839, particulate concentrations intermittently exceeded action levels at upwind station E491. During those time intervals, the contractors were installing and welding whalers immediately adjacent to the upwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/3/2022	1157-1201, 1214-1219 (Downwind E486) 1149-1159, 1220-1224, 1445-1450 (Downwind E433)	Downwind E486 & E433	DustTrak	1. Between 1157-1201 and 1214-1219, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Between 1149-1159, 1220-1224, and 1445-1450, particulate concentrations exceeded action levels at downwind station E433. During those time intervals, the contractors were welding whalers and loading tri-axle trucks with soil immediately adjacent to the downwind station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/9/2022	All Day	Upwind E491	DustTrak	Particulate concentrations intermittently exceeded action levels at upwind station E491 throughout the day. The intermittent exceedances were due to the contractors welding walers and tiebacks immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/10/2022	0714-0740,0807-0812, 0849-0857, 1241-1249	Downwind E486	DustTrak	Between 0714-0740, 0807-0812, 0849-0857, and 1241-1249, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were welding walers and tiebacks immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/11/2022	0700-0845	All Stations	PID, DustTrak	CAMP stations were not deployed until 0845 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted until the stations were deployed. No odors or visual dust were observed leaving the Site perimeter.
8/17/2022	0726-0737	Downwind E486	DustTrak	Between 0726-0737, particulate concentrations exceeded action levels at downwind station E486. During that time, tri-axles were idling immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/18/2022	1415-1600	Downwind E486	PID, DustTrak	Due to issues with the 12-volt battery, data was not recorded at downwind CAMP station E486 from 1415 to 1600. The issues with the 12-volt battery were corrected and data was collected as normal on 8/19.
8/19/2022	1136-1333	Upwind E491	PID, DustTrak	Due to issues with the 12-volt battery, data was not recorded at upwind CAMP station E491 from 1136-1333. The issues with the 12-volt battery were corrected and data was collected as normal for the remainder of the day.
8/22/2022	0700-0932 (Downwind E433) 1130-1330 (All Stations)	All Stations	PID, DustTrak	1. Downwind CAMP station E433 wasn't deployed until 0932. Upwind station E491 and downwind station E486 were active during this time. 2. CAMP stations were taken down from 1130-1330 to prevent damage by heavy rain. Visual and olfactory monitoring were conducted until the stations were redeployed. No odors or visual dust were observed leaving the Site perimeter.
8/23/2022	0922-0938, 1052-1059	Downwind E486	DustTrak	Between 0922-0938 and 1052-1059, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, tri-axles were idling immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
8/31/2022	1308-1313, 1345-1351	Downwind E486	DustTrak	Between 1308-1313 and 1345-1351, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, tri-axles were idling immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
9/1/2022	0727-0731, 1041-1050, 1151-1200, 1405-1411	Downwind E486	DustTrak	Between 0727-0731, 1041-1050, 1151-1200, and 1405-1411, particulate concentrations exceeded action levels at downwind station E486. During those time intervals, the contractors were welding raker beams and loading tri-axle trucks with soil immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
9/2/2022	0700-0710, 0902-0916, 1120-1142, 1335-1339	Downwind E486	DustTrak	Between 0700-0710, 0902-0916, and 1335-1339, particulate concentrations exceeded action levels at downwind station E486. Between 1120-1142, particulate concentrations intermittently exceeded action levels at downwind station E486. During those time intervals, the contractors were welding raker beams and loading tri-axle trucks with soil immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.

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9/6/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
9/7/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
9/12/2022	0730-1300	Downwind E433	PID, DustTrak	Damage to the components of downwind station E433 was observed at the end of the day on 9/9/2022. Downwind station E433 was not deployed until a US Environmental Technician was able to repair the damage at approximately 1300.
9/15/2022	0836-0840, 1335-1715	Upwind E491	DustTrak	1. Between 0836-0840, particulate concentrations exceeded action levels at upwind station E491. During that time, the contractors were unloading and stockpiling virgin stone immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Due to issues with the DustTrak, no particulate data was recorded at upwind station E491 from 1335-1715. US Environmental was contacted and the DustTrak issues were corrected.
9/16/2022	1248-1304	Downwind E486	DustTrak	Between 1248-1304, particulate concentrations exceeded action levels at downwind station E486. During that time, the contractors were moving virgin stone and soil with an excavator immediately adjacent to the CAMP stations. Potable water was used to dampen the work areas prior to and during intrusive
9/21/2022	1128-1137, 1521-1557, 1614-1629 (Downwind E486) 0920-0933, 1024-1030, 1146-1150, 1530-1545 (Downwind E433)	Downwind E486 & E433	DustTrak	1. Between 1614-1629, particulate concentrations exceeded action levels at downwind station E486. Between 1128-1137 and 1521-1557, particulate concentrations intermittently exceeded action levels at downwind station E486. During those time intervals, the contractors were unloading deliveries of equipment, rebar, and concrete immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Between 0920-0933, 1024-1030, and 1146-1150, particulate concentrations exceeded action levels at downwind station E433. Between 1530-1545, particulate concentrations intermittently exceeded action levels at downwind station E433. During those time intervals, the contractors were unloading deliveries of equipment, rebar, and concrete immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
9/22/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
9/28/2022	1001-1015	Downwind E486	DustTrak	Between 1001-1015, particulate concentrations exceeded action levels at downwind station E486. During that time, concrete pump trucks were staging and operating immediately adjacent to the CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.
9/29/2022	All Day	Downwind E486 & E433	DustTrak	Particulate concentrations intermittently exceeded action levels at both downwind stations throughout the day. The intermittent exceedances were due to the contractor loading tri-axle trucks with soil and staging concrete trucks immediately adjacent to the CAMP stations. Potable water was used to dampen the work areas and suppress the dust during soil loadout and rat slab installation. No visible dust was observed leaving the Site perimeter.
9/30/2022	All Day	Downwind E486 & E433	DustTrak	Particulate concentrations intermittently exceeded action levels at both downwind stations throughout the day. The intermittent exceedances were due to the contractor loading tri-axle trucks with soil and demobilizing excavation equipment from the Site immediately adjacent to the CAMP stations. Potable water was used to dampen the work areas and suppress the dust during soil loadout and equipment demobilization. No visible dust was observed leaving the Site perimeter.
10/3/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
10/4/2022	All Day	All Stations	PID, DustTrak	CAMP stations were not deployed today to prevent damage by heavy rain. Visual and olfactory monitoring were conducted throughout the day. No odors or visual dust were observed leaving the Site perimeter.
10/7/2022	1213-1231 (Downwind E486) 1215-1234 (Downwind E433)	Downwind E486 & E433	DustTrak	1. Between 1213-1231, particulate concentrations intermittently exceeded action levels at downwind station E486. During that time, the contractor was staging and operating concrete pump trucks immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter. 2. Between 1215-1234, particulate concentrations exceeded action levels at downwind station E433. During that time, the contractor was staging and operating concrete pump trucks immediately adjacent to the downwind CAMP station. Potable water was used to dampen the work areas prior to and during intrusive activities. No visible dust was observed leaving the Site perimeter.

TABLE IV
OFFSITE SOIL/WASTE DISPOSAL VOLUMES AND FACILITIES
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Facility	Grid	Soil Classification	Tonnage	Total Tonnage	Estimated Cubic Yards	Estimated Total Cubic Yards
Clean Earth of Carteret Carteret, NJ	WC-1	Non-Hazardous Contaminated	2,494.20	2,555.54	1,700	1700
		Uncontaminated Native Soil	61.34		40	
	WC-2	Non-Hazardous Contaminated	1,927.53	1,927.53	1,300	1300
		Uncontaminated Native Soil	0		0	
	WC-3	Non-Hazardous Contaminated	3,119.65	3,819.91	2,100	2500
		Uncontaminated Native Soil	700.26		470	
	WC-4	Non-Hazardous Contaminated	2,387.05	2,509.21	1,600	1700
		Uncontaminated Native Soil	122.16		80	
	WC-5	Non-Hazardous Contaminated	1,547.58	1,747.36	1,000	1200
		Uncontaminated Native Soil	199.78		130	
	WC-6	Non-Hazardous Contaminated	2,762.03	3,400.94	1,800	2300
		Uncontaminated Native Soil	638.91		430	
	WC-7	Non-Hazardous Contaminated	1,699.19	1,722.87	1,100	1100
		Uncontaminated Native Soil	23.68		20	
	WC-8	Non-Hazardous Contaminated	2,312.65	2,860.11	1,500	1900
		Uncontaminated Native Soil	547.46		360	
	WC-9	Non-Hazardous Contaminated	1,705.28	2,112.01	1,100	1400
		Uncontaminated Native Soil	406.73		270	
	WC-10	Non-Hazardous Contaminated	2,123.62	3,676.33	1,400	2500
		Uncontaminated Native Soil	1,552.71		1,000	
P Park NJ Prospect Park, NJ	WC-1	-	0	0	0	0
	WC-2	Uncontaminated Native Soil	83.90	83.90	60	60
	WC-3	Non-Hazardous Contaminated	590.18	1,270.98	390	850
		Uncontaminated Native Soil	680.80		450	
	WC-4	Uncontaminated Native Soil	277.68	277.68	190	190
	WC-5	Uncontaminated Native Soil	285.90	285.90	190	190
	WC-6	Uncontaminated Native Soil	675.40	675.40	450	450
	WC-7	-	0	0	0	0
	WC-8	-	0	0	0	0
	WC-9	Uncontaminated Native Soil	906.06	906.06	600	600
	WC-10	-	0	0	0	0
Impact Reuse & Recovery Center Lyndhurst, NJ	WC-1	Uncontaminated Native Soil	2,079.03	2,079.03	1,400	1400
	WC-2	Uncontaminated Native Soil	2,635.21	2,635.21	1,800	1800
	WC-3	Uncontaminated Native Soil	298.25	298.25	200	200
	WC-4	Uncontaminated Native Soil	908.71	908.71	610	610
	WC-5	Uncontaminated Native Soil	1,519.28	1,519.28	1,000	1000
	WC-6	Uncontaminated Native Soil	107.32	107.32	70	70
	WC-7	-	0	0	0	0
	WC-8	-	0	0	0	0
	WC-9	-	0	0	0	0
	WC-10	-	0	0	0	0

TABLE IV
OFFSITE SOIL/WASTE DISPOSAL VOLUMES AND FACILITIES
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Facility	Grid	Soil Classification	Tonnage	Total Tonnage	Estimated Cubic Yards	Estimated Total Cubic Yards
DuPont/Chemours Grasselli Works Site Linden, NJ	WC-1	Uncontaminated Native Soil	1,439.67	1,439.67	960	960
	WC-2	Uncontaminated Native Soil	1,277.53	1,277.53	850	850
	WC-3	Uncontaminated Native Soil	2,176.60	2,176.60	1,500	1500
	WC-4	Uncontaminated Native Soil	2,199.52	2,199.52	1,500	1500
	WC-5	Uncontaminated Native Soil	1,018.50	1,018.50	680	680
	WC-6	Uncontaminated Native Soil	784.46	784.46	520	520
	WC-7	Uncontaminated Native Soil	512.54	512.54	340	340
	WC-8	Uncontaminated Native Soil	206.09	206.09	140	140
	WC-9	Uncontaminated Native Soil	321.70	321.70	210	210
	WC-10	-	0	0	0	0
Old Bridge Redevelopment Old Bridge, NJ	WC-1	Uncontaminated Native Soil	4,245.00	4,245.00	2,800	2800
	WC-2	Uncontaminated Native Soil	2,445.00	2,445.00	1,600	1600
	WC-3	Uncontaminated Native Soil	3,510.00	3,510.00	2,300	2300
	WC-4	Uncontaminated Native Soil	1,380.00	1,380.00	920	920
	WC-5	Uncontaminated Native Soil	1,290.00	1,290.00	860	860
	WC-6	Uncontaminated Native Soil	1,230.00	1,230.00	820	820
	WC-7	Uncontaminated Native Soil	810.00	810.00	540	540
	WC-8	Uncontaminated Native Soil	1,380.00	1,380.00	920	920
	WC-9	Uncontaminated Native Soil	1,170.00	1,170.00	780	780
	WC-10	-	0	0	0	0
Clean Earth of North Jersey Kearny, NJ	WC-1	-	0	0	0	0
	WC-2	-	0	0	0	0
	WC-3	-	0	0	0	0
	WC-4	-	0	0	0	0
	WC-5	-	0	0	0	0
	WC-6	-	0	0	0	0
	WC-7	-	0	0	0	0
	WC-8	-	0	0	0	0
	WC-9	-	0	0	0	0
	WC-10	Hazardous Contaminated Soil	1,221.91	1,221.91	810	810

	Tons	Cubic Yards
Total Non-Hazardous Contaminated:	22,668.95	15,100
Total Uncontaminated Native Soil (tons):	42,107.18	28,100
Total Hazardous Contaminated Soil (tons)	1,221.91	810
Total Remedial (tons):	23,890.86	15,900
Total (tons):	65,998.04	44,000

Notes:
See Figures 3, 4, and 5 for grid locations, remedial excavation depths, and development excavation depths.
Old Bridge Redevelopment did not have a weight scale, each load assumed to have 30 tons based on 20 cubic yards and a conversion factor of 1.5 tons per cubic yard.
A conversion factor of 1.5 tons/cubic yard is assumed for all volumes.
Due to rounding, individual estimated cubic yards may not add up to total cubic yards.

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-1 EP-1_8-8.5 05/19/2022 L2226707-01 8 - 8.5 (ft)	EP-2 EP-2_8-8.5 05/23/2022 L2227226-01 8 - 8.5 (ft)	EP-3 EP-3_8-8.5 05/23/2022 L2227226-02 8 - 8.5 (ft)	EP-4 EP-4_8-8.5 05/24/2022 L2227519-01 8 - 8.5 (ft)	EP-4 EP-4_10-10.5 06/16/2022 L2232177-01 10 - 10.5 (ft)	EP-5 EP-5_8-8.5 05/24/2022 L2227519-02 8 - 8.5 (ft)	EP-5 EP-5_10-10.5 06/16/2022 L2232177-02 10 - 10.5 (ft)	EP-6 EP-6_8-8.5 05/24/2022 L2227519-03 8 - 8.5 (ft)	EP-6 EP-6_10-10.5 06/16/2022 L2232177-03 10 - 10.5 (ft)	EP-7 EP-7_8-8.5 05/24/2022 L2227519-04 8 - 8.5 (ft)	EP-7 EP-7_10-10.5 06/16/2022 L2232177-04 10 - 10.5 (ft)	EP-8 EP-8_8-8.5 05/24/2022 L2227519-05 8 - 8.5 (ft)	EP-8 EP-8_10-10.5 06/16/2022 L2232177-05 10 - 10.5 (ft)	EP-8 EP-8_12-12.5 06/28/2022 L2234252-03 12 - 12.5 (ft)	EP-9 EP-9_8-8.5 05/24/2022 L2227519-06 8 - 8.5 (ft)	EP-9 EP-9_10-10.5 06/16/2022 L2232177-06 10 - 10.5 (ft)	EP-9 EP-9_12-12.5 06/28/2022 L2234252-04 12 - 12.5 (ft)	EP-10 EP-10_8-8.5 05/19/2022 L2226707-02 8 - 8.5 (ft)
Volatile Organic Compounds (mg/kg)																					
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
1,1,1-Trichloroethane	0.68	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
1,1,2-Trichloroethane	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,1-Dichloroethane	0.27	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,1-Dichloroethene	0.33	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,1-Dichloropropene	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2,3-Trichloropropane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2,4-Trichlorobenzene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2,4-Trimethylbenzene	3.6	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0028)	ND (0.0034)	ND (0.0027)	ND (0.0028)	-	ND (0.0028)	-	ND (0.0028)	-	ND (0.0037)	-	ND (0.0034)	-	-	ND (0.0036)	-	-	ND (0.0034)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,2-Dichlorobenzene	1.1	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,2-Dichloroethane	0.02	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,2-Dichloroethene (total)	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,2-Dichloropropane	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
1,3,5-Trimethylbenzene	8.4	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,3-Dichlorobenzene	2.4	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,3-Dichloropropane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,3-Dichloropropene	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
1,4-Dichlorobenzene	1.8	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,4-Diethylbenzene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
1,4-Dioxane	0.1	NA	ND (0.074)	ND (0.091)	ND (0.073)	ND (0.075)	-	ND (0.076)	-	ND (0.074)	-	ND (0.099)	-	ND (0.091)	-	-	ND (0.097)	-	-	ND (0.09)
2,2-Dichloropropane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
2-Butanone (Methyl Ethyl Ketone)	0.12	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094) J	-	ND (0.0094) J	-	ND (0.0092) J	-	ND (0.012) J	-	ND (0.011) J	-	-	ND (0.012) J	-	-	ND (0.011)
2-Chlorotoluene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094) J	-	ND (0.0094) J	-	ND (0.0092) J	-	ND (0.012) J	-	ND (0.011) J	-	-	ND (0.012) J	-	-	ND (0.011)
2-Phenylbutane (sec-Butylbenzene)	11	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
4-Chlorotoluene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094)	-	ND (0.0094)	-	ND (0.0092)	-	ND (0.012)	-	ND (0.011)	-	-	ND (0.012)	-	-	ND (0.011)
Acetone	0.05	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094)	-	ND (0.0094)	-	ND (0.0092)	-	ND (0.012)	-	ND (0.011)	-	-	0.012	-	-	ND (0.011)
Acrylonitrile	NA	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	ND (0.0038)	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
Benzene	0.06	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
Bromobenzene	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Bromodichloromethane	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
Bromoform	NA	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	ND (0.0038)	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Carbon disulfide	NA	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094)	-	ND (0.0094)	-	ND (0.0092)	-	ND (0.012)	-	ND (0.011)	-	-	ND (0.012)	-	-	ND (0.011)
Carbon tetrachloride	0.76	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Chlorobenzene	1.1	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
Chlorobromomethane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Chloroethane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Chloroform (Trichloromethane)	0.37	NA	ND (0.0014)	ND (0.0017)	ND (0.0014)	ND (0.0014)	-	ND (0.0014)	-	ND (0.0014)	-	ND (0.0019)	-	ND (0.0017)	-	-	ND (0.0018)	-	-	ND (0.0017)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	ND (0.0038)	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
cis-1,2-Dichloroethene	0.25	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
cis-1,3-Dichloropropene	NA	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Dibromochloromethane	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Dibromomethane	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094)	-	ND (0.0094)	-	ND (0.0092)	-	ND (0.012)	-	ND (0.011)	-	-	ND (0.012)	-	-	ND (0.011)
Ethyl Ether	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Ethylbenzene	1	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Hexachlorobutadiene	NA	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	ND (0.0038)	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
Isopropylbenzene (Cumene)	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
m,p-Xylenes	NA	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Methyl Tert Butyl Ether (MTBE)	0.93	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Methylene chloride (Dichloromethane)	0.05	NA	ND (0.0046)	ND (0.0057)	ND (0.0045)	ND (0.0047)	-	ND (0.0047)	-	ND (0.0046)	-	ND (0.0062)	-	ND (0.0057)	-	-	ND (0.006)	-	-	ND (0.0056)
Naphthalene	12	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	0.004	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
n-Butylbenzene	12	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
n-Propylbenzene	3.9	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-1 EP-1_8-8.5 05/19/2022 L2226707-01 8 - 8.5 (ft)	EP-2 EP-2_8-8.5 05/23/2022 L2227226-01 8 - 8.5 (ft)	EP-3 EP-3_8-8.5 05/23/2022 L2227226-02 8 - 8.5 (ft)	EP-4 EP-4_8-8.5 05/24/2022 L2227519-01 8 - 8.5 (ft)	EP-4 EP-4_10-10.5 06/16/2022 L2232177-01 10 - 10.5 (ft)	EP-5 EP-5_8-8.5 05/24/2022 L2227519-02 8 - 8.5 (ft)	EP-5 EP-5_10-10.5 06/16/2022 L2232177-02 10 - 10.5 (ft)	EP-6 EP-6_8-8.5 05/24/2022 L2227519-03 8 - 8.5 (ft)	EP-6 EP-6_10-10.5 06/16/2022 L2232177-03 10 - 10.5 (ft)	EP-7 EP-7_8-8.5 05/24/2022 L2227519-04 8 - 8.5 (ft)	EP-7 EP-7_10-10.5 06/16/2022 L2232177-04 10 - 10.5 (ft)	EP-8 EP-8_8-8.5 05/24/2022 L2227519-05 8 - 8.5 (ft)	EP-8 EP-8_10-10.5 06/16/2022 L2232177-05 10 - 10.5 (ft)	EP-8 EP-8_12-12.5 06/28/2022 L2234252-03 12 - 12.5 (ft)	EP-9 EP-9_8-8.5 05/24/2022 L2227519-06 8 - 8.5 (ft)	EP-9 EP-9_10-10.5 06/16/2022 L2232177-06 10 - 10.5 (ft)	EP-9 EP-9_12-12.5 06/28/2022 L2234252-04 12 - 12.5 (ft)	EP-10 EP-10_8-8.5 05/19/2022 L2226707-02 8 - 8.5 (ft)
o-Xylene	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Styrene	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
tert-Butylbenzene	5.9	NA	ND (0.0018)	ND (0.0023)	ND (0.0018)	ND (0.0019)	-	ND (0.0019)	-	ND (0.0018)	-	ND (0.0025)	-	ND (0.0023)	-	-	ND (0.0024)	-	-	ND (0.0022)
Tetrachloroethene	1.3	NA	ND (0.00046)	0.00082	ND (0.00045)	0.00034 J	-	0.0002 J	-	ND (0.00046)	-	ND (0.00062)	-	0.00047 J	-	-	ND (0.0006)	-	-	0.0006
Toluene	0.7	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
trans-1,2-Dichloroethene	0.19	NA	ND (0.0014)	ND (0.0017)	ND (0.0014)	ND (0.0014)	-	ND (0.0014)	-	ND (0.0014)	-	ND (0.0019)	-	ND (0.0017)	-	-	ND (0.0018)	-	-	ND (0.0017)
trans-1,3-Dichloropropene	NA	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0046)	ND (0.0057)	ND (0.0045)	ND (0.0047)	-	ND (0.0047)	-	ND (0.0046)	-	ND (0.0062)	-	ND (0.0057)	-	-	ND (0.006)	-	-	ND (0.0056)
Trichloroethene	0.47	NA	ND (0.00046)	ND (0.00057)	ND (0.00045)	ND (0.00047)	-	ND (0.00047)	-	ND (0.00046)	-	ND (0.00062)	-	ND (0.00057)	-	-	ND (0.0006)	-	-	ND (0.00056)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0037)	ND (0.0046)	ND (0.0036)	ND (0.0038)	-	ND (0.0038)	-	ND (0.0037)	-	ND (0.005)	-	ND (0.0046)	-	-	ND (0.0048)	-	-	ND (0.0045)
Vinyl acetate	NA	NA	ND (0.0093)	ND (0.011)	ND (0.0091)	ND (0.0094)	-	ND (0.0094)	-	ND (0.0092)	-	ND (0.012)	-	ND (0.011)	-	-	ND (0.012)	-	-	ND (0.011)
Vinyl chloride	0.02	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Xylene (total)	0.26	NA	ND (0.00093)	ND (0.0011)	ND (0.00091)	ND (0.00094)	-	ND (0.00094)	-	ND (0.00092)	-	ND (0.0012)	-	ND (0.0011)	-	-	ND (0.0012)	-	-	ND (0.0011)
Semi-Volatile Organic Compounds (mg/kg)																				
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
1,2,4-Trichlorobenzene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
1,2-Dichlorobenzene	1.1	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
1,3-Dichlorobenzene	2.4	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
1,4-Dichlorobenzene	1.8	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
1,4-Dioxane	0.1	NA	ND (0.026)	ND (0.026)	ND (0.03)	ND (0.028)	-	ND (0.026)	-	ND (0.027)	-	ND (0.026)	-	ND (0.026)	-	-	ND (0.027)	-	-	ND (0.027)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.21)	ND (0.21)	ND (0.24)	ND (0.22)	-	ND (0.21)	-	ND (0.22)	-	ND (0.21)	-	ND (0.21)	-	-	ND (0.22)	-	-	ND (0.22)
2,4,5-Trichlorophenol	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2,4,6-Trichlorophenol	NA	NA	ND (0.1)	ND (0.1)	ND (0.12)	ND (0.11)	-	ND (0.11)	-	ND (0.11)	-	ND (0.1)	-	ND (0.11)	-	-	ND (0.11)	-	-	ND (0.11)
2,4-Dichlorophenol	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	-	ND (0.16)	-	-	ND (0.16)
2,4-Dimethylphenol	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2,4-Dinitrophenol	NA	NA	ND (0.84)	ND (0.84)	ND (0.97)	ND (0.88)	-	ND (0.85)	-	ND (0.86)	-	ND (0.84)	-	ND (0.85)	-	-	ND (0.86)	-	-	ND (0.87)
2,4-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2,6-Dinitrotoluene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2-Chloronaphthalene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	ND (0.18)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2-Chlorophenol	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2-Methylnaphthalene	NA	NA	ND (0.21)	ND (0.21)	ND (0.24)	0.47	ND (0.21)	0.029 J	-	0.097 J	ND (0.21)	0.054 J	-	0.077 J	-	-	0.066 J	-	-	ND (0.22)
2-Methylphenol (o-Cresol)	0.33	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2-Nitroaniline	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
2-Nitrophenol	NA	NA	ND (0.38)	ND (0.38)	ND (0.44)	ND (0.4)	-	ND (0.38)	-	ND (0.39)	-	ND (0.38)	-	ND (0.38)	-	-	ND (0.39)	-	-	ND (0.39)
3&4-Methylphenol	NA	NA	ND (0.25)	ND (0.25)	ND (0.29)	0.032 J	-	ND (0.25)	-	ND (0.26)	-	ND (0.25)	-	ND (0.25)	-	-	ND (0.26)	-	-	ND (0.26)
3,3'-Dichlorobenzidine	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
3-Nitroaniline	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.46)	ND (0.45)	ND (0.52)	ND (0.48)	-	ND (0.46)	-	ND (0.47)	-	ND (0.46)	-	ND (0.46)	-	-	ND (0.47)	-	-	ND (0.47)
4-Bromophenyl phenyl ether	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4-Chloro-3-methylphenol	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4-Chloroaniline	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4-Nitroaniline	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
4-Nitrophenol	NA	NA	ND (0.24)	ND (0.24)	ND (0.28)	ND (0.26)	-	ND (0.25)	-	ND (0.25)	-	ND (0.24)	-	ND (0.25)	-	-	ND (0.25)	-	-	ND (0.25)
Acenaphthene	20	NA	ND (0.14)	ND (0.14)	ND (0.16)	1.4	ND (0.14)	0.072 J	-	0.4	ND (0.14)	0.077 J	-	0.02 J	-	-	0.058 J	-	-	ND (0.14)
Acenaphthylene	100	NA	ND (0.14)	ND (0.14)	ND (0.16)	0.078 J	ND (0.14)	ND (0.14)	-	0.055 J	ND (0.14)	0.06 J	-	ND (0.14)	-	-	0.053 J	-	-	ND (0.14)
Acetophenone	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Anthracene	100	NA	ND (0.1)	ND (0.1)	ND (0.12)	2.6	ND (0.1)	0.13	-	0.67	ND (0.1)	0.19	-	0.068 J	-	-	0.18	-	-	ND (0.11)
Benzo(a)anthracene	1	NA	ND (0.1)	ND (0.1)	ND (0.12)	3.3	0.06 J	0.22	-	1.2	ND (0.1)	0.47	-	0.25	-	-	0.47	-	-	ND (0.11)
Benzo(a)pyrene	1	NA	ND (0.14)	ND (0.14)	ND (0.16)	2.6	0.045 J	0.19	-	1.1	ND (0.14)	0.42	-	0.21	-	-	0.43	-	-	ND (0.14)
Benzo(b)fluoranthene	1	NA	ND (0.1)	ND (0.1)	ND (0.12)	3	0.052 J	0.21	-	1.4	ND (0.1)	0.55	-	0.29	-	-	0.57	-	-	ND (0.11)
Benzo(g,h,i)perylene	100	NA	ND (0.14)	ND (0.14)	ND (0.16)	1.2	0.04 J	0.11 J	-	0.65	ND (0.14)	0.28	-	0.16	-	-	0.25	-	-	ND (0.14)
Benzo(k)fluoranthene	0.8	NA	ND (0.1)	ND (0.1)	ND (0.12)	0.86	ND (0.1)	0.071 J	-	0.35	ND (0.1)	0.16	-	0.095 J	-	-	0.2	-	-	ND (0.11)
Benzoic acid	NA	NA	0.57 R	ND (0.56)	ND (0.65)	ND (0.59)	-	ND (0.57)	-	ND (0.58)	-	ND (0.57)	-	ND (0.57)	-	-	ND (0.58)	-	-	0.58 R
Benzyl Alcohol	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Biphenyl	NA	NA	ND (0.4)	ND (0.4)	ND (0.46)	0.13 J	-	ND (0.4)	-	0.031 J	-	ND (0.4)	-	0.023 J	-	-	ND (0.41)	-	-	ND (0.41)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.19)	ND (0.19)	ND (0.22)	ND (0.2)	-	ND (0.19)	-	ND (0.19)	-	ND (0.19)	-	ND (0.19)	-	-	ND (0.19)	-	-	ND (0.19)
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	-	ND (0.16)	-	-	ND (0.16)
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Butyl benzylphthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	0.052 J	-	ND (0.18)	-	0.12 J	-	ND (0.18)	-	ND (0.18)	-	-	0.054 J	-	-	ND (0.18)
Carbazole	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	0.65	-	0.046 J	-	0.29	-	0.077 J	-	0.038 J	-	-	0.1 J	-	-	ND (0.18)
Chrysene	1	NA	ND (0.1)	ND (0.1)	ND (0.12)	3	0.058 J	0.21	-	1.1	ND (0.1)	0.49	-	0.29	-	-	0.47	-	-	ND (0.11)
Dibenz(a,h)anthracene	0.33	NA	ND (0.1)	ND (0.1)	ND (0.12)	0.33	ND (0.1)	0.022 J	-	0.14	ND (0.1)	0.065 J	-	0.044 J	-	-	0.064 J	-	-	ND (0.11)

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-1 EP-1_8-8.5 05/19/2022 L2226707-01 8 - 8.5 (ft)	EP-2 EP-2_8-8.5 05/23/2022 L2227226-01 8 - 8.5 (ft)	EP-3 EP-3_8-8.5 05/23/2022 L2227226-02 8 - 8.5 (ft)	EP-4 EP-4_8-8.5 05/24/2022 L2227519-01 8 - 8.5 (ft)	EP-4 EP-4_10-10.5 06/16/2022 L2232177-01 10 - 10.5 (ft)	EP-5 EP-5_8-8.5 05/24/2022 L2227519-02 8 - 8.5 (ft)	EP-5 EP-5_10-10.5 06/16/2022 L2232177-02 10 - 10.5 (ft)	EP-6 EP-6_8-8.5 05/24/2022 L2227519-03 8 - 8.5 (ft)	EP-6 EP-6_10-10.5 06/16/2022 L2232177-03 10 - 10.5 (ft)	EP-7 EP-7_8-8.5 05/24/2022 L2227519-04 8 - 8.5 (ft)	EP-7 EP-7_10-10.5 06/16/2022 L2232177-04 10 - 10.5 (ft)	EP-8 EP-8_8-8.5 05/24/2022 L2227519-05 8 - 8.5 (ft)	EP-8 EP-8_10-10.5 06/16/2022 L2232177-05 10 - 10.5 (ft)	EP-8 EP-8_12-12.5 06/28/2022 L2234252-03 12 - 12.5 (ft)	EP-9 EP-9_8-8.5 05/24/2022 L2227519-06 8 - 8.5 (ft)	EP-9 EP-9_10-10.5 06/16/2022 L2232177-06 10 - 10.5 (ft)	EP-9 EP-9_12-12.5 06/28/2022 L2234252-04 12 - 12.5 (ft)	EP-10 EP-10_8-8.5 05/19/2022 L2226707-02 8 - 8.5 (ft)
Dibenzofuran	7	NA	ND (0.18)	ND (0.17)	ND (0.2)	0.95	-	0.049 J	-	0.22	-	0.071 J	-	0.028 J	-	-	0.052 J	-	-	ND (0.18)
Diethyl phthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Dimethyl phthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Di-n-butylphthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	0.057 J	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	0.037 J	-	-	ND (0.18)	-	-	ND (0.18)
Di-n-octyl phthalate	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Fluoranthene	100	NA	ND (0.1)	0.023 J	ND (0.12)	7	0.099 J	0.45	-	3	ND (0.1)	1.2	-	0.45	-	-	1	-	-	ND (0.11)
Fluorene	30	NA	ND (0.18)	ND (0.17)	ND (0.2)	1.1	ND (0.18)	0.064 J	-	0.3	ND (0.18)	0.079 J	-	ND (0.18)	-	-	0.057 J	-	-	ND (0.18)
Hexachlorobenzene	0.33	NA	ND (0.1)	ND (0.1)	ND (0.12)	ND (0.11)	-	ND (0.11)	-	ND (0.11)	-	ND (0.1)	-	ND (0.11)	-	-	ND (0.11)	-	-	ND (0.11)
Hexachlorobutadiene	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Hexachlorocyclopentadiene	NA	NA	ND (0.5)	ND (0.5)	ND (0.58)	ND (0.52)	-	ND (0.5)	-	ND (0.51)	-	ND (0.5)	-	ND (0.5)	-	-	ND (0.51)	-	-	ND (0.52)
Hexachloroethane	NA	NA	ND (0.14)	ND (0.14)	ND (0.16)	ND (0.15)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	-	ND (0.14)	-	-	ND (0.14)
Indeno(1,2,3-cd)pyrene	0.5	NA	ND (0.14)	ND (0.14)	ND (0.16)	1.5	0.043 J	0.12 J	-	0.75	ND (0.14)	0.31	-	0.17	-	-	0.3	-	-	ND (0.14)
Isophorone	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	-	ND (0.16)	-	-	ND (0.16)
Naphthalene	12	NA	ND (0.18)	ND (0.17)	ND (0.2)	0.81	ND (0.18)	0.064 J	-	0.19	ND (0.18)	0.087 J	-	0.16 J	-	-	0.1 J	-	-	ND (0.18)
Nitrobenzene	NA	NA	ND (0.16)	ND (0.16)	ND (0.18)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	-	ND (0.16)	-	-	ND (0.16)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.14)	ND (0.16)	ND (0.15)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	-	ND (0.14)	-	-	ND (0.14)
Pentachlorophenol	0.8	NA	ND (0.14)	ND (0.14)	ND (0.16)	ND (0.15)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	-	ND (0.14)	-	-	ND (0.14)
Phenanthrene	100	NA	ND (0.1)	0.028 J	ND (0.12)	9.6	0.086 J	0.5	-	3	ND (0.1)	0.99	-	0.32	-	-	0.66	-	-	ND (0.11)
Phenol	0.33	NA	ND (0.18)	ND (0.17)	ND (0.2)	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	ND (0.18)	-	-	ND (0.18)	-	-	ND (0.18)
Pyrene	100	NA	ND (0.1)	0.027 J	ND (0.12)	6	0.11	0.43	-	2.6	ND (0.1)	1	-	0.4	-	-	0.86	-	-	ND (0.11)
Inorganic Compounds (mg/kg)																				
Aluminum	NA	NA	6550	4510	7010	5240	-	5070	-	6680	-	5000	-	3290	-	-	2620	-	-	5100
Antimony	NA	NA	ND (3.96)	ND (4)	ND (4.82)	ND (4.17)	-	ND (4.2)	-	ND (4.15)	-	121	-	6.29	-	-	3.19 J	-	-	ND (4.24)
Arsenic	13	NA	1.77	0.977	1.32	2.18	-	1.24	-	2.47	-	3.03	-	3.06	-	-	2.78	-	-	1.47
Barium	350	NA	21.1	18.1	47.5	55.7	-	40.6	-	102	-	79.4	-	197	-	-	70.5	-	-	23.3
Beryllium	7.2	NA	0.269 J	0.168 J	0.27 J	0.292 J	-	0.268 J	-	0.365 J	-	0.264 J	-	0.206 J	-	-	0.156 J	-	-	0.272 J
Cadmium	2.5	NA	0.198 J	0.112 J	0.164 J	0.225 J	-	0.151 J	-	0.307 J	-	0.67 J	-	0.997	-	-	0.814 J	-	-	0.204 J
Calcium	NA	NA	460	556	650	8560	-	5020	-	14600	-	6720	-	3480	-	-	4730	-	-	403
Chromium	NA	NA	9.48	9.02	13.8	10.7	-	8	-	13.3	-	11.3	-	11	-	-	5.84	-	-	6.6
Cobalt	NA	NA	3.61	2.73	3.86	4.82	-	3.73	-	6.76	-	5.45	-	4.71	-	-	5.1	-	-	3.74
Copper	50	NA	8.61	5.65	5.5	23.8	-	15	-	40.4	-	400	18.4	755	1060	5.2	599	36	-	7.72
Iron	NA	NA	8960	6380	10400	8720	-	7390	-	14700	-	11000	-	9910	-	-	12000	-	-	8820
Lead	63	NA	4.12	8	4.37 J	98.2	42.1	55.4	-	198	5.12	1710	37	431	885	2.15 J	228	78	3.08	4.67
Magnesium	NA	NA	1820	1420	1590	5230	-	3910	-	8370	-	4410	-	2040	-	-	2170	-	-	2230
Manganese	1600	NA	174	141	193	255	-	355	-	336	-	285	-	197	-	-	158	-	-	277
Mercury	0.18	NA	ND (0.067)	ND (0.067)	ND (0.079)	0.325 J	ND (0.076)	0.237 J	ND (0.075)	0.433 J	ND (0.07)	0.573 J	0.079	1.76 J	1.61	ND (0.089)	0.362 J	0.278	ND (0.08)	ND (0.069)
Nickel	30	NA	8.29	5.68	7.5	8.36	-	7.04	-	11.4	-	10.9	-	13.9	-	-	10.4	-	-	7.85
Potassium	NA	NA	930	326	464	770	-	563	-	1280	-	588	-	343	-	-	358	-	-	504
Selenium	3.9	NA	ND (1.58)	ND (1.6)	0.279 J	ND (1.67)	-	ND (1.68)	-	ND (1.66)	-	ND (1.65)	-	ND (1.65)	-	-	ND (1.73)	-	-	ND (1.7)
Silver	2	NA	ND (0.791)	ND (0.8)	ND (0.963)	ND (0.834)	-	ND (0.839)	-	ND (0.83)	-	0.339 J	-	0.61 J	-	-	ND (0.866)	-	-	ND (0.849)
Sodium	NA	NA	ND (158)	65.2 J	260	201	-	256	-	226	-	134 J	-	66.3 J	-	-	79.8 J	-	-	ND (170)
Thallium	NA	NA	ND (1.58)	ND (1.6)	ND (1.93)	ND (1.67)	-	ND (1.68)	-	ND (1.66)	-	ND (1.65)	-	ND (1.65)	-	-	ND (1.73)	-	-	ND (1.7)
Vanadium	NA	NA	12.1	8.86	15	14.7	-	11.2	-	20.1	-	16.6	-	11.8	-	-	10.5	-	-	9.48
Zinc	109	NA	17.9	14.3	18.9	91.7	-	67.8	-	150	14	351	46.4	269	361	11.5	223	64.4	-	19
PCBs (mg/kg)																				
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	0.022 J	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1254 (PCB-1254)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	ND (0.0351)	-	ND (0.0344)	-	ND (0.0337)	-	-	ND (0.0358)	-	-	ND (0.0347)
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	0.00519 J	-	0.00751 J	-	0.0143 J+	-	-	0.0112 J	-	-	ND (0.0347)
Total PCBs	0.1	NA	ND (0.0337)	ND (0.0338)	ND (0.0391)	ND (0.0368)	-	ND (0.0355)	-	0.02719 J	-	0.00751 J	-	0.0143 J+	-	-	0.0112 J	-	-	ND (0.0347)
Other																				
Total Solids (%)	NA		94.9	94.7	81.1	90.1	93.8	92.5	94.2	92.4	92.1	93.9	89	93.8	91.2	81.6	91.3	87.7	85	91.7

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-1 EP-1_8-8.5 05/19/2022 L2226707-01 8 - 8.5 (ft)	EP-2 EP-2_8-8.5 05/23/2022 L2227226-01 8 - 8.5 (ft)	EP-3 EP-3_8-8.5 05/23/2022 L2227226-02 8 - 8.5 (ft)	EP-4 EP-4_8-8.5 05/24/2022 L2227519-01 8 - 8.5 (ft)	EP-4 EP-4_10-10.5 06/16/2022 L2232177-01 10 - 10.5 (ft)	EP-5 EP-5_8-8.5 05/24/2022 L2227519-02 8 - 8.5 (ft)	EP-5 EP-5_10-10.5 06/16/2022 L2232177-02 10 - 10.5 (ft)	EP-6 EP-6_8-8.5 05/24/2022 L2227519-03 8 - 8.5 (ft)	EP-6 EP-6_10-10.5 06/16/2022 L2232177-03 10 - 10.5 (ft)	EP-7 EP-7_8-8.5 05/24/2022 L2227519-04 8 - 8.5 (ft)	EP-7 EP-7_10-10.5 06/16/2022 L2232177-04 10 - 10.5 (ft)	EP-8 EP-8_8-8.5 05/24/2022 L2227519-05 8 - 8.5 (ft)	EP-8 EP-8_10-10.5 06/16/2022 L2232177-05 10 - 10.5 (ft)	EP-8 EP-8_12-12.5 06/28/2022 L2234252-03 12 - 12.5 (ft)	EP-9 EP-9_8-8.5 05/24/2022 L2227519-06 8 - 8.5 (ft)	EP-9 EP-9_10-10.5 06/16/2022 L2232177-06 10 - 10.5 (ft)	EP-9 EP-9_12-12.5 06/28/2022 L2234252-04 12 - 12.5 (ft)	EP-10 EP-10_8-8.5 05/19/2022 L2226707-02 8 - 8.5 (ft)
Pesticides (mg/kg)																					
4,4'-DDD	0.0033	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	0.0039	0.00181	-	0.00111 J	ND (0.00177)	-	ND (0.00172)
4,4'-DDE	0.0033	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	0.00135 J	-	ND (0.00161)	-	0.00142 J	-	-	0.000584 J	-	-	ND (0.00172)
4,4'-DDT	0.0033	NA	ND (0.00303)	ND (0.003)	ND (0.00359)	ND (0.0164)	-	ND (0.00315)	-	0.00183 J	-	ND (0.00302)	-	0.00365 J	0.00254 J	-	0.00683 J	0.00167 J	-	ND (0.00323)
Aldrin	0.005	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
alpha-BHC	0.02	NA	ND (0.000673)	ND (0.000666)	ND (0.000799)	ND (0.00365)	-	ND (0.000701)	-	ND (0.000696)	-	ND (0.000671)	-	ND (0.000705)	-	-	ND (0.000702)	-	-	ND (0.000717)
alpha-Chlordane	0.094	NA	ND (0.00202)	ND (0.002)	ND (0.0024)	ND (0.011)	-	ND (0.0021)	-	0.00131 J	-	ND (0.00201)	-	0.000742 J	-	-	ND (0.00211)	-	-	ND (0.00215)
beta-BHC	0.036	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
Chlordane	NA	NA	ND (0.0135)	ND (0.0133)	ND (0.016)	ND (0.073)	-	ND (0.014)	-	ND (0.0139)	-	ND (0.0134)	-	ND (0.0141)	-	-	ND (0.014)	-	-	ND (0.0143)
delta-BHC	0.04	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
Dieldrin	0.005	NA	ND (0.00101)	ND (0.000999)	ND (0.0012)	ND (0.00548)	-	ND (0.00105)	-	ND (0.00104)	-	ND (0.00101)	-	ND (0.00106)	-	-	ND (0.00105)	-	-	ND (0.00108)
Endosulfan I	2.4	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
Endosulfan II	2.4	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
Endosulfan sulfate	2.4	NA	ND (0.000673)	ND (0.000666)	ND (0.000799)	ND (0.00365)	-	ND (0.000701)	-	ND (0.000696)	-	ND (0.000671)	-	ND (0.000705)	-	-	ND (0.000702)	-	-	ND (0.000717)
Endrin	0.014	NA	ND (0.000673)	ND (0.000666)	ND (0.000799)	ND (0.00365)	-	ND (0.000701)	-	ND (0.000696)	-	ND (0.000671)	-	ND (0.000705)	-	-	ND (0.000702)	-	-	ND (0.000717)
Endrin aldehyde	NA	NA	ND (0.00202)	ND (0.002)	ND (0.0024)	ND (0.011)	-	ND (0.0021)	-	ND (0.00209)	-	ND (0.00201)	-	ND (0.00211)	-	-	ND (0.00211)	-	-	ND (0.00215)
Endrin ketone	NA	NA	ND (0.00162)	ND (0.0016)	ND (0.00192)	ND (0.00876)	-	ND (0.00168)	-	ND (0.00167)	-	ND (0.00161)	-	ND (0.00169)	-	-	ND (0.00169)	-	-	ND (0.00172)
gamma-BHC (Lindane)	0.1	NA	ND (0.000673)	ND (0.000666)	ND (0.000799)	ND (0.00365)	-	ND (0.000701)	-	ND (0.000696)	-	ND (0.000671)	-	ND (0.000705)	-	-	ND (0.000702)	-	-	ND (0.000717)
gamma-Chlordane	NA	NA	ND (0.00202)	ND (0.002)	ND (0.0024)	ND (0.011)	-	ND (0.0021)	-	0.00115 J	-	ND (0.00201)	-	0.00109 J	-	-	0.000816 J	-	-	ND (0.00215)
Heptachlor	0.042	NA	ND (0.000808)	ND (0.000799)	ND (0.000958)	ND (0.00438)	-	ND (0.000841)	-	ND (0.000835)	-	ND (0.000805)	-	ND (0.000846)	-	-	ND (0.000843)	-	-	ND (0.000861)
Heptachlor epoxide	NA	NA	ND (0.00303)	ND (0.003)	ND (0.00359)	ND (0.0164)	-	ND (0.00315)	-	ND (0.00313)	-	ND (0.00302)	-	ND (0.00317)	-	-	ND (0.00316)	-	-	ND (0.00323)
Methoxychlor	NA	NA	ND (0.00303)	ND (0.003)	ND (0.00359)	ND (0.0164)	-	ND (0.00315)	-	ND (0.00313)	-	ND (0.00302)	-	ND (0.00317)	-	-	ND (0.00316)	-	-	ND (0.00323)
Toxaphene	NA	NA	ND (0.0303)	ND (0.03)	ND (0.0359)	ND (0.164)	-	ND (0.0315)	-	ND (0.0313)	-	ND (0.0302)	-	ND (0.0317)	-	-	ND (0.0316)	-	-	ND (0.0323)
PFAS (mg/kg)																					
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	ND (0.000482)	ND (0.000498) J	ND (0.000582)	0.000103 J	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518) J
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA	NA	NA	ND (0.000482)	ND (0.000498) J	ND (0.000582) J	ND (0.000516)	-	ND (0.000502) J	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489) J	-	-	ND (0.000504)	-	-	ND (0.000518) J
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	ND (0.000251)	-	ND (0.000248)	-	ND (0.000245)	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorobutanoic acid (PFBA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	0.000029 J	-	0.000046 J	-	ND (0.000496)	-	0.000044 J	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	ND (0.000251)	-	ND (0.000248)	-	ND (0.000245)	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	0.000047 J	-	ND (0.000248)	-	0.000071 J	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	ND (0.000251)	-	ND (0.000248)	-	ND (0.000245)	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorohexanoic acid (PFHxA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	0.000121 J	-	0.00029 J	-	0.000087 J	-	0.0002 J	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	ND (0.000251)	-	ND (0.000248)	-	ND (0.000245)	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorooctanesulfonic acid (PFOS)	NA	0.00088*	ND (0.000241)	ND (0.000249)	ND (0.000291)	ND (0.000258)	-	ND (0.000251)	-	ND (0.000248)	-	0.000294	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluorooctanoic acid (PFOA)	NA	0.00066*	ND (0.000241)	ND (0.000249)	ND (0.000291)	0.00008 J	-	0.000058 J	-	0.000047 J	-	0.000082 J	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)
Perfluoropentanoic acid (PFPeA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	0.000121 J	-	0.000131 J	-	0.000087 J	-	0.000248 J	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.000482)	ND (0.000498)	ND (0.000582)	ND (0.000516)	-	ND (0.000502)	-	ND (0.000496)	-	ND (0.000491)	-	ND (0.000489)	-	-	ND (0.000504)	-	-	ND (0.000518)
US EPA PFAS (PFOS + PFOA)	NA	NA	ND (0.000241)	ND (0.000249)	ND (0.000291)	0.00008 J	-	0.000058 J	-	0.000047 J	-	0.000376 J	-	ND (0.000244)	-	-	ND (0.000252)	-	-	ND (0.000259)

Notes:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J-: Value is estimated, low bias
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives
*- * Indicates shaded values are an exceedance of the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).*

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-11 EP-11_8-8.5 05/19/2022 L2226707-03 8 - 8.5 (ft)	EP-12 EP-12_10-10.5 05/25/2022 L2227729-02 10 - 10.5 (ft)	EP-13 EP-13_8-8.5 05/23/2022 L2227226-04 8 - 8.5 (ft)	EP-14 EP-14_8-8.5 05/24/2022 L2227519-07 8 - 8.5 (ft)	EP-14 EP-14_10-10.5 06/16/2022 L2232177-07 10 - 10.5 (ft)	EP-15 EP-15_8-8.5 05/24/2022 L2227519-08 8 - 8.5 (ft)	EP-15 EP-15_10-10.5 06/16/2022 L2232177-08 10 - 10.5 (ft)	EP-16 EP-16_8-8.5 05/24/2022 L2227519-09 8 - 8.5 (ft)	EP-16 EP-16_10-10.5 06/16/2022 L2232177-09 10 - 10.5 (ft)	EP-17 EP-17_10-10.5 05/25/2022 L2227729-03 10 - 10.5 (ft)	EP-18 EP-18_8-8.5 05/25/2022 L2227729-04 8 - 8.5 (ft)	EP-19 EP-19_8-8.5 05/25/2022 L2227729-05 8 - 8.5 (ft)	EP-20 EP-20_8-8.5 05/23/2022 L2227226-05 8 - 8.5 (ft)	EP-20 EP-20_10-10.5 06/16/2022 L2232177-10 10 - 10.5 (ft)	EP-21 EP-21_8-8.5 05/23/2022 L2227226-06 8 - 8.5 (ft)	EP-22 EP-22_8-8.5 05/24/2022 L2227519-11 8 - 8.5 (ft)	EP-22 EP-22_10-10.5 06/16/2022 L2232177-11 10 - 10.5 (ft)
Volatile Organic Compounds (mg/kg)																				
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
1,1,1-Trichloroethane	0.68	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
1,1,2-Trichloroethane	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,1-Dichloroethane	0.27	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,1-Dichloroethene	0.33	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,1-Dichloropropene	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
1,2,3-Trichlorobenzene	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2,3-Trichloropropane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2,4,5-Tetramethylbenzene	NA	NA	0.0015 J	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2,4-Trimethylbenzene	3.6	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0033)	ND (0.0041)	ND (0.0031)	ND (0.003)	-	ND (0.0029)	-	ND (0.0031)	-	ND (0.0033)	ND (0.0034)	ND (0.003)	ND (0.0028)	-	ND (0.0034)	ND (0.0027)	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,2-Dichlorobenzene	1.1	NA	0.00022 J	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,2-Dichloroethane	0.02	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,2-Dichloroethene (total)	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,2-Dichloropropane	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
1,3,5-Trimethylbenzene	8.4	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,3-Dichlorobenzene	2.4	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,3-Dichloropropane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,3-Dichloropropene	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
1,4-Dichlorobenzene	1.8	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,4-Diethylbenzene	NA	NA	0.00072 J	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
1,4-Dioxane	0.1	NA	ND (0.088)	ND (0.11)	ND (0.082)	ND (0.081)	-	ND (0.078)	-	ND (0.083)	-	ND (0.088)	ND (0.091)	ND (0.079)	ND (0.076)	-	ND (0.091)	ND (0.072)	-
2,2-Dichloropropane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
2-Butanone (Methyl Ethyl Ketone)	0.12	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01) J	-	ND (0.0098) J	-	ND (0.01) J	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091) J	-
2-Chlorotoluene	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01) J	-	ND (0.0098) J	-	ND (0.01) J	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091) J	-
2-Phenylbutane (sec-Butylbenzene)	11	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
4-Chlorotoluene	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01)	-	ND (0.0098)	-	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091)	-
Acetone	0.05	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01)	-	ND (0.0098)	-	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091)	-
Acrylonitrile	NA	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
Benzene	0.06	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
Bromobenzene	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Bromodichloromethane	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
Bromoform	NA	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Carbon disulfide	NA	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01)	-	ND (0.0098)	-	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091)	-
Carbon tetrachloride	0.76	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Chlorobenzene	1.1	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
Chlorobromomethane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Chloroethane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Chloroform (Trichloromethane)	0.37	NA	ND (0.0017)	ND (0.002)	ND (0.0015)	ND (0.0015)	-	ND (0.0015)	-	ND (0.0016)	-	ND (0.0016)	ND (0.0017)	ND (0.0015)	ND (0.0014)	-	ND (0.0017)	ND (0.0014)	-
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
cis-1,2-Dichloroethene	0.25	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
cis-1,3-Dichloropropene	NA	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Dibromochloromethane	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Dibromomethane	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01)	-	ND (0.0098)	-	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091)	-
Ethyl Ether	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Ethylbenzene	1	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Hexachlorobutadiene	NA	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
Isopropylbenzene (Cumene)	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
m,p-Xylenes	NA	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Methyl Tert Butyl Ether (MTBE)	0.93	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Methylene chloride (Dichloromethane)	0.05	NA	ND (0.0055)	ND (0.0068)	ND (0.0051)	ND (0.005)	-	ND (0.0049)	-	ND (0.0052)	-	ND (0.0055)	ND (0.0057)	ND (0.005)	ND (0.0047)	-	ND (0.0057)	ND (0.0045)	-
Naphthalene	12	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
n-Butylbenzene	12	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
n-Propylbenzene	3.9	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-11 EP-11_8-8.5 05/19/2022 L2226707-03 8 - 8.5 (ft)	EP-12 EP-12_10-10.5 05/25/2022 L2227729-02 10 - 10.5 (ft)	EP-13 EP-13_8-8.5 05/23/2022 L2227226-04 8 - 8.5 (ft)	EP-14 EP-14_8-8.5 05/24/2022 L2227519-07 8 - 8.5 (ft)	EP-14 EP-14_10-10.5 06/16/2022 L2232177-07 10 - 10.5 (ft)	EP-15 EP-15_8-8.5 05/24/2022 L2227519-08 8 - 8.5 (ft)	EP-15 EP-15_10-10.5 06/16/2022 L2232177-08 10 - 10.5 (ft)	EP-16 EP-16_8-8.5 05/24/2022 L2227519-09 8 - 8.5 (ft)	EP-16 EP-16_10-10.5 06/16/2022 L2232177-09 10 - 10.5 (ft)	EP-17 EP-17_10-10.5 05/25/2022 L2227729-03 10 - 10.5 (ft)	EP-18 EP-18_8-8.5 05/25/2022 L2227729-04 8 - 8.5 (ft)	EP-19 EP-19_8-8.5 05/25/2022 L2227729-05 8 - 8.5 (ft)	EP-20 EP-20_8-8.5 05/23/2022 L2227226-05 8 - 8.5 (ft)	EP-20 EP-20_10-10.5 06/16/2022 L2232177-10 10 - 10.5 (ft)	EP-21 EP-21_8-8.5 05/23/2022 L2227226-06 8 - 8.5 (ft)	EP-22 EP-22_8-8.5 05/24/2022 L2227519-11 8 - 8.5 (ft)	EP-22 EP-22_10-10.5 06/16/2022 L2232177-11 10 - 10.5 (ft)
o-Xylene	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Styrene	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
tert-Butylbenzene	5.9	NA	ND (0.0022)	ND (0.0027)	ND (0.002)	ND (0.002)	-	ND (0.002)	-	ND (0.0021)	-	ND (0.0022)	ND (0.0023)	ND (0.002)	ND (0.0019)	-	ND (0.0023)	ND (0.0018)	-
Tetrachloroethene	1.3	NA	ND (0.00055)	ND (0.00068)	0.00044 J	0.0016	-	0.00072	-	0.0011	-	ND (0.00055)	0.00023 J	0.00071	ND (0.00047)	-	0.00044 J	0.0031	-
Toluene	0.7	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
trans-1,2-Dichloroethene	0.19	NA	ND (0.0017)	ND (0.002)	ND (0.0015)	ND (0.0015)	-	ND (0.0015)	-	ND (0.0016)	-	ND (0.0016)	ND (0.0017)	ND (0.0015)	ND (0.0014)	-	ND (0.0017)	ND (0.0014)	-
trans-1,3-Dichloropropene	NA	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0055)	ND (0.0068)	ND (0.0051)	ND (0.005)	-	ND (0.0049)	-	ND (0.0052)	-	ND (0.0055)	ND (0.0057)	ND (0.005)	ND (0.0047)	-	ND (0.0057)	ND (0.0045)	-
Trichloroethene	0.47	NA	ND (0.00055)	ND (0.00068)	ND (0.00051)	ND (0.0005)	-	ND (0.00049)	-	ND (0.00052)	-	ND (0.00055)	ND (0.00057)	ND (0.0005)	ND (0.00047)	-	ND (0.00057)	ND (0.00045)	-
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0044)	ND (0.0055)	ND (0.0041)	ND (0.004)	-	ND (0.0039)	-	ND (0.0041)	-	ND (0.0044)	ND (0.0045)	ND (0.004)	ND (0.0038)	-	ND (0.0046)	ND (0.0036)	-
Vinyl acetate	NA	NA	ND (0.011)	ND (0.014)	ND (0.01)	ND (0.01)	-	ND (0.0098)	-	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.0099)	ND (0.0095)	-	ND (0.011)	ND (0.0091)	-
Vinyl chloride	0.02	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Xylene (total)	0.26	NA	ND (0.0011)	ND (0.0014)	ND (0.001)	ND (0.001)	-	ND (0.00098)	-	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.00099)	ND (0.00095)	-	ND (0.0011)	ND (0.00091)	-
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
1,2-Dichlorobenzene	1.1	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
1,3-Dichlorobenzene	2.4	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
1,4-Dichlorobenzene	1.8	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
1,4-Dioxane	0.1	NA	ND (0.026)	ND (0.026)	ND (0.027)	ND (0.027)	-	ND (0.026)	-	ND (0.026)	-	ND (0.026)	ND (0.026)	ND (0.025)	ND (0.026)	-	ND (0.026)	ND (0.026)	-
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.22)	-	ND (0.21)	-	ND (0.21)	-	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	-	ND (0.21)	ND (0.21)	-
2,4,5-Trichlorophenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2,4,6-Trichlorophenol	NA	NA	ND (0.1)	ND (0.1)	ND (0.11)	ND (0.11)	-	ND (0.11)	-	ND (0.1)	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.11)	ND (0.1)	-
2,4-Dichlorophenol	NA	NA	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.15)	-	ND (0.16)	ND (0.16)	-
2,4-Dimethylphenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2,4-Dinitrophenol	NA	NA	ND (0.83)	ND (0.83)	ND (0.86)	ND (0.86)	-	ND (0.85)	-	ND (0.83)	-	ND (0.82)	ND (0.85)	ND (0.81)	ND (0.83)	-	ND (0.85)	ND (0.84)	-
2,4-Dinitrotoluene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2,6-Dinitrotoluene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2-Chloronaphthalene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2-Chlorophenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2-Methylnaphthalene	NA	NA	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.22)	-	0.31	ND (0.21)	0.05 J	-	ND (0.2)	ND (0.21)	ND (0.2)	ND (0.21)	-	ND (0.21)	ND (0.21)	-
2-Methylphenol (o-Cresol)	0.33	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
2-Nitrophenol	NA	NA	ND (0.38)	ND (0.37)	ND (0.39)	ND (0.39)	-	ND (0.38)	-	ND (0.37)	-	ND (0.37)	ND (0.38)	ND (0.37)	ND (0.37)	-	ND (0.38)	ND (0.38)	-
3&4-Methylphenol	NA	NA	ND (0.25)	ND (0.25)	ND (0.26)	ND (0.26)	-	ND (0.26)	-	ND (0.25)	-	ND (0.24)	ND (0.25)	ND (0.24)	ND (0.25)	-	ND (0.26)	ND (0.25)	-
3,3'-Dichlorobenzidine	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
3-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.45)	ND (0.45)	ND (0.46)	ND (0.47)	-	ND (0.46)	-	ND (0.45)	-	ND (0.44)	ND (0.46)	ND (0.44)	ND (0.45)	-	ND (0.46)	ND (0.46)	-
4-Bromophenyl phenyl ether	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4-Chloro-3-methylphenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4-Chloroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4-Chlorophenyl phenyl ether	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
4-Nitrophenol	NA	NA	ND (0.24)	ND (0.24)	ND (0.25)	ND (0.25)	-	ND (0.25)	-	ND (0.24)	-	ND (0.24)	ND (0.25)	ND (0.24)	ND (0.24)	-	ND (0.25)	ND (0.24)	-
Acenaphthene	20	NA	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	0.62	ND (0.14)	0.07 J	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	0.038 J	-
Acenaphthylene	100	NA	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	0.083 J	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	0.065 J	-
Acetophenone	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Anthracene	100	NA	ND (0.1)	ND (0.1)	ND (0.11)	ND (0.11)	-	1.3	ND (0.11)	0.13	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.041 J	0.13	-
Benzo(a)anthracene	1	NA	ND (0.1)	ND (0.1)	0.042 J	0.053 J	-	1.8	0.066 J	0.27	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.14	0.36	-
Benzo(a)pyrene	1	NA	ND (0.14)	ND (0.14)	ND (0.14)	0.051 J	-	1.6	0.05 J	0.26	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	0.12 J	0.43	-
Benzo(b)fluoranthene	1	NA	ND (0.1)	ND (0.1)	0.038 J	0.058 J	-	1.9	0.058 J	0.31	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.14	0.49	-
Benzo(g,h,i)perylene	100	NA	ND (0.14)	ND (0.14)	0.025 J	0.034 J	-	0.82	0.038 J	0.15	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	0.078 J	0.26	-
Benzo(k)fluoranthene	0.8	NA	ND (0.1)	ND (0.1)	ND (0.11)	ND (0.11)	-	0.51	ND (0.11)	0.089 J	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.05 J	0.13	-
Benzoic acid	NA	NA	0.56 R	ND (0.56)	ND (0.58)	ND (0.58)	-	ND (0.57)	-	ND (0.56)	-	ND (0.55)	ND (0.57)	ND (0.55)	ND (0.56)	-	ND (0.57)	ND (0.57)	-
Benzyl Alcohol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Biphenyl	NA	NA	ND (0.4)	ND (0.39)	ND (0.41)	ND (0.41)	-	0.059 J	-	ND (0.39)	-	ND (0.39)	ND (0.4)	ND (0.39)	ND (0.39)	-	ND (0.4)	ND (0.4)	-
bis(2-Chloroethoxy)methane	NA	NA	ND (0.19)	ND (0.19)	ND (0.19)	ND (0.19)	-	ND (0.19)	-	ND (0.19)	-	ND (0.18)	ND (0.19)	ND (0.18)	ND (0.18)	-	ND (0.19)	ND (0.19)	-
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.15)	-	ND (0.16)	ND (0.16)	-
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Butyl benzylphthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	0.51	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Carbazole	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	0.55	-	0.05 J	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	0.058 J	-
Chrysene	1	NA	ND (0.1)	ND (0.1)	0.044 J	0.052 J	-	1.8	0.062 J	0.26	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.14	0.37	-
Dibenz(a,h)anthracene	0.33	NA	ND (0.1)	ND (0.1)	ND (0.11)	ND (0.11)	-	0.23	ND (0.11)	0.033 J	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.11)	0.05 J	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-11 EP-11_8-8.5 05/19/2022 L2226707-03 8 - 8.5 (ft)	EP-12 EP-12_10-10.5 05/25/2022 L2227729-02 10 - 10.5 (ft)	EP-13 EP-13_8-8.5 05/23/2022 L2227226-04 8 - 8.5 (ft)	EP-14 EP-14_8-8.5 05/24/2022 L2227519-07 8 - 8.5 (ft)	EP-14 EP-14_10-10.5 06/16/2022 L2232177-07 10 - 10.5 (ft)	EP-15 EP-15_8-8.5 05/24/2022 L2227519-08 8 - 8.5 (ft)	EP-15 EP-15_10-10.5 06/16/2022 L2232177-08 10 - 10.5 (ft)	EP-16 EP-16_8-8.5 05/24/2022 L2227519-09 8 - 8.5 (ft)	EP-16 EP-16_10-10.5 06/16/2022 L2232177-09 10 - 10.5 (ft)	EP-17 EP-17_10-10.5 05/25/2022 L2227729-03 10 - 10.5 (ft)	EP-18 EP-18_8-8.5 05/25/2022 L2227729-04 8 - 8.5 (ft)	EP-19 EP-19_8-8.5 05/25/2022 L2227729-05 8 - 8.5 (ft)	EP-20 EP-20_8-8.5 05/23/2022 L2227226-05 8 - 8.5 (ft)	EP-20 EP-20_10-10.5 06/16/2022 L2232177-10 10 - 10.5 (ft)	EP-21 EP-21_8-8.5 05/23/2022 L2227226-06 8 - 8.5 (ft)	EP-22 EP-22_8-8.5 05/24/2022 L2227519-11 8 - 8.5 (ft)	EP-22 EP-22_10-10.5 06/16/2022 L2232177-11 10 - 10.5 (ft)
Dibenzofuran	7	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	0.37	-	0.048 J	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	0.037 J	-
Diethyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Dimethyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Di-n-butylphthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Di-n-octyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Fluoranthene	100	NA	ND (0.1)	ND (0.1)	0.083 J	0.096 J	-	3.8	0.12	0.55	-	0.024 J	ND (0.1)	ND (0.1)	ND (0.1)	-	0.28	0.63	-
Fluorene	30	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	0.68	ND (0.18)	0.065 J	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	0.018 J	0.047 J	-
Hexachlorobenzene	0.33	NA	ND (0.1)	ND (0.1)	ND (0.11)	ND (0.11)	-	ND (0.11)	-	ND (0.1)	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.11)	ND (0.1)	-
Hexachlorobutadiene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Hexachlorocyclopentadiene	NA	NA	ND (0.5)	ND (0.49)	ND (0.51)	ND (0.52)	-	ND (0.51)	-	ND (0.49)	-	ND (0.49)	ND (0.5)	ND (0.48)	ND (0.49)	-	ND (0.51)	ND (0.5)	-
Hexachloroethane	NA	NA	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	-
Indeno(1,2,3-cd)pyrene	0.5	NA	ND (0.14)	ND (0.14)	0.026 J	0.036 J	-	1	0.041 J	0.17	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	0.086 J	0.28	-
Isophorone	NA	NA	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.15)	-	ND (0.16)	ND (0.16)	-
Naphthalene	12	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	0.55	ND (0.18)	0.1 J	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	0.069 J	-
Nitrobenzene	NA	NA	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)	-	ND (0.16)	-	ND (0.16)	-	ND (0.15)	ND (0.16)	ND (0.15)	ND (0.15)	-	ND (0.16)	ND (0.16)	-
N-Nitrosodi-n-propylamine	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	-
Pentachlorophenol	0.8	NA	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	-
Phenanthrene	100	NA	ND (0.1)	ND (0.1)	0.068 J	0.082 J	-	3.9	0.096 J	0.52	-	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	-	0.19	0.42	-
Phenol	0.33	NA	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.18)	-	ND (0.18)	-	ND (0.17)	-	ND (0.17)	ND (0.18)	ND (0.17)	ND (0.17)	-	ND (0.18)	ND (0.18)	-
Pyrene	100	NA	ND (0.1)	0.018 J	0.084 J	0.092 J	-	3.2	0.11	0.5	-	0.022 J	ND (0.1)	ND (0.1)	ND (0.1)	-	0.28	0.61	-
Inorganic Compounds (mg/kg)																			
Aluminum	NA	NA	5110	5140 J+	4660	5470	-	4870	-	4530	-	4270 J+	5530 J+	4680 J+	4010	-	5110	3700	-
Antimony	NA	NA	ND (3.99)	ND (4.16) J	ND (4.16)	ND (4.12)	-	ND (4.13)	-	0.766 J	-	ND (4.11) J	ND (4.1) J	ND (4.12) J	ND (3.97)	-	ND (4.27)	ND (4.1)	-
Arsenic	13	NA	1.67	1.42	1.24	1.91	-	2.1	-	1.59	-	1.16	1.35	1.32	1.33	-	2.12	2.57	-
Barium	350	NA	19.3	18.8	25.8	93.1	-	63.1	-	56.6	-	20.6	19.2	24	19.5	-	33	51	-
Beryllium	7.2	NA	0.255 J	0.258 J	0.216 J	0.297 J	-	0.297 J	-	0.244 J	-	0.181 J	0.279 J	0.239 J	0.198 J	-	0.264 J	0.205 J	-
Cadmium	2.5	NA	0.247 J	0.166 J	0.15 J	0.148 J	-	0.281 J	-	0.261 J	-	0.14 J	0.164 J	0.14 J	0.135 J	-	0.29 J	0.435 J	-
Calcium	NA	NA	445	306	930	2460	-	14200	-	5240	-	570	429	312	628	-	2840	1490	-
Chromium	NA	NA	6.8	6.52	8.67	8.9	-	9.7	-	9.8	-	9.42	7.75	6.35	6.92	-	7.69	7.02	-
Cobalt	NA	NA	4.14	3.83	2.89	4.67	-	5.59	-	4.24	-	3.64	4.38	3.44	2.76	-	3.99	3.48	-
Copper	50	NA	7.22	8.01	7.25	27	-	49.3	-	48.4	-	14.9	8.19	6.92	7.48	-	12.7	26.2	-
Iron	NA	NA	9920	9330 J-	7650	8650	-	9960	-	7930	-	7570 J-	10600 J-	8270 J-	6860	-	9610	7160	-
Lead	63	NA	4.16	4.27	38.2	157	3.57	147	34.9	168	2.3	18.2	5.07	6.91	23.1	-	37.2	243	8.18
Magnesium	NA	NA	2480	2060	1500	1580	-	7000	-	2620	-	1780	2280	1930	1550	-	2100	2140	-
Manganese	1600	NA	282	266 J-	206	514	-	258	-	228	-	210 J-	284 J-	254 J-	171	-	271	215	-
Mercury	0.18	NA	ND (0.068)	ND (0.067)	0.095	0.26 J	0.145	0.436 J	ND (0.078)	0.336 J	ND (0.074)	ND (0.067)	ND (0.067)	ND (0.066)	0.22	ND (0.095)	0.136	0.375 J	ND (0.066)
Nickel	30	NA	8.83	8.21	6.42	7.64	-	9.31	-	8.02	-	7.19	8.51	7.07	5.79	-	8.03	7.39	-
Potassium	NA	NA	499	409	265	321	-	813	-	460	-	326	507	498	419	-	509	320	-
Selenium	3.9	NA	ND (1.6)	ND (1.66)	0.283 J	ND (1.65)	-	ND (1.65)	-	ND (1.63)	-	ND (1.64)	ND (1.64)	ND (1.65)	ND (1.59)	-	0.222 J	ND (1.64)	-
Silver	2	NA	ND (0.798)	ND (0.832)	ND (0.831)	ND (0.825)	-	ND (0.826)	-	ND (0.815)	-	ND (0.822)	ND (0.821)	ND (0.823)	ND (0.794)	-	ND (0.853)	ND (0.821)	-
Sodium	NA	NA	ND (160)	ND (166)	126 J	86 J	-	104 J	-	61.8 J	-	ND (164)	ND (164)	ND (165)	93.1 J	-	79.8 J	41.8 J	-
Thallium	NA	NA	ND (1.6)	ND (1.66)	ND (1.66)	ND (1.65)	-	ND (1.65)	-	ND (1.63)	-	ND (1.64)	ND (1.64)	ND (1.65)	ND (1.59)	-	ND (1.71)	ND (1.64)	-
Vanadium	NA	NA	9.71	9.02	9.93	12.2	-	15.4	-	11.5	-	11.3	10.7	8.49	9.14	-	10.9	9.73	-
Zinc	109	NA	23	18.4	33.8	131	15.3	121	31.8	128	11.1	24.4	20.8	18.2	16.6	-	56.4	176	25.2
PCBs (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1254 (PCB-1254)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Total PCBs	0.1	NA	ND (0.035)	ND (0.0342)	ND (0.0356)	ND (0.0349)	-	ND (0.0346)	-	ND (0.0341)	-	ND (0.0341)	ND (0.0338)	ND (0.0338)	ND (0.0335)	-	ND (0.0339)	ND (0.0342)	-
Other																			
Total Solids (%)	NA		94.1	94.4	91	91	94.7	91.3	93	94.5	94.6	95.4	93.6	95.4	95.4	74.9	92.5	93.8	95

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-11 EP-11_8-8.5 05/19/2022 L2226707-03 8 - 8.5 (ft)	EP-12 EP-12_10-10.5 05/25/2022 L2227729-02 10 - 10.5 (ft)	EP-13 EP-13_8-8.5 05/23/2022 L2227226-04 8 - 8.5 (ft)	EP-14 EP-14_8-8.5 05/24/2022 L2227519-07 8 - 8.5 (ft)	EP-14 EP-14_10-10.5 06/16/2022 L2232177-07 10 - 10.5 (ft)	EP-15 EP-15_8-8.5 05/24/2022 L2227519-08 8 - 8.5 (ft)	EP-15 EP-15_10-10.5 06/16/2022 L2232177-08 10 - 10.5 (ft)	EP-16 EP-16_8-8.5 05/24/2022 L2227519-09 8 - 8.5 (ft)	EP-16 EP-16_10-10.5 06/16/2022 L2232177-09 10 - 10.5 (ft)	EP-17 EP-17_10-10.5 05/25/2022 L2227729-03 10 - 10.5 (ft)	EP-18 EP-18_8-8.5 05/25/2022 L2227729-04 8 - 8.5 (ft)	EP-19 EP-19_8-8.5 05/25/2022 L2227729-05 8 - 8.5 (ft)	EP-20 EP-20_8-8.5 05/23/2022 L2227226-05 8 - 8.5 (ft)	EP-20 EP-20_10-10.5 06/16/2022 L2232177-10 10 - 10.5 (ft)	EP-21 EP-21_8-8.5 05/23/2022 L2227226-06 8 - 8.5 (ft)	EP-22 EP-22_8-8.5 05/24/2022 L2227519-11 8 - 8.5 (ft)	EP-22 EP-22_10-10.5 06/16/2022 L2232177-11 10 - 10.5 (ft)
Pesticides (mg/kg)																				
4,4'-DDD	0.0033	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	0.00118 J	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
4,4'-DDE	0.0033	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
4,4'-DDT	0.0033	NA	ND (0.00313)	ND (0.00307)	ND (0.00318)	ND (0.00314)	-	ND (0.0032)	-	ND (0.00298)	-	ND (0.00298)	ND (0.00319)	ND (0.00313)	ND (0.00307)	-	ND (0.00317)	ND (0.00303)	-
Aldrin	0.005	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
alpha-BHC	0.02	NA	ND (0.000695)	ND (0.000682)	ND (0.000708)	ND (0.000698)	-	ND (0.000712)	-	ND (0.000663)	-	ND (0.000661)	ND (0.000708)	ND (0.000696)	ND (0.000682)	-	ND (0.000704)	ND (0.000673)	-
alpha-Chlordane	0.094	NA	ND (0.00209)	ND (0.00205)	ND (0.00212)	ND (0.00209)	-	0.00065 J	-	ND (0.00199)	-	ND (0.00198)	ND (0.00212)	ND (0.00209)	ND (0.00205)	-	ND (0.00211)	ND (0.00202)	-
beta-BHC	0.036	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
Chlordane	NA	NA	ND (0.0139)	ND (0.0136)	ND (0.0142)	ND (0.014)	-	ND (0.0142)	-	ND (0.0132)	-	ND (0.0132)	ND (0.0142)	ND (0.0139)	ND (0.0136)	-	ND (0.0141)	ND (0.0135)	-
delta-BHC	0.04	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
Dieldrin	0.005	NA	ND (0.00104)	ND (0.00102)	ND (0.00106)	ND (0.00105)	-	ND (0.00107)	-	ND (0.000994)	-	ND (0.000992)	ND (0.00106)	ND (0.00104)	ND (0.00102)	-	ND (0.00106)	ND (0.00101)	-
Endosulfan I	2.4	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
Endosulfan II	2.4	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
Endosulfan sulfate	2.4	NA	ND (0.000695)	ND (0.000682)	ND (0.000708)	ND (0.000698)	-	ND (0.000712)	-	ND (0.000663)	-	ND (0.000661)	ND (0.000708)	ND (0.000696)	ND (0.000682)	-	ND (0.000704)	ND (0.000673)	-
Endrin	0.014	NA	ND (0.000695)	ND (0.000682)	ND (0.000708)	ND (0.000698)	-	ND (0.000712)	-	ND (0.000663)	-	ND (0.000661)	ND (0.000708)	ND (0.000696)	ND (0.000682)	-	ND (0.000704)	ND (0.000673)	-
Endrin aldehyde	NA	NA	ND (0.00209)	ND (0.00205)	ND (0.00212)	ND (0.00209)	-	ND (0.00214)	-	ND (0.00199)	-	ND (0.00198)	ND (0.00212)	ND (0.00209)	ND (0.00205)	-	ND (0.00211)	ND (0.00202)	-
Endrin ketone	NA	NA	ND (0.00167)	ND (0.00164)	ND (0.0017)	ND (0.00168)	-	ND (0.00171)	-	ND (0.00159)	-	ND (0.00159)	ND (0.0017)	ND (0.00167)	ND (0.00164)	-	ND (0.00169)	ND (0.00162)	-
gamma-BHC (Lindane)	0.1	NA	ND (0.000695)	ND (0.000682)	ND (0.000708)	ND (0.000698)	-	ND (0.000712)	-	ND (0.000663)	-	ND (0.000661)	ND (0.000708)	ND (0.000696)	ND (0.000682)	-	ND (0.000704)	ND (0.000673)	-
gamma-Chlordane	NA	NA	ND (0.00209)	ND (0.00205)	ND (0.00212)	ND (0.00209)	-	0.00112 J	-	ND (0.00199)	-	ND (0.00198)	ND (0.00212)	ND (0.00209)	ND (0.00205)	-	ND (0.00211)	ND (0.00202)	-
Heptachlor	0.042	NA	ND (0.000834)	ND (0.000818)	ND (0.000849)	ND (0.000838)	-	ND (0.000854)	-	ND (0.000795)	-	ND (0.000794)	ND (0.00085)	ND (0.000835)	ND (0.000819)	-	ND (0.000845)	ND (0.000808)	-
Heptachlor epoxide	NA	NA	ND (0.00313)	ND (0.00307)	ND (0.00318)	ND (0.00314)	-	ND (0.0032)	-	ND (0.00298)	-	ND (0.00298)	ND (0.00319)	ND (0.00313)	ND (0.00307)	-	ND (0.00317)	ND (0.00303)	-
Methoxychlor	NA	NA	ND (0.00313)	ND (0.00307)	ND (0.00318)	ND (0.00314)	-	ND (0.0032)	-	ND (0.00298)	-	ND (0.00298)	ND (0.00319)	ND (0.00313)	ND (0.00307)	-	ND (0.00317)	ND (0.00303)	-
Toxaphene	NA	NA	ND (0.0313)	ND (0.0307)	ND (0.0318)	ND (0.0314)	-	ND (0.032)	-	ND (0.0298)	-	ND (0.0298)	ND (0.0319)	ND (0.0313)	ND (0.0307)	-	ND (0.0317)	ND (0.0303)	-
PFAS (mg/kg)																				
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	ND (0.000485) J	ND (0.000493) J	ND (0.000503)	ND (0.000501) J	-	ND (0.000506)	-	ND (0.000486) J	-	ND (0.000483) J	ND (0.00049) J	ND (0.000482) J	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA	NA	NA	ND (0.000485) J	ND (0.00162) J	ND (0.000503)	ND (0.000501) J	-	ND (0.000506)	-	ND (0.000486) J	-	ND (0.000483) J	ND (0.00049) J	ND (0.000482) J	ND (0.000489) J	-	ND (0.000488)	ND (0.000497)	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	ND (0.000253)	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorobutanoic acid (PFBA)	NA	NA	ND (0.000485)	ND (0.000493)	0.000026 J	ND (0.000501)	-	0.000025 J	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	ND (0.000253)	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.000243)	ND (0.000246)	0.000062 J	ND (0.00025)	-	ND (0.000253)	-	ND (0.000243)	-	ND (0.000242)	0.000045 J	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	ND (0.000253)	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorohexanoic acid (PFHxA)	NA	NA	ND (0.000485)	ND (0.000493)	0.000199 J	ND (0.000501)	-	0.000152 J	-	0.000077 J	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	ND (0.000253)	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.000485)	ND (0.000493) J	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluorooctanesulfonic acid (PFOS)	NA	0.00088*	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	0.000193 J	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluorooctanoic acid (PFOA)	NA	0.00066*	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	0.000052 J	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-
Perfluoropentanoic acid (PFPeA)	NA	NA	ND (0.000485)	ND (0.000493)	0.000087 J	ND (0.000501)	-	0.000158 J	-	0.000093 J	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501) J	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049) J	ND (0.000482) J	ND (0.000489)	-	ND (0.000488)	ND (0.000497) J	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.000485)	ND (0.000493)	ND (0.000503)	ND (0.000501)	-	ND (0.000506)	-	ND (0.000486)	-	ND (0.000483)	ND (0.00049)	ND (0.000482)	ND (0.000489)	-	ND (0.000488)	ND (0.000497)	-
US EPA PFAS (PFOS + PFOA)	NA	NA	ND (0.000243)	ND (0.000246)	ND (0.000251)	ND (0.00025)	-	0.000245 J	-	ND (0.000243)	-	ND (0.000242)	ND (0.000245)	ND (0.000241)	ND (0.000244)	-	ND (0.000244)	ND (0.000248)	-

Notes:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J-: Value is estimated, low bias
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives
*- * Indicates shaded values are an exceedance of the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).*

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-23 EP-23_8-8.5 05/24/2022 L2227519-12 8 - 8.5 (ft)	EP-24 EP-24_8-8.5 05/24/2022 L2227519-13 8 - 8.5 (ft)	EP-24 DUP01-20220524 05/24/2022 L2227519-16 8 - 8.5 (ft)	EP-24 EP-24_10-10.5 06/16/2022 L2232177-12 10 - 10.5 (ft)	EP-25 EP-25_10-10.5 05/25/2022 L2227729-06 10 - 10.5 (ft)	EP-26 EP-26_4-4.5 06/09/2022 L2230675-02 4 - 4.5 (ft)	EP-26 EP-26_6-6.5 06/21/2022 L2232944-01 6 - 6.5 (ft)	EP-27 EP-27_4-4.5 06/09/2022 L2230675-03 4 - 4.5 (ft)	EP-28 EP-28_4-4.5 06/01/2022 L2228701-01 4 - 4.5 (ft)	EP-28 EP-28_6-6.5 06/21/2022 L2232944-02 6 - 6.5 (ft)	EP-28 EP-28_8-8.5 06/29/2022 L2234540-01 8 - 8.5 (ft)	EP-29 EP-29_4-4.5 06/09/2022 L2230675-04 4 - 4.5 (ft)	EP-30 EP-30_4-4.5 06/01/2022 L2228701-02 4 - 4.5 (ft)	EP-31 EP-31_4-4.5 06/01/2022 L2228701-03 4 - 4.5 (ft)	EP-31 DUP02_20220601 06/01/2022 L2228701-04 4 - 4.5 (ft)	EP-31 EP-31_6-6.5 06/21/2022 L2232944-03 6 - 6.5 (ft)
Volatile Organic Compounds (mg/kg)																		
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
1,1,1-Trichloroethane	0.68	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
1,1,2-Trichloroethane	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,1-Dichloroethane	0.27	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,1-Dichloroethene	0.33	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,1-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
1,2,3-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2,3-Trichloropropane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2,4-Trimethylbenzene	3.6	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	0.00046 J	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0029)	ND (0.0027)	ND (0.0029)	-	ND (0.0043)	ND (0.0033)	-	ND (0.0038)	ND (0.0035)	-	-	ND (0.004)	ND (0.0036)	ND (0.0034)	ND (0.003)	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,2-Dichlorobenzene	1.1	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,2-Dichloroethane	0.02	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,2-Dichloroethene (total)	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,2-Dichloropropane	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
1,3,5-Trimethylbenzene	8.4	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,3-Dichlorobenzene	2.4	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,3-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,3-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
1,4-Dichlorobenzene	1.8	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,4-Diethylbenzene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029) J	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
1,4-Dioxane	0.1	NA	ND (0.077)	ND (0.072)	ND (0.077)	-	ND (0.12)	ND (0.087)	-	ND (0.1)	0.093 R	-	-	ND (0.11)	0.096 R	0.091 R	0.081 R	-
2,2-Dichloropropane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026) J	ND (0.0023)	-	-	ND (0.0026) J	ND (0.0024)	ND (0.0023)	ND (0.002)	-
2-Butanone (Methyl Ethyl Ketone)	0.12	NA	ND (0.0096) J	ND (0.0091) J	ND (0.0096) J	-	ND (0.014)	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
2-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.0096) J	ND (0.0091) J	ND (0.0096) J	-	ND (0.014)	ND (0.011)	-	ND (0.013) J	ND (0.012)	-	-	ND (0.013) J	ND (0.012)	ND (0.011)	ND (0.01)	-
2-Phenylbutane (sec-Butylbenzene)	11	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
4-Chlorotoluene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	0.00054 J	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.0096)	ND (0.0091)	ND (0.0096)	-	ND (0.014)	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
Acetone	0.05	NA	ND (0.0096)	ND (0.0091)	ND (0.0096)	-	ND (0.014)	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
Acrylonitrile	NA	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058)	ND (0.0044)	-	ND (0.0051)	ND (0.0047)	-	-	ND (0.0053)	ND (0.0048)	ND (0.0045)	ND (0.004)	-
Benzene	0.06	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Bromobenzene	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Bromodichloromethane	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Bromoform	NA	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058)	ND (0.0044)	-	ND (0.0051)	ND (0.0047)	-	-	ND (0.0053)	ND (0.0048)	ND (0.0045)	ND (0.004)	-
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Carbon disulfide	NA	NA	ND (0.0096)	ND (0.0091)	ND (0.0096)	-	ND (0.014)	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
Carbon tetrachloride	0.76	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013) J	ND (0.0012)	-	-	ND (0.0013) J	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Chlorobenzene	1.1	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Chlorobromomethane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Chloroethane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Chloroform (Trichloromethane)	0.37	NA	ND (0.0014)	ND (0.0014)	ND (0.0014)	-	ND (0.0022)	ND (0.0016)	-	ND (0.0019)	0.00058 J	-	-	ND (0.002)	ND (0.0018)	ND (0.0017)	ND (0.0015)	-
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058)	ND (0.0044)	-	ND (0.0051)	ND (0.0047)	-	-	ND (0.0053)	ND (0.0048)	ND (0.0045)	ND (0.004)	-
cis-1,2-Dichloroethene	0.25	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
cis-1,3-Dichloropropene	NA	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Dibromochloromethane	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Dibromomethane	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.0096)	ND (0.0091)	ND (0.0096)	-	ND (0.014)	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
Ethyl Ether	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Ethylbenzene	1	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Hexachlorobutadiene	NA	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058) J	ND (0.0044)	-	ND (0.0051)	ND (0.0047)	-	-	ND (0.0053)	ND (0.0048)	ND (0.0045)	ND (0.004)	-
Isopropylbenzene (Cumene)	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
m,p-Xylenes	NA	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Methyl Tert Butyl Ether (MTBE)	0.93	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Methylene chloride (Dichloromethane)	0.05	NA	ND (0.0048)	ND (0.0045)	ND (0.0048)	-	ND (0.0072)	ND (0.0054)	-	ND (0.0064)	ND (0.0058)	-	-	ND (0.0066)	ND (0.006)	ND (0.0057)	ND (0.005)	-
Naphthalene	12	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058) J	ND (0.0044)	-	ND (0.0051)	ND (0.0047)	-	-	ND (0.0053)	ND (0.0048)	ND (0.0045)	ND (0.004)	-
n-Butylbenzene	12	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014) J	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
n-Propylbenzene	3.9	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-23 EP-23_8-8.5 05/24/2022 L2227519-12 8 - 8.5 (ft)	EP-24 EP-24_8-8.5 05/24/2022 L2227519-13 8 - 8.5 (ft)	EP-24 DUP01-20220524 05/24/2022 L2227519-16 8 - 8.5 (ft)	EP-24 EP-24_10-10.5 06/16/2022 L2232177-12 10 - 10.5 (ft)	EP-25 EP-25_10-10.5 05/25/2022 L2227729-06 10 - 10.5 (ft)	EP-26 EP-26_4-4.5 06/09/2022 L2230675-02 4 - 4.5 (ft)	EP-26 EP-26_6-6.5 06/21/2022 L2232944-01 6 - 6.5 (ft)	EP-27 EP-27_4-4.5 06/09/2022 L2230675-03 4 - 4.5 (ft)	EP-28 EP-28_4-4.5 06/01/2022 L2228701-01 4 - 4.5 (ft)	EP-28 EP-28_6-6.5 06/21/2022 L2232944-02 6 - 6.5 (ft)	EP-28 EP-28_8-8.5 06/29/2022 L2234540-01 8 - 8.5 (ft)	EP-29 EP-29_4-4.5 06/09/2022 L2230675-04 4 - 4.5 (ft)	EP-30 EP-30_4-4.5 06/01/2022 L2228701-02 4 - 4.5 (ft)	EP-31 EP-31_4-4.5 06/01/2022 L2228701-03 4 - 4.5 (ft)	EP-31 DUP02_20220601 06/01/2022 L2228701-04 4 - 4.5 (ft)	EP-31 EP-31_6-6.5 06/21/2022 L2232944-03 6 - 6.5 (ft)
o-Xylene	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Styrene	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
tert-Butylbenzene	5.9	NA	ND (0.0019)	ND (0.0018)	ND (0.0019)	-	ND (0.0029)	ND (0.0022)	-	ND (0.0026)	ND (0.0023)	-	-	ND (0.0026)	ND (0.0024)	ND (0.0023)	ND (0.002)	-
Tetrachloroethene	1.3	NA	0.00048	0.0003 J	0.00051	-	ND (0.00072)	ND (0.00054)	-	0.0003 J	0.0033	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Toluene	0.7	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
trans-1,2-Dichloroethene	0.19	NA	ND (0.0014)	ND (0.0014)	ND (0.0014)	-	ND (0.0022)	ND (0.0016)	-	ND (0.0019)	ND (0.0018)	-	-	ND (0.002)	ND (0.0018)	ND (0.0017)	ND (0.0015)	-
trans-1,3-Dichloropropene	NA	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0048)	ND (0.0045)	ND (0.0048)	-	ND (0.0072)	ND (0.0054)	-	ND (0.0064)	ND (0.0058)	-	-	ND (0.0066)	ND (0.006)	ND (0.0057)	ND (0.005)	-
Trichloroethene	0.47	NA	ND (0.00048)	ND (0.00045)	ND (0.00048)	-	ND (0.00072)	ND (0.00054)	-	ND (0.00064)	ND (0.00058)	-	-	ND (0.00066)	ND (0.0006)	ND (0.00057)	ND (0.0005)	-
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0039)	ND (0.0036)	ND (0.0038)	-	ND (0.0058)	ND (0.0044)	-	ND (0.0051) J	ND (0.0047)	-	-	ND (0.0053) J	ND (0.0048)	ND (0.0045)	ND (0.004)	-
Vinyl acetate	NA	NA	ND (0.0096)	ND (0.0091)	ND (0.0096)	-	ND (0.014) J	ND (0.011)	-	ND (0.013)	ND (0.012)	-	-	ND (0.013)	ND (0.012)	ND (0.011)	ND (0.01)	-
Vinyl chloride	0.02	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Xylene (total)	0.26	NA	ND (0.00096)	ND (0.00091)	ND (0.00096)	-	ND (0.0014)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)	-	-	ND (0.0013)	ND (0.0012)	ND (0.0011)	ND (0.001)	-
Semi-Volatile Organic Compounds (mg/kg)																		
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
1,2-Dichlorobenzene	1.1	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
1,3-Dichlorobenzene	2.4	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
1,4-Dichlorobenzene	1.8	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
1,4-Dioxane	0.1	NA	ND (0.026)	ND (0.026)	ND (0.027)	-	ND (0.031)	ND (0.027)	-	ND (0.027)	ND (0.027)	-	-	ND (0.026)	ND (0.026)	ND (0.026)	ND (0.026)	-
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.2)	ND (0.21)	ND (0.21)	-	ND (0.25)	ND (0.22)	-	ND (0.22)	ND (0.21)	-	-	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.2)	-
2,4,5-Trichlorophenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2,4,6-Trichlorophenol	NA	NA	ND (0.1)	ND (0.1)	ND (0.11)	-	ND (0.12)	ND (0.11)	-	ND (0.11)	ND (0.11)	-	-	ND (0.11)	ND (0.1)	ND (0.1)	ND (0.1)	-
2,4-Dichlorophenol	NA	NA	ND (0.15)	ND (0.16)	ND (0.16)	-	ND (0.19)	ND (0.16)	-	ND (0.16)	ND (0.16)	-	-	ND (0.16)	ND (0.15)	ND (0.16)	ND (0.15)	-
2,4-Dimethylphenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2,4-Dinitrophenol	NA	NA	ND (0.82)	ND (0.84)	ND (0.85)	-	ND (1)	ND (0.86)	-	ND (0.86)	ND (0.86)	-	-	ND (0.85)	ND (0.82)	ND (0.84)	ND (0.82)	-
2,4-Dinitrotoluene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2,6-Dinitrotoluene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2-Chloronaphthalene	NA	NA	ND (0.17)	ND (0.17)	ND (0.17)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2-Chlorophenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2-Methylnaphthalene	NA	NA	ND (0.2)	ND (0.21)	ND (0.21)	-	ND (0.25)	ND (0.22)	-	ND (0.22)	0.062 J	ND (0.21)	-	ND (0.21)	ND (0.21)	ND (0.21)	ND (0.2)	-
2-Methylphenol (o-Cresol)	0.33	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
2-Nitrophenol	NA	NA	ND (0.37)	ND (0.38)	ND (0.38)	-	ND (0.45)	ND (0.39)	-	ND (0.39)	ND (0.39)	-	-	ND (0.38)	ND (0.37)	ND (0.38)	ND (0.37)	-
3&4-Methylphenol	NA	NA	ND (0.24)	ND (0.25)	ND (0.26)	-	ND (0.3)	ND (0.26)	-	ND (0.26)	ND (0.26)	-	-	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	-
3,3'-Dichlorobenzidine	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	0.18 R	-	-	ND (0.18)	0.17 R	0.17 R	0.17 R	-
3-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.44)	ND (0.45)	ND (0.46)	-	ND (0.54)	ND (0.47)	-	ND (0.47)	ND (0.46)	-	-	ND (0.46)	ND (0.45)	ND (0.45)	ND (0.44)	-
4-Bromophenyl phenyl ether	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4-Chloro-3-methylphenol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4-Chloroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4-Chlorophenyl phenyl ether	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4-Nitroaniline	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
4-Nitrophenol	NA	NA	ND (0.24)	ND (0.24)	ND (0.25)	-	ND (0.29)	ND (0.25)	-	ND (0.25)	ND (0.25)	-	-	ND (0.25)	ND (0.24)	ND (0.24)	ND (0.24)	-
Acenaphthene	20	NA	ND (0.14)	ND (0.14)	0.018 J	-	ND (0.17)	ND (0.14)	-	ND (0.14)	0.25	ND (0.14)	-	ND (0.14)	ND (0.14)	0.018 J	0.035 J	-
Acenaphthylene	100	NA	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.17)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-
Acetophenone	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Anthracene	100	NA	ND (0.1)	0.068 J	0.056 J	-	ND (0.12)	ND (0.11)	-	ND (0.11)	0.54 J-	ND (0.1)	-	ND (0.11)	0.1 R	0.1 R	0.062 J-	-
Benzo(a)anthracene	1	NA	ND (0.1)	0.19	0.16	-	0.028 J	ND (0.11)	-	ND (0.11)	1.3	0.021 J	-	ND (0.11)	ND (0.1)	0.062 J	0.094 J	-
Benzo(a)pyrene	1	NA	ND (0.14)	0.19	0.16	-	ND (0.17)	ND (0.14)	-	ND (0.14)	1.2	ND (0.14)	-	ND (0.14)	ND (0.14)	0.058 J	0.09 J	-
Benzo(b)fluoranthene	1	NA	ND (0.1)	0.24	0.19	-	ND (0.12)	ND (0.11)	-	ND (0.11)	1.3	ND (0.1)	-	ND (0.11)	ND (0.1)	0.064 J	0.1	-
Benzo(g,h,i)perylene	100	NA	ND (0.14)	0.11 J	0.095 J	-	ND (0.17)	ND (0.14)	-	ND (0.14)	0.64	ND (0.14)	-	ND (0.14)	ND (0.14)	0.033 J	0.05 J	-
Benzo(k)fluoranthene	0.8	NA	ND (0.1)	0.058 J	0.071 J	-	ND (0.12)	ND (0.11)	-	ND (0.11)	0.33	ND (0.1)	-	ND (0.11)	ND (0.1)	ND (0.1)	0.034 J	-
Benzoic acid	NA	NA	ND (0.55)	ND (0.56)	ND (0.58)	-	ND (0.68) J	ND (0.58)	-	ND (0.58)	ND (0.58)	-	-	ND (0.57)	ND (0.56)	ND (0.56)	ND (0.55)	-
Benzyl Alcohol	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Biphenyl	NA	NA	ND (0.39)	ND (0.4)	ND (0.4)	-	ND (0.48)	ND (0.41)	-	ND (0.41)	ND (0.41)	-	-	ND (0.4)	ND (0.39)	ND (0.4)	ND (0.39)	-
bis(2-Chloroethoxy)methane	NA	NA	ND (0.18)	ND (0.19)	ND (0.19)	-	ND (0.23)	ND (0.19)	-	ND (0.19)	ND (0.19)	-	-	ND (0.19)	ND (0.18)	ND (0.19)	ND (0.18)	-
bis(2-Chloroethyl)ether	NA	NA	ND (0.15)	ND (0.16)	ND (0.16)	-	ND (0.19)	ND (0.16)	-	ND (0.16)	ND (0.16)	-	-	ND (0.16)	ND (0.15)	ND (0.16)	ND (0.15)	-
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Butyl benzylphthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	0.056 J	ND (0.17)	-
Carbazole	NA	NA	ND (0.17)	0.022 J	0.027 J	-	ND (0.21)	ND (0.18)	-	ND (0.18)	0.18 J-	-	-	ND (0.18)	0.17 R	0.17 R	0.03 J-	-
Chrysene	1	NA	ND (0.1)	0.2	0.17	-	0.027 J	ND (0.11)	-	ND (0.11)	1.2 J-	ND (0.1)	-	ND (0.11)	0.1 R	0.054 J-	0.08 J-	-
Dibenz(a,h)anthracene	0.33	NA	ND (0.1)	0.023 J	0.022 J	-	ND (0.12)	ND (0.11)	-	ND (0.11)	0.16	ND (0.1)	-	ND (0.11)	ND (0.1)	ND (0.1)	ND (0.1)	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-23 EP-23_8-8.5 05/24/2022 L2227519-12 8 - 8.5 (ft)	EP-24 EP-24_8-8.5 05/24/2022 L2227519-13 8 - 8.5 (ft)	EP-24 DUP01-20220524 05/24/2022 L2227519-16 8 - 8.5 (ft)	EP-24 EP-24_10-10.5 06/16/2022 L2232177-12 10 - 10.5 (ft)	EP-25 EP-25_10-10.5 05/25/2022 L2227729-06 10 - 10.5 (ft)	EP-26 EP-26_4-4.5 06/09/2022 L2230675-02 4 - 4.5 (ft)	EP-26 EP-26_6-6.5 06/21/2022 L2232944-01 6 - 6.5 (ft)	EP-27 EP-27_4-4.5 06/09/2022 L2230675-03 4 - 4.5 (ft)	EP-28 EP-28_4-4.5 06/01/2022 L2228701-01 4 - 4.5 (ft)	EP-28 EP-28_6-6.5 06/21/2022 L2232944-02 6 - 6.5 (ft)	EP-28 EP-28_8-8.5 06/29/2022 L2234540-01 8 - 8.5 (ft)	EP-29 EP-29_4-4.5 06/09/2022 L2230675-04 4 - 4.5 (ft)	EP-30 EP-30_4-4.5 06/01/2022 L2228701-02 4 - 4.5 (ft)	EP-31 EP-31_4-4.5 06/01/2022 L2228701-03 4 - 4.5 (ft)	EP-31 DUP02_20220601 06/01/2022 L2228701-04 4 - 4.5 (ft)	EP-31 EP-31_6-6.5 06/21/2022 L2232944-03 6 - 6.5 (ft)
Dibenzofuran	7	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	0.14 J	-	-	ND (0.18)	ND (0.17)	ND (0.17)	0.024 J	-
Diethyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Dimethyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Di-n-butylphthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Di-n-octyl phthalate	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Fluoranthene	100	NA	0.02 J	0.4	0.35	-	0.038 J	ND (0.11)	-	ND (0.11)	2.7	0.027 J	-	ND (0.11)	ND (0.1)	0.12	0.21	-
Fluorene	30	NA	ND (0.17)	0.019 J	0.02 J	-	ND (0.21)	ND (0.18)	-	ND (0.18)	0.23	ND (0.17)	-	ND (0.18)	ND (0.17)	ND (0.17)	0.036 J	-
Hexachlorobenzene	0.33	NA	ND (0.1)	ND (0.1)	ND (0.11)	-	ND (0.12)	ND (0.11)	-	ND (0.11)	ND (0.11)	-	-	ND (0.11)	ND (0.1)	ND (0.1)	ND (0.1)	-
Hexachlorobutadiene	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Hexachlorocyclopentadiene	NA	NA	ND (0.49)	ND (0.5)	ND (0.51)	-	ND (0.6)	ND (0.51)	-	ND (0.52)	0.51 R	-	-	ND (0.51)	0.49 R	0.5 R	0.49 R	-
Hexachloroethane	NA	NA	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.17)	ND (0.14)	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-
Indeno(1,2,3-cd)pyrene	0.5	NA	ND (0.14)	0.13 J	0.11 J	-	ND (0.17)	ND (0.14)	-	ND (0.14)	0.73	ND (0.14)	-	ND (0.14)	ND (0.14)	0.04 J	0.06 J	-
Isophorone	NA	NA	ND (0.15)	ND (0.16)	ND (0.16)	-	ND (0.19)	ND (0.16)	-	ND (0.16)	ND (0.16)	-	-	ND (0.16)	ND (0.15)	ND (0.16)	ND (0.15)	-
Naphthalene	12	NA	ND (0.17)	0.022 J	0.026 J	-	ND (0.21)	ND (0.18)	-	ND (0.18)	0.071 J	ND (0.17)	-	ND (0.18)	ND (0.17)	ND (0.17)	0.065 J	-
Nitrobenzene	NA	NA	ND (0.15)	ND (0.16)	ND (0.16)	-	ND (0.19)	ND (0.16)	-	ND (0.16)	ND (0.16)	-	-	ND (0.16)	ND (0.15)	ND (0.16)	ND (0.15)	-
N-Nitrosodi-n-propylamine	NA	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.17)	ND (0.14)	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-
Pentachlorophenol	0.8	NA	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.17)	ND (0.14)	-	ND (0.14)	ND (0.14)	-	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	-
Phenanthrene	100	NA	ND (0.1)	0.24	0.23	-	ND (0.12)	ND (0.11)	-	ND (0.11)	3 J-	ND (0.1)	-	ND (0.11)	0.1 R	0.11 J-	0.21 J-	-
Phenol	0.33	NA	ND (0.17)	ND (0.17)	ND (0.18)	-	ND (0.21)	ND (0.18)	-	ND (0.18)	ND (0.18)	-	-	ND (0.18)	ND (0.17)	ND (0.17)	ND (0.17)	-
Pyrene	100	NA	0.018 J	0.37	0.33	-	0.04 J	ND (0.11)	-	ND (0.11)	2.8	0.029 J	-	ND (0.11)	ND (0.1)	0.11	0.17	-
Inorganic Compounds (mg/kg)																		
Aluminum	NA	NA	4100	4360	4340	-	6930 J+	4960	-	5100	5940 J-	-	-	4650	4920 J-	4750 J-	4800 J-	-
Antimony	NA	NA	ND (4.17)	ND (4.1)	ND (4.12)	-	ND (5.08) J	ND (4.15)	-	ND (4.2)	ND (4.21) J	-	-	ND (4.23)	ND (4.09) J	ND (4.15) J	ND (3.96) J	-
Arsenic	13	NA	0.559 J	1.29	1.94	-	1.87	2.08	-	2.06	3.22	-	-	1.45	1.32	0.921	1.03	-
Barium	350	NA	24	42	44.8	-	33.6	15.2	-	22.4	44.4 J-	-	-	21.2	19.5 J-	14.9 J-	19.4 J-	-
Beryllium	7.2	NA	0.175 J	0.205 J	0.198 J	-	0.366 J	0.216 J	-	0.294 J	0.244 J	-	-	0.228 J	0.204 J	0.182 J	0.174 J	-
Cadmium	2.5	NA	ND (0.834)	0.098 J	0.14 J	-	0.234 J	0.108 J	-	0.227 J	ND (0.842)	-	-	0.101 J	ND (0.817)	ND (0.83)	ND (0.791)	-
Calcium	NA	NA	450	1270 J	3060 J	-	763	594	-	690	3300 J-	-	-	377	366 J-	487 J-	615 J-	-
Chromium	NA	NA	6.91	7.6	8.04	-	9.65	6.48	-	8.71	10.5	-	-	6.08	6.34	6.54	5.92	-
Cobalt	NA	NA	2.91	3.21	3.17	-	5.21	4.74	-	4.89	4.79 J-	-	-	3.96	3.28 J-	2.96 J-	2.8 J-	-
Copper	50	NA	4.38	32.4	32.5	-	10.8	7.58	-	11.3	36 J-	-	-	7.42	7.51 J-	7.67 J-	6.96 J-	-
Iron	NA	NA	5540	6970	7100	-	12500 J-	9520	-	10400	11200 J-	-	-	8260	7500 J-	6400 J-	6540 J-	-
Lead	63	NA	9.76	83.2	92.9	2.2	13.1	4.81	-	14.2	126	10.5	-	7.53	8.17	5.28	5.72	-
Magnesium	NA	NA	1310	1280	1610	-	2870	2170	-	2080	3200 J-	-	-	1820	1680 J-	1460 J-	1550 J-	-
Manganese	1600	NA	149	235	203	-	351 J-	224	-	318	248 J-	-	-	231	231 J-	174 J-	163 J-	-
Mercury	0.18	NA	0.08 J	0.148 J	0.204 J	-	ND (0.082)	ND (0.069)	-	ND (0.068)	0.571 J-	ND (0.068)	-	ND (0.068)	ND (0.066) J	ND (0.066) J	ND (0.067) J	-
Nickel	30	NA	5.23	6.1	6.46	-	12.9	9.24	-	9.14	9.76	-	-	8.11	6.92	7.85	6.84	-
Potassium	NA	NA	217	274	314	-	620	431	-	445	836 J-	-	-	340	454 J-	388 J-	526 J-	-
Selenium	3.9	NA	ND (1.67)	ND (1.64)	ND (1.65)	-	ND (2.03)	ND (1.66)	-	ND (1.68)	0.396 J	-	-	ND (1.69)	ND (1.63)	ND (1.66)	0.316 J	-
Silver	2	NA	ND (0.834)	ND (0.82)	ND (0.823)	-	ND (1.02)	ND (0.83)	-	ND (0.841)	ND (0.842)	-	-	ND (0.846)	ND (0.817)	ND (0.83)	ND (0.791)	-
Sodium	NA	NA	40.8 J	57.2 J	97.6 J	-	ND (203)	21.7 J	-	37.3 J	168 J-	-	-	23.7 J	ND (163)	ND (166)	ND (158)	-
Thallium	NA	NA	ND (1.67)	ND (1.64)	ND (1.65)	-	ND (2.03)	ND (1.66)	-	ND (1.68)	ND (1.68) J	-	-	ND (1.69)	ND (1.63) J	ND (1.66) J	ND (1.58) J	-
Vanadium	NA	NA	8.95	9.51	9.86	-	13.8	10.6	-	11	13.6 J-	-	-	9.28	8.94 J-	8.04 J-	8.16 J-	-
Zinc	109	NA	15.8	46.4 J	87.4 J	-	53	26.8	-	27.2	111 J-	40.9 J+	-	28.5	39.8 J-	150 J-	160 J-	27.3
PCBs (mg/kg)																		
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1254 (PCB-1254)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	0.00914 J	-
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	0.125	0.0341 J	0.00814 J	0.00819 J	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.0339)	ND (0.0353)	ND (0.0349)	-	ND (0.0422)	ND (0.0357)	ND (0.036)	ND (0.0359)	ND (0.0354)	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.0339)	ND (0.0353)	0.00438 J	-	ND (0.0422)	0.0508	0.0177 J	0.00411 J	0.00376 J	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	ND (0.0347)	-
Total PCBs	0.1	NA	ND (0.0339)	ND (0.0353)	0.00438 J	-	ND (0.0422)	0.176	0.0518 J	0.01225 J	0.01195 J	-	-	ND (0.0346)	ND (0.0336)	ND (0.0346)	0.00914 J	-
Other																		
Total Solids (%)	NA		94.8	94	93.8	95.4	77.9	91.8	89.5	92.1	91.9	94.8	74.9	93.7	95.6	94.9	95	76.8

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-23 EP-23_8-8.5 05/24/2022 L2227519-12 8 - 8.5 (ft)	EP-24 EP-24_8-8.5 05/24/2022 L2227519-13 8 - 8.5 (ft)	EP-24 DUP01-20220524 05/24/2022 L2227519-16 8 - 8.5 (ft)	EP-24 EP-24_10-10.5 06/16/2022 L2232177-12 10 - 10.5 (ft)	EP-25 EP-25_10-10.5 05/25/2022 L2227729-06 10 - 10.5 (ft)	EP-26 EP-26_4-4.5 06/09/2022 L2230675-02 4 - 4.5 (ft)	EP-26 EP-26_6-6.5 06/21/2022 L2232944-01 6 - 6.5 (ft)	EP-27 EP-27_4-4.5 06/09/2022 L2230675-03 4 - 4.5 (ft)	EP-28 EP-28_4-4.5 06/01/2022 L2228701-01 4 - 4.5 (ft)	EP-28 EP-28_6-6.5 06/21/2022 L2232944-02 6 - 6.5 (ft)	EP-28 EP-28_8-8.5 06/29/2022 L2234540-01 8 - 8.5 (ft)	EP-29 EP-29_4-4.5 06/09/2022 L2230675-04 4 - 4.5 (ft)	EP-30 EP-30_4-4.5 06/01/2022 L2228701-02 4 - 4.5 (ft)	EP-31 EP-31_4-4.5 06/01/2022 L2228701-03 4 - 4.5 (ft)	EP-31 DUP02_20220601 06/01/2022 L2228701-04 4 - 4.5 (ft)	EP-31 EP-31_6-6.5 06/21/2022 L2232944-03 6 - 6.5 (ft)
Pesticides (mg/kg)																			
4,4'-DDD	0.0033	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
4,4'-DDE	0.0033	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
4,4'-DDT	0.0033	NA	ND (0.00311)	ND (0.00302)	ND (0.00304)	-	ND (0.00365)	ND (0.00317)	-	ND (0.00311)	ND (0.00315)	-	-	ND (0.00303)	ND (0.00295)	ND (0.00314)	ND (0.00311)	-
Aldrin	0.005	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
alpha-BHC	0.02	NA	ND (0.000691)	ND (0.000671)	ND (0.000675)	-	ND (0.000811)	ND (0.000705)	-	ND (0.000691)	ND (0.000701)	-	-	ND (0.000673)	ND (0.000655)	ND (0.000698)	ND (0.00069)	-
alpha-Chlordane	0.094	NA	ND (0.00207)	ND (0.00201)	ND (0.00202)	-	ND (0.00243)	ND (0.00212)	-	ND (0.00207)	ND (0.0021)	-	-	ND (0.00202)	ND (0.00197)	ND (0.00209)	ND (0.00207)	-
beta-BHC	0.036	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
Chlordane	NA	NA	ND (0.0138)	ND (0.0134)	ND (0.0135)	-	ND (0.0162)	ND (0.0141)	-	ND (0.0138)	ND (0.014)	-	-	ND (0.0135)	ND (0.0131)	ND (0.014)	ND (0.0138)	-
delta-BHC	0.04	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
Dieldrin	0.005	NA	ND (0.00104)	ND (0.00101)	ND (0.00101)	-	ND (0.00122)	ND (0.00106)	-	ND (0.00104)	ND (0.00105)	-	-	ND (0.00101)	ND (0.000983)	ND (0.00105)	ND (0.00104)	-
Endosulfan I	2.4	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
Endosulfan II	2.4	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
Endosulfan sulfate	2.4	NA	ND (0.000691)	ND (0.000671)	ND (0.000675)	-	ND (0.000811)	ND (0.000705)	-	ND (0.000691)	ND (0.000701)	-	-	ND (0.000673)	ND (0.000655)	ND (0.000698)	ND (0.00069)	-
Endrin	0.014	NA	ND (0.000691)	ND (0.000671)	ND (0.000675)	-	ND (0.000811)	ND (0.000705)	-	ND (0.000691)	ND (0.000701)	-	-	ND (0.000673)	ND (0.000655)	ND (0.000698)	ND (0.00069)	-
Endrin aldehyde	NA	NA	ND (0.00207)	ND (0.00201)	ND (0.00202)	-	ND (0.00243)	ND (0.00212)	-	ND (0.00207)	ND (0.0021)	-	-	ND (0.00202)	ND (0.00197)	ND (0.00209)	ND (0.00207)	-
Endrin ketone	NA	NA	ND (0.00166)	ND (0.00161)	ND (0.00162)	-	ND (0.00195)	ND (0.00169)	-	ND (0.00166)	ND (0.00168)	-	-	ND (0.00162)	ND (0.00157)	ND (0.00167)	ND (0.00166)	-
gamma-BHC (Lindane)	0.1	NA	ND (0.000691)	ND (0.000671)	ND (0.000675)	-	ND (0.000811)	ND (0.000705)	-	ND (0.000691)	ND (0.000701)	-	-	ND (0.000673)	ND (0.000655)	ND (0.000698)	ND (0.00069)	-
gamma-Chlordane	NA	NA	ND (0.00207)	ND (0.00201)	ND (0.00202)	-	0.000746 J	ND (0.00212)	-	ND (0.00207)	ND (0.0021)	-	-	ND (0.00202)	ND (0.00197)	ND (0.00209)	ND (0.00207)	-
Heptachlor	0.042	NA	ND (0.00083)	ND (0.000805)	ND (0.00081)	-	ND (0.000974)	ND (0.000846)	-	ND (0.000829)	ND (0.000841)	-	-	ND (0.000808)	ND (0.000786)	ND (0.000837)	ND (0.000828)	-
Heptachlor epoxide	NA	NA	ND (0.00311)	ND (0.00302)	ND (0.00304)	-	ND (0.00365)	ND (0.00317)	-	ND (0.00311)	ND (0.00315)	-	-	ND (0.00303)	ND (0.00295)	ND (0.00314)	ND (0.00311)	-
Methoxychlor	NA	NA	ND (0.00311)	ND (0.00302)	ND (0.00304)	-	ND (0.00365)	ND (0.00317)	-	ND (0.00311)	ND (0.00315)	-	-	ND (0.00303)	ND (0.00295)	ND (0.00314)	ND (0.00311)	-
Toxaphene	NA	NA	ND (0.0311)	ND (0.0302)	ND (0.0304)	-	ND (0.0365)	ND (0.0317)	-	ND (0.0311)	ND (0.0315)	-	-	ND (0.0303)	ND (0.0295)	ND (0.0314)	ND (0.0311)	-
PFAS (mg/kg)																			
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501) J	-	ND (0.000485)	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493) J	ND (0.00049) J	ND (0.00047)	ND (0.00048) J	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501) J	-	ND (0.000485)	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048) J	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	0.000112 J	ND (0.000489) J	ND (0.000487) J	-	ND (0.000597) J	ND (0.000501) J	-	ND (0.000485) J	ND (0.000514)	ND (0.000498)	ND (0.000612) J	ND (0.000493) J	-	ND (0.00047) J	ND (0.00048) J	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA	NA	NA	ND (0.000483) J	ND (0.000489) J	ND (0.000487) J	-	ND (0.000597) J	ND (0.000501) J	-	ND (0.000485) J	0.000239 J	ND (0.000498)	ND (0.000612) J	ND (0.000493) J	-	ND (0.00047) J	ND (0.00175) J	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	ND (0.00025)	-	ND (0.000242)	ND (0.000257)	ND (0.000249)	ND (0.000306)	ND (0.000246)	ND (0.000245)	ND (0.000235)	ND (0.00024)	-
Perfluorobutanoic acid (PFBA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	0.000023 J	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048) J	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501) J	-	ND (0.000485) J	ND (0.000514)	ND (0.000498) J	ND (0.000612) J	ND (0.000493) J	ND (0.00049)	ND (0.00047)	ND (0.00048)	-
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	ND (0.00025)	-	ND (0.000242)	ND (0.000257)	ND (0.000249)	ND (0.000306)	ND (0.000246)	ND (0.000245) J	ND (0.000235)	ND (0.00024) J	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	ND (0.000485)	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048) J	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	ND (0.000485)	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049)	ND (0.00047)	ND (0.00048)	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	ND (0.00025)	-	ND (0.000242)	0.000196 J	0.000075 J	ND (0.000306)	ND (0.000246)	ND (0.000245) J	ND (0.000235)	ND (0.00024)	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	ND (0.00025)	-	ND (0.000242)	0.000247 J	0.000069 J	ND (0.000306)	ND (0.000246)	ND (0.000245)	ND (0.000235)	ND (0.00024)	-
Perfluorohexanoic acid (PFHxA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	0.000058 J	-	0.000052 J	0.000067 J	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048)	-
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	ND (0.00025)	-	ND (0.000242)	ND (0.000257)	ND (0.000249)	ND (0.000306)	ND (0.000246)	ND (0.000245) J	ND (0.000235)	ND (0.00024)	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.000483)	ND (0.000489) J	ND (0.000487)	-	ND (0.000597)	ND (0.000501) J	-	ND (0.000485) J	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049)	ND (0.00047)	ND (0.00048)	-
Perfluorooctanesulfonic acid (PFOS)	NA	0.00088*	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	0.000314	-	0.000424	0.00669	0.00114	ND (0.000306)	ND (0.000246)	ND (0.000245)	ND (0.000235)	ND (0.00024)	-
Perfluorooctanoic acid (PFOA)	NA	0.00066*	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	0.000056 J	-	ND (0.000242)	0.00131	0.000329	0.000051 J	ND (0.000246)	0.00008 J	0.000114 J	0.000052 J	-
Perfluoropentanoic acid (PFPeA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	0.000144 J	-	0.000097 J	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048) J	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	0.000055 J	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	ND (0.000485)	ND (0.000514)	ND (0.000498) J	ND (0.000612) J	ND (0.000493)	ND (0.00049)	ND (0.00047) J	ND (0.00175)	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	ND (0.000485)	ND (0.000514)	ND (0.000498) J	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00175) J	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.000483)	ND (0.000489)	ND (0.000487)	-	ND (0.000597)	ND (0.000501)	-	ND (0.000485)	ND (0.000514)	ND (0.000498)	ND (0.000612)	ND (0.000493)	ND (0.00049) J	ND (0.00047)	ND (0.00048)	-
US EPA PFAS (PFOS + PFOA)	NA	NA	ND (0.000241)	ND (0.000244)	ND (0.000243)	-	ND (0.000298)	0.00037 J	-	0.000424	0.008	0.00147	0.000051 J	ND (0.000246)	0.00008 J	0.000114 J	0.000052 J	-

Notes:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J-: Value is estimated, low bias
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives
*- * Indicates shaded values are an exceedance of the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).*

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-32 EP-32_4-4.5 06/01/2022 L2228701-05 4 - 4.5 (ft)	EP-32 EP-32_6-6.5 06/21/2022 L2232944-04 6 - 6.5 (ft)	EP-33 EP-33_4-4.5 06/02/2022 L2229004-01 4 - 4.5 (ft)	EP-33 EP-33_6-6.5 06/21/2022 L2232944-05 6 - 6.5 (ft)	EP-34 EP-34_4-4.5 06/02/2022 L2229004-02 4 - 4.5 (ft)	EP-35 EP-35_4-4.5 06/01/2022 L2228701-07 4 - 4.5 (ft)	EP-35 EP-35_6-6.5 06/21/2022 L2232944-06 6 - 6.5 (ft)	EP-35 DUP04-06212022 06/21/2022 L2232944-07 6 - 6.5 (ft)	EP-35 EP-35_8-8.5 06/29/2022 L2234540-02 8 - 8.5 (ft)	EP-36 EP-36_4-4.5 06/01/2022 L2228701-09 4 - 4.5 (ft)	EP-36 EP-36_6-6.5 06/21/2022 L2232944-08 6 - 6.5 (ft)	EP-37 EP-37_4-4.5 06/01/2022 L2228701-08 4 - 4.5 (ft)	EP-38 EP-38_4-4.5 06/01/2022 L2228701-06 4 - 4.5 (ft)	EP-38 EP-38_6-6.5 06/21/2022 L2232944-09 6 - 6.5 (ft)	EP-39 EP-39_4-4.5 06/09/2022 L2230675-05 4 - 4.5 (ft)	EP-40 EP-40_4-4.5 06/02/2022 L2229004-03 4 - 4.5 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
1,1,1-Trichloroethane	0.68	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
1,1,2-Trichloroethane	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,1-Dichloroethane	0.27	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,1-Dichloroethene	0.33	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,1-Dichloropropene	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
1,2,3-Trichlorobenzene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,2,3-Trichloropropane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0024)	-	ND (0.0025) J	-	0.0025 J	0.22 J	-	-	-	0.00031 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024) J
1,2,4-Trichlorobenzene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,2,4-Trimethylbenzene	3.6	NA	ND (0.0024)	-	ND (0.0025)	-	0.028	3.6 J	-	-	-	0.00099 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0036)	-	ND (0.0037)	-	ND (0.0037)	ND (0.17)	-	-	-	ND (0.0036)	-	ND (0.0028)	ND (0.0032)	-	ND (0.0039)	ND (0.0036)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,2-Dichlorobenzene	1.1	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,2-Dichloroethane	0.02	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,2-Dichloroethene (total)	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,2-Dichloropropane	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
1,3,5-Trimethylbenzene	8.4	NA	ND (0.0024)	-	ND (0.0025)	-	0.011	1 J	-	-	-	0.00035 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,3-Dichlorobenzene	2.4	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,3-Dichloropropane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,3-Dichloropropene	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
1,4-Dichlorobenzene	1.8	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,4-Diethylbenzene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	0.0091	0.3 J	-	-	-	0.00063 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
1,4-Dioxane	0.1	NA	0.095 R	-	ND (0.1)	-	ND (0.099)	4.6 R	-	-	-	0.096 R	-	0.075 R	0.085 R	-	ND (0.1)	ND (0.097)
2,2-Dichloropropane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026) J	ND (0.0024)
2-Butanone (Methyl Ethyl Ketone)	0.12	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
2-Chlorotoluene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013) J	ND (0.012)
2-Phenylbutane (sec-Butylbenzene)	11	NA	ND (0.0012)	-	ND (0.0012)	-	0.00082 J	0.07 J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
4-Chlorotoluene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0024)	-	ND (0.0025)	-	0.017	2.2 J	-	-	-	0.00082 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
Acetone	0.05	NA	ND (0.012)	-	ND (0.012)	-	0.0095 J	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
Acrylonitrile	NA	NA	ND (0.0047)	-	ND (0.005)	-	ND (0.005)	ND (0.23)	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052)	ND (0.0048)
Benzene	0.06	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
Bromobenzene	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Bromodichloromethane	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
Bromoform	NA	NA	ND (0.0047)	-	ND (0.005)	-	ND (0.005)	ND (0.23) J	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052)	ND (0.0048)
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Carbon disulfide	NA	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
Carbon tetrachloride	0.76	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013) J	ND (0.0012)
Chlorobenzene	1.1	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029) J	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
Chlorobromomethane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Chloroethane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Chloroform (Trichloromethane)	0.37	NA	ND (0.0018)	-	ND (0.0019)	-	ND (0.0018)	ND (0.087)	-	-	-	ND (0.0018)	-	ND (0.0014)	ND (0.0016)	-	ND (0.002)	ND (0.0018)
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0047)	-	ND (0.005)	-	ND (0.005)	ND (0.23)	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052)	ND (0.0048)
cis-1,2-Dichloroethene	0.25	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
cis-1,3-Dichloropropene	NA	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0012)	-	ND (0.0012)	-	0.0008 J	0.068 J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Dibromochloromethane	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Dibromomethane	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58)	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
Ethyl Ether	NA	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Ethylbenzene	1	NA	ND (0.0012)	-	ND (0.0012)	-	0.0004 J	0.032 J	-	-	-	0.00021 J	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Hexachlorobutadiene	NA	NA	ND (0.0047)	-	ND (0.005)	-	ND (0.005)	ND (0.23) J	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052)	ND (0.0048)
Isopropylbenzene (Cumene)	NA	NA	ND (0.0012)	-	ND (0.0012)	-	0.00099 J	0.096 J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
m,p-Xylenes	NA	NA	ND (0.0024)	-	ND (0.0025)	-	0.0018 J	0.17 J	-	-	-	0.0011 J	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Methyl Tert Butyl Ether (MTBE)	0.93	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12)	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Methylene chloride (Dichloromethane)	0.05	NA	ND (0.0059)	-	ND (0.0062)	-	ND (0.0062)	ND (0.29)	-	-	-	ND (0.006)	-	ND (0.0047)	ND (0.0053)	-	ND (0.0065)	ND (0.0061)
Naphthalene	12	NA	ND (0.0047)	-	ND (0.005)	-	0.002 J	0.37 J	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052)	ND (0.0048)
n-Butylbenzene	12	NA	ND (0.0012)	-	ND (0.0012)	-	0.001 J	0.14 J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
n-Propylbenzene	3.9	NA	ND (0.0012)	-	ND (0.0012)	-	0.0032	0.38 J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-32 EP-32_4-4.5 06/01/2022 L2228701-05 4 - 4.5 (ft)	EP-32 EP-32_6-6.5 06/21/2022 L2232944-04 6 - 6.5 (ft)	EP-33 EP-33_4-4.5 06/02/2022 L2229004-01 4 - 4.5 (ft)	EP-33 EP-33_6-6.5 06/21/2022 L2232944-05 6 - 6.5 (ft)	EP-34 EP-34_4-4.5 06/02/2022 L2229004-02 4 - 4.5 (ft)	EP-35 EP-35_4-4.5 06/01/2022 L2228701-07 4 - 4.5 (ft)	EP-35 EP-35_6-6.5 06/21/2022 L2232944-06 6 - 6.5 (ft)	EP-35 DUP04-06212022 06/21/2022 L2232944-07 6 - 6.5 (ft)	EP-35 EP-35_8-8.5 06/29/2022 L2234540-02 8 - 8.5 (ft)	EP-36 EP-36_4-4.5 06/01/2022 L2228701-09 4 - 4.5 (ft)	EP-36 EP-36_6-6.5 06/21/2022 L2232944-08 6 - 6.5 (ft)	EP-37 EP-37_4-4.5 06/01/2022 L2228701-08 4 - 4.5 (ft)	EP-38 EP-38_4-4.5 06/01/2022 L2228701-06 4 - 4.5 (ft)	EP-38 EP-38_6-6.5 06/21/2022 L2232944-09 6 - 6.5 (ft)	EP-39 EP-39_4-4.5 06/09/2022 L2230675-05 4 - 4.5 (ft)	EP-40 EP-40_4-4.5 06/02/2022 L2229004-03 4 - 4.5 (ft)
o-Xylene	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	0.079 J	-	-	-	0.00086 J	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Styrene	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058) J	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
tert-Butylbenzene	5.9	NA	ND (0.0024)	-	ND (0.0025)	-	ND (0.0025)	ND (0.12) J	-	-	-	ND (0.0024)	-	ND (0.0019)	ND (0.0021)	-	ND (0.0026)	ND (0.0024)
Tetrachloroethene	1.3	NA	ND (0.00059)	-	0.0016	-	0.0011	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	0.00058 J
Toluene	0.7	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	0.00094 J	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
trans-1,2-Dichloroethene	0.19	NA	ND (0.0018)	-	ND (0.0019)	-	ND (0.0018)	ND (0.087)	-	-	-	ND (0.0018)	-	ND (0.0014)	ND (0.0016)	-	ND (0.002)	ND (0.0018)
trans-1,3-Dichloropropene	NA	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.0059)	-	ND (0.0062)	-	ND (0.0062)	ND (0.29)	-	-	-	ND (0.006)	-	ND (0.0047)	ND (0.0053)	-	ND (0.0065)	ND (0.0061)
Trichloroethene	0.47	NA	ND (0.00059)	-	ND (0.00062)	-	ND (0.00062)	ND (0.029)	-	-	-	ND (0.0006)	-	ND (0.00047)	ND (0.00053)	-	ND (0.00065)	ND (0.00061)
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0047)	-	ND (0.005)	-	ND (0.005)	ND (0.23) J	-	-	-	ND (0.0048)	-	ND (0.0038)	ND (0.0042)	-	ND (0.0052) J	ND (0.0048)
Vinyl acetate	NA	NA	ND (0.012)	-	ND (0.012)	-	ND (0.012)	ND (0.58) J	-	-	-	ND (0.012)	-	ND (0.0094)	ND (0.011)	-	ND (0.013)	ND (0.012)
Vinyl chloride	0.02	NA	ND (0.0012)	-	ND (0.0012)	-	ND (0.0012)	ND (0.058)	-	-	-	ND (0.0012)	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Xylene (total)	0.26	NA	ND (0.0012)	-	ND (0.0012)	-	0.0018 J	0.25	-	-	-	0.002 J	-	ND (0.00094)	ND (0.0011)	-	ND (0.0013)	ND (0.0012)
Semi-Volatile Organic Compounds (mg/kg)																		
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
1,2,4-Trichlorobenzene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
1,2-Dichlorobenzene	1.1	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
1,3-Dichlorobenzene	2.4	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
1,4-Dichlorobenzene	1.8	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
1,4-Dioxane	0.1	NA	ND (0.026)	-	ND (0.03)	-	ND (0.029)	ND (0.026)	-	-	-	ND (0.026)	-	ND (0.026)	ND (0.026)	-	ND (0.026)	ND (0.029)
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.21)	-	ND (0.24)	-	ND (0.23)	ND (0.21)	-	-	-	ND (0.21)	-	ND (0.21)	ND (0.21)	-	ND (0.21)	ND (0.23)
2,4,5-Trichlorophenol	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2,4,6-Trichlorophenol	NA	NA	ND (0.1)	-	ND (0.12)	-	ND (0.12)	ND (0.1)	-	-	-	ND (0.1)	-	ND (0.1)	ND (0.1)	-	ND (0.1)	ND (0.12)
2,4-Dichlorophenol	NA	NA	ND (0.16)	-	ND (0.18)	-	ND (0.18)	ND (0.16)	-	-	-	ND (0.16)	-	ND (0.16)	ND (0.16)	-	ND (0.16)	ND (0.18)
2,4-Dimethylphenol	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2,4-Dinitrophenol	NA	NA	ND (0.85)	-	ND (0.96)	-	ND (0.94)	ND (0.84)	-	-	-	ND (0.83)	-	ND (0.84)	ND (0.83)	-	ND (0.84)	ND (0.94)
2,4-Dinitrotoluene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2,6-Dinitrotoluene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2-Chloronaphthalene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	ND (0.18)	ND (0.22)	-	ND (0.17)	ND (0.17)	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2-Chlorophenol	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2-Methylnaphthalene	NA	NA	ND (0.21)	-	ND (0.24)	-	ND (0.23)	0.16 J	ND (0.21)	ND (0.26)	-	0.072 J	ND (0.21)	ND (0.21)	ND (0.21)	-	ND (0.21)	ND (0.23)
2-Methylphenol (o-Cresol)	0.33	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2-Nitroaniline	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
2-Nitrophenol	NA	NA	ND (0.38)	-	ND (0.43)	-	ND (0.42)	ND (0.38)	-	-	-	ND (0.37)	-	ND (0.38)	ND (0.38)	-	ND (0.38)	ND (0.42)
3&4-Methylphenol	NA	NA	ND (0.25)	-	ND (0.29)	-	ND (0.28)	ND (0.25)	-	-	-	ND (0.25)	-	ND (0.25)	ND (0.25)	-	ND (0.25)	ND (0.28)
3,3'-Dichlorobenzidine	NA	NA	0.18 R	-	ND (0.2)	-	ND (0.2)	0.18 R	-	-	-	0.17 R	-	0.18 R	0.17 R	-	ND (0.18)	ND (0.2)
3-Nitroaniline	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.46)	-	ND (0.52)	-	ND (0.51)	ND (0.46)	-	-	-	ND (0.45)	-	ND (0.46)	ND (0.45)	-	ND (0.46)	ND (0.51)
4-Bromophenyl phenyl ether	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4-Chloro-3-methylphenol	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4-Chloroaniline	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4-Nitroaniline	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
4-Nitrophenol	NA	NA	ND (0.25)	-	ND (0.28)	-	ND (0.27)	ND (0.25)	-	-	-	ND (0.24)	-	ND (0.24)	ND (0.24)	-	ND (0.24)	ND (0.27)
Acenaphthene	20	NA	0.028 J	-	0.059 J	-	0.033 J	0.15	ND (0.14)	ND (0.17)	-	0.16	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Acenaphthylene	100	NA	0.027 J	-	ND (0.16)	-	ND (0.16)	0.13 J	ND (0.14)	ND (0.17)	-	0.11 J	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Acetophenone	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Anthracene	100	NA	0.095 J-	-	0.12	-	0.066 J	0.38 J-	ND (0.1)	ND (0.13)	-	0.44 J-	ND (0.1)	0.1 R	0.1 R	-	ND (0.1)	ND (0.12)
Benzo(a)anthracene	1	NA	0.29	-	0.22	-	0.17	1.2 J	ND (0.1)	ND (0.13)	-	1.1	ND (0.1)	0.021 J	ND (0.1)	-	0.035 J	0.023 J
Benzo(a)pyrene	1	NA	0.29	-	0.19	-	0.13 J	1.2 J	ND (0.14)	ND (0.17)	-	0.95	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Benzo(b)fluoranthene	1	NA	0.34	-	0.23	-	0.18	1.5 J	ND (0.1)	ND (0.13)	-	1.2	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.1)	ND (0.12)
Benzo(g,h,i)perylene	100	NA	0.19	-	0.1 J	-	0.064 J	0.73 J	ND (0.14)	ND (0.17)	-	0.52	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Benzo(k)fluoranthene	0.8	NA	0.11	-	0.061 J	-	0.055 J	0.44	ND (0.1)	ND (0.13)	-	0.38	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.1)	ND (0.12)
Benzoic acid	NA	NA	ND (0.57)	-	ND (0.65)	-	ND (0.63)	0.23 J	-	-	-	ND (0.56)	-	ND (0.57)	ND (0.56)	-	ND (0.57)	ND (0.63)
Benzyl Alcohol	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Biphenyl	NA	NA	ND (0.4)	-	ND (0.46)	-	ND (0.44)	0.028 J	-	-	-	ND (0.39)	-	ND (0.4)	ND (0.4)	-	ND (0.4)	ND (0.44)
bis(2-Chloroethoxy)methane	NA	NA	ND (0.19)	-	ND (0.22)	-	ND (0.21)	ND (0.19)	-	-	-	ND (0.19)	-	ND (0.19)	ND (0.19)	-	ND (0.19)	ND (0.21)
bis(2-Chloroethyl)ether	NA	NA	ND (0.16)	-	ND (0.18)	-	ND (0.18)	ND (0.16)	-	-	-	ND (0.16)	-	ND (0.16)	ND (0.16)	-	ND (0.16)	ND (0.18)
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	0.62	-	-	-	0.076 J	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Butyl benzylphthalate	NA	NA	0.064 J	-	ND (0.2)	-	ND (0.2)	0.079 J	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Carbazole	NA	NA	0.054 J-	-	0.058 J	-	0.046 J	0.22 J-	-	-	-	0.25 J-	-	0.18 R	0.17 R	-	ND (0.18)	ND (0.2)
Chrysene	1	NA	0.28 J-	-	0.2	-	0.15	1.1 J-	ND (0.1)	ND (0.13)	-	0.96 J-	ND (0.1)	0.019 J-	0.1 R	-	0.026 J	ND (0.12)
Dibenz(a,h)anthracene	0.33	NA	0.046 J	-	0.026 J	-	ND (0.12)	0.19	ND (0.1)	ND (0.13)	-	0.15	ND (0.1)	ND (0.1)	ND (0.1)	-	ND (0.1)	ND (0.12)

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-32 EP-32_4-4.5 06/01/2022 L2228701-05 4 - 4.5 (ft)	EP-32 EP-32_6-6.5 06/21/2022 L2232944-04 6 - 6.5 (ft)	EP-33 EP-33_4-4.5 06/02/2022 L2229004-01 4 - 4.5 (ft)	EP-33 EP-33_6-6.5 06/21/2022 L2232944-05 6 - 6.5 (ft)	EP-34 EP-34_4-4.5 06/02/2022 L2229004-02 4 - 4.5 (ft)	EP-35 EP-35_4-4.5 06/01/2022 L2228701-07 4 - 4.5 (ft)	EP-35 EP-35_6-6.5 06/21/2022 L2232944-06 6 - 6.5 (ft)	EP-35 DUP04-06212022 06/21/2022 L2232944-07 6 - 6.5 (ft)	EP-35 EP-35_8-8.5 06/29/2022 L2234540-02 8 - 8.5 (ft)	EP-36 EP-36_4-4.5 06/01/2022 L2228701-09 4 - 4.5 (ft)	EP-36 EP-36_6-6.5 06/21/2022 L2232944-08 6 - 6.5 (ft)	EP-37 EP-37_4-4.5 06/01/2022 L2228701-08 4 - 4.5 (ft)	EP-38 EP-38_4-4.5 06/01/2022 L2228701-06 4 - 4.5 (ft)	EP-38 EP-38_6-6.5 06/21/2022 L2232944-09 6 - 6.5 (ft)	EP-39 EP-39_4-4.5 06/09/2022 L2230675-05 4 - 4.5 (ft)	EP-40 EP-40_4-4.5 06/02/2022 L2229004-03 4 - 4.5 (ft)
Dibenzofuran	7	NA	0.023 J	-	0.035 J	-	0.021 J	0.11 J	-	-	-	0.13 J	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Diethyl phthalate	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Dimethyl phthalate	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Di-n-butylphthalate	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	0.097 J	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Di-n-octyl phthalate	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Fluoranthene	100	NA	0.55	-	0.45	-	0.36	2.4 J	ND (0.1)	ND (0.13)	-	2.4	ND (0.1)	0.037 J	0.021 J	-	0.054 J	0.033 J
Fluorene	30	NA	0.031 J	-	0.056 J	-	0.029 J	0.15 J	ND (0.18)	ND (0.22)	-	0.18	ND (0.17)	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Hexachlorobenzene	0.33	NA	ND (0.1)	-	ND (0.12)	-	ND (0.12)	ND (0.1)	-	-	-	ND (0.1)	-	ND (0.1)	ND (0.1)	-	ND (0.1)	ND (0.12)
Hexachlorobutadiene	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Hexachlorocyclopentadiene	NA	NA	0.5 R	-	ND (0.57)	-	ND (0.56)	0.5 R	-	-	-	0.49 R	-	0.5 R	0.5 R	-	ND (0.5)	ND (0.56)
Hexachloroethane	NA	NA	ND (0.14)	-	ND (0.16)	-	ND (0.16)	ND (0.14)	-	-	-	ND (0.14)	-	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Indeno(1,2,3-cd)pyrene	0.5	NA	0.21	-	0.13 J	-	0.087 J	0.89 J	ND (0.14)	ND (0.17)	-	0.68	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Isophorone	NA	NA	ND (0.16)	-	ND (0.18)	-	ND (0.18)	ND (0.16)	-	-	-	ND (0.16)	-	ND (0.16)	ND (0.16)	-	ND (0.16)	ND (0.18)
Naphthalene	12	NA	0.031 J	-	0.052 J	-	ND (0.2)	0.23	ND (0.18)	ND (0.22)	-	0.15 J	ND (0.17)	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Nitrobenzene	NA	NA	ND (0.16)	-	ND (0.18)	-	ND (0.18)	ND (0.16)	-	-	-	ND (0.16)	-	ND (0.16)	ND (0.16)	-	ND (0.16)	ND (0.18)
N-Nitrosodi-n-propylamine	NA	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
N-Nitrosodiphenylamine	NA	NA	ND (0.14)	-	ND (0.16)	-	ND (0.16)	ND (0.14)	-	-	-	ND (0.14)	-	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Pentachlorophenol	0.8	NA	ND (0.14)	-	ND (0.16)	-	ND (0.16)	ND (0.14)	-	-	-	ND (0.14)	-	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.16)
Phenanthrene	100	NA	0.4 J-	-	0.42	-	0.32	1.6 J-	ND (0.1)	ND (0.13)	-	1.8 J-	ND (0.1)	0.024 J-	0.1 R	-	0.038 J	0.028 J
Phenol	0.33	NA	ND (0.18)	-	ND (0.2)	-	ND (0.2)	ND (0.18)	-	-	-	ND (0.17)	-	ND (0.18)	ND (0.17)	-	ND (0.18)	ND (0.2)
Pyrene	100	NA	0.52	-	0.38	-	0.28	2 J	ND (0.1)	ND (0.13)	-	1.9	ND (0.1)	0.032 J	0.018 J	-	0.051 J	0.028 J
Inorganic Compounds (mg/kg)																		
Aluminum	NA	NA	5890 J-	-	5640	-	4740	6700 J-	-	-	-	5400 J-	-	5580 J-	5260 J-	-	2800	4210
Antimony	NA	NA	1.88 J-	-	ND (4.77)	-	ND (4.69)	0.81 J-	-	-	-	ND (4.01) J	-	ND (4.04) J	ND (4.08) J	-	ND (4.16)	ND (4.73)
Arsenic	13	NA	3.92	-	2.46	-	1.93	3.76	-	-	-	2.17	-	1.76	1.12	-	1.22	1.95
Barium	350	NA	36.3 J-	-	27	-	19.1	59.6 J-	-	-	-	31 J-	-	35.7 J-	15.1 J-	-	17.5	21.4
Beryllium	7.2	NA	0.192 J	-	0.277 J	-	0.235 J	0.251 J	-	-	-	0.248 J	-	0.251 J	0.22 J	-	0.125 J	0.227 J
Cadmium	2.5	NA	ND (0.837)	-	0.305 J	-	0.206 J	ND (0.81)	-	-	-	ND (0.802)	-	ND (0.809)	0.644 J	-	0.1 J	0.208 J
Calcium	NA	NA	1670 J-	-	1600	-	469	8740 J-	-	-	-	713 J-	-	1290 J-	672 J-	-	873	739
Chromium	NA	NA	12.1	-	9.39	-	7.9	8.6	-	-	-	6.96	-	7.98	6.38	-	6.38	7.66
Cobalt	NA	NA	4.46 J-	-	5.59	-	4.58	5.23 J-	-	-	-	4.17 J-	-	4.43 J-	3.24 J-	-	2.85	4.36
Copper	50	NA	34.3 J-	-	21.2	-	9.92	74.5 J-	7.19	-	-	25.2 J-	-	13.5 J-	6.41 J-	-	8.26	14
Iron	NA	NA	9280 J-	-	12900	-	10500	13300 J-	-	-	-	9730 J-	-	8830 J-	7010 J-	-	5540	9850
Lead	63	NA	87	11.7	21.6	-	7.44	223	3.57	5	-	52	-	19.9	4.18	-	12.1	13.8
Magnesium	NA	NA	1960 J-	-	2710	-	2330	2810 J-	-	-	-	1950 J-	-	1880 J-	1700 J-	-	1290	2000
Manganese	1600	NA	179 J-	-	331	-	292	306 J-	-	-	-	264 J-	-	256 J-	214 J-	-	168	270
Mercury	0.18	NA	0.087 J-	-	0.089	-	0.095	0.374 J-	ND (0.068)	ND (0.097)	-	0.086 J-	-	0.083 J-	ND (0.067) J	-	0.057 J	0.077 J
Nickel	30	NA	9.37	-	11.2	-	9.54	10.1	-	-	-	9.41	-	8.6	7.89	-	5.56	8.68
Potassium	NA	NA	371 J-	-	679	-	544	781 J-	-	-	-	456 J-	-	460 J-	456 J-	-	378	546
Selenium	3.9	NA	0.276 J	-	ND (1.91)	-	ND (1.88)	0.372 J	-	-	-	0.224 J	-	ND (1.62)	ND (1.63)	-	ND (1.66)	ND (1.89)
Silver	2	NA	ND (0.837)	-	ND (0.954)	-	ND (0.938)	ND (0.81)	-	-	-	ND (0.802)	-	ND (0.809)	ND (0.815)	-	ND (0.831)	ND (0.946)
Sodium	NA	NA	ND (167)	-	ND (191)	-	ND (188)	251 J-	-	-	-	ND (160)	-	ND (162)	ND (163)	-	34.4 J	ND (189)
Thallium	NA	NA	ND (1.67) J	-	ND (1.91)	-	ND (1.88)	ND (1.62) J	-	-	-	ND (1.6) J	-	ND (1.62) J	ND (1.63) J	-	ND (1.66)	ND (1.89)
Vanadium	NA	NA	11.5 J-	-	12.4	-	10	17.2 J-	-	-	-	9.74 J-	-	10.2 J-	8.42 J-	-	8.24	10.9
Zinc	109	NA	65.8 J-	-	45.7	-	25.3	87.6 J-	-	-	-	182 J-	23	79.6 J-	527 J-	40.1	22	35.6
PCBs (mg/kg)																		
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1254 (PCB-1254)	NA	NA	0.00933 J	-	0.0227 J	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.0349)	-	0.018 J	-	ND (0.037)	0.0742 J-	-	-	-	ND (0.0344)	-	ND (0.0342)	0.00684 J	-	ND (0.0334)	ND (0.0399)
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	ND (0.0342) J	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.0349)	-	ND (0.0387)	-	ND (0.037)	0.034 J-	-	-	-	ND (0.0344)	-	ND (0.0342)	ND (0.0327)	-	ND (0.0334)	ND (0.0399)
Total PCBs	0.1	NA	0.00933 J	-	0.0407 J	-	ND (0.037)	0.108 J-	-	-	-	ND (0.0344)	-	ND (0.0342)	0.00684 J	-	ND (0.0334)	ND (0.0399)
Other																		
Total Solids (%)	NA		93.3	88	82.4	94.3	84.7	93	92.3	75	80.8	93.7	94.4	94	95.6	96.1	94.4	83.2

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-32 EP-32_4-4.5 06/01/2022 L2228701-05 4 - 4.5 (ft)	EP-32 EP-32_6-6.5 06/21/2022 L2232944-04 6 - 6.5 (ft)	EP-33 EP-33_4-4.5 06/02/2022 L2229004-01 4 - 4.5 (ft)	EP-33 EP-33_6-6.5 06/21/2022 L2232944-05 6 - 6.5 (ft)	EP-34 EP-34_4-4.5 06/02/2022 L2229004-02 4 - 4.5 (ft)	EP-35 EP-35_4-4.5 06/01/2022 L2228701-07 4 - 4.5 (ft)	EP-35 EP-35_6-6.5 06/21/2022 L2232944-06 6 - 6.5 (ft)	EP-35 DUP04-06212022 06/21/2022 L2232944-07 6 - 6.5 (ft)	EP-35 EP-35_8-8.5 06/29/2022 L2234540-02 8 - 8.5 (ft)	EP-36 EP-36_4-4.5 06/01/2022 L2228701-09 4 - 4.5 (ft)	EP-36 EP-36_6-6.5 06/21/2022 L2232944-08 6 - 6.5 (ft)	EP-37 EP-37_4-4.5 06/01/2022 L2228701-08 4 - 4.5 (ft)	EP-38 EP-38_4-4.5 06/01/2022 L2228701-06 4 - 4.5 (ft)	EP-38 EP-38_6-6.5 06/21/2022 L2232944-09 6 - 6.5 (ft)	EP-39 EP-39_4-4.5 06/09/2022 L2230675-05 4 - 4.5 (ft)	EP-40 EP-40_4-4.5 06/02/2022 L2229004-03 4 - 4.5 (ft)
Pesticides (mg/kg)																			
4,4'-DDD	0.0033	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163)	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
4,4'-DDE	0.0033	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163) J	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
4,4'-DDT	0.0033	NA	ND (0.00303)	-	ND (0.00359)	-	ND (0.00345)	ND (0.00305) J	-	-	-	ND (0.0031)	-	ND (0.00305)	ND (0.00314)	-	ND (0.00304)	ND (0.0035)
Aldrin	0.005	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163)	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
alpha-BHC	0.02	NA	ND (0.000674)	-	ND (0.000798)	-	ND (0.000767)	ND (0.000678)	-	-	-	ND (0.000688)	-	ND (0.000678)	ND (0.000697)	-	ND (0.000677)	ND (0.000779)
alpha-Chlordane	0.094	NA	ND (0.00202)	-	0.000695 J	-	ND (0.0023)	ND (0.00203)	-	-	-	ND (0.00206)	-	ND (0.00203)	ND (0.00209)	-	ND (0.00203)	ND (0.00234)
beta-BHC	0.036	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163)	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
Chlordane	NA	NA	ND (0.0135)	-	ND (0.016)	-	ND (0.0153)	ND (0.0136) J	-	-	-	ND (0.0138)	-	ND (0.0136)	ND (0.0139)	-	ND (0.0135)	ND (0.0156)
delta-BHC	0.04	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163)	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
Dieldrin	0.005	NA	ND (0.00101)	-	ND (0.0012)	-	ND (0.00115)	ND (0.00102) J	-	-	-	ND (0.00103)	-	ND (0.00102)	ND (0.00104)	-	ND (0.00102)	ND (0.00117)
Endosulfan I	2.4	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163) J	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
Endosulfan II	2.4	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163) J	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
Endosulfan sulfate	2.4	NA	ND (0.000674)	-	ND (0.000798)	-	ND (0.000767)	ND (0.000678) J	-	-	-	ND (0.000688)	-	ND (0.000678)	ND (0.000697)	-	ND (0.000677)	ND (0.000779)
Endrin	0.014	NA	ND (0.000674)	-	ND (0.000798)	-	ND (0.000767)	ND (0.000678) J	-	-	-	ND (0.000688)	-	ND (0.000678)	ND (0.000697)	-	ND (0.000677)	ND (0.000779)
Endrin aldehyde	NA	NA	ND (0.00202)	-	ND (0.0024)	-	ND (0.0023)	ND (0.00203) J	-	-	-	ND (0.00206)	-	ND (0.00203)	ND (0.00209)	-	ND (0.00203)	ND (0.00234)
Endrin ketone	NA	NA	ND (0.00162)	-	ND (0.00192)	-	ND (0.00184)	ND (0.00163) J	-	-	-	ND (0.00165)	-	ND (0.00163)	ND (0.00167)	-	ND (0.00162)	ND (0.00187)
gamma-BHC (Lindane)	0.1	NA	ND (0.000674)	-	ND (0.000798)	-	ND (0.000767)	ND (0.000678)	-	-	-	ND (0.000688)	-	ND (0.000678)	ND (0.000697)	-	ND (0.000677)	ND (0.000779)
gamma-Chlordane	NA	NA	ND (0.00202)	-	0.00145 J	-	ND (0.0023)	ND (0.00203)	-	-	-	ND (0.00206)	-	ND (0.00203)	ND (0.00209)	-	ND (0.00203)	ND (0.00234)
Heptachlor	0.042	NA	ND (0.000809)	-	ND (0.000958)	-	ND (0.00092)	ND (0.000813) J	-	-	-	ND (0.000826)	-	ND (0.000813)	ND (0.000836)	-	ND (0.000812)	ND (0.000935)
Heptachlor epoxide	NA	NA	ND (0.00303)	-	ND (0.00359)	-	ND (0.00345)	ND (0.00305) J	-	-	-	ND (0.0031)	-	ND (0.00305)	ND (0.00314)	-	ND (0.00304)	ND (0.0035)
Methoxychlor	NA	NA	ND (0.00303)	-	ND (0.00359)	-	ND (0.00345)	ND (0.00305) J	-	-	-	ND (0.0031)	-	ND (0.00305)	ND (0.00314)	-	ND (0.00304)	ND (0.0035)
Toxaphene	NA	NA	ND (0.0303)	-	ND (0.0359)	-	ND (0.0345)	ND (0.0305) J	-	-	-	ND (0.031)	-	ND (0.0305)	ND (0.0314)	-	ND (0.0304)	ND (0.035)
PFAS (mg/kg)																			
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.000482) J	ND (0.000482) J	ND (0.000484) J	ND (0.000549)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.000482) J	ND (0.000482) J	ND (0.000484) J	ND (0.000549)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	ND (0.000509) J	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511) J	-	ND (0.000581) J	ND (0.00048) J	-	ND (0.000471) J	ND (0.00165) J	ND (0.000482) J	ND (0.000484) J	ND (0.000549) J
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA	NA	NA	ND (0.000509) J	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581) J	ND (0.00048) J	-	ND (0.000471) J	ND (0.000482)	ND (0.000482) J	ND (0.000484) J	ND (0.000549) J
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.000254)	-	ND (0.000273)	ND (0.00025)	ND (0.000261)	ND (0.000242)	ND (0.000256)	-	ND (0.00029)	ND (0.00024)	-	ND (0.000235)	ND (0.000241)	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorobutanoic acid (PFBA)	NA	NA	0.000028 J	-	ND (0.000545)	ND (0.000499)	0.000026 J	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	0.000025 J	ND (0.000482)	ND (0.000482) J	ND (0.000484)	ND (0.000549)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581) J	ND (0.00048)	-	ND (0.000471)	ND (0.000482)	ND (0.000482)	ND (0.000484) J	ND (0.000549)
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.000254)	-	ND (0.000273)	ND (0.00025)	ND (0.000261)	ND (0.000242)	ND (0.000256)	-	ND (0.00029)	ND (0.00024)	-	ND (0.000235)	ND (0.000241)	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.000482) J	ND (0.000482) J	ND (0.000484)	ND (0.000549)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.000482)	ND (0.000482)	ND (0.000484)	ND (0.000549)
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.000254)	-	0.000085 J	ND (0.00025)	ND (0.000261)	0.000052 J	ND (0.000256)	-	ND (0.00029)	ND (0.00024)	-	ND (0.000235)	ND (0.000241)	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.000254)	-	ND (0.000273)	ND (0.00025)	ND (0.000261)	0.000078 J	ND (0.000256)	-	ND (0.00029)	ND (0.00024)	-	ND (0.000235)	ND (0.000241)	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorohexanoic acid (PFHxA)	NA	NA	0.000114 J	-	0.000061 J	0.000053 J	ND (0.000522)	0.000057 J	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	0.000052 J	ND (0.000482) J	ND (0.000484)	ND (0.000549)
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.000254)	-	ND (0.000273)	ND (0.00025)	ND (0.000261)	ND (0.000242)	0.000094 J	-	ND (0.00029)	ND (0.00024)	-	ND (0.000235)	ND (0.000241)	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.000509)	-	ND (0.000545) J	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511) J	-	ND (0.000581) J	ND (0.00048) J	-	ND (0.000471) J	ND (0.000482)	ND (0.000482) J	ND (0.000484)	ND (0.000549)
Perfluorooctanesulfonic acid (PFOS)	NA	0.00088*	ND (0.000254)	-	0.00105	ND (0.00025)	ND (0.000261)	0.0045 J	0.0115	-	ND (0.00029)	0.000164 J	-	0.00024	0.00164	ND (0.000241) J	ND (0.000242)	ND (0.000274)
Perfluorooctanoic acid (PFOA)	NA	0.00066*	0.000057 J	-	0.000285 J	ND (0.00025)	ND (0.000261)	0.000351 J	0.000078 J	-	0.000058 J	0.000054 J	-	0.0002 J	0.000069 J	0.000062 J	ND (0.000242)	0.000232 J
Perfluoropentanoic acid (PFPeA)	NA	NA	0.000074 J	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	0.000073 J	0.000063 J	ND (0.000482) J	ND (0.000484)	ND (0.000549)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499) J	ND (0.000522)	ND (0.000484)	ND (0.000511) J	-	ND (0.000581)	ND (0.00048) J	-	0.000471 R	ND (0.00165) J	ND (0.00152) J	ND (0.000484)	ND (0.000549) J
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499) J	ND (0.000522)	ND (0.000484)	ND (0.000511) J	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.00165) J	ND (0.00152) J	ND (0.000484)	ND (0.000549)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.000509)	-	ND (0.000545)	ND (0.000499)	ND (0.000522)	ND (0.000484)	ND (0.000511)	-	ND (0.000581)	ND (0.00048)	-	ND (0.000471)	ND (0.000482) J	ND (0.000482) J	ND (0.000484)	ND (0.000549)
US EPA PFAS (PFOS + PFOA)	NA	NA	0.000057 J	-	0.00134	ND (0.00025)	ND (0.000261)	0.00485	0.0116 J	-	0.000058 J	0.000218 J	-	0.00044 J	0.00171 J	0.000062 J	ND (0.000242)	0.000232 J

Notes:

mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J-: Value is estimated, low bias
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives
*- * Indicates shaded values are an exceedance of the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).*

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-41 EP-41_4-4.5 06/02/2022 L2229004-04 4 - 4.5 (ft)	EP-42 EP-42_4-4.5 06/02/2022 L2229004-05 4 - 4.5 (ft)	EP-43 EP-43_4-4.5 06/09/2022 L2230675-06 4 - 4.5 (ft)	EP-44 EP-44_4-4.5 06/09/2022 L2230675-07 4 - 4.5 (ft)	EP-44 EP-44_6-6.5 06/21/2022 L2232944-10 6 - 6.5 (ft)	EP-45 EP-45_4-4.5 06/09/2022 L2230675-08 4 - 4.5 (ft)	EP-46 EP-46_4.0-4.5 06/15/2022 L2231881-01 4 - 4.5 (ft)	EP-46 DUP03_20220615 06/15/2022 L2231881-02 4 - 4.5 (ft)	EP-46 EP-46_6-6.5 06/29/2022 L2234540-03 6 - 6.5 (ft)	EP-46 EP-46_8-8.5 07/06/2022 L2235837-01 8 - 8.5 (ft)
Volatile Organic Compounds (mg/kg)												
1,1,1,2-Tetrachloroethane	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
1,1,1-Trichloroethane	0.68	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054)	ND (0.00053)	-	-
1,1,2,2-Tetrachloroethane	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
1,1,2-Trichloroethane	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
1,1-Dichloroethane	0.27	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	-	-
1,1-Dichloroethene	0.33	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011) J	-	-
1,1-Dichloropropene	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054)	ND (0.00053)	-	-
1,2,3-Trichlorobenzene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	0.0022 R	ND (0.0021)	-	-
1,2,3-Trichloropropane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,2,4,5-Tetramethylbenzene	NA	NA	ND (0.0028) J	ND (0.0019) J	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	0.0022 R	ND (0.0021)	-	-
1,2,4-Trimethylbenzene	3.6	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	ND (0.0042)	ND (0.0028)	ND (0.003)	ND (0.0031)	-	ND (0.0032)	ND (0.0033) J	ND (0.0032)	-	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
1,2-Dichlorobenzene	1.1	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,2-Dichloroethane	0.02	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
1,2-Dichloroethene (total)	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	-	-
1,2-Dichloropropane	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	-	-
1,3,5-Trimethylbenzene	8.4	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,3-Dichlorobenzene	2.4	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,3-Dichloropropane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,3-Dichloropropene	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054)	ND (0.00053)	-	-
1,4-Dichlorobenzene	1.8	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,4-Diethylbenzene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
1,4-Dioxane	0.1	NA	ND (0.11)	ND (0.075)	ND (0.08)	ND (0.083)	-	ND (0.086)	ND (0.087)	ND (0.085)	-	-
2,2-Dichloropropane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002) J	ND (0.0021) J	-	ND (0.0022) J	ND (0.0022)	ND (0.0021)	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.011)	-	-
2-Chlorotoluene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	ND (0.014)	ND (0.0094)	ND (0.01) J	ND (0.01) J	-	ND (0.011) J	ND (0.011) J	ND (0.011)	-	-
2-Phenylbutane (sec-Butylbenzene)	11	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
4-Chlorotoluene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.011)	-	-
Acetone	0.05	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.011)	-	-
Acrylonitrile	NA	NA	ND (0.0056)	ND (0.0037)	ND (0.004)	ND (0.0041)	-	ND (0.0043)	ND (0.0044)	ND (0.0042)	-	-
Benzene	0.06	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054)	ND (0.00053)	-	-
Bromobenzene	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
Bromodichloromethane	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
Bromoform	NA	NA	ND (0.0056)	ND (0.0037)	ND (0.004)	ND (0.0041)	-	ND (0.0043)	ND (0.0044) J	ND (0.0042)	-	-
Bromomethane (Methyl Bromide)	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021) J	-	-
Carbon disulfide	NA	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	ND (0.011) J	ND (0.011) J	-	-
Carbon tetrachloride	0.76	NA	ND (0.0014)	ND (0.00094)	ND (0.001) J	ND (0.001) J	-	ND (0.0011) J	ND (0.0011)	ND (0.0011)	-	-
Chlorobenzene	1.1	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
Chlorobromomethane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
Chloroethane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021) J	-	-
Chloroform (Trichloromethane)	0.37	NA	ND (0.0021)	ND (0.0014)	ND (0.0015)	ND (0.0016)	-	ND (0.0016)	ND (0.0016) J	ND (0.0016)	-	-
Chloromethane (Methyl Chloride)	NA	NA	ND (0.0056)	ND (0.0037)	ND (0.004)	ND (0.0041)	-	ND (0.0043)	ND (0.0044)	ND (0.0042)	-	-
cis-1,2-Dichloroethene	0.25	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
cis-1,3-Dichloropropene	NA	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
Cymene (p-Isopropyltoluene)	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
Dibromochloromethane	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
Dibromomethane	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
Dichlorodifluoromethane (CFC-12)	NA	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	ND (0.011)	ND (0.011)	-	-
Ethyl Ether	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021) J	-	-
Ethylbenzene	1	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
Hexachlorobutadiene	NA	NA	ND (0.0056)	ND (0.0037)	ND (0.004)	ND (0.0041)	-	ND (0.0043)	0.0044 R	ND (0.0042)	-	-
Isopropylbenzene (Cumene)	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
m,p-Xylenes	NA	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
Methyl Tert Butyl Ether (MTBE)	0.93	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022)	ND (0.0021)	-	-
Methylene chloride (Dichloromethane)	0.05	NA	ND (0.007)	ND (0.0047)	ND (0.005)	ND (0.0052)	-	ND (0.0054)	ND (0.0054) J	ND (0.0053)	-	-
Naphthalene	12	NA	ND (0.0056)	ND (0.0037)	ND (0.004)	ND (0.0041)	-	ND (0.0043)	0.0044 R	ND (0.0042)	-	-
n-Butylbenzene	12	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
n-Propylbenzene	3.9	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-41 EP-41_4-4.5 06/02/2022 L2229004-04 4 - 4.5 (ft)	EP-42 EP-42_4-4.5 06/02/2022 L2229004-05 4 - 4.5 (ft)	EP-43 EP-43_4-4.5 06/09/2022 L2230675-06 4 - 4.5 (ft)	EP-44 EP-44_4-4.5 06/09/2022 L2230675-07 4 - 4.5 (ft)	EP-44 EP-44_6-6.5 06/21/2022 L2232944-10 6 - 6.5 (ft)	EP-45 EP-45_4-4.5 06/09/2022 L2230675-08 4 - 4.5 (ft)	EP-46 EP-46_4.0-4.5 06/15/2022 L2231881-01 4 - 4.5 (ft)	EP-46 DUP03_20220615 06/15/2022 L2231881-02 4 - 4.5 (ft)	EP-46 EP-46_6-6.5 06/29/2022 L2234540-03 6 - 6.5 (ft)	EP-46 EP-46_8-8.5 07/06/2022 L2235837-01 8 - 8.5 (ft)
o-Xylene	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
Styrene	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
tert-Butylbenzene	5.9	NA	ND (0.0028)	ND (0.0019)	ND (0.002)	ND (0.0021)	-	ND (0.0022)	ND (0.0022) J	ND (0.0021)	-	-
Tetrachloroethene	1.3	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
Toluene	0.7	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
trans-1,2-Dichloroethene	0.19	NA	ND (0.0021)	ND (0.0014)	ND (0.0015)	ND (0.0016)	-	ND (0.0016)	ND (0.0016) J	ND (0.0016)	-	-
trans-1,3-Dichloropropene	NA	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011)	-	-
trans-1,4-Dichloro-2-butene	NA	NA	ND (0.007)	ND (0.0047)	ND (0.005)	ND (0.0052)	-	ND (0.0054)	ND (0.0054) J	ND (0.0053)	-	-
Trichloroethene	0.47	NA	ND (0.0007)	ND (0.00047)	ND (0.0005)	ND (0.00052)	-	ND (0.00054)	ND (0.00054) J	ND (0.00053)	-	-
Trichlorofluoromethane (CFC-11)	NA	NA	ND (0.0056)	ND (0.0037)	ND (0.004) J	ND (0.0041) J	-	ND (0.0043) J	ND (0.0044) J	ND (0.0042) J	-	-
Vinyl acetate	NA	NA	ND (0.014)	ND (0.0094)	ND (0.01)	ND (0.01)	-	ND (0.011)	0.011 R	ND (0.011)	-	-
Vinyl chloride	0.02	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011) J	ND (0.0011) J	-	-
Xylene (total)	0.26	NA	ND (0.0014)	ND (0.00094)	ND (0.001)	ND (0.001)	-	ND (0.0011)	ND (0.0011)	ND (0.0011)	-	-
Semi-Volatile Organic Compounds (mg/kg)												
1,2,4,5-Tetrachlorobenzene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
1,2,4-Trichlorobenzene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
1,2-Dichlorobenzene	1.1	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
1,3-Dichlorobenzene	2.4	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
1,4-Dichlorobenzene	1.8	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
1,4-Dioxane	0.1	NA	ND (0.034)	ND (0.027)	ND (0.026)	ND (0.027)	-	ND (0.026)	ND (0.13)	ND (0.026)	-	-
2,2'-oxybis(1-Chloropropane)	NA	NA	ND (0.27)	ND (0.22)	ND (0.2)	ND (0.22)	-	ND (0.21)	ND (1)	ND (0.21)	-	-
2,4,5-Trichlorophenol	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2,4,6-Trichlorophenol	NA	NA	ND (0.13)	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	ND (0.52)	ND (0.1)	-	-
2,4-Dichlorophenol	NA	NA	ND (0.2)	ND (0.16)	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.79)	ND (0.16)	-	-
2,4-Dimethylphenol	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2,4-Dinitrophenol	NA	NA	ND (1.1)	ND (0.86)	ND (0.82)	ND (0.86)	-	ND (0.85)	ND (4.2)	ND (0.85)	-	-
2,4-Dinitrotoluene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2,6-Dinitrotoluene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2-Chloronaphthalene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2-Chlorophenol	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2-Methylnaphthalene	NA	NA	ND (0.27)	ND (0.22)	ND (0.2)	ND (0.22)	-	ND (0.21)	ND (1)	0.048 J	-	-
2-Methylphenol (o-Cresol)	0.33	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2-Nitroaniline	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
2-Nitrophenol	NA	NA	ND (0.48)	ND (0.39)	ND (0.37)	ND (0.39)	-	ND (0.38)	ND (1.9)	ND (0.38)	-	-
3&4-Methylphenol	NA	NA	ND (0.32)	ND (0.26)	ND (0.24)	ND (0.26)	-	ND (0.25)	ND (1.3)	ND (0.25)	-	-
3,3'-Dichlorobenzidine	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
3-Nitroaniline	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.58)	ND (0.47)	ND (0.44)	ND (0.47)	-	ND (0.46)	ND (2.3)	ND (0.46)	-	-
4-Bromophenyl phenyl ether	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4-Chloro-3-methylphenol	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4-Chloroaniline	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4-Chlorophenyl phenyl ether	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4-Nitroaniline	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
4-Nitrophenol	NA	NA	ND (0.31)	ND (0.25)	ND (0.24)	ND (0.25)	-	ND (0.25)	ND (1.2)	ND (0.25)	-	-
Acenaphthene	20	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.7)	0.047 J	-	-
Acenaphthylene	100	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.7)	0.072 J	-	-
Acetophenone	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Anthracene	100	NA	ND (0.13)	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	ND (0.52)	0.17	-	-
Benzo(a)anthracene	1	NA	0.038 J	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	0.49 J	0.57	-	-
Benzo(a)pyrene	1	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	0.53 J	0.66	-	-
Benzo(b)fluoranthene	1	NA	0.058 J	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	0.7	0.76	-	-
Benzo(g,h,i)perylene	100	NA	0.042 J	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	0.34 J	0.4	-	-
Benzo(k)fluoranthene	0.8	NA	ND (0.13)	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	0.21 J	0.28	-	-
Benzoic acid	NA	NA	ND (0.73)	ND (0.58)	ND (0.55)	ND (0.58)	-	ND (0.57)	2.8 R	ND (0.57)	-	-
Benzyl Alcohol	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Biphenyl	NA	NA	ND (0.51)	ND (0.41)	ND (0.39)	ND (0.41)	-	ND (0.4)	ND (2)	ND (0.4)	-	-
bis(2-Chloroethoxy)methane	NA	NA	ND (0.24)	ND (0.19)	ND (0.18)	ND (0.19)	-	ND (0.19)	ND (0.94)	ND (0.19)	-	-
bis(2-Chloroethyl)ether	NA	NA	ND (0.2)	ND (0.16)	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.79)	ND (0.16)	-	-
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.24	-	-
Butyl benzylphthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.065 J	-	-
Carbazole	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.083 J	-	-
Chrysene	1	NA	0.04 J	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	0.56	0.53	-	-
Dibenz(a,h)anthracene	0.33	NA	ND (0.13)	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	ND (0.52)	0.094 J	-	-

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-41 EP-41_4-4.5 06/02/2022 L2229004-04 4 - 4.5 (ft)	EP-42 EP-42_4-4.5 06/02/2022 L2229004-05 4 - 4.5 (ft)	EP-43 EP-43_4-4.5 06/09/2022 L2230675-06 4 - 4.5 (ft)	EP-44 EP-44_4-4.5 06/09/2022 L2230675-07 4 - 4.5 (ft)	EP-44 EP-44_6-6.5 06/21/2022 L2232944-10 6 - 6.5 (ft)	EP-45 EP-45_4-4.5 06/09/2022 L2230675-08 4 - 4.5 (ft)	EP-46 EP-46_4.0-4.5 06/15/2022 L2231881-01 4 - 4.5 (ft)	EP-46 DUP03_20220615 06/15/2022 L2231881-02 4 - 4.5 (ft)	EP-46 EP-46_6-6.5 06/29/2022 L2234540-03 6 - 6.5 (ft)	EP-46 EP-46_8-8.5 07/06/2022 L2235837-01 8 - 8.5 (ft)
Dibenzofuran	7	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.04 J	-	-
Diethyl phthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Dimethyl phthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Di-n-butylphthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Di-n-octyl phthalate	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Fluoranthene	100	NA	0.063 J	ND (0.11)	ND (0.1)	0.023 J	-	ND (0.1)	1.3	1.3	-	-
Fluorene	30	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.06 J	-	-
Hexachlorobenzene	0.33	NA	ND (0.13)	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	ND (0.52)	ND (0.1)	-	-
Hexachlorobutadiene	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Hexachlorocyclopentadiene	NA	NA	ND (0.64)	ND (0.51)	ND (0.49)	ND (0.51)	-	ND (0.5)	ND (2.5)	ND (0.5)	-	-
Hexachloroethane	NA	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.7)	ND (0.14)	-	-
Indeno(1,2,3-cd)pyrene	0.5	NA	0.044 J	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	0.38 J	0.48	-	-
Isophorone	NA	NA	ND (0.2)	ND (0.16)	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.79)	ND (0.16)	-	-
Naphthalene	12	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	0.054 J	-	-
Nitrobenzene	NA	NA	ND (0.2)	ND (0.16)	ND (0.15)	ND (0.16)	-	ND (0.16)	ND (0.79)	ND (0.16)	-	-
N-Nitrosodi-n-propylamine	NA	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
N-Nitrosodiphenylamine	NA	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.7)	ND (0.14)	-	-
Pentachlorophenol	0.8	NA	ND (0.18)	ND (0.14)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.7)	ND (0.14)	-	-
Phenanthrene	100	NA	0.036 J	ND (0.11)	ND (0.1)	ND (0.11)	-	ND (0.1)	0.76	0.6	-	-
Phenol	0.33	NA	ND (0.22)	ND (0.18)	ND (0.17)	ND (0.18)	-	ND (0.18)	ND (0.88)	ND (0.18)	-	-
Pyrene	100	NA	0.061 J	ND (0.11)	ND (0.1)	0.022 J	-	ND (0.1)	1.1	1.1	-	-
Inorganic Compounds (mg/kg)												
Aluminum	NA	NA	6160	4270	2130	4720	-	5080	5050	4400	-	-
Antimony	NA	NA	ND (5.22)	ND (4.28)	ND (4.15)	15.2	-	ND (4.04)	0.337 J	ND (4.02)	-	-
Arsenic	13	NA	2.51	1.68	0.44 J	2.4	-	1.98	3.46	3.14	-	-
Barium	350	NA	28	18.9	17.3	29.8	-	24.5	50.8	39.9	-	-
Beryllium	7.2	NA	0.313 J	0.248 J	0.083 J	0.195 J	-	0.202 J	0.244 J	0.217 J	-	-
Cadmium	2.5	NA	0.313 J	0.394 J	ND (0.83)	0.865	-	0.63 J	0.894	0.845	-	-
Calcium	NA	NA	1000	537	440	787	-	735	3050	1840	-	-
Chromium	NA	NA	10.5	7.5	4.85	9.17	-	7.41	11	9.45	-	-
Cobalt	NA	NA	6.14	4.15	2.32	4.6	-	4.63	5.95	5.96	-	-
Copper	50	NA	14.5	8.9	4.48	31.6	-	8.28	45.5	45.7	-	-
Iron	NA	NA	14500	10000	3820	10000	-	10600	15800	13000	-	-
Lead	63	NA	26	10.1	2.4 J	183	4.19	5.93	147	140	62.5	-
Magnesium	NA	NA	2900	1810	1080	2060	-	2540	3050	2330	-	-
Manganese	1600	NA	393	314	150	316	-	372	334	298	-	-
Mercury	0.18	NA	0.067 J	ND (0.082)	ND (0.066)	0.292	ND (0.079)	0.046 J	0.734	0.555	0.195	ND (0.068)
Nickel	30	NA	12.6	8.7	4.96	10	-	22.9	13.3	12.2	-	-
Potassium	NA	NA	580	325	294	404	-	502	509	539	-	-
Selenium	3.9	NA	ND (2.09)	ND (1.71)	ND (1.66)	ND (1.7)	-	0.21 J	ND (1.68)	0.25 J	-	-
Silver	2	NA	ND (1.04)	ND (0.856)	ND (0.83)	1.57	-	ND (0.808)	ND (0.843)	ND (0.805)	-	-
Sodium	NA	NA	ND (209)	ND (171)	53.6 J	46.6 J	-	43.7 J	46.2 J	52.2 J	-	-
Thallium	NA	NA	ND (2.09)	ND (1.71)	ND (1.66)	ND (1.7)	-	ND (1.62)	ND (1.68)	ND (1.61)	-	-
Vanadium	NA	NA	14.8	10.2	5.2	12.2	-	10.2	20.3	17.7	-	-
Zinc	109	NA	53.2	58.4	9.51	142	12.4	96	166	146	93.5	-
PCBs (mg/kg)												
Aroclor-1016 (PCB-1016)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	ND (0.034)	ND (0.035)	-	-
Aroclor-1221 (PCB-1221)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	ND (0.034)	ND (0.035)	-	-
Aroclor-1232 (PCB-1232)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	ND (0.034)	ND (0.035)	-	-
Aroclor-1242 (PCB-1242)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	ND (0.034)	ND (0.035)	-	-
Aroclor-1248 (PCB-1248)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	0.00676 J	ND (0.035)	-	-
Aroclor-1254 (PCB-1254)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	0.0141 J	ND (0.035)	-	-
Aroclor-1260 (PCB-1260)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	0.014 J	0.0205 J	-	-
Aroclor-1262 (PCB-1262)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	ND (0.034)	ND (0.035)	-	-
Aroclor-1268 (PCB-1268)	NA	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	0.00729 J	0.0155 J	-	-
Total PCBs	0.1	NA	ND (0.043)	ND (0.0361)	ND (0.0328)	ND (0.0352)	-	ND (0.0358)	0.04944 J	0.0405 J	-	-
Other												
Total Solids (%)	NA		74	91.2	95.6	90.6	89	92.8	94	93.9	76.9	92

TABLE V
REMEDIAL PERFORMANCE/DOCUMENTATION ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NY

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Proposed NYSDEC Part 375 Unrestricted Use Guidance Values	EP-41 EP-41_4-4.5 06/02/2022 L2229004-04 4 - 4.5 (ft)	EP-42 EP-42_4-4.5 06/02/2022 L2229004-05 4 - 4.5 (ft)	EP-43 EP-43_4-4.5 06/09/2022 L2230675-06 4 - 4.5 (ft)	EP-44 EP-44_4-4.5 06/09/2022 L2230675-07 4 - 4.5 (ft)	EP-44 EP-44_6-6.5 06/21/2022 L2232944-10 6 - 6.5 (ft)	EP-45 EP-45_4-4.5 06/09/2022 L2230675-08 4 - 4.5 (ft)	EP-46 EP-46_4.0-4.5 06/15/2022 L2231881-01 4 - 4.5 (ft)	EP-46 DUP03_20220615 06/15/2022 L2231881-02 4 - 4.5 (ft)	EP-46 EP-46_6-6.5 06/29/2022 L2234540-03 6 - 6.5 (ft)	EP-46 EP-46_8-8.5 07/06/2022 L2235837-01 8 - 8.5 (ft)
Pesticides (mg/kg)												
4,4'-DDD	0.0033	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	0.000645 J	-	-
4,4'-DDE	0.0033	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	0.000808 J	-	-
4,4'-DDT	0.0033	NA	ND (0.004)	ND (0.00325)	ND (0.003)	ND (0.00323)	-	ND (0.00311)	0.0032 J	ND (0.00165)	-	-
Aldrin	0.005	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
alpha-BHC	0.02	NA	ND (0.000888)	ND (0.000722)	ND (0.000668)	ND (0.000718)	-	ND (0.000692)	ND (0.000698)	ND (0.000689)	-	-
alpha-Chlordane	0.094	NA	ND (0.00266)	ND (0.00216)	ND (0.002)	ND (0.00216)	-	ND (0.00207)	ND (0.00209)	ND (0.00207)	-	-
beta-BHC	0.036	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
Chlordane	NA	NA	ND (0.0178)	ND (0.0144)	ND (0.0134)	ND (0.0144)	-	ND (0.0138)	ND (0.014)	ND (0.0138)	-	-
delta-BHC	0.04	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
Dieldrin	0.005	NA	ND (0.00133)	ND (0.00108)	ND (0.001)	ND (0.00108)	-	ND (0.00104)	ND (0.00105)	ND (0.00103)	-	-
Endosulfan I	2.4	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
Endosulfan II	2.4	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
Endosulfan sulfate	2.4	NA	ND (0.000888)	ND (0.000722)	ND (0.000668)	ND (0.000718)	-	ND (0.000692)	ND (0.000698)	ND (0.000689)	-	-
Endrin	0.014	NA	ND (0.000888)	ND (0.000722)	ND (0.000668)	ND (0.000718)	-	ND (0.000692)	ND (0.000698)	ND (0.000689)	-	-
Endrin aldehyde	NA	NA	ND (0.00266)	ND (0.00216)	ND (0.002)	ND (0.00216)	-	ND (0.00207)	ND (0.00209)	ND (0.00207)	-	-
Endrin ketone	NA	NA	ND (0.00213)	ND (0.00173)	ND (0.0016)	ND (0.00172)	-	ND (0.00166)	ND (0.00167)	ND (0.00165)	-	-
gamma-BHC (Lindane)	0.1	NA	ND (0.000888)	ND (0.000722)	ND (0.000668)	ND (0.000718)	-	ND (0.000692)	ND (0.000698)	ND (0.000689)	-	-
gamma-Chlordane	NA	NA	ND (0.00266)	ND (0.00216)	ND (0.002)	ND (0.00216)	-	ND (0.00207)	ND (0.00209)	ND (0.00207)	-	-
Heptachlor	0.042	NA	ND (0.00106)	ND (0.000866)	ND (0.000802)	ND (0.000862)	-	ND (0.00083)	ND (0.000837)	ND (0.000827)	-	-
Heptachlor epoxide	NA	NA	ND (0.004)	ND (0.00325)	ND (0.003)	ND (0.00323)	-	ND (0.00311)	ND (0.00314)	ND (0.0031)	-	-
Methoxychlor	NA	NA	ND (0.004)	ND (0.00325)	ND (0.003)	ND (0.00323)	-	ND (0.00311)	ND (0.00314)	ND (0.0031)	-	-
Toxaphene	NA	NA	ND (0.04)	ND (0.0325)	ND (0.03)	ND (0.0323)	-	ND (0.0311)	ND (0.0314)	ND (0.031)	-	-
PFAS (mg/kg)												
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506) J	ND (0.000533) J	-	ND (0.000484) J	ND (0.000481)	ND (0.000513)	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	ND (0.000627) J	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484) J	ND (0.000481)	ND (0.000513)	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA	NA	NA	ND (0.000627) J	ND (0.0005) J	ND (0.000506)	ND (0.000533) J	-	ND (0.000484) J	ND (0.000481)	ND (0.000513)	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	ND (0.000314)	ND (0.00025)	ND (0.000253)	ND (0.000267)	-	ND (0.000242)	ND (0.000241)	ND (0.000257)	-	-
Perfluorobutanoic acid (PFBA)	NA	NA	ND (0.000627) J	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	ND (0.000627)	ND (0.0005)	ND (0.000506) J	ND (0.000533) J	-	ND (0.000484) J	ND (0.000481)	ND (0.000513)	-	-
Perfluorodecanoic acid (PFDA)	NA	NA	ND (0.000314)	ND (0.00025) J	ND (0.000253)	ND (0.000267)	-	ND (0.000242)	ND (0.000241)	ND (0.000257)	-	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	ND (0.000627)	ND (0.0005)	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	ND (0.000314)	ND (0.00025) J	ND (0.000253)	ND (0.000267)	-	ND (0.000242)	ND (0.000241)	ND (0.000257)	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	ND (0.000314)	ND (0.00025)	ND (0.000253)	ND (0.000267)	-	ND (0.000242)	ND (0.000241)	ND (0.000257)	-	-
Perfluorohexanoic acid (PFHxA)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluorononanoic acid (PFNA)	NA	NA	ND (0.000314)	ND (0.00025) J	ND (0.000253)	ND (0.000267)	-	ND (0.000242)	ND (0.000241)	ND (0.000257)	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluorooctanesulfonic acid (PFOS)	NA	0.00088*	ND (0.000314)	0.000188 J	ND (0.000253)	0.000358	-	0.000862	0.000422	0.000474	-	-
Perfluorooctanoic acid (PFOA)	NA	0.00066*	ND (0.000314)	0.000055 J	ND (0.000253)	0.00023 J	-	0.000348 J	0.000092 J	0.000092 J	-	-
Perfluoropentanoic acid (PFPeA)	NA	NA	ND (0.000627) J	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	ND (0.000627) J	0.00198 R	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	ND (0.000627)	ND (0.00198) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	ND (0.000627)	ND (0.0005) J	ND (0.000506)	ND (0.000533)	-	ND (0.000484)	ND (0.000481)	ND (0.000513)	-	-
US EPA PFAS (PFOS + PFOA)	NA	NA	ND (0.000314)	0.000243 J	ND (0.000253)	0.000588 J	-	0.00121	0.000514 J	0.000566 J	-	-

Notes:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
J-: Value is estimated, low bias
J+: Value is estimated, high bias
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives
*- * Indicates shaded values are an exceedance of the proposed Unrestricted Use Guidance Values included in the June 2021 NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).*

TABLE VI

TANK IDENTIFICATION AND LIQUID WASTE DISPOSAL SUMMARY

FORMER MILL SANITARY WIPING CLOTH SITE

40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Tank ID	AST/UST	Date Identified	Volume (Gal)	Contents	Liquid Waste Disposed (Gal)	Date Removed
AST-001	AST	9/2/2021	550	Fuel Oil/Water	15	5/13/2022
UST-001	UST	5/17/2022	550	Fuel Oil	20	5/20/2022
UST-002	UST	6/1/2022	550	Fuel Oil	7.5	6/3/2022
UST-003	UST	6/3/2022	550	Hydraulic Oil	7.5	6/9/2022
UST-004	UST	6/3/2022	550	Hydraulic Oil	0	6/9/2022

TABLE VII
TANK ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Location Name		BS-001-01	BS-001-01	BS-001-02	BS-001-02	BS-002-01	BS-002-02	BS-003-01	BS-003-02
Sample Name	NY Part 375	BS-001-1_8-8.5	BS-001-01_10-10.5	BS-001-2_8-8.5	BS-001-02_10-10.5	BS-002-01_5-5.5	BS-002-02_5-5.5	BS-003-01_8-8.5	BS-003-02_8-8.5
Sample Date	Unrestricted Use	05/20/2022	06/03/2022	05/20/2022	06/03/2022	06/03/2022	06/03/2022	06/09/2022	06/09/2022
Sample Type	Soil Cleanup	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID	Objectives	L2226995-01	L2229316-03	L2226995-02	L2229316-04	L2229316-01	L2229316-02	L2230676-01	L2230676-02
Sample Depth (bgs)		8 - 8.5 (ft)	10 - 10.5 (ft)	8 - 8.5 (ft)	10 - 10.5 (ft)	5 - 5.5 (ft)	5 - 5.5 (ft)	8 - 8.5 (ft)	8 - 8.5 (ft)
Volatile Organic Compounds (mg/kg)									
1,1,1,2-Tetrachloroethane	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
1,1,1-Trichloroethane	0.68	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
1,1,2,2-Tetrachloroethane	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
1,1,2-Trichloroethane	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethane	0.27	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,1-Dichloroethene	0.33	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,1-Dichloropropene	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
1,2,3-Trichlorobenzene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2,3-Trichloropropane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2,4,5-Tetramethylbenzene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2,4-Trichlorobenzene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2,4-Trimethylbenzene	3.6	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2-Dibromo-3-chloropropane (DBCP)	NA	ND (0.0041)	ND (0.0031)	ND (0.0032)	ND (0.0037)	ND (0.0036)	ND (0.0036)	ND (0.0032)	ND (0.0032)
1,2-Dibromoethane (Ethylene Dibromide)	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,2-Dichlorobenzene	1.1	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,2-Dichloroethane	0.02	0.00081 J	ND (0.001)	0.00067 J	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,2-Dichloroethene (total)	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,2-Dichloropropane	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
1,3,5-Trimethylbenzene	8.4	0.00027 J	ND (0.0021)	0.00038 J	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,3-Dichlorobenzene	2.4	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,3-Dichloropropane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,3-Dichloropropene	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
1,4-Dichlorobenzene	1.8	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,4-Diethylbenzene	NA	ND (0.0027)	ND (0.0021)	0.0002 J	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
1,4-Dioxane	0.1	ND (0.11)	ND (0.082)	ND (0.086)	ND (0.098)	ND (0.095)	ND (0.097)	ND (0.087)	ND (0.087)
2,2-Dichloropropane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
2-Butanone (Methyl Ethyl Ketone)	0.12	0.054	ND (0.01)	0.025	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
2-Chlorotoluene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
2-Hexanone (Methyl Butyl Ketone)	NA	ND (0.014)	ND (0.01) J	ND (0.011)	ND (0.012) J	ND (0.012) J	ND (0.012) J	ND (0.011)	ND (0.011)
2-Phenylbutane (sec-Butylbenzene)	11	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
4-Chlorotoluene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	ND (0.0027)	ND (0.0021)	0.00064 J	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (0.014)	ND (0.01)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
Acetone	0.05	0.27	ND (0.01)	0.12	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
Acrylonitrile	NA	ND (0.0054)	ND (0.0041)	ND (0.0043)	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
Benzene	0.06	0.00033 J	ND (0.00052)	0.00052 J	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
Bromobenzene	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Bromodichloromethane	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
Bromoform	NA	ND (0.0054)	ND (0.0041)	ND (0.0043)	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
Bromomethane (Methyl Bromide)	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Carbon disulfide	NA	ND (0.014)	ND (0.01)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
Carbon tetrachloride	0.76	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Chlorobenzene	1.1	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
Chlorobromomethane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Chloroethane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Chloroform (Trichloromethane)	0.37	ND (0.002)	ND (0.0015)	ND (0.0016)	ND (0.0018)	ND (0.0018)	ND (0.0018)	ND (0.0016)	ND (0.0016)
Chloromethane (Methyl Chloride)	NA	ND (0.0054)	ND (0.0041)	ND (0.0043)	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
cis-1,2-Dichloroethene	0.25	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
cis-1,3-Dichloropropene	NA	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
Cymene (p-Isopropyltoluene)	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Dibromochloromethane	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Dibromomethane	NA	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Dichlorodifluoromethane (CFC-12)	NA	ND (0.014)	ND (0.01)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
Ethyl Ether	NA	0.0045	ND (0.0021)	0.0038	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Ethylbenzene	1	ND (0.0014)	ND (0.001)	0.00049 J	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Hexachlorobutadiene	NA	ND (0.0054)	ND (0.0041)	ND (0.0043)	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
Isopropylbenzene (Cumene)	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
m,p-Xylenes	NA	ND (0.0027)	ND (0.0021)	0.0021 J	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Methyl Tert Butyl Ether (MTBE)	0.93	0.13	ND (0.0021)	0.095	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Methylene chloride (Dichloromethane)	0.05	ND (0.0068)	ND (0.0052)	ND (0.0054)	ND (0.0061)	ND (0.0059)	ND (0.006)	ND (0.0054)	ND (0.0054)
Naphthalene	12	ND (0.0054)	ND (0.0041)	0.0013 J	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
n-Butylbenzene	12	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
n-Propylbenzene	3.9	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
o-Xylene	NA	0.0013 J	ND (0.001)	0.0018	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Styrene	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
tert-Butylbenzene	5.9	ND (0.0027)	ND (0.0021)	ND (0.0022)	ND (0.0024)	ND (0.0024)	ND (0.0024)	ND (0.0022)	ND (0.0022)
Tetrachloroethene	1.3	ND (0.00068)	ND (0.00052)	0.00035 J	ND (0.00061)	0.00064	0.00062	ND (0.00054)	ND (0.00054)
Toluene	0.7	0.001 J	ND (0.001)	0.0018	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
trans-1,2-Dichloroethene	0.19	ND (0.002)	ND (0.0015)	ND (0.0016)	ND (0.0018)	ND (0.0018)	ND (0.0018)	ND (0.0016)	ND (0.0016)
trans-1,3-Dichloropropene	NA	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
trans-1,4-Dichloro-2-butene	NA	ND (0.0068)	ND (0.0052)	ND (0.0054)	ND (0.0061)	ND (0.0059)	ND (0.006)	ND (0.0054)	ND (0.0054)
Trichloroethene	0.47	ND (0.00068)	ND (0.00052)	ND (0.00054)	ND (0.00061)	ND (0.00059)	ND (0.0006)	ND (0.00054)	ND (0.00054)
Trichlorofluoromethane (CFC-11)	NA	ND (0.0054) J	ND (0.0041)	ND (0.0043) J	ND (0.0049)	ND (0.0047)	ND (0.0048)	ND (0.0043)	ND (0.0043)
Vinyl acetate	NA	ND (0.014)	ND (0.01)	ND (0.011)	ND (0.012)	ND (0.012)	ND (0.012)	ND (0.011)	ND (0.011)
Vinyl chloride	0.02	ND (0.0014)	ND (0.001)	ND (0.0011)	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Xylene (total)	0.26	0.0013 J	ND (0.001)	0.0039 J	ND (0.0012)	ND (0.0012)	ND (0.0012)	ND (0.0011)	ND (0.0011)
Semi-Volatile Organic Compounds (mg/kg)									
1,2,4,5-Tetrachlorobenzene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,2,4-Trichlorobenzene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,2-Dichlorobenzene	1.1	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,3-Dichlorobenzene	2.4	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,4-Dichlorobenzene	1.8	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
1,4-Dioxane	0.1	ND (0.026)	-	ND (0.026)	-	0.028 R	0.027 R	ND (0.027)	ND (0.027)
2,2'-oxybis(1-Chloropropane)	NA	ND (0.21)	-	ND (0.21)	-	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.22)
2,4,5-Trichlorophenol	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2,4,6-Trichlorophenol	NA	ND (0.1)	-	ND (0.1)	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
2,4-Dichlorophenol	NA	ND (0.16)	-	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
2,4-Dimethylphenol	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2,4-Dinitrophenol	NA	ND (0.83)	-	ND (0.83)	-	ND (0.88)	ND (0.87)	ND (0.85)	ND (0.86)
2,4-Dinitrotoluene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2,6-Dinitrotoluene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2-Chloronaphthalene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2-Chlorophenol	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2-Methylnaphthalene	NA	ND (0.21)	-	ND (0.21)	-	ND (0.22)	ND (0.22)	ND (0.21)	ND (0.22)
2-Methylphenol (o-Cresol)	0.33	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2-Nitroaniline	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
2-Nitrophenol	NA	ND (0.37)	-	ND (0.37)	-	ND (0.4)	ND (0.39)	ND (0.38)	ND (0.39)
3&4-Methylphenol	NA	ND (0.25)	-	ND (0.25)	-	ND (0.26)	ND (0.26)	ND (0.26)	ND (0.26)
3,3'-Dichlorobenzidine	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
3-Nitroaniline	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4,6-Dinitro-2-methylphenol	NA	ND (0.45)	-	ND (0.45)	-	ND (0.48)	ND (0.47)	ND (0.46)	ND (0.47)
4-Bromophenyl phenyl ether	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4-Chloro-3-methylphenol	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4-Chloroaniline	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4-Chlorophenyl phenyl ether	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4-Nitroaniline	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
4-Nitrophenol	NA	ND (0.24)	-	ND (0.24)	-	ND (0.26)	ND (0.25)	ND (0.25)	ND (0.25)

TABLE VII
TANK ENDPOINT SAMPLING RESULTS
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Location Name		BS-001-01	BS-001-01	BS-001-02	BS-001-02	BS-002-01	BS-002-02	BS-003-01	BS-003-02
Sample Name	NY Part 375	BS-001-1_8-8.5	BS-001-01_10-10.5	BS-001-2_8-8.5	BS-001-02_10-10.5	BS-002-01_5-5.5	BS-002-02_5-5.5	BS-003-01_8-8.5	BS-003-02_8-8.5
Sample Date	Unrestricted Use	05/20/2022	06/03/2022	05/20/2022	06/03/2022	06/03/2022	06/03/2022	06/09/2022	06/09/2022
Sample Type	Soil Cleanup	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID	Objectives	L2226995-01	L2229316-03	L2226995-02	L2229316-04	L2229316-01	L2229316-02	L2230676-01	L2230676-02
Sample Depth (bgs)		8 - 8.5 (ft)	10 - 10.5 (ft)	8 - 8.5 (ft)	10 - 10.5 (ft)	5 - 5.5 (ft)	5 - 5.5 (ft)	8 - 8.5 (ft)	8 - 8.5 (ft)
Acenaphthene	20	ND (0.14)	-	0.018 J	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Acenaphthylene	100	ND (0.14)	-	ND (0.14)	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Acetophenone	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Anthracene	100	ND (0.1)	-	ND (0.1)	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzo(a)anthracene	1	ND (0.1)	-	0.078 J	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzo(a)pyrene	1	ND (0.14)	-	0.089 J	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Benzo(b)fluoranthene	1	ND (0.1)	-	0.098 J	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzo(g,h,i)perylene	100	ND (0.14)	-	0.057 J	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Benzo(k)fluoranthene	0.8	ND (0.1)	-	0.032 J	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Benzoic acid	NA	ND (0.56)	-	ND (0.56)	-	ND (0.59)	ND (0.59)	ND (0.58)	ND (0.58)
Benzyl Alcohol	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Biphenyl	NA	ND (0.39)	-	ND (0.4)	-	ND (0.42)	ND (0.41)	ND (0.4)	ND (0.41)
bis(2-Chloroethoxy)methane	NA	ND (0.19)	-	ND (0.19)	-	ND (0.2)	ND (0.2)	ND (0.19)	ND (0.19)
bis(2-Chloroethyl)ether	NA	ND (0.16)	-	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
bis(2-Ethylhexyl)phthalate	NA	ND (0.17)	-	ND (0.17)	-	0.1 J	ND (0.18)	ND (0.18)	ND (0.18)
Butyl benzylphthalate	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Carbazole	NA	ND (0.17)	-	ND (0.17)	-	0.18 R	0.18 R	ND (0.18)	ND (0.18)
Chrysene	1	ND (0.1)	-	0.07 J	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Dibenz(a,h)anthracene	0.33	ND (0.1)	-	ND (0.1)	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Dibenzofuran	7	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Diethyl phthalate	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Dimethyl phthalate	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Di-n-butylphthalate	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Di-n-octyl phthalate	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Fluoranthene	100	ND (0.1)	-	0.16	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Fluorene	30	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Hexachlorobenzene	0.33	ND (0.1)	-	ND (0.1)	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Hexachlorobutadiene	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Hexachlorocyclopentadiene	NA	ND (0.49)	-	ND (0.5)	-	0.52 R	0.52 R	ND (0.51)	ND (0.51)
Hexachloroethane	NA	ND (0.14)	-	ND (0.14)	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Indeno(1,2,3-cd)pyrene	0.5	ND (0.14)	-	0.062 J	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Isophorone	NA	ND (0.16)	-	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
Naphthalene	12	ND (0.17)	-	0.029 J	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Nitrobenzene	NA	ND (0.16)	-	ND (0.16)	-	ND (0.16)	ND (0.16)	ND (0.16)	ND (0.16)
N-Nitrosodi-n-propylamine	NA	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
N-Nitrosodiphenylamine	NA	ND (0.14)	-	ND (0.14)	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Pentachlorophenol	0.8	ND (0.14)	-	ND (0.14)	-	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)
Phenanthrene	100	ND (0.1)	-	0.11	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Phenol	0.33	ND (0.17)	-	ND (0.17)	-	ND (0.18)	ND (0.18)	ND (0.18)	ND (0.18)
Pyrene	100	ND (0.1)	-	0.13	-	ND (0.11)	ND (0.11)	ND (0.11)	ND (0.11)
Inorganic Compounds (mg/kg)									
Aluminum	NA	5110	-	3390	-	4950	4110	5650	3530
Antimony	NA	0.323 J	-	ND (4.22)	-	ND (4.31) J	ND (4.28) J	ND (4.22)	ND (4.31)
Arsenic	13	0.662 J	-	1.16	-	1.69	1.4	1.52	1.2
Barium	350	19.8	-	11.1	-	14.3	12	20.6	11.3
Beryllium	7.2	0.178 J	-	0.16 J	-	0.241 J	0.197 J	0.228 J	0.121 J
Cadmium	2.5	ND (0.807)	-	ND (0.844)	-	0.198 J	0.171 J	0.456 J	0.354 J
Calcium	NA	1300	-	348	-	507	381	ND (401)	ND (346)
Chromium	NA	8.36	-	4.74	-	6.63	5.94	7.18	4.68
Cobalt	NA	4.16	-	2.97	-	4.33	3.61	3.95	3.17
Copper	50	7.21	-	5.48	-	7.33	5.94	7.32	4.97
Iron	NA	7520	-	5940	-	11000	9480	10500	6350
Lead	63	8.56	-	6.73	-	4.61	3.59 J	4.15 J	3.8 J
Magnesium	NA	2250	-	1450	-	2210	1860	2460	1960
Manganese	1600	178	-	203	-	277	207	288	257
Mercury	0.18	ND (0.066)	-	ND (0.067)	-	ND (0.081)	ND (0.092)	ND (0.068)	ND (0.068)
Nickel	30	7.91	-	5.56	-	8.7	7.17	8.42	6.83
Potassium	NA	745	-	306	-	468	341	571	330
Selenium	3.9	ND (1.61)	-	ND (1.69)	-	ND (1.72)	ND (1.71)	ND (1.69)	ND (1.72)
Silver	2	ND (0.807)	-	ND (0.844)	-	ND (0.861)	ND (0.857)	ND (0.844)	ND (0.863)
Sodium	NA	54.3 J	-	61.4 J	-	94.6 J	110 J	80 J	38.1 J
Thallium	NA	ND (1.61)	-	ND (1.69)	-	ND (1.72)	ND (1.71)	ND (1.69)	ND (1.72)
Vanadium	NA	11.3	-	8.42	-	9.83	8.64	10.5	6.68
Zinc	109	20	-	12	-	24.5	19.4	24.6	15.8
Other									
Total Solids (%)	NA	95.2	93.5	93.3	93.4	89.5	90.9	92.9	91.9

Notes:
mg/kg: milligram per kilogram
-: Not Analyzed
bgs: below ground surface
ft: feet
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Shaded values indicate an exceedance of the Unrestricted Use Soil Cleanup Objectives

TABLE VIII
IMPORTED MATERIAL QUANTITIES AND SOURCES
FORMER MILL SANITARY WIPING CLOTH SITE
40 BRUCKNER BOULEVARD, BRONX, NEW YORK

Source (Quarry)	Mine Certification	Supplier	Material Type	Quantity Imported (tons)
Mount Hope Quarry, 625 Mount Hope Rd, Wharton, NJ 07885	004851	Tilcon New York Inc.	2 1/2" clean stone	173.85
			5/8'' clean stone	24.6
			3/4" clean stone	377.17
			Total	575.62

FIGURES

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_09_200734\200734_001_0001_PROJECT_LOCUS.mxd — USER: hwachholz — LAST SAVED: 9/29/2022 10:39:51 PM

HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

PROJECT LOCUS

MAP SOURCE: USGS
SITE COORDINATES: 73°55'38"W 40°48'23"N

APPROXIMATE SCALE: 1 IN = 2000 FT
SEPTEMBER 2022

FIGURE 1

LEGEND

PARCEL BOUNDARY

SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING

3. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

SITE PLAN

SEPTEMBER 2022

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_09_220734\220734_000_0002_SITE_PLAN.mxd — USER: hwachholz — LAST SAVED: 9/30/2022 2:04:11 PM

LEGEND

- WASTE CHARACTERIZATION BORING LOCATION
- WASTE CHARACTERIZATION BORING/LEAD DELINEATION SAMPLE LOCATION
- LEAD DELINEATION
- WASTE CLASSIFICATION GRID BOUNDARY
- PARCEL BOUNDARY
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
3. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

N

0 40 80

SCALE IN FEET

STAMP:

STATE OF NEW YORK
SCOTT ANDREW UNDERHILL
075332
LICENSED PROFESSIONAL ENGINEER

19 DECEMBER 2022

HALEY ALDRICH

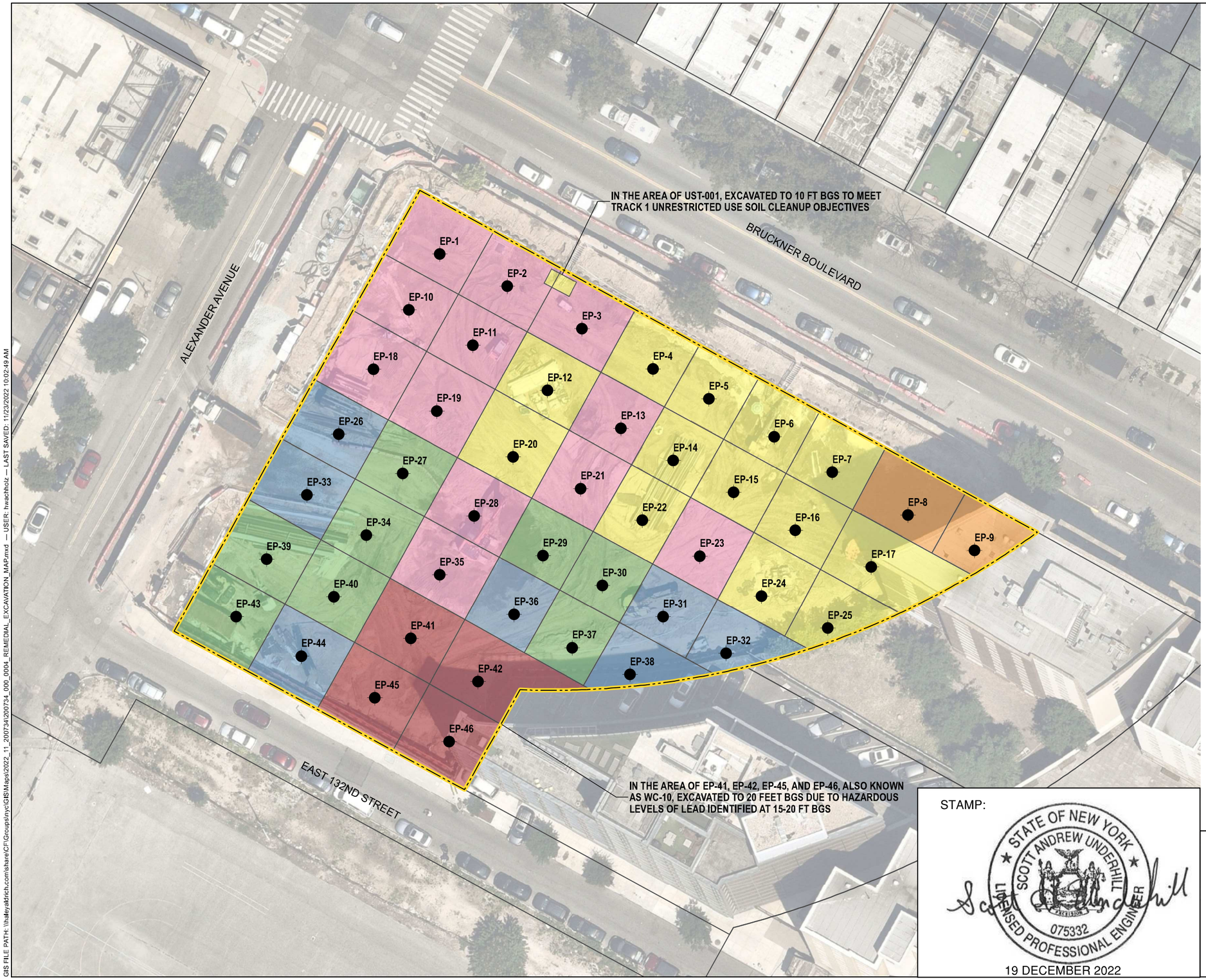
40 BRUCKNER BOULEVARD
BRONX, NEW YORK

WASTE CHARACTERIZATION SAMPLE MAP

DECEMBER 2022

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_09_200734\200734_000_0003_WASTE_CHARACTERIZATION_SAMPLE_MAP.mxd — USER: hwachholz — LAST SAVED: 10/11/2022 7:10:36 PM



LEGEND

- ENDPOINT SAMPLE
- REMEDIAL EXCAVATION 4 FT BGS
- REMEDIAL EXCAVATION 6 FT BGS
- REMEDIAL EXCAVATION 8 FT BGS
- REMEDIAL EXCAVATION 10 FT BGS
- REMEDIAL EXCAVATION 12 FT BGS
- REMEDIAL EXCAVATION 20 FT BGS
- PARCEL BOUNDARY
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FT BGS = FEET BELOW GROUND SURFACE.
3. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
4. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

N

0 40 80

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HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

REMEDIAL EXCAVATION MAP

DECEMBER 2022

FIGURE 4

GIS FILE PATH: \\haleyaldrich.com\share\CFIGroups\nyc\GISMaps\2022_11_200734\200734_000_0004_REMEDIAL_EXCAVATION_MAP.mxd — USER: hwachholz — LAST SAVED: 11/23/2022 10:02:49 AM

LEGEND

- EXCAVATION TO 25 FT BGS
- EXCAVATION TO 27.5 FT BGS
- EXCAVATION TO 30 FT BGS
- PARCEL BOUNDARY
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FT BGS = FEET BELOW GROUND SURFACE.
3. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
4. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

DEVELOPMENT EXCAVATION MAP

NOVEMBER 2022

FIGURE 5

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_09_200734\200734_000_0005_DEVELOPMENT_EXCAVATION_MAP.mxd — USER: hwachholz — LAST SAVED: 11/9/2022 1:48:16 PM

LEGEND

- CONFIRMATION SAMPLE
- TANK LOCATION
- PARCEL BOUNDARY
- SITE BOUNDARY

	UUSCOs (mg/kg)
Volatile Organic Compounds (VOCs)	
Acetone	0.05

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. ANALYTICAL SOIL DATA PRESENTED IS BASED ON CONFIRMATION SAMPLES COLLECTED FROM THE BASE OF THE EXCAVATION. DEPTHS NOTED ON THE SAMPLE ID IN FEET BELOW GROUND SURFACE (FT BGS).

3. CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg).

4. EXCEEDANCES OF NYCDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (UUSCOS) ARE SHADED GRAY.

5. RESULTS BELOW THE UUSCOS FOR CONFIRMATION SAMPLE LOCATIONS BS-002-01 AND BS-002-02 (5-5.5 FT BGS) AND BS-003-01 AND BS-003-02 (8-8.5 FT BGS).

6. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING

7. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

N

0 40 80

SCALE IN FEET

STAMP:

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19 DECEMBER 2022

HALEY ALDRICH

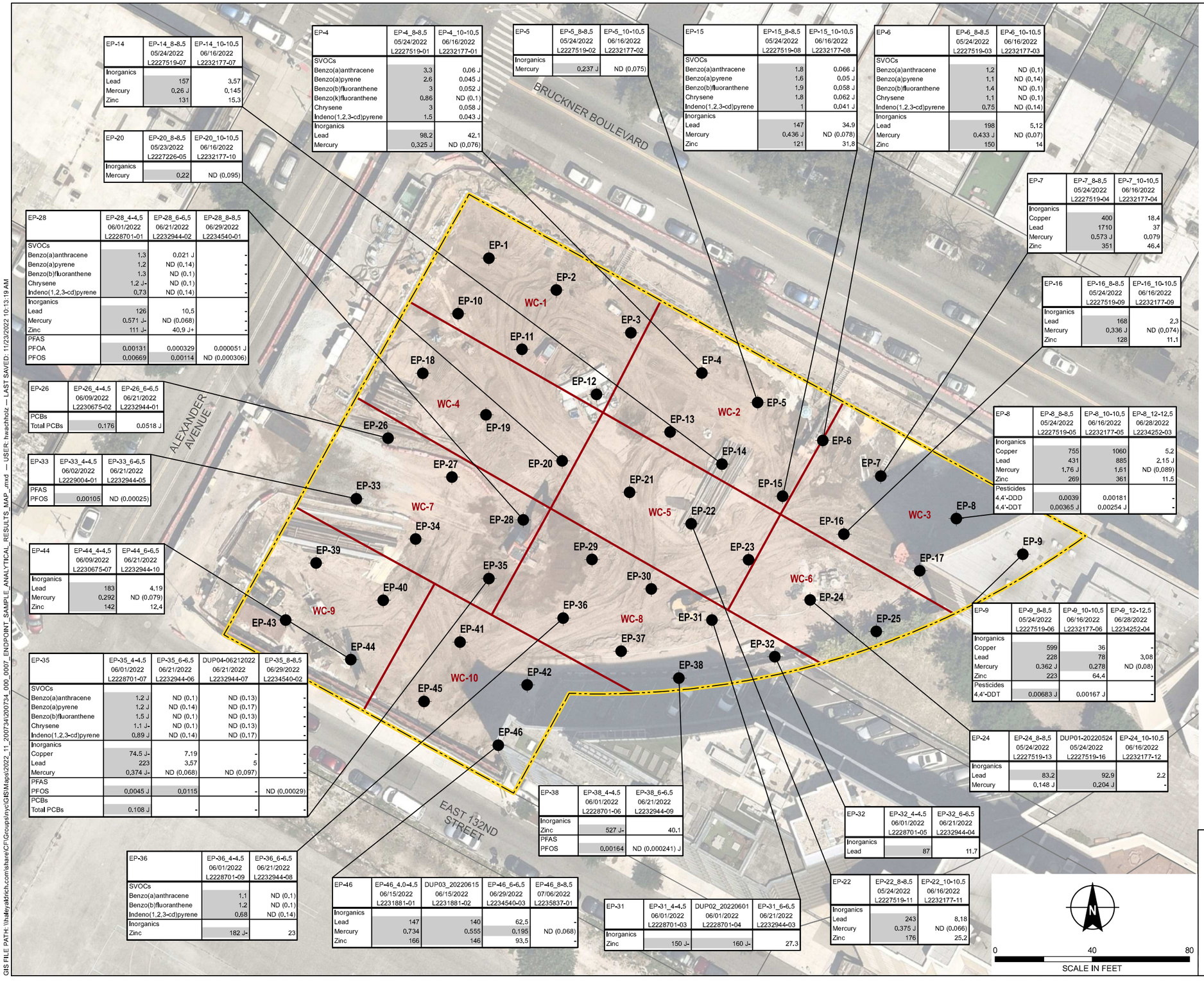
40 BRUCKNER BOULEVARD
BRONX, NEW YORK

TANK LOCATION AND DOCUMENTATION SAMPLE MAP

DECEMBER 2022

FIGURE 6

GIS FILE PATH: \\haleyaldrich.com\share\CFLGroups\nyc\GISMaps\2022_11_200734\200734_000_0006_TANK_LOCATION_AND_DOCUMENTATION_SAMPLE_MAP.mxd — USER: hwachholz — LAST SAVED: 11/23/2022 10:09:06 AM



EP-14	EP-14_8-8.5 05/24/2022 L2227519-07	EP-14_10-10.5 06/16/2022 L2232177-07
Inorganics		
Lead	157	3.57
Mercury	0.26 J	0.145
Zinc	131	15.3

EP-20	EP-20_8-8.5 05/23/2022 L2227226-05	EP-20_10-10.5 06/16/2022 L2232177-10
Inorganics		
Mercury	0.22	ND (0.095)

EP-28	EP-28_4-4.5 06/01/2022 L2228701-01	EP-28_6-6.5 06/21/2022 L2232944-02	EP-28_8-8.5 06/29/2022 L2234540-01
SVOCs			
Benzo(a)anthracene	1.3	0.021 J	-
Benzo(a)pyrene	1.2	ND (0.14)	-
Benzo(b)fluoranthene	1.3	ND (0.1)	-
Chrysene	1.2 J-	ND (0.1)	-
Indeno(1,2,3-cd)pyrene	0.73	ND (0.14)	-
Inorganics			
Lead	126	10.5	-
Mercury	0.571 J-	ND (0.068)	-
Zinc	111 J-	40.9 J+	-
PFAS			
PFOA	0.00131	0.000329	0.000051 J
PFOS	0.00669	0.00114	ND (0.000306)

EP-26	EP-26_4-4.5 06/09/2022 L2230675-02	EP-26_6-6.5 06/21/2022 L2232944-01
PCBs		
Total PCBs	0.176	0.0518 J

EP-33	EP-33_4-4.5 06/02/2022 L2229004-01	EP-33_6-6.5 06/21/2022 L2232944-05
PFAS		
PFOS	0.00105	ND (0.00025)

EP-44	EP-44_4-4.5 06/09/2022 L2230675-07	EP-44_6-6.5 06/21/2022 L2232944-10
Inorganics		
Lead	183	4.19
Mercury	0.292	ND (0.079)
Zinc	142	12.4

EP-35	EP-35_4-4.5 06/01/2022 L2228701-07	EP-35_6-6.5 06/21/2022 L2232944-06	DUP04-06212022 06/21/2022 L2232944-07	EP-35_8-8.5 06/29/2022 L2234540-02
SVOCs				
Benzo(a)anthracene	1.2 J	ND (0.1)	ND (0.13)	-
Benzo(a)pyrene	1.2 J	ND (0.14)	ND (0.17)	-
Benzo(b)fluoranthene	1.5 J	ND (0.1)	ND (0.13)	-
Chrysene	1.1 J-	ND (0.1)	ND (0.13)	-
Indeno(1,2,3-cd)pyrene	0.89 J	ND (0.14)	ND (0.17)	-
Inorganics				
Copper	74.5 J-	7.19	-	-
Lead	223	3.57	5	-
Mercury	0.374 J-	ND (0.068)	ND (0.097)	-
PFAS				
PFOS	0.0045 J	0.0115	-	ND (0.00029)
PCBs				
Total PCBs	0.108 J	-	-	-

EP-36	EP-36_4-4.5 06/01/2022 L2228701-09	EP-36_6-6.5 06/21/2022 L2232944-08
SVOCs		
Benzo(a)anthracene	1.1	ND (0.1)
Benzo(b)fluoranthene	1.2	ND (0.1)
Indeno(1,2,3-cd)pyrene	0.68	ND (0.14)
Inorganics		
Zinc	182 J-	23

EP-4	EP-4_8-8.5 05/24/2022 L2227519-01	EP-4_10-10.5 06/16/2022 L2232177-01
SVOCs		
Benzo(a)anthracene	3.3	0.06 J
Benzo(a)pyrene	2.6	0.045 J
Benzo(b)fluoranthene	3	0.052 J
Benzo(k)fluoranthene	0.86	ND (0.1)
Chrysene	3	0.058 J
Indeno(1,2,3-cd)pyrene	1.5	0.043 J
Inorganics		
Lead	98.2	42.1
Mercury	0.325 J	ND (0.076)

EP-5	EP-5_8-8.5 05/24/2022 L2227519-02	EP-5_10-10.5 06/16/2022 L2232177-02
Inorganics		
Mercury	0.237 J	ND (0.075)

EP-15	EP-15_8-8.5 05/24/2022 L2227519-08	EP-15_10-10.5 06/16/2022 L2232177-08
SVOCs		
Benzo(a)anthracene	1.8	0.066 J
Benzo(a)pyrene	1.6	0.05 J
Benzo(b)fluoranthene	1.9	0.058 J
Chrysene	1.8	0.062 J
Indeno(1,2,3-cd)pyrene	1	0.041 J
Inorganics		
Lead	147	34.9
Mercury	0.436 J	ND (0.078)
Zinc	121	31.8

EP-6	EP-6_8-8.5 05/24/2022 L2227519-03	EP-6_10-10.5 06/16/2022 L2232177-03
SVOCs		
Benzo(a)anthracene	1.2	ND (0.1)
Benzo(a)pyrene	1.1	ND (0.14)
Benzo(b)fluoranthene	1.4	ND (0.1)
Chrysene	1.1	ND (0.1)
Indeno(1,2,3-cd)pyrene	0.75	ND (0.14)
Inorganics		
Lead	198	5.12
Mercury	0.433 J	ND (0.07)
Zinc	150	14

EP-7	EP-7_8-8.5 05/24/2022 L2227519-04	EP-7_10-10.5 06/16/2022 L2232177-04
Inorganics		
Copper	400	18.4
Lead	1710	37
Mercury	0.573 J	0.079
Zinc	351	46.4

EP-16	EP-16_8-8.5 05/24/2022 L2227519-09	EP-16_10-10.5 06/16/2022 L2232177-09
Inorganics		
Lead	168	2.3
Mercury	0.336 J	ND (0.074)
Zinc	128	11.1

EP-8	EP-8_8-8.5 05/24/2022 L2227519-05	EP-8_10-10.5 06/16/2022 L2232177-05	EP-8_12-12.5 06/28/2022 L2234252-03
Inorganics			
Copper	755	1060	5.2
Lead	431	885	2.15 J
Mercury	1.76 J	1.61	ND (0.089)
Zinc	269	361	11.5
Pesticides			
4,4'-DDD	0.0039	0.00181	-
4,4'-DDT	0.00365 J	0.00254 J	-

EP-9	EP-9_8-8.5 05/24/2022 L2227519-06	EP-9_10-10.5 06/16/2022 L2232177-06	EP-9_12-12.5 06/28/2022 L2234252-04
Inorganics			
Copper	599	36	-
Lead	228	78	3.08
Mercury	0.362 J	0.278	ND (0.08)
Zinc	223	64.4	-
Pesticides			
4,4'-DDT	0.00683 J	0.00167 J	-

EP-24	EP-24_8-8.5 05/24/2022 L2227519-13	DUP01-20220524 05/24/2022 L2227519-16	EP-24_10-10.5 06/16/2022 L2232177-12
Inorganics			
Lead	83.2	92.9	2.2
Mercury	0.148 J	0.204 J	-

EP-32	EP-32_4-4.5 06/01/2022 L2228701-05	EP-32_6-6.5 06/21/2022 L2232944-04
Inorganics		
Lead	87	11.7

EP-38	EP-38_4-4.5 06/01/2022 L2228701-06	EP-38_6-6.5 06/21/2022 L2232944-09
Inorganics		
Zinc	527 J-	40.1
PFAS		
PFOS	0.00164	ND (0.000241) J

EP-46	EP-46_4.0-4.5 06/15/2022 L2231881-01	DUP03_20220615 06/15/2022 L2231881-02	EP-46_6-6.5 06/29/2022 L2234540-03	EP-46_8-8.5 07/06/2022 L2235837-01
Inorganics				
Lead	147	140	62.5	-
Mercury	0.734	0.555	0.195	ND (0.068)
Zinc	166	146	93.5	-

EP-31	EP-31_4-4.5 06/01/2022 L2228701-03	DUP02_20220601 06/01/2022 L2228701-04	EP-31_6-6.5 06/21/2022 L2232944-03
Inorganics			
Zinc	150 J-	160 J-	27.3

EP-22	EP-22_8-8.5 05/24/2022 L2227519-11	EP-22_10-10.5 06/16/2022 L2232177-11
Inorganics		
Lead	243	8.18
Mercury	0.375 J	ND (0.066)
Zinc	176	25.2

LEGEND

- ENDPOINT SAMPLE
- WASTE CLASSIFICATION GRID BOUNDARY
- PARCEL BOUNDARY
- SITE BOUNDARY

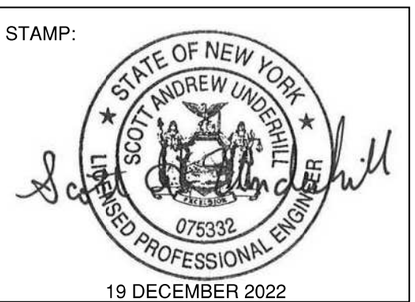
	UUSCOs (mg/kg)
Sem-Volatile Organic Compounds (SVOCs)	
Benzo(a)anthracene	1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	1
Benzo(k)fluoranthene	0.8
Chrysene	1
Indeno(1,2,3-cd)pyrene	0.5
Inorganics	
Copper	50
Lead	63
Mercury	0.18
Zinc	109
PCBs	
Total PCBs	0.1
Pesticides	
4,4'-DDD	0.0033
4,4'-DDT	0.0033

	Unrestricted Use Guidance Values (mg/kg)
PFAS Compounds	
PFOA	0.00066
PFOS	0.00088

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ANALYTICAL SOIL DATA PRESENTED IS BASED ON CONFIRMATION SAMPLES COLLECTED FROM THE BASE OF THE EXCAVATION. DEPTHS NOTED ON THE SAMPLE ID IN FEET BELOW GROUND SURFACE (FT BGS).
3. CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg).
4. EXCEEDANCES OF NYCDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (UUSCOS) OR PROPOSED PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) GUIDANCE VALUES (PFAS GUIDANCE VALUES; JUNE 2021) ARE SHADED GRAY.
5. RESULTS COLLECTED FROM ENDPOINT SAMPLE LOCATIONS EP-1, EP-2, EP-3, EP-10, EP-11, EP-13, EP-18, EP-19, EP-21, AND EP-23 WERE BELOW UUSCOS/PFAS GUIDANCE VALUES FOR SAMPLES COLLECTED FROM 8-8.5 FT BGS.
6. RESULTS COLLECTED FROM ENDPOINT SAMPLE LOCATIONS EP-12, EP-17, AND EP-25 WERE BELOW UUSCOS/PFAS GUIDANCE VALUES FOR SAMPLES COLLECTED FROM 10-10.5 FT BGS.
7. RESULTS COLLECTED FROM ENDPOINT SAMPLE LOCATIONS EP-27, EP-29, EP-30, EP-34, EP-37, EP-39, EP-40, EP-41, EP-42, EP-43, AND EP-45 WERE BELOW UUSCOS/PFAS GUIDANCE VALUES FOR SAMPLES COLLECTED FROM 4-4.5 FT BGS.
8. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
9. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

STAMP:



19 DECEMBER 2022

0 40 80

SCALE IN FEET

HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

ENDPOINT SAMPLE ANALYTICAL RESULTS MAP

DECEMBER 2022

FIGURE 7

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_11_200734\200734_000_0007_ENDPOINT_SAMPLE_ANALYTICAL_RESULTS_MAP_.mxd — USER: hwachholz — LAST SAVED: 11/23/2022 10:13:19 AM

LEGEND

- IMPORTED CLEAN STONE AREA FOR RAMP
- IMPORTED CLEAN STONE AREA FOR RAT SLAB
- CLEAN STONE AREA FOR TIEDOWNS
- PARCEL BOUNDARY
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: NYC DEPARTMENT OF CITY PLANNING
3. AERIAL IMAGERY SOURCE: NEARMAP, 19 JULY 2022

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0 40 80
SCALE IN FEET

STAMP:

STATE OF NEW YORK
SCOTT ANDREW UNDERHILL
075332
LICENSED PROFESSIONAL ENGINEER

19 DECEMBER 2022

HALEY ALDRICH

40 BRUCKNER BOULEVARD
BRONX, NEW YORK

IMPORTED MATERIAL PLACEMENT LOCATIONS

DECEMBER 2022

FIGURE 8

GIS FILE PATH: \\haleyaldrich.com\share\CF\Groups\nyc\GIS\Maps\2022_09_200734\200734_000_0008_IMPORTED_MATERIAL_PLACEMENT_LOCATIONS.mxd — USER: hvachholz — LAST SAVED: 10/11/2022 6:33:27 PM