GEI Consultants

Remedial Investigation Report

K – Williamsburg Works

Brooklyn, New York

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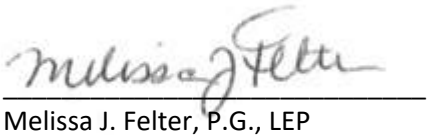
Qualified Environmental Professional's Certification

I, Melissa J. Felter, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Report was prepared in accordance with applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in accordance with the DER-approved work plans and DER-approved work plan modifications as discussed in this Report.

Date: 8/29/2025



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Abbreviations and Acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
AOC	Administrative Order on Consent
ASTM	ASTM International
BASE	Building Assessment and Survey Evaluation
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
BUG	Brooklyn Union Gas
CAMP	Community Air-Monitoring Plan
CBS	Chemical Bulk Storage
CC	Coal Carbonization
cm/s	Centimater per Second
COPCs	Contaminants of Potential Concern
CSM	Conceptual Site Model
CTC	Cost to Cure
CWG	Carbureted Water Gas
DNAPL	Dense Non-Aqueous Phase Liquid
DO	Dissolved Oxygen
EDR	Environmental Data Resources, Inc.
EEA	Energy and Environmental Analysts, Inc.
EFR	Enhanced Fluid Recovery
ESA	Environmental Site Assessment
FOIA	Freedom of Information Act
ft	feet
FWRIA	Fish and Wildlife Resources Impact Analysis
GEI	GEI Consultants, Inc.
GPR	Ground Penetrating Radar
GPS	Global Positioning System
ID	Identification
IDW	Investigation Derived Waste
IRM	Interim Remedial Measure
ISRP	Investigative Summary and Remedial Plan
LiRo	LiRo Engineers Inc.
LNAPL	Light Non-aqueous Phase Liquids
M&E	Metcalf and Eddy of New York, Inc.
MEK	2-Butanone
mg/kg	Milligrams per Kilogram
MGP	Manufactured Gas Plant
MOSF	Major Oil Storage Facility
MTBE	Methyl Tertiary Butyl Ether
NAPL	Non-aqueous Phase Liquids
NAVD	North American Vertical Datum
NGVD	National Geodetic Vertical Datum 1929
NWI	National Wetlands Inventory
NYC	New York City
NYCDDC	New York City Department of Design and Construction

NYCDGS	New York City Department of General Services
NYCDOS	New York City Department of Sanitation
NYSASP	New York State Analytical Services Protocol
NYSAWQS	New York State Ambient Water Quality Standards
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYLS	New York State Licensed Land Surveyor
ORC	Oxygen Release Compound
ORP	Oxidation-Reduction Potential
PAH	Polycyclic Aromatic Hydrocarbon
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PDI	Pre-Design Investigation
PID	Photoionization Detector
ppm	Parts Per Million
PRP	Potentially Responsible Party
PSA	Preliminary Site Assessment
PVC	Polyvinyl Chloride
PWS	Public Water Supply
QA/QC	Quality Assurance/Quality Control
QHHEA	Qualitative Human Health Exposure Assessment
RCRA	Resource Conservation and Recovery
RES	Raritan Enviro Services, Inc.
RI	Remedial Investigation
RIWP	RI Work Plan
ROW	Right of Way
RSCOs	Recommended Soil Cleanup Objectives
Sanborn	Sanborn Fire Insurance
SCO	Soil Cleanup Objective
SCOPGQ	Soil Cleanup Objectives to Protect Groundwater Quality
SI	Site Investigation
SOCONY	Standard Oil Company of New York
SRI	Supplemental Remedial Investigation
SRIWP	SRI Work Plan
SSGVs	Saltwater Sediment Guidance Values
SVI	Soil Vapor Intrusion
SVOC	Semivolatile Organic Compound
STARS	Spill Technology and Remediation Series
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TBM	Tidal Benchmark
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
Test America	Test America Laboratories
TGSCS	Technical Guidance for Screening Contaminated Sediments
TOC	Total Organic Carbon

TOGS	Technical and Operational Guidance Series
TPH	Total Petroleum Hydrocarbon
TPHC	Total Petroleum Hydrocarbon Content
TRC	TRC Environmental Corporation
TRPH	Total Recoverable Petroleum Hydrocarbon
UCM	Unresolved Complex Mixture
ug/L	Micrograms per Liter
URS	URS Corporation
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

Executive Summary

On behalf of The Brooklyn Union Gas Company d/b/a National Grid NY (National Grid), GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) conducted a Remedial Investigation (RI) and prepared this RI report to describe environmental conditions at the K - Williamsburg Works site in Brooklyn, Kings County, New York (the Site), the location of a former manufactured gas plant (MGP). The RI was conducted in accordance with Order on Consent (AOC) and Administrative Settlement Index No. A2-0552-0606 between New York State Department of Environmental Conservation (NYSDEC) and The Brooklyn Union Gas Company (BUG), then d/b/a KeySpan Delivery New York and AOC Index No. CO 2-20200910-300 between NYSDEC and BUG, now d/b/a National Grid NY, and it was conducted in accordance with the NYSDEC-approved Remedial Investigation Work Plans (RIWPs). Field activities were performed between June 2009 and December 2012, in July 2022, and in September 2024.

The Site is located in the Williamsburg neighborhood of Brooklyn, New York and consists of four parcels (Parcels 1 through 4) located along North 12th and North 11th Streets, Kent Avenue and the East River (Fig. 1). Two additional parcels located to the south (Parcel 5) and to the north (Parcel 6), as well as 25 Kent Avenue to the northeast, have relevance to the RI, because of their historic use as a refinery (discussed below) and the extent of contamination associated with local industry. A building occupies the entire footprint of Parcel 1. Parcel 2 is currently a park with no buildings. Parcels 3 through 6 are vacant and pending redevelopment as portions of Bushwick Inlet Park. No building remain on these Parcels.

The Site and adjacent properties are currently zoned for industrial use and have been part of an industrialized area of Brooklyn dating back to at least the mid-1800s. The former MGP extended from the East River to beyond Kent Avenue and was surrounded to the north (Parcel 6), northeast (25 Kent Avenue), and the south (Parcel 5) by the former Pratt Works Williamsburg site (aka Astral Oil Works). The Pratt Works refinery was originally constructed circa 1867, and eventually merged with Standard Oil Company of New York, which has become part of ExxonMobil. The former Pratt Works was one of the earliest and largest refinery facilities in New York and contained dozens of bulk petroleum storage tanks. Oil lines connecting Pratt Works operations at Parcels 5 and 6 crossed the Williamsburg Works MGP. Parcel 6 fronting on North 12th Street has been operated as a Major Oil Storage Facility (MOSF) until very recently. Parcel 6 has been operated by Pratt Works, Exxon Mobil, Standard Oil, Bayside Fuel Oil, TransGas Energy Systems, Paragon Oil Co. a Division of Texaco, Inc., and Motiva. Conditions Wastes released by these parties on Parcels 5 and 6 may present a significant threat, which is equivalent to an imminent and substantial endangerment, to health or the environment. These parcels should be further investigated by former operators. National Grid has completed further investigation of Parcel 6 and will conduct further investigations of Parcels 1 and 5 to determine the nature and extent of MGP-related impacts as required by the Consent Order.

The former Williamsburg Works MGP manufactured and distributed gas for use by businesses and residences from roughly the1860s until the 1930s. The Williamsburg Works MGP was dismantled sometime between 1935 and 1941, and the property was subsequently subdivided and sold to third

parties by BUG. By 1946, portions of the Site had been redeveloped for industrial and commercial uses. Neither BUG nor National Grid has had control of the Site since 1947. Other historic property uses at or adjacent to the Site include a toluol plant constructed by the U.S. government during World War I and use by the U.S. Navy in 1945 as a firefighting school, the former New York City Department of Sanitation (NYCDOS) garage at the Site, Pratt Works, Exxon Mobil, Standard Oil Company of New York (SOCONY), TransGas Energy Systems, Paragon Oil Co. a Division of Texaco, Inc., Motiva, Sunoco, and Bayside Fuel Oil's operations adjacent to the Site. Other environmental investigations have been conducted at and adjacent to the Site investigating impacts from these other historic property uses.

The RI evaluated the nature and extent of impacts at the Site, identified impacts associated with other sources including the former Pratt Works parcels, and evaluated the potential human health and ecological risks associated with the identified impacts. The RI fieldwork included surface soil sample collection, subsurface utility location and mark-out, test pit excavation, soil boring installation, subsurface soil sample collection, sediment core installation and sediment sample collection, monitoring well installation and development, temporary groundwater sampling point installation, groundwater sample collection, groundwater gauging and gauging for the presence of NAPL, hydraulic conductivity testing, sub-slab vapor point installation and sample collection, indoor and outdoor ambient air sample collection, soil vapor sample collection, and surveys of sample locations.

MGP-related non-aqueous phase liquid (NAPL) and its chemical constituents were the primary focus of the RI. Environmental impacts related to oil storage, gas purification, and lead sources were also evaluated as part of the RI. Materials from gas purification were not encountered during the RI.

Beneath the RI study area, the following geologic materials are present in stratigraphic order (from deepest to shallowest), bedrock (Fordham Gneiss), glacial deposits (glacial till, glacial outwash, glacial lacustrine [lake]), alluvial deposits, and fill.

The overall vertical extent of NAPL migration has been defined by the RI. The vertical extent of NAPL migration, as defined by the RI, appears to be limited by the underlying glacial lacustrine clay layer. Visible impacts were not observed below the clay layer within surrounding deep borings installed by GEI. Most of the NAPL-saturated soils that were identified on Parcel 2 were in proximity to the former gas holders and were removed during an Interim Remedial Measure between 2015 and 2017. Tar tanks, oil stills, and pipelines on Parcel 6 are an additional potential source of NAPL. A portion of the NAPL migrated laterally to the northwest along the top of the less permeable layers. NAPL from the MGP source areas generally migrated downward through the permeable fill until it encountered less permeable till or silty lenses. The lateral extent of NAPL migration has been defined to the north, east, and south. The former Pratt Works properties (Parcels 5 and 6 and 25 Kent Avenue) appear to be a source of NAPL and other impacts that have commingled with MGP-related impacts to the north and south. Impacts were commingled with petroleum-impacted soil and fill at depths from ground surface to greater than 40 feet. Petroleum impacts are likely associated with multiple sources including historic on-site fuel storage, pipes crossing the Site, off-site refining, fuel storage and distribution operations at the adjacent former Pratt Works (Parcels 5 and 6 and 25 Kent Avenue), oil use and storage during New York City Department of Sanitation (NYCDOS) operations, and placement of urban fill over the history of the Site.

The presence of additional non-MGP related chemicals including metals, solvents, pesticides, and polychlorinated biphenyls (PCBs) in soils on the Site and adjacent to the Site further confirm the presence and commingling impacts from multiple sources.

The lateral extent of impacts in sediments west of the Site was investigated and delineated. The source of the sediment impacts is not clear, however, and may relate to multiple releases from origins beyond the MGP, such as the former Pratt Works operations and outfalls to the East River.

Groundwater flows to the northwest toward the East River during both high and low tides. Depth to groundwater ranges from approximately 2 to 15-feet below ground surface. The highest concentrations were generally detected in shallow groundwater samples collected from source areas. Dissolved-phase benzene, toluene, ethylbenzene, xylene (BTEX) and polycyclic aromatic hydrocarbon (PAH) concentrations generally decrease with distance downgradient of the source areas and with depth on Parcels 3 and 4 indicating that contamination is migrating to the northwest. Groundwater moving through the soil impacts related to the MGP and non-MGP sources likely results in dissolved-phase BTEX and low molecular weight polycyclic aromatic hydrocarbons PAHs discharge to the East River. Any dissolved phase contaminants that may enter the surface water of the East River are likely to be rapidly degraded, volatilized, or diluted. There are no drinking water wells within a quarter mile of the Site. Potable water is currently provided to the Site and surrounding area by the New York City Water Supply System.

A qualitative assessment of human health exposures to contaminants of potential concern (COPCs) in all media at the area investigated determined that:

- There is limited potential for site users to come into contact with COPCs in excess of the screening values.
- Potential risk associated with surface soil impacts are similar to any urban area and are not related to former MGP operations.
- Greater risk may exist if future construction and utility workers potentially uncover soils and come into contact with impacted soil or groundwater. In these cases, appropriate impacted-material management methods are necessary.
- A complete indoor air exposure pathway for chlorinated and other non-MGP volatile organic compounds (VOCs) within indoor air at Parcel 1 was identified during the RI. These compounds are not related to MGP operations but are related to recent use activities at Parcel 1. Operations have changed since the sampling took place and the results may not be representative of current operation, with respect to potential sources of indoor air. Trichloroethene (TCE), tetrachloroethene (PCE), and toluene concentrations in the indoor air may require that reasonable and practical actions be taken to identify source(s) and reduce exposures by others according to New York State Department of Health (NYSDOH) soil vapor guidance. A complete exposure pathway for MGP-related VOCs was not identified within indoor air.

A Part 1 Fish and Wildlife Resource Impact Analysis (FWRIA) identified COPCs within subsurface soil and sediments of the area investigated. The FWRIA determined the potential risks to on-site and off-site

terrestrial and aquatic receptors. Buildings and paved ground surfaces at the area investigated provide limited habitat for terrestrial wildlife receptors. However, the East River located west, and Bushwick Inlet located north to northeast of the area investigated, are significant ecological resources. They both provide habitat for a variety of aquatic flora and fauna, as well as semi-aquatic wildlife. BTEX, PAHs, PCBs, metals, and pesticides were identified as COPCs in surface sediments; the source of these COPCs requires further assessment. The Part 1 FWRIA indicates potential for adverse effects to fish and wildlife resources near the area investigated.

An Alternatives Analysis will be prepared and submitted to NYSDEC no later than 60 days following approval of this RI report.

1. Introduction

On behalf of The Brooklyn Union Gas Company d/b/a National Grid NY (National Grid), GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) conducted a Remedial Investigation (RI) and prepared this RI report to describe environmental conditions at the K - Williamsburg Works site in Brooklyn, Kings County, New York (the Site), the location of a former manufactured gas plant (MGP). This RI report describes the work performed in accordance with the approved RI Work Plans (RIWPs), the environmental conditions encountered, as well as the nature and extent of impacts at the Site, and the potential risks to human health and the environment.

In February 2007, The Brooklyn Union Gas Company (BUG), then d/b/a KeySpan Energy Delivery New York, and the New York State Department of Environmental Conservation (NYSDEC) entered an Order on Consent and Administrative Settlement (AOC), Index No. A2-0552-0606, to evaluate environmental conditions at a number of sites. The former Williamsburg Works MGP was added to the AOC by a modification dated August 10, 2007. In 2017, the Site was withdrawn from the AOC to allow the Site to be evaluated under a site-specific AOC. In September 2021, BUG, now d/b/a National Grid NY, and NYSDEC entered into AOC Index No. CO 2-20200910-300 with respect to the Site. The K - Williamsburg Works site is referenced as Site No. 224055 in both AOCs and the NYSDEC's Environmental Site Remediation Database.

This RI was conducted pursuant to the executed AOCs described above. The RI was also conducted in accordance with applicable guidelines of the NYSDEC and the New York State Department of Health (NYSDOH) including:

- New York State Department of Environmental Conservation, DER-10 Technical Guidance for Site Investigation and Remediation. 2002 and updated 2019.
- New York State Department of Health. 2006. Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006, revised May 2017.

Fig. 1 shows the former location and footprint of the Williamsburg Works. The Williamsburg Works were located in an industrial area along the East River, and the MGP occupied four current-day properties along North 12th and North 11th Streets, Kent Avenue, and the East River. As discussed below, in Section 1.2.1, these four properties are separately owned by two third-parties, one a private entity and the other the New York City Parks Department.

GEI and GEI's subcontractors completed the RI work plan and work plan addenda field activities in several mobilizations between June 2009 and September 2024. Activities were completed in accordance with the NYSDEC-approved RI work plan, work plan addenda, and Supplemental RI (SRI) work plans and are summarized below in Section 1.1. Work plans, addenda thereto, work plan approval letters, and field change orders are provided in Appendix A.

1.1. Remedial Investigation Objectives and Scope

The purpose of the RI was to generate sufficient data to define the nature and extent of soil, groundwater, sub-slab vapor, and/or sediment impacts at the Site. The RI also uses the findings of the investigation to evaluate the potential risks to human health, and the environment through completion of a Qualitative Human Health Exposure Assessment (QHHEA) and a Part 1 Fish and Wildlife Resource Impact Analysis (FWRIA).

In order to achieve this purpose, several objectives were established, as follow:

- Identify and investigate potential historic MGP structures.
- Characterize the hydrogeology of the Site.
- Identify, quantify, and delineate MGP-related chemical impacts including volatile and semi-volatile organic compounds (VOCs and SVOCs, respectively) and inorganic compounds, such as cyanide; compare their concentrations to NYSDEC standards.
- Identify, quantify, and delineate non-aqueous phase liquid (NAPL) in subsurface soil and groundwater.
- Evaluate potential soil vapor intrusion of MGP-related compounds into modern on-site buildings.
- Evaluate the potential for off-site migration of MGP-related NAPL and chemical compounds.
- Complete a QHHEA to evaluate potential risk to humans.
- Complete a Part 1 FWRIA to evaluate the potential for impacts to wildlife resources.

In assessing the impacts at the Site, GEI also reviewed and evaluated the findings of investigation activities conducted by others on and proximate to the Site. These other investigations are identified and summarized in subsection 1.5. Where boring logs were available, soil classifications and visual impact observations are included in the Site-wide evaluation, completed as part of this RI. Pertinent portions of other investigation documents are included in Appendix B.

The Site location is depicted in Fig. 1 and the Parcels included within the Site are shown in Fig. 2. Mixed commercial, industrial, and residential land use is present to the east of the Site. The East River is located west of the Site. Marsha P. Johnson State Park and a portion of the Bushwick Inlet Park are located directly southwest of the Site. Marsha P. Johnson State Park is a seven-acre park which is partially paved including a playground area with some open, maintained grassy areas and direct access to the East River via a sand/riprap beach area. Bushwick Inlet Park includes a large multi-purpose athletic field covered with artificial turf, a community building, and direct access to the East River waterfront via a dog run and riprap park area.

The Williamsburg Works Site was subdivided and sold to third parties in the years following decommissioning and is now comprised of four properties (Parcels 1 through 4) that encompass approximately 5.7 acres. Three of the four properties are contiguous and collectively they are bordered by the East River, North 11th and North 12th Streets and Kent Avenue. These properties are planned to

be developed as part of Bushwick Inlet Park. The fourth Parcel is located on the southeast side of Kent Avenue between North 11th and North 12th Streets. Parcel IDs have been assigned to each property included in this RI for ease of reference throughout this report and are shown in Fig. 2. The Parcel IDs, addresses, and tax map information for these properties are listed below.

Parcel ID	Address	Current Owner	Block	Lot
Within Williamsburg Works MGP Footprint (Site)				
Parcel 1	35 Kent Avenue Brooklyn, NY	North 12TH Associates	2288	1
Parcel 2	21 North 12th Street (50 Kent Avenue), Brooklyn, NY	NYC Parks Dept	2287	1
Parcel 3	20 North 12th Street Brooklyn, NY	NYC Parks Dept	2287	16
Parcel 4	2 North 11th Street Brooklyn, NY	NYC Parks Dept	2287	30
Outside Williamsburg Works MGP Footprint				
Parcel 5	16 North 11th Street Brooklyn, NY	NYC Parks Dept	2294	1
	33 North 10th Street Brooklyn, NY	NYC Parks Dept	2294	5
Parcel 6	1-26 North 12th Street Brooklyn, NY	NYC Parks Dept	2277	1
	Portions of 1 Franklin Street, Brooklyn, NY	NYC Parks Dept	2590	100
Source: New York City Oasis Map http://www.oasisnyc.net/map.aspx accessed 10/25/2023				

The Site is located within a dense urban area of mixed commercial, industrial, and residential land use. Parcels 5 and 6, as well as 25 Kent Avenue, which are located adjacent to the former MGP footprint, to the south and north, respectively, have a long history of industrial activity including oil refining, storage, and distribution. The current conditions of Parcels 1 through 6 as of June 2024, are shown in Plate 1 and are discussed in subsection 1.2.1.3.

1.1.1. Williamsburg Works MGP Site History

The history of the former Williamsburg Works MGP and surrounding area was developed through the review of selected historical maps, photographs, historic drawings from BUG, available Ordnance Department of the War Department files, available Sanborn Fire Insurance (Sanborn) maps, and information presented in previous reports by others. Historic structures and sample locations are shown in Plate 2. Selected historical drawings, photographs, and Sanborn maps are included in Appendix C.

1.1.1.1. Pre-MGP Operational History

A 1766 map depicted the former marsh and shorelines surrounding the Site and Bushwick Creek (Appendix C). According to this map, the Creek extended to the east along North 14th and North 15th Street with the shoreline recessed to First Avenue (now Kent Avenue). As such, Parcels 1 and 2 were partially submerged and Parcels 3 and 4 were submerged. An 1844 navigation map of the East River

depicted a similar configuration of the historic shoreline and depth of water over what was later developed into the Site. Sometime between 1849 and 1855, filling of approximately 20 feet in depth, extended the land area westward into the East River. An 1868 insurance map shows Parcel 6 and Bushwick Creek filled and reshaped into what is now Bushwick Inlet. This filling also created a basin at the end of North 12th Street, which was filled in between 1887 and 1898.

Based on the 1766 map, the present-day shoreline around Bushwick Inlet is further west than the historic shoreline. Historically, Parcel 1 comprised a portion of the shoreline and Parcel 2, Parcel 5, and 25 Kent Avenue were partially submerged, as were areas to the south of Parcel 5. South of North 7th Street the shoreline was similar to the current shoreline. Parcels 3, 4, and 6 were submerged, as were areas east of Parcel 6 to Berry Street. Other parcels east of Kent Avenue and south of 25 Kent Avenue were not submerged. To the north of Bushwick Creek, properties west of West Street were partially submerged.

1.1.1.2. MGP Operational History

The Williamsburg Gas Light Company was incorporated in 1850 (Murphy, 1995) and was the first known operator of the Williamsburg Works MGP. The Williamsburg Works MGP was first shown on the 1887 Sanborn map. At that time, the gas production facilities were isolated to Parcels 2, 3, and 4 and consisted of coal gas production facilities including a retort house, an engine room, a meter house, and a condenser house.

Gas storage and purification facilities included three gas holders, a governor house, a purifying house, two tar tanks, scrubbers and lime houses on the 1887 Sanborn map. These structures are shown in Plates 1 and 2. Two of the gasholders were identified as relief holders built in 1863 and 1868, with two lifts each, and had 315,000 and 306,000 cubic foot capacities according to a 1915 document from the New York State Archives (Appendix C). The third gasholder, built in 1884, was constructed with three lifts, and had a 460,000 cubic foot capacity. All three holders were constructed with subsurface brick tanks and concrete foundations. The three holders are identified as Relief Holder, Holder No. 1, and Holder No. 2, respectively, on the 1921 BUG drawing. In 1888, an additional holder was built at Parcel 1. It had a capacity of 1,100,000 cubic feet and had three lifts. The holder was constructed with subsurface brick and a concrete foundation (New York State Archives, 2009). It was identified as Holder No. 3 on the 1921 BUG drawing.

In 1895, the Williamsburg Gas Light Company and several other Brooklyn gas manufacturing companies were acquired by BUG. The 1905 Sanborn map identifies the MGP as the BUG Williamsburg Branch.

The 1905 Sanborn map documents the changes to the MGP layout. The gas production facilities at Parcel 4 remained relatively unchanged except for the addition of iron tanks and a pump house. One circular gas tank, a generator house, a condenser house, and exhauster houses had been added at Parcel 3. The purifying houses were added at Parcel 2. The northeast corner of Parcel 2, along Kent Avenue, appears to have been used for storage with several small sheds and buildings. It does not appear this area of the property was used for former MGP activities and was owned by Peter Doelger in 1908. The holder was shown on Parcel 1.

A 1908 BUG drawing shows an excavation plan for a pump house, settling tank, and oil separator to be built on the southern portion of Parcel 4. Two oil pipe conduits are shown running across the parcel, which apparently connect the Pratt Works facilities on Parcels 5 and 6, adjacent to the north and south of the Site, to each other. One of the conduits is labeled "Pratt Oil Conduit." Pratt Works was a predecessor for Standard Oil Company of New York (SOCONY) and Exxon Mobil. Fig. 3 shows historical non-MGP structures including the Pratt oil pipe conduits.

The historic property in which Parcel 1 was situated originally contained six parcels; five of the smaller parcels were sold from BUG to Richard S. Hager and Clara L Hager around 1910. The 1905 Sanborn map does not show evidence of MGP operation within the five smaller parcels; by 1916 the five small and one larger parcel making up Parcel 1 all appear to be used for non-MGP operations.

A 1916 Sanborn map indicates the addition of generators and conversion of the retort house to a generator house at Parcel 3. A pump house and oil separator, similar to those shown in the 1908 BUG drawing, as well as two additional oil tanks and a tar slop tank are shown at Parcel 4. An additional tank was added on Parcel 1; the tank is identified as a gasometer on the 1916 Sanborn map and as a gas oil tank in a later 1921 BUG drawing (Plates 1 and 2).

In 1913 a portion of Parcel 2 was sold to Peter Doelger Brewing Company. The northeast corner of Parcel 2 was described in the 1916 Sanborn as used for "Contractor Storage".

During World War I the United States government, acting through the Ordnance Department of the War Department, constructed a toluol manufacturing plant within the Williamsburg Works MGP property. The limits of the toluol manufacturing operations were not determined by this RI. Review of a title search performed on Parcel 2 indicated the United States of America owned a portion of this property from May 29, 1919 to October 31, 1921, and after that time the Parcel continued not to be used for gas production storage. These ownership dates post-date documented toluol operations as discussed below. Review of title search information for Parcels 1, 3, and 4 did not document ownership by the United States of America at any time during their history. However, these operations occurred on at least three of the four Site Parcels as discussed below.

Construction of the toluol plant began on April 19, 1918. Pipes and other service lines were installed during construction as described by the NYC Board of Estimate and Apportionment:

- Six pipelines under and along the northerly sidewalk of North 11th Street, between the East River and Kent Avenue and under and along the westerly sidewalk of Kent Avenue and North 11th Street.
- Sixteen pipelines under and across Kent Avenue, about midway between North 11th Street and North 12th Street. These pipelines were likely installed within Parcels 1 and 2.

The toluol plant began operations on October 8, 1918, and was discontinued shortly thereafter, between November 19 and 22, 1918. The toluol plant was rated to scrub 16 million cubic feet of water gas per day. The estimated annual pure toluol production was 407,000 gallons, however, given the short period of operation actual production was 39,829 gallons. In addition to toluol, other petroleum distillates were produced as reported by the Ordnance Department (see table on the following page).

Month	Light Oil (Gallons Produced)	Crude Benzol (Gallons Produced)	Crude Toluol (Gallons Produced)	Solvent Naphtha (Gallons Produced)
October	94,881	17,806	8,706	2,875
November	106,625	54,127	31,121	39,658
Total	201,406	71,933	39,829	42,553

The toluol plant included the following equipment and operations:

- A gas scrubbing system with two benzol vaporizers and one catch scrubber for gas enrichment.
- A wash oil stripping system with two wash-oil stills and two light-oil stills.
- A light-oil fractioning system with two crude still-tanks, two rectifying columns, two dephlegamators, and two crude coolers.
- Storage capacity of four 40,000 gallon and five 20,000-gallon vertical steel tanks.

Contemporary documentation of the toluol equipment layout and operational boundaries was not available as part of this review. However, a BUG drawing, dated July 27, 1921, suggested remnants of the equipment remained nearly three years after the operations ceased. The following features in the 1921 BUG drawing appear to be from the toluol plant.

- Two scrubbers and a catch scrubber to the east of North 11th Street between the East River and Kent Avenue (Parcel 3). The drawing indicated these scrubbers were not in use. The number and type of scrubbers matches those used in the former toluol operation.
- A still house, with the note “Apparatus Dismantled,” was located on the northeast corner of Parcel 2. The still house was located in the area of Parcel 2 that did not appear to be used for former MGP activities in previous Sanborn maps. This still house may have been used to house the wash oil and light-oil fractioning stills.
- Five tanks within two tank pits were located in the eastern and western corners of Parcel 1. The tank number and sizes are consistent with the 20,000-gallon vertical tanks described in the toluol operations. This tank configuration is also consistent with surveys review of other nearby toluol operations (Ordnance Department, unknown year).
- The pipelines and former toluol structures noted, suggest the former toluol operations extended to at least Parcels 1 through 3 and possibly onto Parcel 4.

In addition, a survey made for Chemical Equipment Corporation and dated September 10, 1920, shows a tank and three-story iron structure on Parcel 2 near the corner of N. 12th Street and Kent Avenue.

Available data show that gas production at Williamsburg Works declined significantly in the late 1920s, and that by 1935, the plant was used for standby only.

The Williamsburg Works MGP ceased operation and the MGP structures were dismantled prior to 1941, as evidenced by the vacant lots shown in the 1941 Sanborn map.

A summary of former use information is provided in the table below.

Parcel ID	Property Information	Former Gas Plant Use
Parcel 1	35 Kent Avenue [Block 2288, Lot 1]	Holder No. 3, Tank No. 12-a gas oil tank, a coal bin, a storage shed, and pipelines and five 20,000-gallon vertical steel tanks within two tank pits associated with the toluol plant
Parcel 2	21 North 12th Street (50 Kent Avenue) [Block 2287, Lot 1]	Holder No. 1, Holder No. 2, a Relief Holder, purifying, condenser, exhauster, lime, and meter houses, saltwater condensers, storage sheds, storage buildings, and pipelines and a still house associated with the toluol plant
Parcel 3	20 North 12th Street [Block 2287, Lot 16]	One circular iron gas tank, generator, condenser, and exhauster houses, a retort house, an engine room, an oil separator, office and storage space, blacksmith, paint, machine and carpentry shops, and pipelines, two benzol vaporizers and a catch scrubber for gas enrichment associated with the toluol plant
Parcel 4	2 North 11th Street [Block 2287, Lot 30]	Coal shed, four iron and wooden tar tanks, three gas oil tanks an oil separator, purifying houses, a tar slop tank, and pump house

1.1.1.3. Post-MGP Operation

Subsequent to decommissioning and demolition of the MGP, the Williamsburg Works property was subdivided and redeveloped for commercial, industrial and manufacturing uses. A brief history of the post-MGP use was developed from available BUG and Sanborn maps and is presented below by Site-specific Parcel IDs and tax lots. All of these properties are currently owned by third parties.

BUG drawing 1G122 dated June 23, 1909, and retraced October 5, 1939 includes handwritten notes indicating Block 2287 (Parcels 2 through 4) was leased by the United States Navy beginning on July 1, 1945, with permission to stay until June 30, 1946 or six months after the end of the war. The same lease was noted for Block 2288 (Parcel 1), with a cancelation of the lease in June of 1946. Title searches for former MGP Parcels 1 through 4 did not indicate purchase of property by the United States Government between 1945 and 1946. The use and activity at the Site, if any, by the United States Navy is unknown.

A title search indicates Block 2287 Lot 1 (Parcel 2) was sold on July 22, 1946, and that modern-day Block 2287 Lots Lot 16 and 30 (Parcels 3 and 4 respectively) were sold on January 31, 1947. Block 2288 Lot 1 (Parcel 1) was sold on May 27, 1948.

- Parcel 1 [Block 2288 Lot 1]: Parcel 1 was sold to Jerome Zirinsky in 1948. According to Sanborn maps, the property was developed as a beverage warehouse and garage in 1951 and had a gasoline storage tank. Subsequent Sanborn maps from 1965, 1978, and 1979 indicate the property was used as a garage. Mr. Zirinsky was involved in property ownership until 1979 when the property was sold to NYC Industrial Development Agency. Colonial Mirror and Glass Corp. (Colonial) purchased the property on May 7, 1996. Colonial formerly operated a garage at the property. January 7, 2002 Colonial sold the property to George and Abe Weiner, aka, Abraham individually and as trustees of the Colonial trust. The current owner, North 12th Associates, LLC.,

purchased the property on June 29, 2006. As of August 2013, Amazon opened a photography studio at the property. A Consolidated Edison drawing dated 2013 shows an oil pipeline (Pipeline #7) along Kent Avenue between Parcels 1 and 2.

- Parcel 2 [Block 2287 Lot 1]: BUG sold the property to Kent Industrial Corp. on July 22, 1946. A warehouse/industrial building was constructed by 1951 and was occupied by the Ferro-Co. Corp. for sheet metal product manufacturing. By 1965, the building was occupied by Commercial Corrugated Container Corp. On June 2, 1971, the property was owned by American Sandfill and Marine Corp. By 1978, the property was occupied by a New York City Department of Sanitation garage, which occupied the property until February 2009 when the building was demolished. NYC Department of City Planning acquired the property by condemnation on September 11, 2007. An underground storage tank, used as an oil/water separator for rainwater runoff from delivery trucks was identified beneath the floor of the building in a 1998 Phase I Environmental Site Assessment (See Section 1.4.2.3, below.) A Consolidated Edison drawing dated 2013 shows an oil pipeline (Pipeline #7) along Kent Avenue between Parcels 1 and 2. The Parcel was remediated by National Grid as an Interim Remedial Measure (IRM) between 2015 and 2017. The Parcel has been developed as part of Bushwick Inlet Park by the New York City Department of Parks and Recreation.

- Parcel 3 [Block 2287 Lot 16]: The property was sold by BUG to Havemeyer and Elder Inc. on January 31, 1947, and Havemeyer and Elder, Inc. sold the property to Brooklyn Eastern District Terminal on August 31, 1948. Paragon Oil Co. Inc., a Chevron/Texaco predecessor, purchased the property from the Brooklyn Eastern District Terminal on August 14, 1958. The 1965 Sanborn depicts two railroad spurs, a repair shop, office, scale, and scrap metal storage on the property. By 1978, the property and buildings were vacant except for the office. Texaco Inc. sold the property to Bridge Lumber Co. Inc. on May 24, 1982, who then sold the property to the New York City Industrial Development Agency on October 5, 1982. The buildings were not shown on the 1982 Sanborn Map and the property was used for parking. On March 26, 1987, the property was repurchased by the Bridge Lumber Co. Inc. which sold it to the R.A.R Realty Corp. on the same day. A warehouse building had been constructed circa 1982, apparently coincidental with the purchase of the property by Bridge Lumber that year. It appears fill was used to level the property at this time because railroad ties, which appeared to be in place, were found, in N. 11th Street, approximately 3 feet below present-day street level during the 2022 field activities. The building was used for lumber storage until 1995 according to Sanborn maps. CitiPostal acquired the property from R.A.R Realty Corp. on June 29, 1995. 10th Street LLC acquired the parcel from CitiPostal on December 12, 2001, and New 10th Street LLC acquired the property on October 7, 2004. The building was used for by document storage business, CitiStorage, until January 31, 2015, when it was destroyed by a fire. The remnants of the building have been demolished and the parcel is currently vacant. In 2017, New York City acquired the property for its incorporation into Bushwick Inlet Park.

- Parcel 4 [Block 2287 Lot 30]: Parcel 4 (Lot 30) appears to have been part of Lot 16 (current Parcel 3) until September 23, 1991. Before that date, its ownership history is identical to that of Parcel 3. According to the title search, the property was sold from BUG to Havemeyer and Elder Inc. on January 31, 1947. Havemeyer and Elder purchased multiple properties along the East River to expand their railroad terminal, the Brooklyn Eastern District Terminal. The 1965

Sanborn figure depicts three railroad spurs extending into the property from the west. Other Sanborn maps depict oil truck parking operations occurred from approximately 1978 until 1982. As of 1984, the parcel appeared to be a paved parking lot.

In September 1987, NYSDEC issued a solid waste management facility ("SWMF") permit to North 12th Street Transfer Corp. ("North 12th Street") to operate a construction and demolition debris ("C&D") transfer station in the southwest corner of Parcel 4 (NYSDEC, 1987). In its application, North 12th Street proposed a ¼-acre facility that was comprised of unpaved areas for dumping of material, salvage, and equipment storage. North 12th Street estimated that it would process up to 1,000 cubic yards of construction and demolition debris such as wood, dirt, steel, concrete, and plaster per day. Its application described the Site as being "unvegetated (rock, earth, or fill)" and predominately "dirt & rock" with 0 acres of "roads, buildings, and other paved surfaces." North 12th Street indicated that it would remove "zero tons" and "zero cubic yards" of natural material such as rock and earth as part of the transfer station construction (Levy, 1987). In September 1988, North 12th Street's SWMF permit expired and it was not renewed by NYSDEC. North 12th Street continued to operate the C&D transfer station without a permit. North 12th Street's 1991 site plan, submitted as part of an attempted permit renewal, depicted the entire site as concrete paved with storage areas paved with asphalt and drainage conveyed to drains connected to a combined city sewer (IPB, 1991). In February 1991, North 12th Street entered into a Consent Order with NYSDEC for operating the C&D facility without a permit since 1988 and were ordered to pay a penalty of $22,250. It is unclear whether North 12th Street continued to operate the facility without a permit after the issuance of the Consent Order (NYSDEC, 1991). In 1994, individuals associated with North 12th Street were indicted on federal conspiracy and bribery charges related to illegally dumping C&D debris at Fresh Kills Landfill without paying standard fees (The City of New York Business Integrity Commission, 2007). By 1994, the C&D operations at Parcel 4 appear to have ceased as the parcel appears to be fully paved and free of debris in aerial photos (USGS, 1994).

The parcel was developed between 1996 and 2001 into multiple adjoining buildings, the easternmost of which was interconnected with the warehouse on Parcel 3. It appears fill was used to level the property at this time because railroad ties, which appeared to be in place, were found, in N. 11th Street, approximately 3 feet below present-day street level during the 2022 field activities. This fill wedge is composed of concrete and rebar at the surface underlain with soil and gravel. This fill wedge ranges from one foot near Parcel 2 to at least 9 feet near the East River. The origin of this fill wedge is likely offsite. The buildings were used for offices and document storage until January 31, 2015, when they were destroyed by a fire. The remnants of the buildings have been demolished and the parcel is currently vacant. In 2017 New York City acquired the property for its incorporation into Bushwick Inlet Park. The majority of the shoreline along the area investigated consists primarily of urban bulkhead and/or riprap. Edinger (2002) defines this condition as a constructed marine shore, which represents "a community in which the substrate is composed of broken rocks, stones, wooden bulkheads, or concrete placed so as to reduce erosion." Photographs of the concrete, timber, and riprap bulkhead along Parcel 4 are provided in Appendix D.

1.1.2. Non-MGP Parcel Histories

The history of the properties surrounding the former Williamsburg Works MGP is important to understanding the environment at the Site. A brief history of the surrounding area was developed through the review of selected historical maps, photographs, historic drawings from BUG, available Sanborn maps, and information presented in previous reports. Selected historical drawings, photographs, and Sanborn maps are included in Appendix C.

1.1.2.1. Parcel 5

Parcel 5 (Block 2294 Lots 1 and 5), located to the south of the former MGP footprint historically contained manufacturing and oil operations. These properties are currently a P site with NYSDEC (Site No. 224341). C. Pratt & Co. Oil Works occupied the property in 1868 (Sanborn map), with the exception of a row of residential buildings along Kent Avenue. A large section in the center of the property is noted on the map as used for the storage of oil in barrels.

On the 1905 Sanborn map, the Standard Oil Co. Pratt Works appeared to operate in the eastern and central portions of Parcel 5, and the residential buildings were still present along Kent Avenue. SOCONY and Pratt Works (acquired by SOCONY in 1874) both performed oil refining, packing, and shipping operations (Tarbell, 1904). The eastern portion contained 11 tanks marked as refined oil storage and one unmarked iron tank. The central portion of the property noted barrel storage and shipping, as well as barrel printing and storage.

SOCONY and Pratt Works continued to occupy the property on the 1916 Sanborn map. By then, the unmarked iron tank was removed, and four more oil storage tanks were present. The storage capacity of the six of the refined oil tanks were provided and ranged from 14,000 to 375 petroleum barrels (BBLS). Two SOCONY piers were located at North 10th and North 11th Streets (War Department, 1926). One pier had one steam endless chain barrel elevator and two 6-inch pipelines for the “receipts of bulk oil, gasoline, refined oils, and empty barrels, and shipments of refined oils in barrels, and fuel oil.” SOCONY continued to operate the two piers for the receipt and shipment of petroleum products and drums/barrels on the East River, with records indicating continued operation ongoing through 1932 (War Department, 1932) (Appendix C).

1941 Sanborn indicates the property was occupied by the Brooklyn Eastern District Terminal and that the oil storage tanks, coal pockets, and cooperage previously depicted on maps had been removed. At this time, the Brooklyn Eastern District Terminal occupied multiple properties along the East River. From 1942 to 1946, the property was used primarily for bulk flour storage and rail lines. One chemical storage building was depicted to the southwest of the property along North 10th Street.

In 1982, property operations remained very similar, according to the Sanborn map of that year. One exception was the additional railroad lines and spurs through the northern portion of the property into the former Williamsburg MGP. Additional buildings had been constructed to the north, adjacent to the railroad spurs, for lockers and general storage. A warehouse was constructed on the property in the 1990s and was used by CitiStorage for document storage until circa 2021. This warehouse was

demolished in 2024 and 2025. In 2017 New York City acquired the property for its incorporation into Bushwick Inlet Park.

This use of this property by oil-related industries and manufacturing for processes indicates it is a potential additional NAPL source area. Additional information on the environmental conditions at this property is discussed in subsection 1.4.

1.1.2.2. Parcel 6

Parcel 6 located north of the MGP footprint at Block 2277 Lot 1 has also been used for petroleum product manufacturing, as a refinery, and as an oil terminal. This property is currently a P site with NYSDEC (Site Nos. 224402 and 224055A), Voluntary Cleanup Program Site No. V00587, and State Superfund Program Site No. 224055A. Until recently, the property was used as an oil storage facility. This property has been operated by Pratt Works, SOCONY, Exxon Mobil, Paragon Oil Co. (a Division of Texaco, Inc.), Bayside Fuel Oil, TransGas Energy Systems, Motiva, and Sunoco. The property is currently vacant.

Charles Pratt and Company began operations at the Astral Oil Works, a kerosene refinery, in 1867 (Wilson, 1918). The refinery was located between N. 12th Street, 1st Street (now Kent Avenue), the East River and Bushwick Inlet. Around 1875, barges delivered feedstock oil to the plant where it was pumped through pipes and into receiving tanks. The oil was then distilled leaving a solid residue byproduct (Forbes 1959). By 1872, the Astral Oil Works was rated at a capacity of 1,500 barrels of oil per day, making it one of the three largest oil companies around Manhattan. Astral Oil Works became part of the Standard Oil Trust in 1874 (Tarbell, 1904) (Explosion, 1880). Circa 1883, oil was also delivered to the facility via pipeline from the Standard Oil Works on Newtown Creek (Brooklyn Daily Eagle, 1883).

The Astral Oil Works had the rated capacity of a daily output of illuminating oils in excess of 1,100 barrels, or about 1,200 barrels of refined oils of all kinds, including naphthas. The process used four horizontal cylindrical stills surrounded by brick masonry each charging 830 barrels. A flow chart of the operations is provided in Appendix C. According to this graphic, the process yielded approximately 1.5 percent gasoline, 1 percent naphthas, and 66 percent kerosene in the form of either the highly refined “Astra” illuminating oil or ordinary grade illuminating oil. Acids and caustics were added to remove the impurities following the distillation. Six additional small, horizontal cylindrical stills also took charges of 50 barrels each. In addition, Pratt used several small steam stills which were used exclusively to refine gasoline and naphthas (Williamson et al, 1959). In 1900, Standard Oil reported the 7.8 million gallons of tar were produced and sold at the Pratt refinery in Williamsburg and in 1907, 13 million gallons of tar were produced and sold at the Pratt refinery in Williamsburg (Appendix C). Tar would have been produced during the entire duration of refining operations, which occurred until 1923.

The 1887 Sanborn map identifies use of the property by Pratt Manufacturing. The northwestern section of the property was used primarily for manufacturing tin cans, boxes and barrels. The southeastern portion of the property contained the majority of the oil refining operations. There are several tanks depicted on the property, including: five labeled as tar tanks, others labeled as gasoline, oil, and others without labels. The five tar tanks include: three round tanks and one rectangular tank in the center of the property, and one round tank in the southeast corner of the property, near the intersection of North

12th Street and Kent Avenue. The purpose of storing tar on the property is unclear. Depending on oil prices, plants were known to alternate between the use of coal and crude petroleum as feed stocks (Gesner 1865). This coal distillation process is very similar to the MGP coal carbonization process, and the tar produced from both processes would be chemically similar (Scientific American 1974). The tar tanks may have been used as fuel to heat the boilers. Coal trestles from the east and west and south lead to a coal bin that was located in the center of the property. Coal was also the source of heat for the refining process. The December 1900 Standard Oil Co. of NY Pratt Works Business Analysis gives the following income breakdown: approximately 46 million gallons of crude oil sold, 9.5 million gallons of naphtha, 390,000 gallons of gas oil, 7.8 million gallons of tar (itemized separately from asphalt and pitch), and 316,000 gallons of acid oil. The property across the street from Kent Avenue, identified as Block 2282, Lot 1 (see Section 1.1.2.3 for more information), is also owned and operated by Pratt Manufacturing.

Several additional tanks are shown in the 1905 Sanborn map with the caption SOCONY. The round tar tank in the southeast corner and the rectangular tar tank in the center of the property shown in the 1887 map were no longer depicted. The remaining three tanks labeled as tar on the 1887 map were labeled as metal clad and metal lined on wood frame tanks, without indication of their contents. There were six iron tanks containing naphtha at the corner of N. 12 Street and Kent Avenue. The coal trestle which extended from the north and south of the property in the 1887 Sanborn map has been replaced with a coal bin with two large coal piles in the center of the property. A 16-foot-wide underground tunnel approved for construction in 1882 connects Parcel 6 with the property across Kent Avenue. The tunnel was used to contain pipes for the conveyance of oil, steam, water, foam, etc. between the properties (City of New York, 1921).

Multiple newspaper articles dated between 1871 and 1910 document the occurrence of several fires at the plant that resulted in burning of tar and oil tanks and releases of product to the environment. On one occasion, the entire property was destroyed. The NY Times 1873 article titled “Great Fire” references constant bursting of stills with flames and sparks drifting toward the gas works facility. During a fire at Pratt’s Astral Oil Works in 1880, one of Pratt’s agitators exploded, resulting in 90,000 cubic ft of gas from one of BUGs gasometers escaping (Explosion, 1880). The New York Times article published on May 10, 1910 documents several explosions followed by a catastrophic fire within the canning and filling building located on the western portion of the parcel, near the East River. Another article cites drainage from the SOCONY as the source of fire on Bushwick Creek (New York Times, 1909).

The 1941 Sanborn map indicates the property was used by SOCONY Pratt Works. Industrial property use was reduced with the construction of buildings used for office space, a restaurant, club house, and automobile storage. The stills that had been located along the southeast corner of the property are no longer depicted. The majority of tanks were located in the center of the property with no description of their contents.

The 1951 Sanborn map depicts similar property use as the 1941 Sanborn. However, the phrase, “not in use,” was noted above the SOCONY name. A 1954 aerial photograph confirmed the removal of the refining stills and equipment that had been located in the southeastern portion of property.

Since its operation by Standard Oil, the property has been owned and/or operated by many parties, including Paragon Oil Co. (a Division of Texaco, Inc.); Sunoco, Inc.; Motiva Enterprises LLC (Block 2590, Lot 100); Buckeye Partners, L. P; and Bayside Fuel Oil Depot Co (Bayside).

The 1965 Sanborn maps depict a substantial change in property structures and ownership. The property was used by Paragon Oil Company Division of Texaco Inc. and all, but one, formerly existing buildings appear to have been removed as well as all the former tanks. Ten new tanks are shown:

- Four 500,000-gallon tanks for gasoline.
- One 212,000-gallon tank for kerosene.
- One 1,050,000-gallon tank for No. 2 fuel oil.
- One 840,000-gallon tank for No. 4 fuel oil.
- Two 212,000-gallon tanks for diesel oil.
- One 1,206,000-gallon tank for No. 6 fuel oil.

A truck loading area is shown on the eastern portion of the property.

The 1978 Sanborn map notes the addition of a garage on the eastern portion of the property. Property conditions remain unchanged through the 1982 Sanborn map. Sometime after 1982, the property was converted for use by Bayside. The ten tanks and truck loading area were in use through 2011, until Bayside Fuel began dismantlement. The NYSDEC Bulk Storage Database lists Bayside Fuel as Major Oil Storage Facility (MOSF), Site Number 2-1240. Bayside was also listed as Chemical Bulk Storage (CBS) with site number 2-000222, which expired on February 8, 2004. A building located south of the tanks, which remained through the property transformation, was used as office and warehouse storage space for Bayside and the upper floors were rented out as studio space. New York City acquired Block 2277, Lot 1 in 2016 for its incorporation into Bushwick Inlet Park. All structures including the oil tanks have been removed from the property by 2019.

This historical use of this property for a variety of oil-related industries and manufacturing processes indicates it is a potential additional NAPL source area. Five spills have been reported at Parcel 6. Materials spilled were coal tar pitch volatiles, gasoline, methyl tertiary butyl ether (MTBE), and creosote and are discussed in Section 1.3.2, below. Additional information on the environmental conditions at this property is discussed in subsections 1.3.2 and 1.4.3.

Chemical data analysis of soil, sediment, and NAPL samples was conducted by Exponent to provide an understating of the distribution, concentrations, and potential sources of contamination within the areas sampled. Their findings and conclusions are described in a report provided in Appendix E and Section 4.

1.1.2.3. 25 Kent Avenue

The 25 Kent Avenue property is located northeast of the MGP footprint at Block 2282 Lot 1 (Fig. 2). Oil storage tanks are shown on the 1868 Sanborn map. The 1887 Sanborn map indicates the property was used by Pratt Manufacturing Company. Bleachers, agitators, and a pump house are shown. The 1905

and 1916 Sanborn maps indicate the property was used by Standard Oil Co Pratt Works and shows tanks and a pump house. The 1941 Sanborn map indicates the property was used by SOCONY, Pratt Works; however, the property is vacant except for a pump house and adjacent structure. The Refinery operated until 1949. The Hildreth Varnish Company operated on the property east of the refinery until at least 1942. Varnish works are shown, in the middle portion of the property, on historical maps dating back to 1868.

By the early 1950s, the property was occupied by metal and lumber storage yards and a paint manufacturer. Between the mid-1960s and late-1970s, the paint manufacturing building was converted to a warehouse and several of the other structures at the central portion of the property were demolished. By the mid-1980s, the property was occupied by an equipment rental facility and storage yard. The westernmost structure was demolished in 2012, and the Site was vacated sometime after April 2014. The Decision Document states that soil and groundwater at the site was impacted by VOCs, SVOCs and metals to a depth of approximately 15 feet. Visibly petroleum impacted soils were found in several areas where USTs were once located. Chlorinated VOCs were also detected in soil vapor samples. The property was remediated under the Brownfield Cleanup Program (C224207). The Certificate of Completion was issued in December 2017. As of 2016, the property was owned by 19 Kent Acquisition LLC. In 2017 a commercial/office building was constructed.

1.1.3. Petroleum Sources

During the course of performing the RI fieldwork, impacts including petroleum-related odors, sheen, and staining in soil were encountered. These non-MGP NAPL impacts are un-related to the MGP and attributable to several sources with operations on or adjacent to the Site including:

- The former New York City Department of Sanitation (NYCDOS) garage at the Site
- Pratt Works
- Exxon Mobil
- Standard Oil Company of New York (SOCONY)
- TransGas Energy Systems
- Paragon Oil Co. a Division of Texaco, Inc.
- Motiva
- Sunoco
- Bayside Fuel Oil's operations adjacent to the Site
- Consolidated Edison Pipeline #7

See Fig. 3 showing the location of these historic petroleum facilities relative to the MGP parcels and the historic petroleum plume locations identified by Metcalf and Eddy of New York based on previous investigations in the mid-2000s.

1.2. Physical and Environmental Setting

The Site is located in the Williamsburg neighborhood of Brooklyn, New York. Brooklyn, New York is located on the eastern end of Long Island.

A commercial building is located on Parcel 1 and is zoned for industrial use (M1-2 or light manufacturing). Parcels 2 through 4 are zoned for heavy manufacturing use (M3-1); however, Parcel 2 is currently redeveloped as a park, and Parcels 3 and 4 are currently vacant and capped with asphalt and concrete, respectively.

The properties adjoining the Site, and in the surrounding neighborhood, primarily include commercial and park properties. The properties immediately south of the Site include park properties; the properties immediately north of the Site include park properties; the properties immediately east of the Site include commercial and industrial properties; and the East River is located west of the Site.

The Site is relatively flat with a subtle downward slope to the northwest towards the East River, the southeastern portion of the Site being the topographic high point. Topographic elevations across the Site range from approximately 21 feet North American Vertical Datum (NAVD) to 4 feet NAVD. The East River is located adjacent to the western boundary of the Site.

Storm water runoff drains into the sewers in the streets surrounding the Site.

1.2.1. Regional Geology

Beneath the RI study area, the following geologic materials are present in stratigraphic order (from shallowest to deepest):

- Fill
- Alluvial deposits
- Glacial deposits (glacial till, glacial outwash, glacial lacustrine [lake])
- Bedrock (Fordham Gneiss)

A detailed discussion of the site-specific geology and hydrogeologic findings is presented in Section 3 of this report. The sections below discuss the regional geology and hydrogeology so that the reader can gain an understanding of how the Site fits into the regional geologic framework. The following discussion of regional geology is presented in order of increasing depth.

Fill is defined as soil or rock used to raise the surface of the ground (Lauber, 2014). Fill, dating from as early as the mid-1800s, has been reworked to the current grades.

Holocene age marsh/alluvial deposits consist of sand, silt, organic material along stream channels and marshes, and have a maximum thickness of 50 feet within limited areas of Kings and Queens County (Busciolano, 2002). Organic clays and peats are found along the East River and Bushwick Inlet.

The Upper Pleistocene glacial deposits overlie the Fordham Gneiss near the Site. Glacial deposits in the vicinity of the Site consist of terminal moraine and ground moraine deposits, which consist of poorly sorted mixtures of clay, silt, sand, gravel, and boulders, and glacio-fluvial outwash deposits consisting of moderately to well-sorted sands and gravels, and typically range in thickness between 100 and 200 feet (Cartwright, 2002).

Bedrock beneath the Site is the Fordham Gneiss, which is described as a metamorphosed, medium- to coarse-grained igneous rock unit of Precambrian Age (Brock and Brock, 2001). Regional down-warping of bedrock has resulted in a southeast-dipping bedrock surface of approximately 80 feet per mile (United States Environmental Protection Agency [USEPA], 1983 and Cartwright, 2002). Bedrock elevations within the vicinity of the Site are approximately -100 feet National Geodetic Vertical Datum 1929, according to Buxton et. al. (1981). Bedrock was not encountered in RI borings. Bedrock was encountered at 99 feet [-87.27 feet NAVD] in URS boring WW-SB-102 completed at Parcel 2, installed as part of their pre-design investigation (PDI) (URS, 2013).

1.2.2. Regional Hydrogeology

Four regional groundwater aquifers are present in the Long Island area in order of increasing depth:

- The Upper Glacial Aquifer consisting of Upper Pleistocene glacial deposits. Localized Holocene marsh and alluvial deposits (including clayey and silty deposits) and fill are present at the Site. These materials are typically less permeable than the underlying aquifers and may create locally confined conditions (Busciolano, 2002).
- The Jameco Aquifer consisting of the Jameco gravel.
- The Magothy Aquifer consisting of the Late Cretaceous Magothy Formation and Matawan Group deltaic deposits.
- The Lloyd Aquifer consisting of the Lloyd Sand Member.

The Lloyd Aquifer, the Magothy Aquifer, and the Jameco Aquifer do not extend northward and westward to the Site and its vicinity (Busciolano, et al., 1998 and Busciolano, 2002). As such, discussion of the regional hydrogeologic units focuses on the Upper Glacial Aquifer and the confining unit that bounds it.

The Upper Glacial Aquifer is generally unconfined; however, it can be locally confined by the presence of silt and clay layers within moraine deposits. Groundwater within the Upper Glacial Aquifer flows west to southwest towards the Upper New York Harbor. The horizontal hydraulic conductivity of glacial outwash deposits of the Upper Glacial Aquifer on Long Island was calculated at 270 feet per day [9.5 x 10-2 centimeters per second (cm/s)] (Cartwright, 2002) and are likely retarded to 135 feet per day (4.4 x 10-2 cm/s) in localized poorly-sorted moraine deposits (Cartwright, 2002).

Glaciolacustrine clay acts as a hydrologic confining unit where it is present in the Upper Glacial Aquifer deposits. This clay deposit consists of a cohesive, dense, red to brown to gray, clay with varying amounts of fine sand with varves of silt and fine sand. Similar deposits present within New York Harbor are described by Meguerian (2003).

1.2.3. Regional Water Use

Potable water is currently provided to the Site and surrounding area by the New York City Water Supply System. The water supply is transported by a series of aqueducts from interconnected watershed areas, the Catskill/Delaware Watersheds and Croton Watershed, located 50 to 125 miles north of New York City. According to Cartwright (2002), the use of groundwater for public supply in Brooklyn was discontinued by 1947. Historic groundwater reversals, due to pumping for industrial and public water supply, between 1904 and 1947 have been documented (Buxton, 1981).

An environmental database search for available federal and state well data within the vicinity of the Site was performed by Environmental Data Resources, Inc. (EDR). The EDR report identified that there is one public water supply well (PWS ID: NY0007257) within a 1-mile radius of the Site, and information on groundwater depth is not provided within the EDR report. The well is located to the south-southeast, up gradient of the Site, near the intersection of Metropolitan Avenue and N. 6th Street in Brooklyn. A search of the United States Geological Survey (USGS) National Water Inventory System listed twenty-one wells within a 1-mile radius of the Site. None of the identified wells are within ¼ mile of the Site. The full EDR report is included in Appendix F.

1.3. Environmental Records

The record search was completed for the former Williamsburg Works MGP as part of the 2008 RI Work Plan included the review or evaluation of the following:

- For potential releases on Site, GEI reviewed the NYSDEC's:
  - On-line Spills Incidents Database Search.
  - Environmental Remediation Database Search.
  - Bulk Storage Database Search.
- For environmental data, potential hazardous waste storage sites, and potentially responsible parties (PRPs), GEI relied upon information from:
  - EDR, a commercially available environmental database, searched January 15, 2008.
  - Available Sanborn maps dated 1887 through 1996.

EDR environmental database searches and Sanborn maps are attached in Appendices C and F.

A Freedom of Information Law (FOIL) request letter was submitted to the NYSDEC to obtain environmental records for the Site and abutting properties. NYSDEC provided correspondence and spill report information pertaining to the adjacent Parcel 6 (Site V00587 and P Site 224341) in response to the FOIL request. No information pertaining to the former Williamsburg Works MGP and the other adjacent non-MGP parcels was provided.

Fig. 7 presents a summary of the environmental records search information.

1.3.1. Former Williamsburg Works MGP Parcels

The NYSDEC Environmental Site Remediation Database lists Williamsburg Works (Site Code: 224055) within the State Superfund Program as a Class A site, which denotes that a remedial program is underway but not yet complete. Three spill incidents were listed for Parcel 2 between 1978 and present. The spill incidents indicate that diesel was spilled at Parcel 2 multiple times due to equipment failure, tank failure, and housekeeping in 1994 and 1996. Gasoline was also spilled as a result of a tank failure in 1996. In these three spill instances, Brooklyn North 01 DOS-DDC is listed as the spill name. In 2016, during the redevelopment of Parcel 2 to its current site conditions (municipal park), an unknown volume of petroleum was released on site, but the spill was closed within the same year. There was an additional petroleum spill reported at Parcel 3 in 1986, although the quantity was unknown/not reported. No other spill incident records were found by GEI for the Parcels comprising the former Williamsburg Works MGP.

The former NYCDOS District 1 Garage was a petroleum bulk storage (PBS) facility (Site number 2-456098), according to the NYSDEC Bulk Storage Database. The PBS license expired May 17, 2010. Tank information from NYC lists three underground and nine above ground tanks, all with a closed status. One 2,000-gallon gasoline underground tank (number 003) is listed as closed in place; the 11 other tanks are listed as removed. Several USTs were removed during the Parcel 2 IRM (AECOM, 2018).

The EDR environmental records report documents three underground storage tanks on Parcel 2 (Fig. 3). Two, 2,000-gallon diesel USTs were closed and removed in 1997 and one, 2,000-gasoline UST was closed in place in 1995. The property was occupied by a NYCDOS garage during the time of tank closures.

1.3.2. Non-MGP Parcels and Adjacent Streets

Multiple spill incidents were reviewed for streets and properties adjacent to and within one block of the former Williamsburg Works MGP.

Five spills have been reported at Parcel 6, which is located to the north of the site across North 12th Street. Three of the spills at Parcel 6 report coal tar pitch volatiles as one of the materials spilled. Gasoline, MTBE, and creosote were also reported as materials spilled. These spills include Chevron's Spill No. 9804544 which is discussed further in Section 1.4.3.3 below. A spill was reported within the Consolidated Edison Company of New York vault located at the corner of Kent Avenue and N 11thStreet in 2012, where 3 gallons of petroleum were spilled onto the asphalt (impervious surface). The spill was closed within the same year. A spill was reported at both manholes located on the corners of Kent Avenue and N 11th Street and N 12th Street, respectively, which was deemed closed in 2017. Spill number 0203699 was located at a manhole and transformer vault on the south side of North 12th Street between Kent Avenue and the East River. Over 400 gallons of unknown oil was observed in the manhole on July 8, 2002. The EDR spill report states this material is possibly No. 6 fuel oil from a Consolidated Edison Company of New York fuel line spill in 1992. The manhole and transformer vault were steam cleaned and double washed by Clean Harbors on July 9, 2002. Inspections following cleaning noted oil leaking from the wall and ceiling seams. Lab analysis indicates the substance is similar to a degraded mixture of light and heavy fuel oil. Notes in the report state the structures were initially impacted by a

leak in Pipeline #7 at the corner of Kent Avenue and North 12th Street with a heavy fuel oil ID from the structure. All reports have a closed status.

The EDR radius report references oil spill stipulation (Spill No. 9804544) at Parcel 6 which is also included in the NYSDEC spills database search.

1.4. Other Environmental Investigations

Previous environmental investigations have been conducted at and adjacent to the Site. Approximate on-site sample locations from previous investigations are shown in Plates 1 and 2. The reports are included in Appendix B. The findings of these investigations for the area investigated during this RI are summarized below.

1.4.1. Parcel 1

No known prior investigations.

1.4.2. Parcels 2, 3, 4, and 5

Multiple investigations were completed at Parcel 2 during NYCDOS operations. VOCs, heavy metals, and free phase diesel fuel were observed during these investigations as summarized below. During the investigations and/or subsequent removal actions, between 2000 and 2004, 6,402 gallons of contaminated fluids (including 131 gallons of free product) were removed from wells on the property. In 2004, an area around a well with free product was excavated. No NYCDOS reports are available for this property after January 2005.

Site Investigation (SI) and Cost to Cure Reports were prepared for the New York City Department of Design and Construction (NYCDDC) in 2006 and 2007, respectively, in preparation for developing the property as a park. These reports describe impacts by alleged responsible parties including: the former petroleum distillery operations, known and unknown off-site historic petroleum releases, the former USTs (including the one closed in place), the former MGP operations, and off-site industrial operations located along the East River. The petroleum plume identified during the SI is shown in Fig. 3 of this report. These reports also describe the conceptual plans for the park and provide potential remedial cost estimates.

1.4.2.1. 1995-1996 - NYSDEC Correspondence and Internal Memorandum (Parcel 2, only)

A May 17, 1995, letter from the NYSDEC to the New York City Department of General Services (NYCDGS) indicates the presence of high concentrations of heavy metals discovered in a 1992 investigation.

In a letter dated June 7, 1995, the NYSDEC reports to the NYCDGS that the NYCDOS submitted a 1992 report prepared by Soil Mechanics Environmental Services. The report indicates there are areas of soil contaminated with heavy metals, including barium, lead, and mercury, on the Parcel 2. The NYSDEC requested the collection of additional samples in the areas of heavy metals to confirm the presence of potential hazardous waste and to further delineate the areas of contamination.

The 1992 Soil Mechanics report was not available for review with the exception of Figures numbered 2, 3, 7, 10, and 11. The figures depict 12 soil borings (B-1 through B-12) and eight monitoring wells (MW-1 through MW-4 and MW-6 through MW-9) with summaries of contaminant concentrations. Lead, Total Petroleum Hydrocarbon (TPH) Content, and total Benzene, Toluene, Ethylbenzene, Xylene (BTEX) were detected within Parcel 2.

Two NYSDEC office memoranda (memos) (dated February 1 and March 27, 1996) discuss an Investigative Summary and Remedial Plan (ISRP) from the NYCDOS for Parcel 2. Previous property uses mention a long history of non-petroleum related industrial use including landfilling, coal gasification, and sheet metal operations. The March 27 memo mentions extensive heavy metal and VOC soil and groundwater contamination across the entire property. The February 1 memo states:

> "Lead concentrations range up to 1,420 parts per million (ppm) in the soils and exceed class GA groundwater standards. Mercury was found in borings at concentrations up to 1.28 ppm. Boring logs also indicate the presence of elemental mercury. Trichloroethylene was found in one boring. Thousands of ppm of several chlorinated compounds were found in groundwater."

GEI believes it is unlikely that elemental mercury was present in the boring logs based on the 1.28 ppm concentration of mercury detected in the analytical sample.

Most of the metals and VOC concentrations are above the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046 guidelines, but none of the samples failed for Toxicity Characteristic Leaching Procedure (TCLP) analysis. In the March 27 memo, the NYSDEC recommends the addition of Parcel 2 for "P" delineation as a potential hazardous waste site, and also recommends limited remediation for petroleum-related contaminants. The memo also states that further investigation and likely more extensive remediation will be required for the property.

A September 13, 1996, Raritan Enviro Sciences, Inc. (RES), inter-office memo RE: NYCDDC Contract PW348-04, Subject: Report of Free-Phase Petroleum Product at NYCDOS Brooklyn North 1 Site reports that on September 11, 1996, free phase petroleum product appearing to be diesel fuel was discovered for the first time in MW-2 located adjacent to the motor fuel tank system at the property. The product appeared to be a result of loss, which occurred earlier in 1996, from the active NYCDOS diesel tank system. Also noted in the memo is that during the attempt to develop MW-3, dense non-aqueous phase liquid (DNAPL) was observed. It was recorded as "possible free-phase coal tar residuals and/or creosote." RES recommended the skimming off of petroleum product in MW-2 with a passive recovery system. Further discussion between all the NYCDDC, NYC Law Department, NYCDOS, and NYSDEC was proposed regarding the product in MW-3.

An October 18, 1996, letter from the NYSDEC to the NYC Law Department provides comments on and conditional approval of the Phase Two Remedial Investigation Work Plan at the NYCDOS Brooklyn North 1 Site.

1.4.2.2. 2004-2005 – LiRo Engineers, Inc. (Parcel 2 only)

First and fourth quarter 2004 Monitoring Reports by LiRo Engineers Inc. (LiRo) were submitted to NYSDEC describing current conditions, progress of remediation, and future recommendations for the NYCDOS Brooklyn North 1 facility located at Parcel 2.

LiRo reports that in 2004 the NYCDOS facility consisted of a 44,000-square foot garage, used for vehicle storage and maintenance, bordered to the east by a 34,000-square foot parking lot. One 2,000-gallon gasoline and two 2,000-gallon fuel oil USTs, located in a common vault, are identified as closed in place. The LiRo report states that the USTs had reported leakage associated with piping failure and approximately 15 yards of visibly contaminated soil was removed from around the tank ports during closure. One petroleum spill was reported to NYSDEC for the property, in 1994. The assigned spill number is 94-01167.

The first quarter LiRo report references a letter dated February 7, 2002, where NYSDEC approved a plan to use a combination of oxygen release compound (ORC), bio-nutrient slurry, and vacuum enhanced fluid recovery (EFR) to address petroleum impacts associated with NYCDOS activities, including those discussed earlier in this Section 1.4.2.

Applications of bio-nutrient slurry began in January 2003 and continued once per week for six consecutive weeks. Each application consisted of bio-nutrient slurry being injected into each of 30 new bioremediation wells. On February 27, 2003, and August 27, 2003 ORC was applied to each of the 30 new wells.

During the work in 2003, a persistent plume of diesel fuel free product was identified around MW-2, and kerosene free product was intermittently observed in LW-1 and LW-2 located north across N 12th Street. LiRo states that the kerosene is not attributed to NYCDOS operations. From 2000 through April 2004, as part of the remediation of the NYCDOS property, LiRo removed 6,402 gallons of contaminated fluids, of which approximately 131 gallons were free product.

Both the April and January 2004 groundwater sampling results indicated that groundwater quality in the treatment area was generally stable or contained slightly higher VOC concentrations than previously measured and that dissolved oxygen levels continued to be high. NYSDEC requested that LiRo either install a product skimmer in MW-2 or excavate the area.

In December 2004, an area of approximately 10- by 10- by 7.5-feet deep was excavated around the MW-2 location where diesel fuel free product had been observed. No free product was observed within the excavation limits. Soil samples were collected from the four sidewalls and bottom of the excavated area before backfilling. Analytical results showed elevated SVOC concentrations in all five samples and elevated VOC concentrations in four of the five samples. MW-2 was replaced in January 2005. LiRo proposed adding two additional wells to the quarterly sampling plan and surveying the existing wells.

1.4.2.3. 2006 – Metcalf and Eddy of New York, Inc. (Parcels 2, 3, 4, and 5)

For the proposed construction of the Williamsburg Park (now Bushwick Inlet Park) by NYC, Metcalf and Eddy of New York, Inc. (M&E) conducted a SI for the NYCDDC. The SI was completed at a property

identified by the New York City Office of Environmental Coordination as, “west of Kent Avenue between and including North 10th and North 12th Streets, “an area which includes the former Williamsburg Works MGP and surrounding area.” The purpose of the SI was to evaluate the lateral and vertical extent of potential contamination in subsurface soil, sediment, and groundwater that may relate to historic and current operations.

A subsurface investigation of the study area (Parcels 2, 3, 4, and 5) was conducted, which included the following:

- Collection of 60 soil samples from 28 soil borings (BPB-1 through BPB-23, and LPB-1, LPB-6, LPB-11, LBB-12, LPB-15, and LPB-20). Soil borings were drilled to depths ranging from 27 to 68 feet below ground surface (bgs).
- Collection of 20 sediment samples from 9 sediment cores (ERS-1 through ERS-9). Sediment cores were drilled to depths ranging from 50 to 62 feet below the mud line of the East River.
- Collection of 13 groundwater samples taken from 9 newly installed wells (MW-1 through MW-9) and 2 previously installed wells (MW-7X and MW-8X).
- Soil and groundwater samples were analyzed for Target Compound List (TCL) VOCs, TCL SVOCs, polychlorinated biphenyls (PCBs), and target analyte list (TAL) metals.
    - Analytical results from soil samples were compared to the NYSDEC standards identified in TAGM No. 4046 (Recommended Soil Cleanup Objectives [RSCO] and Soil Cleanup Objectives to Protect Groundwater Quality [SCOPGQ]); Spill Technology and Remediation Series (STARS) Memo No. 1, TCLP Alternative Guidance Values; and Characteristics of Hazardous Waste published in Resource Conservation and Recovery (RCRA) and NYSDEC Part 371.
    - Analytical results from groundwater samples were compared to NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Memorandum (AWQSGV); and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.

Sample locations are shown in Fig. 2 of the M&E Report which is included in Appendix B.

The SI report describes analytical results of M&E sampling as follows:

- TCL VOCs were detected in 30 of the 60 soil samples above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS.
- TCL SVOCs were detected in 39 of the 60 soil samples above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS Alternative Guidance Values.
- PCBs were detected in soil samples but were below the NYSDEC TAGM criteria.
- TAL Metals were detected in all 60 soil samples, at levels above either the NYSDEC TAGM RSCO or the NYSDEC Eastern USA Background Criteria.

- Total Cyanide was detected in 10 of the 60 soil samples. There is no standard specified for total cyanide in either the NYSDEC RSCO or the NYSDEC Eastern United States of America (USA) Background Criteria.
- TCL VOCs were detected in 16 of the 18 groundwater samples above the NYSDEC TOGS Groundwater Criteria.
- TCL SVOCs were detected in 14 of the 18 groundwater samples above the NYSDEC TOGS Groundwater Criteria.
- PCB concentrations were not detected; however, the method detection limit of 1 microgram per kilogram exceeds the NYSDEC TOGS Groundwater Criteria.
- TAL Metals were detected in all 18 groundwater samples above the NYSDEC TOGS Groundwater Criteria.

The SI report describes the nature and extent of M&E's findings as follows:

- Visual petroleum impacts were described in 4 of the 13 soil borings at depths ranging from 5 to 19 feet bgs.
- Visual "tar" impacts were described in 11 of the 13 soil borings at depths ranging from 5 to 55 feet bgs.
- Visual petroleum impacts were described in two of the nine sediment borings at depths ranging from 14 to 30 feet bgs.
- Visual "tar" impacts were described in one of the nine sediment borings from 22-24 feet bgs.

The SI Report references and summarizes a number of previous investigations. Titles and summarized findings of these reports are listed below:

- A Phase I Environmental Site Assessment (ESA) was completed by Energy and Environmental Analysts, Inc. (EEA) in 1994 at 20 North 12th Street (Parcel 3). The report concluded that the historic use of the property and surrounding properties may have been a potential source of subsurface contamination at the study area.
- A Phase II Site Investigation was completed by EEA in August 1995 as a follow up to the 1994 Phase I. Six soil borings were installed. Analytical results indicated that PAHs were present at concentrations above the NYSDEC RSCOs, as well as exceeded values in one sample for Total SVOCs for the NYSDEC TAGM 4046 requirements. Metals were not detected significantly above the NYSDEC TAGM 4046 RSCOs. The report concluded that no action was needed to remediate the study area since the property was capped with a one-story warehouse building, asphalt, and concrete.
- A Phase I ESA was completed by EEA in April 1998 at Parcel 2. A UST was identified beneath the floor of the building. The tank was reportedly used as an oil/water separator for rainwater runoff from delivery trucks at the lumber company, which formerly occupied the property. This report also identifies 41 NYSDEC spill incidents within a half mile radius but concludes that

although soil and groundwater contamination has resulted from some of the spills, they are unlikely a significant source of contamination.

- A Preliminary Site Assessment (PSA) was completed by Montgomery Watson in November 1996 at the Kent Terminal Facility located west of Kent Avenue between North 5th and North 11th Streets (Parcel 5 is included as a portion of the larger study area). The Study area is adjacent to the southwest boundary of the former MGP. Six areas containing nine USTs (1 active) were identified as well as an underground No. 6 fuel oil pipeline located along Kent Avenue with four reported releases between North 5th and North 11th Streets between 1986 and 1996. Nine soil borings and four monitoring wells were installed immediately southwest of the SI Study area between North 9th and North 10th street. Soil samples were tested for total recoverable petroleum hydrocarbons (TRPH), TCLP, VOCs, SVOCs, RCRA metals, and PCBs. Analytical results did not identify any constituents in the soil above regulatory limits. Groundwater samples were tested for TRPH, chloride, salinity, VOCs, SVOCs, PCBs, RCRA metals, and dissolved RCRA metals. VOCs were detected above NYSDEC standards in one of the four groundwater wells. This report was also summarized by M&E below in Section 1.4.4.1.
- An Additional Site Investigation Report was completed by Montgomery Watson in May 1997 at the Kent Terminal Facility. Eight additional soil borings were installed between North 10th Street and North 11th Street. Organic vapors, staining, petroleum-like odors, and oily sheen were reported in the boring logs. Laboratory analytical results showed VOCs and SVOCs above the applicable guidelines in both soil and groundwater samples.
- A Limited Subsurface Corridor Investigation Report was completed by EMTEQUE Corporation in January 2003. During the work, one sample was collected from the Parcel 2 NYCDOS facility. The sample contained VOCs and SVOCs at levels greater than NYSDEC guidance values, as well as concentrations of mercury and zinc above the NYSDEC RSCOs.

“Tar” and petroleum plume maps were prepared by M&E based on the boring logs and observations made during the SI. The petroleum plumes (on and off site) identified by M&E is shown in Fig. 3.

1.4.2.4. 2007 - M&E (Parcel 2 Only)

On behalf of the NYCDDC, M&E prepared a Cost to Cure (CTC) report for the NYCDOS garage located at Parcel 2. The CTC was based on the findings of the 2006 SI report (summarized in Section 1.4.2.3).

The findings of the 2006 SI report, in summary, state the following:

- The study area contains contaminated historic fill from depths of 9 to 42 feet bgs.
- Petroleum hydrocarbons were detected in most borings within the study area from depths of 0 to 31 feet bgs.
- MGP contamination is mixed with petroleum contamination from depths of 5 to 31 feet bgs in the north and northeastern portions of the study area and along North 11th and North 12th Streets.

- The area had been impacted by the former refinery operations, known and unknown off-site historic petroleum releases, the former USTs closed in place at the NYCDOS yard (Parcel 2), the former MGP operations, and off-site industrial operations located along the East River.

NYC's conceptual site development proposed an 8,000-square foot paved walkway and a 72,000-square foot landscaped or vegetated, open space. Two remedial cost estimates were prepared based on whether the excavated soil would be disposed off-site or reused on-site. The cost estimate for off-site disposal was $1,522,000, while for reuse of the excavated contaminated soil on-site an estimated CTC was $600,000.

1.4.2.5. 2013 – URS Corporation (Parcel 2 Only)

URS Corporation (URS) completed a PDI of Parcel 2 to support an IRM that NYSDEC had directed National Grid to perform in 2015. The PDI investigation included the following:

- Completion of 11 soil borings (WW-SB-100 through WW-SB-110).
- Excavation of 14 tests pits (WW-TP-100 through WW-TP-113).
- Installation of two intermediate monitoring wells (WW-MW-100I and WW-MW-102I screened from 46.5 to 56.5 feet bgs and 49 to 59 feet bgs, respectively)
- Installation of one deep monitoring well (WW-MW-102D screened from 92 to 102 feet bgs).
- Gauging of existing monitoring wells.
- Hydraulic conductivity testing.
- Utility and subsurface infrastructure investigation.
- Baseline groundwater modeling.
- Noise and vibration study.
- Adjacent building foundation assessment.

The following were described on the URS boring/test pit logs:

- "Tar" impacts were observed in all 11 of the soil borings at depths ranging from 5 to 81 feet bgs.
- Petroleum impacts were observed in 3 of the 11 soil borings at depths ranging from 5.5 to 19 feet bgs.
- Contamination impacts, including "tar" and petroleum, were observed in eight of the 14 test pits at depths ranging from 1 to 10 feet bgs.
- Eight inches of DNAPL were recorded at WW-MW-13.

The PDI report concludes the following:

- No simply described pattern of contamination was observed, but the contaminant extent was consistent with the existing site conceptual model that describes "tar" contamination which migrated vertically downward from the former holders until reaching lower permeability lenses whereupon the NAPL migrated horizontally down gradient.
- Slug testing indicated that the soil has moderate to low permeability.
- Soils are poorly sorted and are considered moderately to very dense based on blow counts. Cobble lenses were encountered. The basal clay layer was observed to be very stiff.
- The geotechnical properties of the soil are conducive to the installation of shoring to aid in excavation, with the fines content assisting to reduce permeability. The clay layer would provide a firm base for shoring installation and tie-in. However, the presence of cobbles and fill debris would make some technologies, such as sheet pile, difficult to install.
- Test pits revealed frequent obstacles such as walls, pipes, and former holder tank walls that would require removal during the implementation of the IRM.

In 2013 URS completed a Supplemental PDI consisting of seven geotechnical borings (GR-1 through GR-7) along with geotechnical laboratory testing. The data collected generally confirmed previous findings but with a more precise delineation of geotechnical stratigraphy. Impacts observed in the Supplemental PDI borings were consistent with initial PDI boring logs showing "tar" impacts observed in all seven borings at depths ranging from 5 to 61 feet bgs and petroleum impacts in one of the seven borings from 25.5 to 27 feet bgs.

1.4.2.6. 2014 and 2015 – URS Corporation (Parcel 2 Only)

URS designed and managed the construction of 13 NAPL recovery wells (NRW-1 through NRW-13) as part of IRM activities for Parcel 2. Recovery well locations are shown in Plates 1 and 2. Screen intervals range from 7 to 62 feet bgs, with some wells screened at multiple intervals based on soil sample inspection during installation. Measurable DNAPL was observed in NRW1 through NRW-4, NRW-7 through NRW-10, and NRW-12 at thickness ranging from 0.1 foot in NRW-1 to 17.2 feet in NRW-10. URS, now AECOM recovers NAPL on a weekly basis from wells where NAPL has collected in the sumps.

URS collected NAPL samples on September 12, 2014, from NRW-2, NRS-7 through NRS-10, and a Verizon Manhole. A soil sample was also collected from the Verizon manhole and analyzed for dielectric fluid forensics. All samples were analyzed for extended PAHs/Biomarkers and TPH. Exponent performed forensics analysis of the results. Exponent's forensics analysis report is provided in Appendix E and in Section 4.1.2.2 below.

During the period December 2014 through January 2015, URS performed boring and test pit investigations at the 50 Kent Avenue parcel. The objective of this field effort was to gather additional information about potential obstructions to installation of support of excavation walls. URS installed 12 borings to a depth of 55 feet and excavated 9 test pits. During this investigation, three NAPL samples were collected and analyzed for extended PAHs/Biomarkers and TPH as discussed in Section 4.1.2.2 below.

1.4.3. Parcel 6

Parcel 6 is part of the NYCDDC planned Bushwick Inlet Park. In preparation for that development, a SI Report and Cost to Cure Report were prepared for NYCDDC in 2006 and 2007. These reports describe impacts by fill mixed with ash and cinders that was brought to the property, releases from petroleum storage operations, and off-site MGP impacts that migrated onto the property. These reports do not fully address the historic operations by Pratt Works on this parcel and do not acknowledge this on-site source when discussing the results of the investigations. The petroleum plume identified during the SI is shown in Fig. 3 of this RI report. These reports also describe the conceptual plans for the park and provide potential remedial cost estimates. A Site Characterization Report was prepared for ExxonMobil Oil Corp. in 2021 following an Order on Consent, to seek a closure of the existing Major Petroleum Facility License (MPFL) associated with the property's former entities and uses, and in preparation for future Site redevelopment. The City of New York is also a respondent. The Order on Consent expired on NYSDEC's approval of the SI report. This report concludes that the soil impacts are mostly SVOCs and metals typical of city historical fill, groundwater impacts are minimal, as well as noted "upgradient" groundwater impacts and DNAPL which they attribute to former MGP operations.

1.4.3.1. 2006 – M&E Site Investigation Report

M&E completed a SI at a property identified by the New York City Office of Environmental Coordination as the Bayside Fuel Oil Company located at 1-65 North 12th Street. The purpose of the SI was to evaluate the lateral and vertical extent of potential contamination in subsurface soil and groundwater that may exist from historic and current operations.

A subsurface investigation of the Parcel was conducted that included:

- Collection of 43 soil samples within 13 on-site and 6 off-site soil borings (B-7A, B-12A, B-13A, B-15A, B-16A, B-20A, B-24A, B-28/MW-28, B-29, B-30, B-31/MW-31, B-32, B-33/MW-33, B-34, BPB-4, BPB-5, BPB6/MW-2, BPB-9, and BPB-13/MW-4). Soil borings were drilled to depths ranging from 47.6 to 72 feet bgs.
- Collection of 23 groundwater samples, including 4 duplicates, from the 5 monitoring wells installed during the SI and 14 monitoring wells installed during a previous SI.

M&E submitted the *Site Investigation Report* to the NYSDEC in November 2006. The report describes the following nature and extent findings:

- Soil and groundwater samples were analyzed for TCL VOCs, TCL SVOCs, PCBs, and TAL metals.
    - Analytical soil samples were compared to the NYSDEC standards identified in TAGM No. 4046 (RSCO and SCOPGQ); STARS Memo No. 1, TCLP Alternative Guidance Values; and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.
    - Analytical groundwater samples were compared to NYSDEC TOGS 1.1.1 Memorandum (AWQSGV); and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.
- Visual petroleum impacts were described in the boring log for 1 of the 19 soil borings, boring B-15A from 9 to 11 feet bgs.

- Visual “tar” impacts were described in the boring logs for 2 of the 19 soil borings, in borings B-20A from 19 to 21 feet and BPB-13/MW-4 from 50 to 52 feet.
- TCL VOCs were detected in 17 of the 43 soil samples, above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS.
- TCL SVOCs were detected in 18 of the 43 soil samples, above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS Alternative Guidance Values.
- PCBs were detected in soil samples, but detections were below the NYSDEC TAGM criteria.
- TAL Metals were detected in all 43 soil samples, at levels above either the NYSDEC TAGM RSCO or the NYSDEC Eastern USA Background Criteria.
- Total Cyanide was detected in 3 of the 43 soil samples. There is no standard specified for total cyanide in either the NYSDEC RSCO or the NYSDEC Eastern USA Background Criteria.
- TCL VOCs were detected in 18 of the 23 groundwater samples, at levels above the NYSDEC TOGS Groundwater Criteria.
- TCL SVOCs were detected in 5 of the 23 groundwater samples, at levels above the NYSDEC TOGS Groundwater Criteria.
- PCBs were not detected; however, MDLs exceed the NYSDEC TOGS Groundwater Criteria.
- TAL Metals were detected in all 23 groundwater samples above the NYSDEC TOGS Groundwater Criteria.

The SI Report references and summarizes a previous Phase II Baseline ESA investigation performed at the property by TRC Environmental Corporation (TRC) in December 2002. The TRC report concludes the following:

- There is a significant amount of off-site MGP source material and “tar DNAPL” near the southeast and southwest corners of Parcel 6.
- On-site groundwater and soil have been impacted by the MGP source material. Groundwater impacts from the off-site sources extend across the property from the southeast corner to within approximately 60 feet of the Bushwick Creek Inlet.
- On-site soil is significantly impacted with petroleum from product storage and handling, and visibly impacted soil exists in many locations from near ground surface to 20 or more feet deep.
- Benzene was detected in groundwater at concentrations ranging from 6.5 micrograms per liter (ug/L) to 29,500 ug/L. The highest concentration occurred where “tar” appeared in the boring.
- Areas outside of Parcel 6 are contaminated with MGP material, petroleum, and materials inherent to urban fill. The Phase II Baseline ESA indicated that surrounding conditions (i.e., the former MGP) are comparable to or greater than the study area, which is significantly impacted by MGP, petroleum, and urban fill materials.

As of 2002, groundwater does not appear to be adversely impacting surface water beyond what would be considered background conditions.

According to Sanborn maps a Pratt Manufacturing Company tar tank was located at the southeastern corner of the property. GEI believes the alleged "off-site MGP source material and tar DNAPL" described above is based primarily upon visual observation and potentially limited analytical data. TRC did not conduct forensic analyses to substantiate their conclusions regarding contaminant sources. Absent a forensic analysis and given the complex property usage and that the Pratt Works kerosene process used coal as a starting material, it is possible that TRC's designation of "MGP tar" could be a misnomer related to Pratt Works operations; we believe forensic analysis would be required to substantiate the source of the petroleum and tar materials.

1.4.3.2. 2007 – M&E Cost to Cure Report (CTC)

On behalf of the NYCDDC, M&E prepared a CTC report for the Parcel 6 property. The CTC was based on the findings of the 2006 SI report.

NYC's conceptual site development proposed a 27,000-square foot paved walkway and 243,000 square foot park area. Two remedial cost estimates were prepared based on whether the excavated soil would be disposed off-site or reused on-site. The cost estimate for off-site disposal was $6,000,000, while for reuse of the excavated contaminated soil on-site an estimated CTC was $2,900,000.

1.4.3.3. 2008 – NYSDEC Spill Report, Former Chevron Facility

The NYSDEC provided a letter stating no investigation or response was required for a spill identified as case no. 9804544. The letter was addressed as the former Chevron facility. The report indicated ARCADIS BB provided a November 2007 Site Progress report regarding the spill. In April 2024 the NYSDEC provided a letter rescinding the no further action letter based upon NYSDEC's determination that additional investigation and response is required to address contamination on site that was not addressed.

1.4.3.4. 2021 – Roux Associates - Site Characterization Report, Former Bayside Fuel Oil Depot

The 2019-2020 Parcel 6 subsurface investigation under the Order to which ExxonMobil and the City of New York were respondents was conducted in two phases. The first phase, completed in January and February of 2019, included the following:

- Completion of a geophysical survey investigation.
- Completion of 40 soil borings (RXSB-1 through RXSB-40) and the collection of 171 soil samples.
- Installation of 10 temporary monitoring wells (RXSB-29 through RXSB-37, RXSB-39, and RXSB-40) and the collection of 14 groundwater samples (from the new temporary wells RXSB-29 through RXSB-37 and RXSB-39, as well as from existing monitoring wells MW-10 and WW-MW-18).

The second phase of the subsurface investigation, conducted in December 2019 and January 2020, included:

- Completion of a geophysical survey investigation.

- Advancement of 31 soil borings (RXSB-38 and RXSB-41 through RXSB-70) and the collection of 123 soil samples.
- Installation of 2 temporary monitoring wells (RXSB-39 and RXSB-41) and the collection of 3 groundwater samples from the two new wells.

Roux submitted the *Site Characterization Report* to the NYSDEC in February 2021. The following findings were described within the report:

- Soil and groundwater samples were analyzed for TCL VOCs, TCL SVOCs, and TAL metals.
    - Analytical soil samples were compared to the NYSDEC Subpart 375-6 Unrestricted Used Soil Cleanup Objectives (SCOs), Restricted Residential SCOs, Protection of Groundwater SCOs and Commercial SCOs.
    - Analytical groundwater samples were compared to NYSDEC TOGS 1.1.1 Memorandum (AWQSGV).
    - Additional "comprehensive" groundwater locations were analyzed for PCBs and Pesticides.
    - Emerging groundwater contaminants, including 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS), were analyzed from three temporary well locations.
- LNAPL (present in pore space, as well as measurable free-product) was observed in soil borings RXSB-14, RXSB-16, RXSB-24, RXSB-32, RXSB-33, RXSB-36, RXSB-38, RXSB-40, RXSB-45, RXSB-48, RXSB-51, RXSB-53, and RXSB-58. Residual petroleum impacts, including LNAPL, were likely present near the groundwater surface due to the high VOC concentrations.
- DNAPL (present in pore space, as well as measurable free-product) was identified within soil borings RXSB-4, RXSB-6, RXSB-38, and RXSB-58. Residual DNAPL impacts were noted around 21.5-22 feet bgs in boring RXSB-6, of which they attribute to MGP-related impacts that migrated from Parcels 2-4.
- TCL VOC exceeding RRSCOs were detected in 7 soil borings; the majority of impacts were noted close to the groundwater surface near the demolished ASTs.
- TCL SVOCs, particularly polycyclic aromatic hydrocarbons (PAHs), were detected in the majority of the soil borings. Exceedances of RRSCOs were predominantly detected in shallow, historic fill.
- TAL Metals were detected in Site-wide soil samples. Of the total 294 samples collected during both phases, RRSCO exceedances for metals were reported in 152 of the samples.
- PCBs were detected in 2 soil samples, collected from boring RXSB-38, which exceeded NYSDEC SCOs.
- Herbicides and pesticides exceeding RRSCOs were detected in 7 soil samples.
- PFAS compounds were detected in groundwater samples, however the source was deemed unknown.

The Site Characterization Report references and summarizes a number of previous investigations performed at the site, which have been reviewed and summarized in this Remedial Investigation Report. Titles and reported findings of these reports are listed below:

- A site assessment and remedial actions were performed on Parcel 6 after numerous historical spills. Petroleum-related soil and groundwater impacts were noted, as well as LNAPL, in the groundwater monitoring wells. A Remediation Plan was prepared which included soil extraction, EFR, and LNAPL extraction from monitoring wells. Additional remedial efforts included the removal of five USTs, periodic EFR, and soil excavation in impacted areas. A Human Health Exposure Assessment concluded MTBE and BTEX (gasoline additives and compounds) and were present in the groundwater at elevated concentrations. LNAPL removal and monitoring was later conducted, after which the NYSDEC decided no further action was necessary. The NYSDEC decision has been previously discussed in Section 1.4.3.3.
- Under the operation of a previous site occupant (Bayside Fuel Oil Company), No. 2 fuel oil was spilled onto an impervious surface (concrete) from an overfilled tank. However, fuel did not impact on-Site soil or water. The spill was closed within the year. A network of monitoring wells was maintained on Site to facilitate the MOSF Permit monitoring requirements; no LNAPL was detected in any of the monitoring wells.
- In 2006, M&E performed a SI on Parcels 2, 3, 4, and 5, which was previously reviewed in Section 1.4.2.3. In this investigation, 43 soil samples were collected from 19 on- and off-Site soil borings, installed to depths of 47.6 to 72 feet bgs. Groundwater samples were also collected from 19 monitoring wells. M&E reported visual petroleum impacts in 1 soil boring location, visual MGP-related “tar” impacts were noted in 2 soil borings, VOCs and SVOCs exceeding the TAGM soil criteria in 17 and 18 of the soil samples respectively, and PCBs were detected in soil samples. This investigation is discussed further in Section 1.4.3.1 above.

Roux concluded, similarly to the 2006 M&E Site Investigation Report, that the presence of benzene, MTBE and DNAPL within Parcel 6 is likely due to upgradient sources.

1.4.4. Other Investigations Adjacent to SI Study Area

1.4.4.1. 2006 – M&E Site Investigation 9th Street Equities LLC Property

For the proposed construction of the Williamsburg Park (now Bushwick Inlet Park) by the NYC, M&E completed a SI for NYCDDC at a property identified by the NYC Office of Environmental Coordination as the 9th Street Equities LLC Property, also known as the Levine Property, located at 86 Kent Avenue, Block 2301, Lots 1, 50, 60, and 70. This study area is located to the south of the former MGP footprint. The purpose of the M&E SI was to evaluate the lateral and vertical extent of potential contamination in subsurface soil and groundwater that may exist from historic and current on-site and off-site operations. This property is outside of the former Williamsburg Works MGP footprint; however, it overlaps with a portion of Parcel 5.

A subsurface investigation of the Parcel was conducted that included the following:

- Collection of 45 soil samples including one duplicate within 20 soil borings (LPB-1 through LPB-20). Soil borings were drilled to depths ranging from 25 to 51 feet bgs.
- Collection of 10 groundwater samples including one duplicate from 9 monitoring wells installed within soil borings advanced as part of the SI. Ten- to 20-foot well screens were installed to depths ranging from 15 to 24 feet.

M&E submitted the *Site Investigation Report* to the NYSDEC in August 2006. The report describes the following nature and extent findings:

- Soil and groundwater samples were analyzed for VOCs, SVOCs, PCBs, pesticides, and TAL metals.
    - Analytical soil samples were compared to the NYSDEC standards identified in TAGM No. 4046 (RSCO and SCOPGQ); STARS Memo No. 1, TCLP Alternative Guidance Values; and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.
    - Analytical groundwater samples were compared to NYSDEC TOGS 1.1.1 Memorandum (AWQSGV); and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.
- Visual impacts were not observed in any of the 20 soil borings.
- A VOC (acetone) was detected above the TAGM RSCO and/or TAGM SCOPGQ criteria in 5 of the 45 soil samples. Exceedances are attributed to likely laboratory contamination. Benzene was detected in two soil samples above the STARS TCLP Alternative Guidance Value. The samples were from borings LPB-6 from 7 to 9 feet bgs and LPB-12 from 5 to 7 feet bgs.
- SVOCs were detected in 30 of the 45 soil samples, at levels above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS Alternative Guidance Values.
- PCBs and pesticides were detected but did not exceed the TAGM criteria values.
- TAL Metals were detected in all 45 soil samples above either the NYSDEC TAGM RSCO or the NYSDEC Eastern USA Background Criteria.
- VOCs were detected in 4 of the 10 groundwater samples (including the duplicate location) above the NYSDEC TOGS Groundwater Criteria from MW-1, MW-5 and MW-6
- SVOCs were detected in 3 of the 10 groundwater samples (including the duplicate location) above the NYSDEC TOGS Groundwater Criteria from MW-1 and MW-6.
- PCBs and pesticides were not detected above detection limits.
- TAL Metals were detected in all 10 groundwater samples above the NYSDEC TOGS Groundwater Criteria.

The SI Report references and summarizes a number of previous investigations performed at the site. Titles and reported findings of these reports are listed below:

- A PSA was completed by Montgomery Watson in 1996 at several properties along Kent Avenue between North 5th and North 11th Streets. This report was also summarized by M&E above in section 1.4.2.3. The PSA refers to previous environmental studies conducted in 1986 and 1994.

Five soil borings and two monitoring wells were installed. One of the soil samples collected contained leachable concentrations of arsenic and selenium above the federal hazardous waste standards, though a confirmation sample collected from the same area did not confirm the initial results. The analysis and standards for these samples were specified in the report. The results of the groundwater samples detected several total metals above the applicable NYSDEC TOGS criteria. However, only dissolved concentrations of arsenic and selenium were detected slightly exceeding the applicable NYSDEC TOGS criteria.

- A Site Assessment Up-Date Report was completed by Fleming Lee Shue in 2002 as an update to the work conducted by Montgomery Watson in 1996. The report identified two additional investigations conducted by Montgomery Watson in 1996 and 1997. Significant levels of VOCs and SVOCs were not identified, and the subject site was removed from the NYSDEC's list of potential inactive hazardous waste sites. The investigation conducted by Fleming Lee Shue consisted of the collection of 12 soil samples from 6 soil borings and 3 groundwater samples. Laboratory analysis of the samples showed:
    - SVOCs were detected in several of the surface and subsurface samples that contained coal ash.
    - Naphthalene was detected in one subsurface soil sample above NYSDEC TAGM criteria.
    - Elevated levels of arsenic and mercury were detected in the soil samples. Mercury was detected above the NYSDEC TAGM criteria in all of the surface samples and arsenic was detected above the criteria in one subsurface sample.

Based upon the results and a comparison to Montgomery Watson's results, the report concludes that the data is indicative of impacts due to the disposal of coal ash as fill, with minimal impacts from petroleum due to leaking motor vehicles.

- A Phase I ESA was completed by Fleming Lee Shue in 2003. The report summarized the past and current environmental conditions of the area along Kent Avenue from North 9th Street to Quay Street. The report concluded that there is minimal contamination, but significant amounts of coal ash are present in on-site fill material.

1.4.4.2. 2006 – M&E Site Investigation of Bushwick Creek Inlet Property

For the proposed construction of the Williamsburg Park (now Bushwick Inlet Park) by NYC, on behalf of the NYCDDC, M&E completed a SI at a property identified by the NYC Office of Environmental Coordination as the Bushwick Creek Inlet property, which was owned by Motiva Enterprises LLC at that time. The study area is located along Kent Avenue between the south shoreline of Bushwick Creek and Quay Street. This study area is adjacent, to the north, of Parcel 6. The purpose of the SI was to evaluate the lateral and vertical extent of potential contamination in subsurface soil and groundwater that may exist from historic and current operations.

A subsurface investigation of the Parcel was conducted that included the following:

- Collection of 18 soil samples within 8 soil borings (BC-1 through BC-8). Borings were drilled to depths ranging from 43.7 to 72 feet bgs.

- Collection of 22 sediment samples from 11 sediment cores (BCS-1 through BCS-11). Sediment cores were drilled to depths ranging from 35.8 to 54 feet below the mud line.

M&E submitted the *Site Investigation Report* to the NYSEC in November 2006. The report describes the following nature and extent findings:

- Soil and sediment samples were analyzed for TCL VOCs, TCL SVOCs, PCBs, TAL metals, and cyanide.
    - Analytical soil and sediment samples were compared to the NYSDEC standards identified in TAGM No. 4046 (RSCOs and SCOPGQ); STARS Memo No. 1, TCLP Alternative Guidance Values; and Characteristics of Hazardous Waste published in RCRA and NYSDEC Part 371.
- Visual petroleum impacts were observed in one of the 8 soil borings from 25 to 27 feet bgs, and three of the 11 sediment borings at depths ranging from 6 to 18 feet bgs.
- Visual tar impacts were not observed in any of the soil or sediment borings.
- VOCs were detected above the STARS criteria in three of the 18 soil samples. Naphthalene was detected in one soil sample above the TAGM RSCO and TAGM SCOPGQ Guidance Values.
- SVOCs were detected in 6 of the 18 soil samples above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS Alternative Guidance Values.
- TAL Metals were detected in 16 of the 18 soil samples, at levels above either the NYSDEC TAGM RSCO or the NYSDEC Eastern USA Background Criteria.
- VOCs were detected above the TAGM RSCO, TAGM SCOPGQ, and/or STARS TCLP Alternative Guidance Values in eight of the 22 sediment samples.
- SVOCs were detected in 11 of the 22 sediment samples above either the NYSDEC TAGM RSCO, TAGM SCOPGQ criteria, and/or the STARS Alternative Guidance Values.
- PCBs were detected but did not exceed the TAGM criteria values.
- TAL Metals were detected in all 22 of the sediment samples above either the NYSDEC TAGM RSCO or the NYSDEC Eastern USA Background Criteria.

The SI Report references and summarizes a previous Phase I ESA completed by Fleming Lee Shue in 2003. The report concludes the following:

- Tax Block 2590, Lots 25 and 100 (between Bushwick Creek and Quay Street, located to the north of Parcel 6), are currently undeveloped, however, several structures historically existed on-site, including a shipyard and dry dock facility. This facility appeared to occupy portions of Lot 100 from at least 1942 to sometime prior to 1966.
- A limited subsurface investigation conducted along Franklin Street and Kent Avenue identified possible subsurface petroleum contamination. Prior use as a shipyard suggests that possible contamination from anti-fouling paints, petroleum, and solvents, which may have been used at the time.

1.5. Interim Remedial Measures

In 2014, a NAPL recovery well IRM was performed by National Grid on Parcel 2, with NAPL recovery continuing to the present. From March to April of 2014, thirteen passive NAPL recovery wells were installed on or along the Site boundary of Parcel 2; eight were installed along North 12th Street, two were installed along North 11th Street, and three were located near the western boundary of Site. Wells were 6 inches in diameter; screening intervals were based upon the depths at which NAPL contamination was observed, with the bottom of the screen being installed at the top of the clay layer (ranging from approximately 18 to 61 feet bgs; well screens were either 25 or 35 feet in length). A 5-foot-long sump was installed into the basal clay layer to enable collection of DNAPL. Soil cuttings and purge water generated from well development was drummed and disposed of off-Site. NAPL recovery began in 2014 and is an ongoing program.

From October 2015 through June 2017, an excavation/stabilization based IRM was performed by National Grid for Parcel 2. In-situ stabilization (ISS) of the Holder No. 2 tank and its contents was performed using bucket soil mixing under a temporary fabric structure. Excavation was performed around the Relief Holder and Holder No. 1 foundations to approximately 30 feet bgs (a steel sheet pile support of excavation wall was installed/utilized to allow excavation of the holder tanks and their foundations). Within the excavation, stabilization was performed on in-situ soils containing leachable lead so that they could be disposed of off-Site as non-hazardous waste. During this excavation phase, 47,049 tons of material (including deep excavation soils and cement-bentonite slurry trench material) were disposed of off-Site and three previously abandoned 2,000-gallon USTs were excavated and disposed. A dewatering system, as well as on-site filtration, oil/water separation, and carbon treatment, was utilized during the deep excavation phase and was permitted to be discharged into the New York City Department of Environmental Protection (NYCDEP) combined sewer. The remainder of the Site was excavated down to approximately 5 feet bgs. Some shallow material was non-impacted and deemed suitable for reuse, while 17,480 tons of shallow material was disposed of off-Site. During this shallow excavation effort, three previously unknown USTs (deemed to be associated with toluol manufacturing and post-MGP petroleum storage) were excavated in the eastern area of Site and disposed. Materials suitable for reuse, as well as imported material meeting RRSCO, were placed to bring the site back up to grade. A Community Air Monitoring Program (CAMP) was implemented for both IRMs.

The NAPL recovery well IRM Construction Completion Report (CCR) was submitted to NYSDEC in December 2014 and approved by NYSDEC on September 8, 2015. The excavation/stabilization IRM CCR was submitted to NYSDEC in March 2018 and was approved by NYSDEC the same month.

1.6. Investigation Report

As discussed above, the purpose of the RI was to generate sufficient data to define the nature and extent of soil, groundwater, sub-slab vapor and/or sediment impacts at the Site. The RI uses the findings of the investigation to evaluate the potential risks to human health, and the environment at the Site.

The remainder of this report includes descriptions of the methods used to collect data (Section 2), Site-specific geology and hydrology (Section 3), and nature and extent (Section 4) as well as fate and transport of contamination (Section 5). A Qualitative Human Health Exposure Assessment and Fish and

Wildlife Resource Impact Analysis were performed and are discussed in Sections 6 and 7, respectively. Section 8 provides a Conceptual Site Model and Section 9 provides conclusions of the RI.

2. Remedial Investigation Methods

This section describes the methods and procedures used during the RI. Unless otherwise noted, the RI was implemented in accordance with the RI Work Plan (RIWP), RIWP Addendums, and Supplemental RIWP (SRIWP) that were approved by NYSDEC, and relevant NYSDEC regulations. Copies of the NYSDEC approval letters are provided in Appendix A. Data from the Emerging Contaminant Groundwater Sampling Report, June 2020 is also included in this report.

GEI oversaw implementation of the RI and SRI field activities, which were conducted between June 2009 and December 2012, from July 2022 through March 2023, and July 2024 through August 2024. The RI fieldwork included the following tasks:

- Surface soil sample collection.
- Subsurface utility location and mark-out.
- Test pit excavation and subsurface soil sample collection.
- Soil boring installation and subsurface soil sample collection.
- Sediment core installation and sediment sample collection.
- Monitoring well installation and development.
- Temporary groundwater sampling point installation.
- Groundwater sample collection.
- Groundwater gauging and gauging for the presence of NAPL.
- Hydraulic conductivity testing.
- Sub-slab vapor point installation and sample collection.
- Indoor and outdoor ambient air sample collection.
- Soil vapor sample collection.
- Surveys of sample locations.

The RI sample locations are shown in Plates 1 and 2. Table 1 presents the sample location identification and rationale, sample collection type, and a summary of selected laboratory analyses.

Detailed field procedures, including quality assurance/quality control (QA/QC) sample practices, are provided in the NYSDEC-approved RIWPs in Appendix A.

All samples submitted for chemical testing were analyzed by TestAmerica Laboratories (TestAmerica) or ESS Laboratories (ESS), accredited laboratories under the NYSDOH environmental laboratory approval program (Lab ID: 10602 and 11313, respectively). Each sample was placed into laboratory-supplied containers, which were stored in coolers with ice.

2.1. Subsurface Utility and Former Structure Location

The NYC/Long Island One Call Center was notified to mark-out locations of subsurface utilities prior to GEI or their subcontractors completing ground intrusive activities. Utility companies and utility company contractors marked out utility lines within the public street rights of way (ROWs).

Hager-Richter Geoscience, Inc. of Fords, New Jersey, Utility Survey Corporation of New Windsor, New York, and Bloodhound Underground Utility Locators of Bethlehem, PA were contracted by GEI to identify and mark subsurface utilities at private properties and public street ROWs. The private contractors conducted surveys using ground penetrating radar (GPR) and other precision utility locating procedures to identify underground utilities, potential subsurface obstructions, and subsurface anomalies that might be former MGP structure foundations.

Once subsurface utilities had been marked out, soil boring and monitoring well locations were cleared to approximately 5 feet bgs using hand tools or a vacuum clearance machine. Zebra Environmental Corporation of Lynbrook, New York, Paragon Environmental Construction, Inc. of Brewerton, New York, Boart Longyear Environmental and Infrastructure Drilling (Boart Longyear™) of Northborough, Massachusetts, and Aquifer Drilling and Testing (ADT) of Mineola, NY performed subsurface utility clearance.

2.2. Surface Soil Sampling

Nine surface soil samples (WW-SS-01 through WW-SS-09) were collected to evaluate areas of exposed soils within the footprint of and adjacent to the former Williamsburg Works MGP. The surface soil sample locations are shown in Plates 1 and 2.

Each sample was collected using stainless steel or disposable sampling equipment, in accordance with the RIWP, within the top 2-inches of soil.

Surface soil was analyzed for:

- VOCs via USEPA Method 8260B
- SVOCs via USEPA Method 8270C
- PCBs via USEPA Method 8082
- Pesticides via USEPA Method 8081
- Herbicides via USEPA Methods 8151
- Target Analyte List (TAL) metals via USEPA Method 6000/7000 series
- Free cyanide [extraction by USEPA Method 9013A/and analysis by Micro-diffusion ASTM International (ASTM) Method D4282-02]

Table 1 presents a summary of laboratory analyses completed for each surface soil sample.

2.3. Subsurface Explorations and Sample Collection

2.3.1. Test Pit Excavations

Ten test pit locations (WW-TP-01 through WW-TP-06 and WW-TP-200 through WW-TP-203) were excavated using a rubber-tired backhoe and rubber-tracked mini-excavator to evaluate the presence, configuration, and contents of the subsurface portions of former structures such as gasholders and associated piping/conduits. WW-TP-200 through WW-TP-203 each had multiple test pits (e.g., WW-TP-200A, B, and C) associated with their respective locations in an attempt to locate and follow multiple series of oil conduits/pipes adjacent to and within Parcels 3 and 4. Test pit locations are shown in Plates 1 and 2.

Test pit excavations were completed by ADT of New Hyde Park, and Mineola, New York. Soil was excavated to the depth of the apparent groundwater surface or until MGP-related structures were encountered. Depth to water ranged from approximately 3 feet bgs in WW-TP-01 to 13 feet bgs in WW-TP-203B.

Excavated soil was stockpiled on plastic sheeting adjacent to the excavation. Soil was logged for visual and olfactory observations and photographed. Test pit logs are included in Appendix G. Samples were collected using the backhoe/mini-excavator bucket, which was decontaminated with a steam cleaner or using an alconox-tap water mixture and tap water rinse between excavations.

One grab soil sample was collected from WW-TP-01 through WW-TP-06, WW-TP-200C, WW-TP-201B, WW-TP-202A, WW-TP-202B, WW-TP-202C, WW-TP-203A, and WW-TP-203B for laboratory analysis. Samples from test pits WW-TP-01, WW-TP-02, WW-TP-03, WW-TP-05, WW-TP-200C, WW-TP-201B, WW-TP-202A, WW-TP-202B, WW-TP-202C and WW-TP-203B were collected within fill that exhibited physical impacts (odor and/or sheen) near the apparent groundwater surface. Samples from WW-TP-04 and WW-TP-06 were collected within fill at the apparent groundwater surface, although physical (visual and olfactory) impacts were not observed. The sample collected from WW-TP-203A was collected within fill exhibiting physical impacts, although well above the groundwater surface.

Soil samples collected from WW-TP-01 through WW-TP-06 were analyzed for VOCs, SVOCs, TAL metals, herbicides, PCBs, pesticides, and free cyanide. Soil samples collected from WW-TP-200 through WW-TP-203 were analyzed for VOCs, SVOCs, TAL metals, cyanide, alkylated PAHs by EPA Method 8270D SIM, n-alkanes and isoprenoids by EPA Method 8015D Modified, and extractable petroleum hydrocarbon (EPH) by New Jersey Department of Environmental Protection EPH Method. The rationale used to determine collection and laboratory analysis of soil samples is detailed in Table 1.

The test pits were backfilled in reverse sequence so that the materials removed from the bottom of the test pit excavation were returned to the bottom and materials removed from the top were placed back on top. The soil was replaced in lifts and compacted with the backhoe bucket and a plate compactor. Pavement or concrete (as applicable) was restored after backfilling to match the existing ground cover.

2.3.2. Soil Borings

One hundred forty-four (144) soil borings were drilled during the RI to characterize subsurface geology, identify former MGP structures, assess the horizontal and vertical extent of visual impacts, evaluate the chemical impacts in soil, and enable the installation of monitoring wells. Soil boring locations are provided in Plates 1 and 2. The rationale for each soil boring location is provided in Table 1.

Soil borings were drilled to depths ranging from 10 to 97 feet bgs and continuously sampled using Geoprobe® direct push and resonant sonic drilling methods. Zebra Environmental provided direct push drilling services. Boart Longyear™ and ADT provided resonant sonic drilling services.

Soil samples were collected using a 5-foot Macro-Core® sampler with disposable plastic sleeves, for borings installed using a Geoprobe® drill rig. For resonant sonic drilling, soil samples were collected in a 5-foot or 10-foot core barrel and extruded into new clean disposable plastic sleeves. Geoprobe® drilling rods and Macro-Core® samplers were decontaminated using an alconox-tap water mixture and tap water rinse in accordance with the RIWP. Resonant sonic rig drilling implements (i.e., casings, core barrels, and drill rods) were also decontaminated between borings using a high-pressure steam cleaner or an alconox-tap water mixture and tap water rinse in accordance with the RIWP.

Field screening of soils for total organic vapors was conducted with a photo-ionization detector (PID). Visual and olfactory observations were recorded in field books, field logs, and in a field personal data assistant equipped with pLog™ logging software. The soil boring logs are included in Appendix H.

A total of 405 soil samples were collected from the borings and analyzed as part of the RI. In general, three subsurface soil samples were collected at each boring location. The first subsurface soil sample was collected within fill, in the top 5 feet bgs, from the sidewall of the hand-cleared portion of the boring. The second sample was collected from a deeper boring interval that exhibited the greatest observed occurrence of NAPL saturation, staining, odors, sheen, and/or PID readings. The third sample was collected from soil below observed impacts or at the completion depth of a boring. If the boring was free of observed physical impacts, a sample was collected at the groundwater surface. Borings performed in Parcel 4 had up to four samples collected if the fill wedge was present and at least 5-feet thick. In the presence of the fill wedge, an additional shallow fill sample was collected in the next 5-foot interval below the wedge which was at a thickness of 2-feet furthest away from the bulkhead and increased in thickness closer to the bulkhead. Three subsurface soil samples were collected at each boring location on Parcels 3 and 4 during SRI activities conducted in 2024, one from each of the shallow, intermediate, and deep well screen intervals.

All subsurface soil samples were analyzed for VOCs, SVOCs, TAL metals, and free cyanide. Select soil samples from borings completed as part of the 2022 Parcel 3 and 4 addendum were also analyzed for PCBs, pesticides, and herbicides TPH, alkylated PAHs, n-alkanes and isoprenoids, EPH, and PFAS. The rationale used to determine collection and laboratory analysis of soil samples is detailed in Table 1.

Each borehole not finished as a monitoring well was abandoned by filling the borehole with a cement/bentonite grout mixture tremied from the bottom of the hole to ground surface, which was

restored to the prior condition following abandonment. Investigation derived waste (IDW) generated during the RI activities is discussed further in Section 2.11.

2.3.3. Sediment Core Installation

Twenty-one sediment cores were collected during the RI to characterize subsurface geology, assess the horizontal and vertical extent of visual impacts, and evaluate the chemical impacts in sediments in the East River and Bushwick Inlet. Sediment core locations are provided in Plates 1 and 2. The rationale for each sediment core location is provided in Table 1.

Sediment cores were drilled to depths ranging from 12 to 84 feet below the mud line and continuously sampled using vibracore or resonant sonic drilling methods. Ocean Surveys, Inc. provided vibracore drilling services. Boart Longyear™ provided resonant sonic drilling services.

Sediment samples were collected using vibracore drilling methods with a 3.5" inner diameter Lexan (polycarbonate) core liners. For resonant sonic drilling, soil samples were collected in a 5-foot or 10-foot core barrel and extruded into new clean disposable plastic sleeves. The vibracore sampler was decontaminated using a site tap water (fire hydrant) rinse in accordance with the RIWP. Resonant sonic rig drilling implements (i.e., casings, core barrel, and drill rods) were decontaminated using a high-pressure steam cleaner.

The sediments were logged and screened with an organic vapor analyzer equipped with a PID. Visual and olfactory observations were recorded on field sediment boring logs, in field books, and using a field personal data assistant equipped with pLog™ logging software. The sediment boring logs are included in Appendix H.

In general, three subsurface sediment samples were collected at each boring location. The first sediment sample was collected from 0 to 6 inches below the mud line for the purpose of evaluating the bioactive zone. The second sample was collected from the interval that exhibited the greatest observed occurrence of NAPL saturation, staining, odors, sheen, and/or PID readings. The third sample was collected from sediments below observed impacts or at the completion depth of a core. If the core was free of physical impacts, the third sample was collected at the interface of soft (organic) and native sediment (non-anthropogenic material that is under adjacent land).

All sediment samples were analyzed for VOCs, SVOCs, TAL metals, and free cyanide. Sediment samples collected from 0 to 6 inches below the mud line, as well as all samples collected from locations WW-SED-01 through WW-SED-07, were also analyzed for PCBs, pesticides, and herbicides. Sediment samples collected from 0 to 6 inches below the mud line at locations WW-SED-08 through WW-SED-21 also were analyzed for total organic carbon (TOC). The rationale used to determine collection and laboratory analysis of sediment samples is detailed in Table 1.

Sediment cores collected using resonant sonic drilling were abandoned by filling the borehole with a cement/bentonite grout mixture tremied from the bottom of the borehole up to the mud line. IDW generated during the RI activities is discussed further in Section 2.11.

2.4. Monitoring Well Installation

Twenty-nine shallow, eight intermediate, and eight deep monitoring wells and 12 temporary monitoring points were installed during the RI. Monitoring wells were installed to evaluate conditions above the clay. The wells were installed using Geoprobe® direct push, hollow stem auger, and resonant sonic drilling methods.

The temporary monitoring points were installed within borings WW-SB-03, WW-SB-05, WW-SB-07, WW-SB-19, WW-SB-21 and WW-SB-22. Each temporary monitoring well was screened spanning the groundwater surface with screen intervals ranging from 2.5 to 16 feet bgs. Locations WW-SB-19, WW-SB-21, and WW-SB-22 were also screened both 1) within soil with the greatest apparent impacts, at depths from 15 to 45 feet bgs, and 2) just above the potentially confining clay unit, at depths from 40 to 65 feet bgs. Each temporary well was constructed with 1-inch inner diameter flush-threaded polyvinyl chloride (PVC) risers and 0.010-inch slotted PVC screens. Five-foot well screens were installed at temporary monitoring well locations WW-SB-03, WW-SB-05, and WW-SB-07 and 10 foot well screens were installed at locations WW-SB-19, WW-SB-21, and WW-SB-22 for all three depths screened. Temporary monitoring points were installed during soil boring installation and abandoned following sample collection. Locations with multiple screened intervals used separate screen and casing for each interval which were installed within the same hole at depth as drilling progressed.

Shallow permanent monitoring wells were screened at the groundwater surface. Bottom depths of the screen ranged from 10.3 to 23 feet bgs. Table 2 provides information on well depths and elevations, top of casing information, and screen depths and elevations. All monitoring wells were constructed with 2-inch inner diameter flush-threaded PVC risers and 0.010-inch slotted PVC screens. All screened intervals were 10 feet long except in WW-MW-202, which was 15 feet long to straddle deeper NAPL impacts.

Eight intermediate and deep monitoring well pairs were installed on Parcels 3 and 4, collocated with the existing shallow monitoring wells. Bottom depths of screen ranged from 40 to 50 feet bgs for the intermediate wells and 50 to 78 feet bgs for the deep wells. Table 2 provides information on well depths and elevations, top of casing information and screen depths and elevations. All monitoring wells were constructed with 2-inch inner diameter flush-threaded PVC risers and 0.010-inch slotted PVC screens. All screened intervals were 10 feet long with a 2-foot sump at the bottom of the well.

The permanent monitoring wells were constructed as follows:

- The annular space around each well screen, and approximately 2 feet above the well screen, was backfilled with a washed, uniform silica sand to form the filter pack.
- A 2-foot bentonite clay seal was placed above the filter pack in most monitoring wells. The bentonite seal in four (4) monitoring wells (WW-MW-05, WW-MW-17, WW-MW-22, and WW-MW-206) was 1-foot thick due to shallow groundwater conditions. The bentonite seal in WW-MW-205 was 0.5-feet thick due to shallow groundwater conditions. A bentonite seal was not placed in three monitoring wells (WW-MW-06, WW-MW-07, and WW-MW-08) due to shallow groundwater conditions.

- The remaining annular space was filled to grade with a cement-bentonite grout slurry or concrete.
- Each monitoring well was fitted with a flush-mount locking road box set in a concrete pad.
- Each monitoring well was constructed with a 2-foot sump below the screened interval at the bottom of the well.

The well construction details are provided in Table 2 and shown on the soil boring logs, which are included in Appendix H.

Following installation, each monitoring well was developed to remove sediment from the well and to stabilize the filter pack. Development was completed in accordance with the RIWP (Appendix A). IDW generated during the RI activities is discussed further in Section 2.11.

2.5. Air Monitoring

Perimeter air quality monitoring was conducted in accordance with the CAMP provided in Appendix C of the NYSDEC-approved RIWP. The objective of the perimeter air monitoring was to prevent the migration of potential airborne compounds of concern to the downwind community (i.e., off-site receptors, including residences and businesses and on-site workers not involved with the RI field activities) by monitoring concentrations of VOCs and dust particles and implementing controls addressing the source of the concentrations if they were detected.

Two perimeter air-quality stations (upwind and downwind) were set up for each soil boring location. In 2022, on Parcels 3 and 4, two sets of upwind and downwind stations were utilized as needed when pre-clearing and drilling activities were occurring simultaneously. A PID was used to monitor the levels of organic vapors in the ambient air, and a DustTrak particle detector (or equivalent) was used to monitor respirable dust particles (<10 micrometers) during non-precipitation conditions. Each instrument was calibrated daily prior to use and set for data logging.

There were several instances when the VOC air monitoring criteria were exceeded. However, based on the field monitoring data, these exceedances were related to operation of gas or diesel-powered equipment and were for short periods of time. Elevated dust particle readings were occasionally observed and were due to saw cutting of concrete, exhaust from gas or diesel-powered equipment, or moisture interference. During the saw cutting activities, the concrete was wetted to minimize dust particles. CAMP data is included in Appendix I.

2.6. Groundwater Monitoring and Sampling

Groundwater monitoring activities consisted of the collection of depth-to-water measurements, gauging the wells for the presence of NAPL, and collection of groundwater samples for laboratory analyses.

2.6.1. Depth-to-Water Measurements and NAPL Gauging

Depth to groundwater measurements were collected from accessible monitoring wells at high tide and low tide on November 2, 2009, December 19, 2012, August 17, 2022, October 6, 2022, March 8, 2023,

and September 11, 2024. Monitoring well gauging points are shown in Plates 1 and 2. Table 3 provides a summary of measured depth to groundwater and corresponding elevations of groundwater in each monitoring well. A discussion of groundwater elevations and groundwater flow is provided below in Section 3.2. During these six events, monitoring wells were also gauged to determine if NAPL was present. NAPL gauging was performed in September 2022 and 2024. NAPL gauging and recovery was performed each month starting in February 2023 at WW-MW-200 through WW-MW-205, and quarterly starting in June 2024 with additional wells WW-MW-206 and WW-MW-207. The recent gauging on September 11, 2024, was the first gauging event that includes the intermediate and deep wells installed summer of 2024, the results of which are further discussed in Section 4.3.

Two wells, WW-MW-01 and WW-MW-04, could not be located during the December 19, 2012 gauging event. During the August 17, 2022, event, only WW-MW-200 through WW-MW-204 were gauged. Multiple wells installed during the 2009 and 2012 RI events had been abandoned during the Parcel 2 IRM or were unable to be located during the 2022, 2023, and 2024 well measurements and are so indicated in Table 3.

During the 2009 and 2012 gauging events, water level measurements were collected at low and high tide levels from the shore in the adjacent East River. A tidal benchmark (TBM) was established along the East River bulkhead, at Parcel 4, to gauge surface water and measure tidal fluctuations (Plates 1 and 2). Measurements were unable to be collected from the TBM during the 2022, 2023 and 2024 gauging events due to unsafe conditions along the bulkhead. On the day of measurements, tidal stage information was obtained from www.saltwatertides.com based on a tidal gauging station located at the Williamsburg Bridge, which is located 0.8 miles downstream of the bulkhead referenced above.

2.6.2. Groundwater Sampling

Groundwater samples were collected from the monitoring wells and temporary monitoring points in July 2009, November 2009, December 2012, September 2022, October 2022 and September 2024 as summarized in the table below. Groundwater sampling was completed during two events due to property access and RIWP and SRIWP scopes. Monitoring well locations are shown in Plates 1 and 2.

Sample Period	Work Plan Scope(s) [Location]	Wells Sampled
July 2009	RIWP [Parcels 1 and 2]	Temporary monitoring wells: WW-SB-03, WW-SB-05, WW-SB-07, WW-SB-19, WW-SB-21, and WW-SB-22
November 2009	RIWP [Parcel 2 and Street ROWs]	WW-MW-01 through WW-MW-08 and WW-MW-10 through WW-MW-17
December 2012	SRIWP [south of Parcel 5, Parcel 6, and Street ROWs]	WW-MW-18 through WW-MW-22
March 2019	Emerging Contaminant Groundwater Sampling Work Plan, National Grid Downstate and Upstate New York MGP Sites	WW-MW-03, WW-MW-12, and WW-MW-14

Sample Period	Work Plan Scope(s) [Location]	Wells Sampled
September 2022	RIWP Parcel 3 and 4 Addendum	WW-MW-203 and WW-MW-204
October 2022	RIWP Parcel 3 and 4 Addendum	WW-MW-200, WW-MW-206, and WW-MW-207
September 2024	SRIWP Parcel 3 and 4	WW-MW-200I, WW-MW-200D, WW-MW-201I, WW-MW-201D, WW-MW-202I, WW-MW-202D, WW-MW-203I, WW-MW-203D, WW-MW-204I, WW-MW-204D, WW-MW-205I, WW-MW-205D, WW-MW-206I, WW-MW-206D, WW-MW-207I, WW-MW-207D

2.6.2.1. Purging

Low-flow purging of the RI monitoring wells and temporary monitoring wells was performed using peristaltic pumps and dedicated tubing in accordance with the RIWP. Groundwater purged from each well was monitored for field parameters (temperature, pH, conductivity, dissolved oxygen [DO], oxidation-reduction potential [ORP], and turbidity) using a closed flow-through cell and a multi-parameter water quality meter. Wells were sampled after the values of field parameters stabilized in accordance with the RIWP. At least one well volume was purged from each well prior to sampling. IDW is further discussed in Section 2.11.

2.6.2.2. Sampling

After each monitoring well was purged, groundwater samples were collected and placed into laboratory-provided, pre-cleaned, and pre-preserved containers. Temporary well WW-SB-22 had a very slow recharge rate, so the well was pumped dry, and the sample was collected the following day.

During the 2009 and 2012 sampling events, VOC samples were collected with a dedicated/disposable polyethylene bailer and rope that was lowered to the center of the screen interval to collect a sample. During the 2022 sampling events, samples analyzed for VOCs were collected using a peristaltic pump and dedicated tubing. All other sample aliquots were collected using the peristaltic pump and dedicated tubing in accordance with the RIWP. Each sample container was placed into coolers and packed with ice.

Samples were not collected from WW-MW-201, WW-MW-202 and WW-MW-205 due to presence of NAPL during the September 2022 gauging events. Groundwater samples from all the permanent monitoring wells and temporary monitoring wells screened across the groundwater surface were analyzed for VOCs, SVOCs, TAL metals, herbicides, pesticides, PCBs, and total cyanide. Additionally, groundwater samples from WW-MW-200, WW-MW-203, WW-MW-204, WW-MW-206 and WW-MW-207 were analyzed for PFAS, in accordance with the RIWP Addendum for Parcels 3 and 4. Deeper temporary monitoring wells located within Parcel 1 and intermediate and deep wells located within Parcels 3 and 4 were analyzed for VOCs, SVOCs, TAL metals, total cyanide. Temporary monitoring wells within the Parcel 1 building were also analyzed for ammonia at the request of the property owner as indicated in Table 1.

2.7. Hydraulic Conductivity Testing

Rising head in-situ hydraulic conductivity tests (slug tests) were completed at three monitoring wells, within Parcel 2, that were representative of the Upper Glacial Aquifer. Hydraulic conductivity was estimated using the Bouwer and Rice method (Bouwer, Rice, 1976; Bouwer, 1989). The results of the slug tests are summarized in Table 4. Hydraulic conductivity calculations are provided in Appendix J.

2.8. Sub-slab Vapor, Soil Vapor and Air Sampling

Sub-slab vapor, indoor air, and ambient (outdoor) air sampling was conducted in accordance with the NYSDEC-approved RIWP.

2.8.1. Sub-Slab Vapor Sampling

Two sub-slab vapor points (WW-SV-01 and WW-SV-02) were installed inside the Parcel 1 building through the concrete slab, and sub-slab vapor samples were collected from each point. The sub-slab vapor points were installed to evaluate the potential for soil vapor intrusion (SVI) into the building currently on Parcel 1.

The sub-slab vapor points were installed by coring through the concrete building slab with a concrete coring machine. Each point was constructed of a segment of 3/8-inch stainless-steel tubing with the opening positioned just below the bottom of the building slab. Each sub-slab vapor point was backfilled with sand, a bentonite seal and non-shrinking concrete seal. Each point was protected with a 2-inch flush-mounted manhole.

Each sub-slab vapor sample was collected in an individually certified, 6-liter capacity SUMMA® canister. Each canister had a laboratory-supplied flow controller calibrated for an 8-hour sample period. The flow rate was less than 0.2 liters per minute. An enclosure that was enriched with helium tracer gas was used, as described in the NYSDOH SVI Guidance document (2006). The samples were delivered to TestAmerica-Connecticut for shipment to their laboratory in Knoxville, Tennessee and were analyzed for VOCs by USEPA Method TO-15 (including naphthalene) and helium by ASTM Method 1945.

2.8.2. Indoor Air Sampling

Indoor air was sampled at two locations (WW-IA-01 to WW-IA-02) within the Parcel 1 building. Indoor air samples were collected during sub-slab vapor sampling to evaluate potential SVI into the Parcel 1 on-site building.

The indoor air samples were collected using individually-certified, 6-liter SUMMA® canisters. Each canister was equipped with a laboratory-supplied flow controller that was calibrated for an 8-hour sample period. The flow rate for each air sample did not exceed 0.2 liters per minute. The inlets of each canister were positioned at an approximate breathing height of 3 to 5 feet above ground. The samples were delivered to TestAmerica-Connecticut for shipment to their laboratory in Knoxville, Tennessee and were analyzed for VOCs by USEPA Method TO-15 (including naphthalene).

2.8.3. Soil Vapor Sampling

Six temporary soil vapor points (WW-SV-200 through WW-SV-205) were installed within Parcels 3 and 4 to assess the soil vapor conditions beneath the former building foundation. Each point was constructed utilizing a stainless-steel screen fitted to Teflon tubing to the ground surface. The annular space around the screens was backfilled with inert silica to approximately 6-inches above the screen, followed by a 2-inch bentonite seal. The remainder of the annulus was backfilled with a combination of soil cuttings and asphalt cold patch.

The bottoms of the soil vapor screens were set to approximately 1 foot above the groundwater surface and ranged from 1.5-3.5 feet bgs on Parcel 3 (WW-SV-200 through WW-SV-203) and 5 feet bgs on Parcel 4 (WW-SV-204 and WW-SV-205). The southeastern-most soil vapor points (WW-SV-201 and WW-SV-202) were initially installed to depths of 3.5 feet bgs, however, they were re-installed to bottom depths of 1.5 feet bgs due to shallow groundwater and/or potentially perched water.

Each soil vapor sample was collected in an individually certified, 3-liter capacity SUMMA® canister with a laboratory-supplied flow controller set at a rate of 0.2 liters per minute. An enclosure that was enriched with helium tracer gas was used, as described in the NYSDOH SVI Guidance document, to ensure that the sampling tubes at each location were sealed from the ambient air aboveground. The soil vapor samples were delivered to the Con-test, a Pace Analytical Laboratory (subcontractor to ESS), laboratory in Longmeadow, Massachusetts. The samples were analyzed for VOCs by USEPA Method TO-15 (including naphthalene).

2.8.4. Ambient (Outdoor) Air Sampling

Ambient (outdoor) air was sampled at two locations (WW-OA-01 and WW-AA-01). The WW-OA-01sample was collected during sub-slab vapor/indoor air sampling to determine outdoor air concentrations and the potential to influence indoor air quality. The WW-AA-01 sample was collected during Parcel 3 and 4 soil vapor sampling to compare background ambient air concentrations to the soil vapor concentrations.

The ambient outdoor air samples were collected using individually-certified 6-liter SUMMA® canisters that were equipped with laboratory-supplied flow controllers set at flow rates that did not exceed 0.2 liters per minute. The inlets of the canisters were positioned at an approximate breathing height of 3 to 5 feet above ground.

This air samples were delivered to TestAmerica-Connecticut for shipment to their laboratory in Knoxville, Tennessee and to Con-test in East Longmeadow, Massachusetts). The samples were analyzed for VOCs by USEPA Method TO-15 (including naphthalene).

2.9. Data Validation and Management

Analytical results for the samples submitted to TestAmerica/Eurofins Testing America and ESS were validated using New York State Analytical Services Protocol (NYSASP) Category B guidance. The analytical data include qualifiers based on the validation. All data were found to be valid and usable for the

purposes of this RI Report with the exception of values rejected as indicated in the tables. The data usability summary reports, chain-of-custody forms, and the validated laboratory Form I reports are included in Appendix K.

2.10. Survey

RI sample locations were surveyed by a New York State-licensed land surveyor (NYLS, License #: 050146 and 051152) at GEI and MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. The survey was conducted to A-2 standards of accuracy, with an approximate horizontal and vertical precision of ±0.02 feet. Point coordinates were referenced to the New York State Plane Coordinate System (East Zone, North American Vertical Datum (NAVD) 83) as determined by differential global positioning system (GPS) observations.

Two high precision control points were established on-site using data from a GPS base station in Palisades Cliff, New Jersey. A number of subordinate control points were subsequently established from the GPS baseline and were then occupied by a total station to locate individual points.

Point elevations are expressed as heights above the ellipsoid NAVD 88. This datum is not directly related to sea level; however, at the USGS tidal benchmark located approximately two miles south of the Site at the Brooklyn Navy Yard, mean sea level is approximately at NAVD 88 elevation -0.31 feet.

A reference benchmark was established along the shoreline of Parcel 4, on the East River, to facilitate monitoring of tidal fluctuations. Water level measurements were collected at low and high tide levels from the shore in the adjacent East River. Tidal stage information was obtained for a tidal gauging station located at the Williamsburg Bridge, located 0.8 miles downstream of the bulkhead referenced above.

2.11. IDW Sampling and Disposal

IDW generated during the RI activities and consisting of soil cuttings, excess soil samples, sediment cuttings, personal protective equipment and plastic, decontamination fluids, and development and purge water were placed in separate 55-gallon United States Department of Transportation (USDOT)-approved drums based on material type. The materials were tested and disposed off-site by National Grid at an appropriate facility.

2.12. Forensic Analysis of Chemical Data

Exponent conducted an analysis of the chemistry data obtained from the former Williamsburg Works MGP site (Parcels 1and 2 and adjacent to Parcels 3 and 4) and surrounding parcels (Parcels 5 and 6) to provide an understanding of the distribution, concentrations, and potential sources of different chemicals found in the parcel soils. Exponent reviewed GEI's RI soil samples and samples collected by URS in September 2014.

Chemicals not known to be associated with typical MGP operations, such as solvents, PCBs, pesticides, elevated metals, and distilled petroleum products, were reported in soils and NAPL recovery wells.

Various industrial operations occupied Parcels 1–4 after the cessation of MGP operations and it is likely that these industrial sources contributed to the non-MGP chemicals. Exponent found that the contamination on the different parcels is from multiple sources, consistent with the historical industrial nature of the area. Exponent's full 2015 forensic report is provided in Appendix E.

Gateway Enterprises (Gateway) conducted an analysis of the hydrocarbon chemistry data obtained from the former Williamsburg Works MGP site (Parcels 3–4) to evaluate the types of hydrocarbon sources that contribute to the PAHs found in soil at this site. Gateway reviewed GEI's Parcels 3 and 4 RI soil samples collected in 2022.

The data indicate that petrogenic hydrocarbons and petrogenic PAHs exist in samples, in addition to pyrogenic PAHs. There are also samples that are mainly comprised of pyrogenic hydrocarbons of various molecular weight distributions suggestive of different origins of pyrogenic PAHs. The mixed nature of pyrogenic and petrogenic PAHs coming from diverse hydrocarbon sources must be considered in any effort to further develop an understanding of PAH sources at the Site. Gateway's full 2023 forensic report is provided in Appendix L.

2.13. Deviations from the RIWP, Addendums, and SRIWP

This section describes deviations from the methods and procedures used during the RI that were summarized and approved in the RIWP, RIWP Addendums, and SRIWP. Deviations to the approved plans include:

2.13.1. RIWP

- Geotechnical analysis was proposed as part of the RI, however, due to a Geoprobe being selected as the primary drilling method, equipment and sample volume restrictions did not allow for geotechnical sample collection.
- In addition to the shallow fill samples, deep subsurface soil samples were tested for PCBs, pesticides, and herbicides from borings WW-MW-21, WW-MW-22 and WW-SB-54, south of Parcel 5 as well as WW-SB-44 (50-51) which were sampled inadvertently.
- Ammonia analysis was performed from samples collected within Parcel 1 at the request of the property owner. Ammonia was only analyzed from WW-SB-20 at depths of 3 to 5 feet.

2.13.2. SRIWP

- In addition to the ten sediment cores proposed as part of the SRIWP, four additional sediment cores were installed as step out locations for the purpose of delineating visual impacts.
- Additional temporary groundwater sampling points were installed and sampled within Parcel 1 at the request of the property owner.

2.13.3. Parcel 3 and 4 RIWP Addendum

- WW-SB-227 and WW-SB-250 were terminated at shallow depths (5 feet bgs and 15 feet bgs, respectively) due to safety concerns. A manhole located at the northwestern-most portion of N. 12th Street (the manhole located closest to the East River) exhibited significant cracking in the surrounding asphalt pavement as well as water splashing up through the cracks, suggesting the supporting structure beneath the roadway may be compromised and unable to support the weight of the drill rig.
- Two additional monitoring wells (WW-MW-206 and WW-MW-207) were added to the Parcel 3 and 4 Addendum scope due to the presence of NAPL in three other wells that were unable to be sampled (WW-MW-201, WW-MW-202 and WW-MW-205).
- NAPL recovery was performed at the request of NYSDEC in WW-MW-202 and WW-MW-205 (via bailing and absorbent sock, respectively) following multiple gauging events where trace amounts of NAPL were detected.
- WW-TP-200 through WW-TP-203 each had multiple test pits (e.g., WW-TP-200A, B, and C) associated with their respective locations in an attempt to locate and follow multiple series of oil conduits/pipes adjacent to and within Parcels 3 and 4.
- The shallow impacted sample collected from WW-SB-251 (6-9') was analyzed for forensics (alkylated PAHs, n-alkanes and isoprenoids and EPH), however the WW-SB-251 (13-14') sample was not. Instead, a sample collected from WW-SB-210 (10-15') was collected and submitted for the aforementioned forensics analyses. Similar NAPL-related staining, sheens and odors were noted at both boring locations and at similar depths.
- WW-SB-242 through WW-SB-249 were moved to locations immediately adjacent to the northern fence line of N. 12th Street to avoid drilling through the two (2) 78-inch wide brick sewers running down the length of the street. Each boring advanced along the fence line was installed via GeoProbe drill rig or Sonic rig.

2.13.4. Supplemental Parcel 3 and 4 Work Plan

There were no deviations from the work plan.

3. Site Geology and Hydrogeology

This section documents the geology and hydrogeology beneath the Site and surrounding area based upon specific boring and monitoring well data collected during the RI and other collocated or nearby investigations.

3.1. Geology

Four major stratigraphic units, in order of increasing depth, were identified during the RI drilling program: (1) fill, (2) alluvial, harbor, and marsh deposits; (3) glacial deposits [glacial till, glacial outwash, and glacial lacustrine (lake)]; and (4) bedrock [Fordham Gneiss].

Cross sections A-A' to J-J' (Plates 3 through 6) were developed to illustrate the geology underlying the area investigated. Fig. 8 provides a contour map depicting the elevation of the surface of the glacial lacustrine layer. Detailed geologic descriptions for each soil boring, and monitoring well construction details, are shown in the boring logs provided in Appendix H. Detailed geologic descriptions and photographs of each test pit are provided in Appendix G.

3.1.1. Fill

Fill was encountered in each of the soil borings drilled at the area investigated. Fill is present beneath the asphalt pavement, concrete slabs, and buildings. As discussed in Site History (Section 1.2.1), the majority of the area investigated (including Parcels 2 through 6) was created historically by filling shoreline areas of the East River and Bushwick Inlet. The fill consists primarily of loose, non-cohesive sand, and silty-sand mixed with ash, gravel, and fragments of brick, concrete, coal and wood.

The former shoreline of the Bushwick Creek and East River was located east of Parcel 3 and along the eastern edge of Parcel 2, as shown on an 1844 Map of New York Bay and Harbor and The Environs included in Appendix C. Parcels 2 through 6 and surrounding area were landfilled as part of the development of the waterfront in the mid-1800s. Historically, a portion of the area investigated was in a marsh area (possibly intertidal) and submerged under 3 feet to more than 15 feet of water. The depth of the water increased to the west towards the East River. In the 1800s, the area was filled and developed. Fill has been observed up to 43 feet bgs [-39.1 feet NAVD] near the Site.

Fill depths ranged from a few feet, in multiple locations, to generally 10 to 20 feet along the East River. A maximum fill depth of 43 feet bgs [-39.1 feet NAVD] was observed at BPB-5, within the North 12th Street ROW. The thickness of fill deposits increases from east to west, which is consistent with the land filling of shorelines of the East River and Bushwick Inlet. Fill materials, including brick, wood, ash, and cinders, were encountered near the current shoreline of the East River to depths ranging from 5 feet bgs [1.88 feet NAVD, WW-SB-36] to 43 feet bgs [-39.1 feet NAVD, BPB-5], as shown on Plate 5.

There is also a post-MGP placed wedge of soil/fill (the “fill wedge”) above the historic industrial surface of Parcels 3 and 4 and adjacent streets (Plates 3, 5, and 6). This fill wedge was placed on Parcels 2, 3 and 4 to level the Site for construction of the warehouses that were built on Parcel 3 circa 1985 and Parcel 4

between 1996 and 2001. The fill wedge is thin at the eastern side of Parcel 3 and becomes thicker (at least 9 feet thick) towards the East River based on the depth of railroad ties observed at a test pit on N. 11th Street. Post-MGP fill on N. 11th Street was observed to be approximately 3 feet thick. The origin of this fill wedge is likely off site.

3.1.2. Alluvial, Harbor, and Marsh Deposits

Alluvial, harbor, and marsh deposits, where present, were found beneath the fill layer. The alluvial deposits consist of sub-units of primarily sands with occasional silt and/or gravel. Harbor deposits consist of organic materials, including fine-grained soil such as organic soil. Marsh deposits consist of primarily silt, silt-clay, clay, and peat. Based on historical maps, these deposits are believed to be associated with a former marsh (possibly inter-tidal) located adjacent to the Bushwick Inlet and harbor deposits in the East River. The alluvial, harbor, and marsh deposits were encountered on or adjacent to Parcels 2 through 6.

Harbor deposits were encountered in each of the sediment cores advanced in the East River and Bushwick Inlet. Harbor deposits consisted of black to gray organic silt with varying amounts of sand, organic material (sticks, wood fibers, roots, shell fragments, etc.), and urban fill material (e.g., glass fragments, plastic pieces, hair, etc.). These sediments are referred to as soft sediment. The harbor deposits were present from the sediment water interface to a maximum depth of 33.5 feet bgs [-52.03 feet NAVD, WW-SED-17].

The thickness of the marsh deposits ranged from 0.5 feet [bottom depth -2.52 feet NAVD, WW-MW-21] at the southern edge of the area investigated, to 26 feet [bottom depth -23 feet NAVD, BC-4] adjacent to the Bushwick Inlet and north of Parcel 6. The deposits were observed as shallow as 5 feet bgs [2.13 feet NAVD, WW-MW-19] on Parcel 6, and at a maximum depth of 35 feet bgs [-49.17 feet NAVD, BPB-3] adjacent to Parcel 4, as shown on Cross-section E-E' on Plate 4.

3.1.3. Glacial Deposits

Glacial deposits were encountered beneath the fill and, where present, the alluvial deposits and above bedrock. These glacial deposits are also referred to as native sediment below the East River. Glacial deposits were the most extensive unit encountered during the RI and were present at up to a thickness of approximately 97 feet based upon deep soil borings completed at Parcel 2. The glacial deposits are categorized into three sub-units:

- glacial till.
- glaciolacustrine (glacial lake) clay.
- glacial outwash.

Glacial outwash was the most predominant geologic unit observed. Sporadic layers of glacial till and a continuous glaciolacustrine layer are present within the glacial outwash. These units are depicted on cross sections A-A' through J-J', shown on Plates 3 through 6. The glacial deposits encountered are consistent with glacial stratigraphy described by Merguerian (2003) and Moss and Merguerian (2005 and

2007). The sequence of deposits is likely associated with the advance of the Harbor Hill terminal moraine, damming of glacial meltwaters and forming of glacial lakes, and breaching of the Harbor Hill Terminal Moraine at The Narrows of New York Harbor and subsequent retreat of the glacier.

The glacial outwash sands are typically light brown, brown, loose, non-cohesive, well-sorted, fine to coarse sands with varied amounts of gravel, sporadic cobbles and trace silt. The glacial outwash deposits extend to the bedrock surface, which is located approximately 99 feet bgs [-87.27 feet NAVD, WW-SB-102] on Parcel 2.

Sporadic layers of glacial till were present within the glacial outwash. Glacial till layers generally consist of silt-sand mixtures. The maximum observed thickness of glacial till material was 49 feet [bottom depth -36.26 feet NAVD, WW-SB-54] south of Parcel 5; however, the glacial till thickness was generally less than 10 feet.

A layer of glaciolacustrine clay (a glacial silt-clay unit) was encountered continuously beneath the area investigated. This deposit consists of a cohesive, dense, red to brown to gray, clay with varying amounts of fine sand, with varves of silt and fine sand. The glacial silt-clay was encountered below the fill layer and inter-bedded with the glacial outwash. The glacial silt-clay was encountered as shallow as 36 feet bgs [-31.4 feet NAVD, BPB-2/MW-1] at Parcel 5, and 25.75 feet bgs [-15.79 feet NAVD, WW-SB-200] at Parcel 3, and as deep as (at the bottom of the clay) 90 feet bgs [-78.27 feet NAVD, WW-SB-102] at Parcel 2. The deepest borings were advanced in Parcel 2; the bottom of the clay layer was not reached outside of Parcel 2 with the exception of WW-SB-21 located in Parcel 1. The glacial silt-clay unit is likely glaciolacustrine in origin as evidenced by the varves of fine sand. Similar deposits within New York Harbor, described by Meguerian (2003), were inferred to be associated with damming of Hudson River by the Harbor Hill Terminal Moraine to the southwest.

3.1.4. Bedrock

Bedrock was not encountered in RI borings. However, bedrock was encountered at 99 feet [-87.27 feet NAVD] in URS boring WW-SB-102 completed at Parcel 2, installed as part of a PDI (URS, 2013). Published bedrock information presented by Buxton, et al. (1981) indicates that bedrock in the vicinity of the Site is located at approximately -100 feet NAVD.

3.2. Site Hydrogeology

The Site hydrogeology will be discussed in terms of the closest surface water bodies (East River and Bushwick Inlet) and the groundwater aquifer (Upper Glacial Aquifer) that underlies the former Williamsburg Works MGP and vicinity. The East River is located at the northwestern boundary of the Site. The Site and vicinity are underlain by an unconfined aquifer, the Upper Glacial Aquifer. Based upon recent gauging data at and near the Site, the anticipated depth to groundwater is from approximately 1 to 12 feet bgs, depending on proximity to the East River, thickness of fill wedge, and tide level. The groundwater flow direction is northwest, towards the East River. Historic groundwater reversals, due to pumping for industrial and public water supply, between 1904 and 1947 have been documented (Buxton, 1981). Groundwater elevation measurements are provided in Table 3.

The Upper Glacial Aquifer is generally an unconfined aquifer. This is consistent with published studies completed by Buxton, et al. (1981) and Cartwright (2002). The Upper Glacial Aquifer has been subdivided into shallow, intermediate, and deep groundwater zones for purposes of this RI. Groundwater contour maps of the shallow (groundwater surface) zones of the Upper Glacial Aquifer were prepared for high and low tide stages of November 2, 2009, December 19, 2012, March 8, 2023, and September 11, 2024 (Plate 7 through 9, and Figs. 9 through 17). Two monitoring wells (WW-MW-01 and WW-MW-04) were unable to be located during the 2012 gauging event. Fifteen wells (WW-MW-01, WW-MW-04 to WW-MW-11, WW-MW-16 through WW-MW-20, and WW-MW-22) had been abandoned during the Parcel 2 IRM or were unable to be located during the 2022 gauging event. Thirteen monitoring wells (WW-MW-01, WW-MW-04 through WW-MW-11, WW-MW-14, WW-MW-17, WW-MW-19, WW-MW-22) were unable to be located during the 2023 and 2024 gauging events. Additionally monitoring wells WW-MW-11 and WW-MW-12 were not gauged during the 2024 gauging event due to access restrictions caused by a construction barrier blocking WW-MW-12 at the corner of Parcel 5 and the fenced area along Parcel 3 and 4 (WW-MW-11).WW-MW-205 was not measured due to the presence of LNAPL.

Horizontal hydraulic conductivities were calculated using Bouwer-Rice methods based upon in-situ (slug) tests completed during the RI. Slug tests were performed in shallow (groundwater surface) wells within the Upper Glacial Aquifer. URS conducted slug tests August 2012 which provide estimated values for hydraulic conductivity of multiple stratigraphic zones. Five wells (WW-MW-04, WW-MW-05, WW-MW-07, WW-MW-08, and WW-MW-17) are screened within the upper 22-feet of fill and overburden soils. Two wells (WW-MW-100I and WW-MW-102I) are screened from approximately 47 to 57 feet bgs, and one well (WW-MW-102), is screened below the clay layer from 90 to 100 feet bgs. URS estimated hydraulic conductivity for the shallow zone (0 to 22 feet) was 4.34 x 10-4 cm/s. Mean hydraulic conductivity for the intermediate zone (47 to 59 feet) was 7.11 x 10-5 cm/s, and the deep zone (90 to 100 feet) was 5.87 x 10-4 cm/s (URS, 2013). A summary of hydraulic conductivity values is presented in Table 4. Appendix J includes the slug test data with the associated hydraulic conductivity calculations.

3.2.1. Upper Glacial Aquifer

To evaluate the conditions within the Upper Glacial Aquifer, monitoring wells installed in three groundwater zones: shallow (groundwater surface), intermediate, and deep. Shallow wells were installed by GEI as part of the RI, and intermediate and deep wells were installed by URS as part of a Pre-Design Investigation on Parcel 2 and by GEI on parcels 3 and 4 as part of the RI. A discussion of the groundwater conditions for the shallow, intermediate, and deep zones of the Upper Glacial Aquifer is presented below.

3.2.1.1. Upper Glacial Aquifer – Shallow (Groundwater Surface) Zone

The shallow groundwater zone resides in fill, alluvial deposits, and glacial deposits. Well screen intervals within the shallow zone were constructed with screen intervals placed across the groundwater surface; the screen intervals ranged between approximately 0.3 to 23 feet bgs (11.88 to -10.42 feet NAVD).

3.2.1.2. Water Level Summary and Groundwater Flow

Groundwater surface (shallow zone) elevations ranged from elevation -2.56 feet NAVD at WW-MW-14 [near the East River] to 9.20 feet NAVD at WW-MW-07 [Parcel 2] during the December 19, 2012, groundwater gauging event.

Groundwater surface elevations ranged from elevation 7.04 feet NAVD at WW-MW-204 at high tide [Northeast region of Parcel 3] to -0.79 feet NAVD at WW-MW-201 at low tide [close to the East River] during the October 6, 2022, groundwater gauging event.

Groundwater surface elevations ranged from elevation -0.82 feet NAVD at WW-MW-201 at low tide [one of the closest to the East River] to 7.56 feet NAVD at WW-MW-18 [Parcel 6] at high tide during the March 8, 2023, groundwater gauging event.

Groundwater surface elevations ranged from elevation -0.65 feet NAVD at WW-MW-201 (one of the closest wells to the East River) at low tide to 6.50 feet NAVD at WW-MW-18 [Parcel 6] at high tide during the September 11, 2024, groundwater gauging event.

Tidal fluctuations in the shallow zone ranged from no change in WW-MW-17 during the November 2, 2009 gauging event and no change in WW-MW-204 during the August 17, 2022 gauging event to 3.78 feet in WW-MW-14 during the December 19, 2012 gauging event WW-MW-17 was located on the western portion of Parcel 2 while WW-MW-14 is located adjacent to Parcel 4 at the end of North 11th Street, approximately 50 feet to the southeast of the East River. WW-MW-204 is located at the Northeast corner on Parcel 3. The tidal change measured from the tidal benchmark within the East River was 5.70 feet during the November 2, 2009, gauging event and 3.38 feet during the December 19, 2012, event. Due to concerns that the bulkhead and dock were unstable, a benchmark measurement was not taken during the gauging events in 2022, 2023 and 2024. Overall, the greatest tidal fluctuations were observed in monitoring wells located closest to the East River shoreline. Tidal fluctuations were less than 0.02 feet at approximately 400 feet from the East River at WW-MW-206 and WW-MW-204.

The shallow groundwater near the Site generally flows northwest toward the East River at high and low tide levels based upon groundwater elevation data (Plate 7 and Figs. 9 through 15). The groundwater contours prior to the Parcel 2 IRM show a potential area of mounded water in the groundwater surface portion of the Upper Glacial Aquifer beneath Parcel 2, which is likely attributable to lack of on-site drainage and the presence of the Relief Holder (Plate 7 and Figs. 9 through 12).

3.2.1.3. Hydraulic Gradient and Average Linear Flow

The average horizontal hydraulic gradient of the shallow groundwater wells post-Parcel 2 IRM is approximately 0.006 foot/foot during high tide and 0.009 foot/foot for low tide. The steepest observed hydraulic gradients within the shallow monitoring well network ranged up to 0.021 foot/foot and were generally located within Parcel 3. Flatter gradients were apparent on Parcels 1 and 2, further from the shoreline, as low as 0.0001 foot/foot. A tidally influenced hydraulic gradient change was apparent in wells near the shoreline of the East River. A hydraulic gradient ranging from 0.0002 foot/foot to 0.008 foot/foot was observed at high tide within approximately 100 feet of the East River in the area of wells WW-MW-12 and WW-MW-14 and WW-MW-202 and WW-MW-203, respectively.

The hydraulic conductivity (K) of the groundwater surface portion of the Upper Glacial Aquifer was estimated using data generated from well permeability tests (rising head slug test) conducted on monitoring wells (WW-MW-01, WW-MW-04 and WW-MW-17). WW-MW-01 was screened within soil that consisted of intervals of silty sand, widely graded gravel with sand, widely graded sand with gravel, and widely graded sand. WW-MW-04 was screened within soil that consisted of intervals of silt with gravel, narrowly graded sand, silty sand, and widely graded sand. WW-MW-17 was screened within soil that consisted of silty sand. The minimum calculated hydraulic conductivity ranged from 2.3 to 2.6 feet/day (Table 4). WW-MW-04 and WW-MW-17 were located on Parcel 2 and hydraulic conductivity was calculated prior to the IRM. This data may not be representative of current conditions on Parcel 2. Appendix J shows hydraulic conductivity calculations.

Average linear flow velocities for the shallow upper glacial aquifer were calculated based on the measured hydraulic conductivities and the horizontal hydraulic gradients using the following equation:

$$V = K*i/n$$

where:

K = hydraulic conductivity of the formation

i = lateral hydraulic gradient

n = effective porosity of the formation

The following values were used to calculate a range of average linear flow velocities for the shallow portion of the Upper Glacial Aquifer.

Parameter	Value	Notes
Effective porosity (n):	30%	Assumed literature value (Fetter, 1988)
Lateral hydraulic gradient (i):	0.013 (foot/foot)	Determined from contour map (Plates 7 through 9 and Figs. 9 through 17)
Hydraulic conductivity (K):	2.6 (feet/day) 2.5 (feet/day) 2.3 (feet/day)	Slug test value from WW-MW-01 Slug test value from WW-MW-04 Slug test value from WW-MW-17

The estimated average linear flow velocity is 38 feet per year for the area investigated.

Vertical Head Potentials

The groundwater flow for a specific aquifer or flow zone is typically depicted on a contour map that represents the potentiometric surface of the groundwater.

From such a map, one can infer the direction of groundwater flow. The potential for vertical groundwater flow between aquifers, or groundwater flow zones, is often of interest in assessing how contaminants may migrate from one aquifer, or flow zone, to another.

Calculation of the vertical hydraulic head differentials (vertical head potential) between two aquifers (or groundwater flow zones) provides a means to assess the potential for groundwater to migrate (either upward or downward) between separate aquifers or flow zones. It is important to note that if a confining layer is present between two aquifers (e.g., the glacial-silt clay, Gardiner's Clay or bedrock), that groundwater may not actually move across the confining layer and therefore the calculated vertical head potential will simply represent the difference in hydraulic pressures between the two aquifers. Vertical head potential is calculated by dividing the magnitude of head difference between two wells by the linear distance between the elevations of the well screen centers for each well using the following equation:

$$iv = dh/dl$$

Where:
iv = the vertical hydraulic head differential between two groundwater flow zones
dh = the change in groundwater head (elevation) between two wells (ft)
dl = the linear distance between the centers of two well screens

Vertical head potentials were calculated for well clusters screened between the shallow, intermediate and deep zones of the Upper Glacial Aquifer of the 26 wells spread out on Parcels 3 and 4. Table 5 presents a summary of the calculated vertical head potentials for each well pair. As presented in Table 5, a negative value of vertical gradient represents potential downward groundwater flow between the flow zones and a positive vertical gradient represents potential upward flow between the flow zones.

A downward head potential was noted in many well pairs between shallow to intermediate, shallow to deep, and intermediate to deep groundwater zones of the Upper Glacial Aquifer on both Parcl 3 and 4 during low tide. Vertical head potentials ranged from 1.64 (WW-MW-200/WW-MW-200I) to -2.26 (WW-MW-207I/WW-MW-207D) during low tide, and 2.22 (WW/MW-201/WW-MW-201I) to -1.43 (WW-MW-207/WW-MW-207D) during high tide. Greater downward head potentials were noted in all well pairs at low tide and well pairs located on the eastern portion of the parcel (Table 5). The well clusters for WW-MW-207 and WW-MW-201 are located to the northwest on Parcel 4, which is the closest to the East River.

Both downward and upward head potentials were observed within many monitoring well pairs on Parcels 3 and 4. At low tide, an upward head potential in WW-MW-200, WW-MW-201, WW-MW-204, WW-MW-205 and WW-MW-206 ranging from 1.64 (WW-MW-204/204D) to 0.02 (WW-MW-201I/WW-MW-201D) these wells are located far from the bulkhead on Parcel 3. WW-MW-205 is located northwest on Parcel 3 and WW-MW-201 is located at the northwest area of Parcel 4 closest to the East River. At high tide, a downward head was noted in WW-MW-200, WW-MW-202, WW-MW-203, WW-MW-204, WW-MW-206 and WW-MW-207 ranging from -0.00301 (WW-MW-203I/D) to -0.09040 (WW-MW-207I/D). WW-MW-203 and WW-MW-207 are located on Parcel 4.

3.2.1.4. Tidal Summary

Three monitoring wells were installed within approximately 50 feet of the East River or the Bushwick Inlet shoreline. Additionally, eight shallow monitoring wells were installed on Parcels 3 and 4 within

approximately 5 to 480 feet of the East River. Beyond approximately 120 feet (at WW-MW-203) from the East River, little to no fluctuation in tidal difference was observed. The following wells are located within 120 feet of the East River shoreline:

- WW-MW-12 – adjacent to Parcel 3 along the sidewalk of North 11th Street
- WW-MW-14 – adjacent to Parcel 4 at the dead end of North 11th Street
- WW-MW-15 – adjacent to Parcel 4 at the dead end of North 12th Street
- WW-MW-19 – within Parcel 6
- WW-MW-201 – within Parcel 4
- WW-MW-202 – within Parcel 4
- WW-MW-203 – within Parcel 4
- WW-MW-205 – within Parcel 3
- WW-MW-207 – within Parcel 4

Tidal fluctuations of water level measurements within these wells are summarized in the table below and are compared to the change in surface water elevation.

Location	Tidal Fluctuation 11/02/2009 (ft)	Tidal Fluctuation 12/19/2012 (ft)	Tidal Fluctuation 10/06/2022 (ft)	Tidal Fluctuation 03/08/2023 (ft)	Tidal Fluctuation 09/11/2024 (ft)
East River Tidal Benchmark	5.70	3.38	-- (a)	-- (a)	-- (a)
WW-MW-14	3.05	-- (b)	2.30	-- (c)	-- (c)
WW-MW-15	1.80	0.15	0.82	1.52	2.86
WW-MW-200	-- (e)	-- (e)	-0.01	-0.16	-0.05
WW-MW-201	-- (e)	-- (e)	3.09	2.06	2.22
WW-MW-202	-- (e)	-- (e)	2.53	1.43	1.50
WW-MW-203	-- (e)	-- (e)	0.55	0.02	0.38
WW-MW-204	-- (e)	-- (e)	0.07	-0.02	-0.04
WW-MW-205	-- (e)	-- (e)	-0.13	-- (d)	-- (d)
WW-MW-206	-- (e)	-- (e)	-0.01	-0.04	-0.02
WW-MW-207	-- (e)	-- (e)	0.19	-0.43	0.31

(a) Benchmark unable to be gauged due to unstable/unsafe bulkhead conditions.

(b) A measurement error at WW-MW-14 prevented estimation of tidal fluctuation for the 2012 gauging event.

(c) Unable to measure WW-MW-14 during the March 2023 and September 2024 gauging event due to inaccessibility.

(d) WW-MW-205 was not gauged due to the presence of LNAPL.

(e) Well not installed until 2022.

Tidal fluctuations generally decreased as well distance from the shoreline increased. A full list of well gauging data is provided in Table 3.

3.2.1.5. Upper Glacial Aquifer – Intermediate Zone

Two intermediate zone monitoring wells (WW-MW-100I and WW-MW-102I) were installed by URS as part of the Pre-Design Investigation, and eight intermediate zone monitoring wells were installed as part of the Supplemental Remedial Investigation on Parcels 3 and 4. The intermediate groundwater zone resides in glacial deposits just above the glacial lacustrine clay unit. Monitoring well screen intervals within this zone ranged from -37.36 to -47.36 feet NAVD.

The average potentiometric surface elevations within the intermediate groundwater zone ranged from elevation 1.65 feet NAVD at WW-MW-201I during the September 11, 2024 groundwater gauging event to elevation 3.96 feet NAVD at WW-MW-102I during the December 19, 2012 groundwater gauging event. WW-MW-201I had a tidal fluctuation of 1.24 feet between high and low tide and WW-MW-102I has a tidal fluctuation of 0.01 feet between high and low tide. Additionally, WW-MW-100I, WW-MW-102I were decommissioned in accordance with NYSDEC guidance as stated in the 2018 IRM CCR.

3.2.1.6. Water Level Summary and Groundwater Flow

The intermediate zone potentiometric surface elevations (intermediate zone) ranged from elevation 0.41 NAVD at WW-MW-201I at low tide [closest to the East River] to 3.20 feet NAVD at WW-MW-206I at high tide [southern region of Parcel 3] during the September 11, 2024, groundwater gauging event.

Tidal fluctuations in the intermediate zone ranged from 0.27 feet in WW-MW-204I to 1.28 feet in WW-MW-202I during the September 11, 2024, gauging event. Due to concerns that the bulkhead and dock were unstable, a benchmark measurement was not taken during the 2024 event. Overall, the greatest tidal fluctuations were observed in monitoring wells located closest to the East River shoreline. Tidal fluctuations were less than 0.30 feet at approximately 400 feet from the East River at WW-MW-206I and WW-MW-204I.

The intermediate groundwater near the Site generally flows northwest toward the East River at high and low tide levels based upon groundwater elevation data (Plate 8 and Fig. 16).

3.2.1.7. Hydraulic Gradient and Average Linear Flow

The average horizontal hydraulic gradient of the intermediate groundwater wells is approximately 0.003 foot/foot during high tide and 0.005 foot/foot for low tide. The steepest observed hydraulic gradient within the intermediate monitoring well network ranged up to 0.018 foot/foot and is located within Parcel 4. A tidally influenced hydraulic gradient change was apparent in wells near the shoreline of the East River. A hydraulic gradient ranging from 0.0006 foot/foot to 0.004 foot/foot was observed at high tide within approximately 200 feet of the East River in the area of wells WW-MW-200I and WW-MW-203I and WW-MW-206I and WW-MW-204I, and 0.0007 foot/foot to 0.011 foot/foot was observed at low tide within approximately 200 feet of the East River in the area of wells WW-MW-200I and WW-MW-203I and WW-MW-202I.

3.2.1.8. Vertical Hydraulic Gradient

The average vertical hydraulic gradient of the shallow to intermediate wells is approximately 0.00255 foot/foot during low tide and 0.00972 during high tide. The steepest observed hydraulic gradient within the shallow to intermediate wells is 0.069 foot/foot at monitoring wells WW-MW-201 and WW-MW-201I, which are located west on Parcel 4 closest to the East River. Wells closest to the East River were not majorly influenced by tidal changes during high tide, the vertical gradient showed a downward trend during high tide closest to the East River for WW-MW-202, WW-MW-207 ranging from -0.04307 foot/foot at WW-MW-207/I to -0.01601 foot/foot at WW-MW-203/I. WW-MW-206 is located northwest on Parcel 4 roughly 70ft from the East River.

3.2.1.9. Tidal Summary

Eight intermediate monitoring wells were installed on Parcels 3 and 4 within approximately 5 to 480 feet of the East River. Beyond approximately 120 feet (at WW-MW-203) little to no fluctuation in tidal difference was observed. The following wells are located within 120 feet of the East River shoreline:

WW-MW-201I - within Parcel 4

WW-MW-202I - within Parcel 4

WW-MW-203I - within Parcel 4

WW-MW-205I - within Parcel 3

WW-MW-207I - within Parcel 4

Tidal fluctuations of water level measurements within these wells are summarized in the in the table below.

Location	Tidal Fluctuation 09/11/2024 (ft)
WW-MW-200I	0.43
WW-MW-201I	1.24
WW-MW-202I	1.28
WW-MW-203I	0.48
WW-MW-204I	0.27
WW-MW-205I	0.41
WW-MW-206I	0.26
WW-MW-207I	0.93

Tidal fluctuations generally decreased as wells moved away from the shoreline. A full list of well gauging data is provided in Table 3.

3.2.1.10. Upper Glacial Aquifer – Deep Zone

The deep groundwater zone consists of glacial deposits. One well (WW-MW-102D) was installed by URS as part of the PDI and was screened at -80.27 to -90.27 feet NAVD immediately below the bottom of the glacial silt-clay unit and above bedrock.

The groundwater elevations within the deep groundwater zone ranged from elevation 0.41 feet NAVD at WW-MW-201D to elevation 3.32 feet NAVD at WW-MW-206D during the September 11, 2024, groundwater gauging event. WW-MW-201D had a tidal fluctuation of 1.03 feet between high and low tide and WW-MW-204D has a tidal fluctuation of 0.12 feet between high and low tide. WW-MW-102D could not be located, as stated in the 2018 IRM CCR and is not present following the Parcel 2 IRM.

3.2.1.11. Water Level Summary and Groundwater Flow

Deep zone potentiometric surface elevations (deep zone) ranged from elevation 0.41 feet NAVD at WW-MW-201D at low tide [closest to the East River] to 3.32 feet NAVD at WW-MW-206D at high tide [southern region of Parcel 3] during the September 11, 2024, groundwater gauging event.

Tidal fluctuations in the deep zone ranged from 0.12 feet in WW-MW-204D to 1.03 feet in WW-MW-201D during the September 11, 2024, gauging event. Due to concerns that the bulkhead and dock were unstable, a benchmark measurement was not taken during the 2024 event. Overall, the greatest tidal fluctuations were observed in monitoring wells located closest to the East River shoreline. Tidal fluctuations were less than 0.40 feet at approximately 400 feet from the East River at WW-MW-206I and WW-MW-204I.

The deep groundwater near the Site generally flows northwest toward the East River at high and low tide levels based upon groundwater elevation data (Plate 9 and Fig 17).

3.2.1.12. Hydraulic Gradient and Average Linear Flow

The average horizontal hydraulic gradient of the deep groundwater wells is approximately 0.003 foot/foot during high tide and 0.005 foot/foot for low tide. The steepest observed hydraulic gradient within the deep monitoring well network ranged up to 0.025 foot/foot and is located within Parcel 4. A tidally influenced hydraulic gradient change was apparent in wells near the shoreline of the East River. A hydraulic gradient ranging from 0.0006 foot/foot to 0.025 foot/foot was observed at high tide within approximately 150 feet of the East River in the area of wells WW-MW-205D and WW-MW-207D and WW-MW-201D, and 0.0003 foot/foot to 0.01 foot/foot was observed at low tide within approximately 120 feet of the East River in the area of wells WW-MW-201D and WW-MW-202D and WW-MW-203D and WW-MW-207D.

3.2.1.13. Vertical Hydraulic Gradient

The average vertical hydraulic gradient of the shallow to deep, and intermediate to deep wells is approximately -0.00954 foot/foot during low tide and -0.00141 during high tide. The steepest observed hydraulic gradient within the shallow to deep, and intermediate to deep wells is -0.09040 foot/foot at monitoring wells WW-MW-207I to WW-MW-207D, which are located west on Parcel 4 closest to the East River. Wells closest to the East River were not majorly influenced by tidal changes during high tide, the vertical gradient showed a downward trend during high tide closest to the East River for WW-MW-200, WW-MW-202, WW-MW-203, WW-MW-204, WW-MW-206 and WW-MW-207 ranging from -0.01738 foot/foot at WW-MW-207/D to -0.00301 foot/foot at WW-MW-203I/D. WW-MW-203 and WW-MW-207 are located near the central edges on Parcel 4 WW-MW-207 is roughly 70ft from the East River.

Eight deep monitoring wells were installed on Parcels 3 and 4 within approximately 5 to 480 feet of the East River. Beyond approximately 120 feet (at WW-MW-203) little to no fluctuation in tidal difference was observed. The following wells are located within 120 feet of the East River shoreline:

- WW-MW-201D - within Parcel 4
- WW-MW-202D - within Parcel 4
- WW-MW-203D - within Parcel 4
- WW-MW-205D – within Parcel 3
- WW-MW-207D - within Parcel 4

Tidal fluctuations of water level measurements within these wells are summarized in the in the table below.

Location	Tidal Fluctuation 09/11/2024 (ft)
WW-MW-200D	0.35
WW-MW-201D	1.03
WW-MW-202D	0.79
WW-MW-203D	0.40
WW-MW-204D	0.12
WW-MW-205D	0.42
WW-MW-206D	0.40
WW-MW-207D	0.53

Tidal fluctuations generally decreased as wells moved away from the shoreline. A full list of well gauging data is provided in Table 3.

4. Nature and Extent of Impacts

This section of the report summarizes the physical and chemical nature and extent of impacts identified through implementation of the RIWP at the former Williamsburg Works MGP Site. The RI was conducted without any presumption that observed impacts were attributable to the Williamsburg Works MGP given the overwhelming information pointing to historic releases from multiple potential sources (Section 1.0). Throughout the investigation, a review of historic occupancy and process operations highlighted that adjacent and collocated operations, specifically those conducted by SOCONY Pratt Works, may have produced a similar contaminant profile to that which might be found at an MGP (e.g. DNAPLs, sheen, VOCs, metals, etc.). A review of the data revealed heterogeneous impacts and commingling of contaminants resulting in uncertainty in source identification throughout the area of investigation. Given the difficulty in distinguishing sources and lack of investigation data on portions of adjacent parcels where historic operations occurred, the nature and extent of impacts and Conceptual Site Model (CSM) must be considered preliminary until further delineation has been completed by others on all SOCONY-Pratt Works parcels (Parcel 5 and 6). The RI was conducted specifically to observe and document the presence/absence of potentially MGP-related impacts, such as NAPL, volatile organic compounds, metals, odors, physical sheen, staining, coating, and saturation, purifier waste, etc. The following discussion is based upon interpretation of data obtained and observations made during the RI.

The nature and extent of physical impacts and chemical constituents is affected by a number of factors including: the presence of former historic structures, former site use, geologic conditions, and groundwater flow patterns. Physical observations (visual and olfactory) are provided on the boring and test pit logs included in Appendices G and H. These observations are also summarized on geologic cross sections A-A' through K-K' in Plates 3 through 6. Figs. 18 through 21 provide a summary of physical impacts observed within the unsaturated zone, the saturated zone to 30 ft bgs, the saturated zone below 30 ft bgs and above the clay layer, and the clay layer and deeper zone, respectively. Figs 22 through 25 provide a summary of samples collected within the borings that exceeded either one or more of Unrestricted, Protection of Groundwater, and Restricted Residential SCOs within the unsaturated zone, the saturated zone to 30 ft bgs, the saturated zone below 30 ft bgs and above the clay layer, and the clay layer and deeper zone, respectively. Discussion of depth is relative to feet bgs. Discussion of elevation is relative to the NAVD88.

This section presents the analytical results of the soil, sediment, groundwater, sub-slab vapor, soil vapor, and air samples collected during the RI. Soil vapor samples collected on Parcels 1, 3, and 4 are depicted in Figs. 26 and 27. The analytical results are discussed in terms of compounds or groups of compounds that are typically associated with former MGP operations. Generally, contaminants are grouped as organic or inorganic.

Organic compounds generally associated with former MGP operations include VOCs and SVOCs. The principal VOCs detected during the RI were benzene, toluene, ethylbenzene, and xylene (commonly and collectively referred to as BTEX). BTEX are VOCs commonly associated with petroleum and MGP-related impacts. The common subset of SVOCs associated with petroleum and MGP-related impacts are PAHs.

For the purpose of comparison to applicable NYSDEC and NYSDOH regulations, in this report, PAHs include:

2-Methylnaphthalene	Anthracene
Benzo(b)fluoranthene	Chrysene
Fluorene	Phenanthrene
Acenaphthene	Benz(a)anthracene
Benzo(g,h,i)perylene	Dibenz(a,h)anthracene
Indeno(1,2,3-cd)pyrene	Pyrene
Acenaphthylene	Benzo(a)pyrene
Benzo(k)fluoranthene	Fluoranthene
Naphthalene	

BTEX and PAHs are found in a variety of petroleum-related products as well as MGP by-products. PAHs in particular are ubiquitous in the urban environment and are commonly associated with multiple urban sources, such as: asphalt pavement run-off; combustion fall out; heavier fuel storage facilities for heating oil, diesel ranges (No. 2 through 4), and boiler fuels (e.g. No. 6 and bunker crude); and abraded tire particulates found along roadways and washed into waterways, as well as many other industrial sources. The fingerprinting analyses performed by Exponent and Gateway Enterprises state that chemical results demonstrate that the contamination at the different parcels is from multiple sources, consistent with the historical industrial nature of the area (Appendix E and L).

During the RI, a number of artificial organic compounds that had not been synthesized and/or were not broadly used during the era of the MGP operation were identified. Such compounds include PCBs, chlorinated solvents, organochlorinated pesticides, and PFAS. Since these compounds did not exist and/or were not broadly used at the time of the MGP operations, the presence of these compounds is related to land use activities that post-date the operation of the former MGP. According to the chemical fingerprinting analysis of available data that was performed by Exponent (Appendix E), several non-MGP compounds, including PCBs and pesticides were detected in surface and shallow subsurface soil as well as solvents at varying depths across the area investigated, in addition to NAPL. According to the chemical fingerprinting analysis of data that was performed by Gateway Enterprises (Appendix L), PAHs detected in soil are from both petrogenic (derived from petroleum) and pyrogenic (derived from combustion) hydrocarbon sources.

Soil analytical results were compared to several Soil Cleanup Objectives (SCOs). In accordance with NYSDEC guidance, all soil analytical results are compared to Title 6, Chapter 100, Part 700-705, Subpart 375-6 of the New York State Code of Rules and Regulations (6NYCRR Part 375) Unrestricted Use SCOs (NYSDEC, 2006) (Unrestricted SCOs).

Soil analytical results were also compared to either the Restricted Use Restricted Residential SCOs (6NYCRR Part 375, subparagraph 1.8(g)(2)(ii)) (Restricted Residential SCOs) or to the Restricted Use Industrial SCOs (6NYCRR Part 375, subparagraph 1.8(g)(2)(iv) (Industrial SCO). The Restricted Residential SCOs apply to properties where the land use includes active recreational uses, such as public uses with a reasonable potential for soil contact. Soil analytical results were also compared to Protection of Groundwater SCOs and are discussed together with associated groundwater samples with exceedances of the AWQS. The Protection of Groundwater SCOs apply to soils, for the protection of groundwater under Section 375-6.5. This section identifies SCOs for soil that are intended to limit impacts to groundwater quality. Parks and areas of passive recreational use, where there is some potential for contacting soil, were classified under the Restricted Residential category under 6NYCRR Part 375 (NYSDEC, 2006). The Industrial SCOs are appropriate for evaluating the significance of site impacts in an urban setting because they reflect the current zoning of the site and surrounding area. Parcels 2 through 6 were compared to the Restricted Residential SCOs because the currently understood future land use for these properties is as park land. Parcel 1 was compared to the Industrial SCOs because of the current zoning. Target analyte concentrations in soil samples associated with groundwater sample exceedances were compared to Protection of Groundwater SCOs. A comparison of soil analytical results to the Protection of Groundwater SCOs relative to the groundwater results is presented in section 4.3.

Table 5 presents the typical background concentrations of metals in soil for the Eastern United States (Shacklette and Boerngen, 1984). Table 6 presents a summary of background polycyclic aromatic hydrocarbon (PAH) concentrations in New York City surface soil (Retec, 2007). The background study by Retec was conducted in Manhattan, New York; however, the background values are expected to be applicable to all areas of New York City, including Brooklyn. These tables are provided for context and are useful in evaluating the concentrations of inorganic (i.e., metals and cyanide) and organic compounds present at the area investigated. Background concentrations are provided for context. Recognized background concentrations, in particular those established by the USGS and included in the RIR, have been widely used and accepted in the field to assist in determining if concentrations may be site-related, naturally occurring, or typical of regional levels for a particular compound. The background levels are not intended to be used to influence remedy selection or remedial decisions.

Tables 7, 8, and 9 provide the soil sample results for individual compounds detected at least once, and the sum of the detected concentrations for each of the following: BTEX, all VOCs, PAHs, all SVOCs, and PCB Aroclors. For estimated concentrations of individual compounds (“J” qualified), the estimated value was used to generate the total. Detected compounds are bold in the table. Concentrations in excess of the Unrestricted SCOs and applicable Restricted Residential, Industrial, or Protection of Groundwater SCOs have been highlighted. Table 7 provides detected surface soil analytical results for locations adjacent to Parcels 3 and 4, Table 8 provides subsurface soil analytical results for Parcels 2 through 6, only, and Table 9 provides subsurface soil analytical results for Parcel 1, only.

In accordance with NYSDEC guidance, sediment sampling results were compared to the June 24, 2014 NYSDEC Screening and Assessment of Contaminated Sediment Saltwater Sediment Guidance Values (SSGVs). Table 10 provides the individual compound results, the sum of the detected concentrations of BTEX as well as the sum of all VOCs, the sum of the detected concentrations of PAHs as well as the sum

of all SVOCs, and the sum of PCB constituents for sediments. Detected compounds are bold and exceedances of the guidance values have been highlighted in the tables.

In accordance with NYSDEC guidance, groundwater sampling results were compared to the New York State Ambient Water Quality Standards (NYSAWQS) for a GA area. It should be noted that while the results were compared against the NYSDEC's GA standards per NYSDEC guidance, NYC provides potable water to Brooklyn; therefore, potential exposures related to consumption of groundwater are not of concern for this Site. Table 11 provides a summary of field parameters collected during sampling activities. Table 12 provides the groundwater sample results for individual compounds and the sum of the detected concentrations for each of the following: BTEX, all VOCs, PAHs, all SVOCs, and PCB Aroclors. Detected compounds are bolded and exceedances of the criteria have been highlighted.

Soil vapor and indoor ambient air results are compared to NYSDOH SVI Guidance and Decision Matrix Values. Sub-slab vapor, soil vapor, indoor, and outdoor ambient air results are provided in Tables 14 and 15. Concentrations of compounds detected in sub-slab soil vapor and indoor air above NYSDOH SVI Guidance and Decision Matrix values are shaded on the tables.

The NYSDOH SVI Guidance includes indoor air guidance values for evaluation of three VOCs: TCE, PCE, and methylene chloride. The guidance values are established to provide context for the concentrations and reduce exposures to the chemicals. NYSDOH developed matrices that indicate what, if any, action is recommended based on the concentrations of TCE, cis-1,2-dichloroethene (c-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and carbon tetrachloride (Matrix A), PCE, 1,1,1-trichloroethane (1,1,1-TCA), and methylene chloride (Matrix B), vinyl chloride (Matrix C), benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and o-xylene (Matrix D), m,p-xylene, heptane, and hexane (Matrix E), and toluene (Matrix F) detected in indoor air and sub-slab vapor. NYSDOH matrices are provided in Appendix M.

The following terminology and descriptions were used to describe the visual and olfactory observations of NAPL and/or petroleum impacts in the soil and sediment, as recorded on the soil boring, sediment core, and test pit logs. These terms, as defined here, will be used in the discussion presented below.

- **Saturated:** the entirety of the pore space of the soil matrix for a given soil sample appeared to be filled with a NAPL based on visual inspection by field personnel. The characteristics of the observed NAPL were used in the description (i.e., NAPL-saturated). NAPL saturation does not reflect and should not be considered a quantitative determination regarding the amount of NAPL within the pore space of a given sample.
- **Coated:** soil grains were coated with NAPL/free-phase liquid, but there was not sufficient free-phase material present to saturate the pore spaces. The term "coated" was used in conjunction with modifiers such as light, moderate or heavy to indicate the degree of coating.
- **Blebs:** discrete blebs or pockets of NAPL were observed within a soil sample. The majority of the soil matrix did not exhibit the presence of NAPL beyond these discrete blebs. The characteristics of the observed NAPL were used in the description (i.e., NAPL blebs).
- **Sheen:** iridescence was observed within a soil sample.

- **Stained:** the soil sample exhibited a discoloration not apparently associated with natural processes. The color of the observed stain was noted, and if the characteristics of the staining material were discernible, they were also noted (i.e., NAPL-stained).
- **Odor:** if an odor was observed, it was described based on its relative intensity and characteristics. Modifier terms such as strong, moderate, and slight were used to describe relative odor intensity. Descriptive terms such as petroleum-like odors were also used.

The descriptions of soil samples, using the above terms, assists in this RI in characterizing the potential range of NAPL conditions and mobility in the subsurface, ranging from residual/non-mobile/weathered to NAPL-saturated, which may indicate potential mobility.

4.1. Impacts to Soil

As previously mentioned in section 3.1.1, the Site and surrounding area have been subject to historical filling as part of the development of the area. Fill and soil that contains fill can often contain elevated concentrations of compounds such as PAHs and metals, unrelated to historic operations at the Site.

4.1.1. Surface Soil

There was not any exposed surface soil within the footprint of the former MGP at the time of investigation. Therefore, nine surface soil samples (WW-SS-01 through WW-SS-09) were collected adjacent to the former MGP footprint from unpaved areas lining the sidewalks within the North 11th and North 12th Street ROWs (Plates 1 and 2). No NAPL was observed within surface soil.

All surface soil samples were compared to Unrestricted SCOs, Restricted Residential SCOs and Protection of Groundwater SCOs, and were collected from a depth of 0 to 0.2 feet below the existing ground surface.

Laboratory testing results indicated that VOCs, SVOCs, pesticides, PCBs, metals and free cyanide were detected in surface soil samples (Table 7). The presence of these compounds is not associated with the former operation of the MGP and represent impacts associated with fill and land uses post-dating the MGP operation. According to Exponents fingerprint analysis, gas chromatograms showed the presence of unresolved complex mixture (UCM) in all surface soil samples, consistent with residual-type oil found in road runoff.

4.1.1.1. Parcel 2 (Block 2287 Lot 1)

Three surface soil samples (WW-SS-01 through WW-SS-03) were collected adjacent to Parcel 2 to assess surface soil conditions. Benzo(a) pyrene, total PCBs, and arsenic were detected in concentrations exceeding SCOs.

The surface soil on Parcel 2 was excavated and disposed of off-Site as part of the Parcel 2 soil IRM. Analytical data from the RI for the remediated soils can be found in Appendix N.

4.1.1.2. Parcels 3 and 4 (Block 2287 Lot 16 and Block 2287 Lot 30)

Six surface soil samples (WW-SS-04 through WW-SS-09) were collected adjacent to the Parcels 3 and 4 to assess surface soil conditions. Table 7 attached to this report includes a detailed summary of the laboratory analytical reports.

VOCs including BTEX compounds were not detected in any of the surface soil samples.

Total PAH concentrations ranged from 3.951 mg/kg to 29.48 mg/kg. PAH concentrations were detected in five of the six samples at levels that exceeded the Restricted Residential SCOs including WW-SS-04, WW-SS-06, WW-SS-07, WW-SS-08, and WW-SS-09. The following summarizes the Restricted Residential SCO exceedances however we note that the detected PAH concentrations are relatively low and consistent with levels typical of urban settings:

- Indeno(1,2,3-cd)pyrene exceeded in all five samples with concentrations ranging from 0.52 mg/kg in sample WW-SS-04 to 2.9 mg/kg in sample WW-SS-04;
- Benzo(a)pyrene and benzo(b)fluoranthene exceeded in three of the six samples ranging in concentrations from 1.1 mg/kg in sample WW-SS-06 to 2.9 mg/kg in sample WW-SS-04.
- Benzo(a)anthracene exceeded in sample WW-SS-04 at 1.2 mg/kg and in sample WW-SS-08 at 2.1 mg/kg.
- Chrysene exceeded in samples WW-SS-06 at 1.1 mg/kg and in WW-SS-08 at 1.3 mg/kg.
- Dibenzo(a,h)anthracene exceeded in sample WW-SS-04 at 0.73 mg/kg.

The surface soil samples had varying concentrations of other detected SVOCs, none of which exceeded the Industrial SCOs. Gas chromatograms showed the presence of UCM in all surface soil samples, consistent with residual-type oil found in road run-off (Exponent, Appendix E).

Total PCB concentrations in the six surface samples ranged from 0.087 mg/kg to 0.47 mg/kg, none of which samples exceeded the Restricted Residential SCO of 1 mg/kg. The surface soil samples had varying concentrations of pesticides, none of which exceeded the Industrial SCOs however, concentrations of 4,4-DDD, 4,4-DDE or 4,4-DDT were detected in all six samples at above the associated Unrestricted SCOs. Herbicides were not detected above SCOs in the samples.

Metal concentrations were detected in the samples at concentrations below the Industrial SCOs however, concentrations of copper, lead, and zinc exceeded the Unrestricted SCOs in all samples and mercury exceeded the Unrestricted SCO in sample WW-SS-04. Copper was also detected in sample WW-SS-06 at 347 mg/kg which is above the Residential Restricted SCO of 270 mg/kg. Free cyanide was not detected in the samples above the laboratory reporting limits, with the exception of WW-SS-07, in which it was detected at 0.063 mg/kg.

COPCs in surface soil are related to land uses that post-date the operation of the MGP because the street level was raised following MGP operations.

4.1.2. Subsurface Soil

Subsurface soil is discussed by Parcel and by the following groupings:

- Shallow Subsurface Soil – The top 5 feet of soil that may be excavated during utility or construction activities. Soil samples for laboratory analysis were collected to document the chemical findings in this depth range.
- Deep Subsurface Soil – Subsurface soils deeper than 5 feet, where physical impacts were generally observed. Soil samples for laboratory analysis were collected beneath observed impacted zones and serve to document the chemical findings beneath the observed physical impacts.

4.1.2.1. Parcel 1 (Block 2288 Lot 1)

Parcel 1 is located southeast of the Parcel 2 portion of the former MGP. Former MGP structures included a gas holder, a coal bin, and a gas oil storage tank. Five tanks within two tank pits located in the eastern and western corners are shown in a 1921 BUG drawing and are related to toluol plant activities.

Nine soil borings (WW-SB-01, WW-SB-02, WW-SB-19 through WW-SB-22, and WW-MW-01 through WW-MW-03) were advanced on and adjacent to Parcel 1 to assess the subsurface conditions. The following discussion of the nature and extent of impacts will provide a summary of the physical and chemical impacts encountered at Parcel 1. As mentioned above, Parcel 1 was compared to the Industrial SCOs because of current zoning.

4.1.2.2. Shallow Subsurface Soil

All samples within the top 5 feet in soil borings at or adjacent to Parcel 1 were collected within fill materials. Concrete and brick fragments, associated with current and historic sidewalks and streets, were observed in borings WW-MW-01 through WW-MW-03, WW-SB-01, and WW-SB-02. Concrete and brick fragments, likely associated with the former gas holders, were observed in borings WW-SB-19 through WW-SB-22.

Generally, NAPL impacts (including odors, sheens, and staining) were not observed at Parcel 1, except at WW-SB-22. This boring is located adjacent to the footprint of the former Holder No. 3 and a naphthalene-like odor was observed in the top 5 feet of the boring.

Total BTEX concentrations ranged from non-detect in a number of samples to 0.1011 mg/kg in WW-SB-19 (2 to 3 feet). There were only three detections of two other VOCs, acetone and carbon disulfide. VOC concentrations did not exceed the Industrial SCOs.

Total PAH concentrations ranged from non-detect in WW-SB-01 (1 to 5 feet) to 71.31 mg/kg in WW-SB-22 (3 to 4 feet). Concentrations of benzo(a)pyrene and dibenz(a,h)anthracene exceeded the Industrial SCOs in five and three samples, respectively. Concentrations of other SVOCs did not exceed the Industrial SCOs. Gas chromatograms indicate impacts from diesel-like product (Exponent, Appendix E).

Detected concentrations of PCBs, pesticides, herbicides, and metals did not exceed the Industrial SCOs. PCBs, pesticides, herbicides, copper and zinc are not MGP-related and are likely related to fill.

Free cyanide was detected below the Unrestricted Use SCO (27 mg/kg) in one sample, WW-SB-21 (1 to 2 feet) at 0.0456 mg/kg.

4.1.2.3. Deep Subsurface Soil

Fill material and potential former foundations were encountered at Parcel 1 to a maximum depth of 20 feet bgs (-7.76 feet NAVD) in WW-SB-21. Soil borings confirmed the presence of the holder tank foundation. The bottom of Holder No. 3 ranged from 10 to 11.5 feet bgs and the bottom of the gas oil storage tank was approximately 10 feet bgs. Impacts were observed across the property in the deep subsurface soil, as shallow as 9 feet bgs, the most concentrated of which were generally near Holder No. 3 (Figs. 19 and 20). Exceedances of Industrial SCOs were limited to native material. Physical impacts for Parcel 1 are discussed further below.

Total BTEX concentrations ranged from non-detect in three samples to 887 mg/kg in WW-MW-03 (28 to 30 feet), which was a NAPL coated stratum. Only one of the individual BTEX concentrations exceeded its Industrial SCOs of 89 mg/kg. This exceedance was for benzene, detected at a concentration of 90 mg/kg in WW-SB-22 (37 to 38 feet). A few other non-MGP related VOCs, including acetone, carbon disulfide, chloroform, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1,2,2-tetrachloroethane, and TCE; and styrene were detected, but their concentrations did not exceed the Industrial SCOs.

Total PAH concentrations ranged from non-detect in a number of samples to 1,910.7 mg/kg in WW-SB-20 (55 to 57 feet), which was a NAPL-stained stratum. Individual PAHs were detected in nine samples at concentrations exceeding Industrial SCOs; of them, total and individual PAH concentrations exceeding the Industrial SCOs were detected in three samples from physically impacted strata (WW-SB-20 [55 to 57 feet], WW-SB-22 [37 to 38 feet], and WW-MW-03 [28 to 30 feet]). Individual PAHs detected at concentrations exceeding the Industrial SCOs include benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenz[a,h]anthracene, and naphthalene. Concentrations of other SVOCs did not exceed the Industrial SCOs. Gas chromatograms of samples shallower than 20 feet bgs indicate impacts from diesel-like product (Exponent, Appendix E.)

Per the RIWP, deep subsurface soil was not tested for PCBs, pesticides, and herbicides, due the likelihood that these compounds generally come from a surficial, non-MGP-related source of contamination. Concentrations of metals did not exceed the Industrial SCOs. Free cyanide was not detected at Parcel 1.

Six samples, shown in the table below, were collected beneath visually observed impacts to document vertical extent of contamination. Concentrations in these samples were present at levels below the Industrial SCOs. These results document that the vertical extent of MGP-related impacts has been bounded for Parcel 1 and that the horizontal extent of MGP-impacts has been bounded to the north, east, and south of Parcel 1. Three of these samples contained selenium with concentrations above the Protection of Groundwater SCOs. Selenium is not related to MGP operations.

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Industrial SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-02	50-53	No	No
WW-MW-03	60-63	No	Yes*
WW-SB-19	47-50	No	No
WW-SB-20	62-63	No	No
WW-SB-21	68-69	No	Yes*
WW-SB-22	65-65.5	No	Yes*

Notes:
Selenium exceeded Protection of Groundwater SCO (4 mg/kg) at the following concentrations:

- WW-MW-03 (60-63) – 10.5 J mg/kg
- WW-SB-21 (68-69) – 8.1 J mg/kg
- WW-SB-22 (65-65.5) – 4.6 J mg/kg

4.1.2.4. Physical Impacts

Soil with visual petroleum impacts including sheens or staining were observed at five of the nine soil borings completed within Parcel 1. Petroleum-impacted soil was generally encountered near the water table, as shallow as 9 feet bgs (7.19 feet NAVD); however, in one case (WW-MW-03), impacts were observed as deep as 43.1 feet bgs (-29.11 feet NAVD). No measurable LNAPL was observed in the monitoring wells adjacent to Parcel 1. Gas chromatograms indicate the impacts are from diesel-like products (Exponent, Appendix E). Petroleum impacts are likely related to the garage and gasoline storage tank located on Parcel 1 after the MGP ceased operations.

Other NAPL impacts ranging from sheens to coating were observed in four of the nine soil borings (WW-MW-03 and WW-SB-20 through WW-SB-22) located at or adjacent to Parcel 1, at depths between 14.4 and 58 feet bgs (-2.16 to -42.06 feet NAVD). Holder No. 3 and a gas oil storage tank were present on Parcel 1 during MGP operations. MGP related impacts were not observed in the boring (WW-SB-19) installed within the footprint of the gas oil storage tank, which was located on the southern portion on the property. Impacts ranging from NAPL sheens to blebs and partial coating were observed in soil borings (WW-SB-20 and WW-SB-21) installed within Holder No. 3. Sheen and lenses of coating were observed in the two soil borings (WW-MW-03 and WW-SB-22) located adjacent to holder number 3. Concrete was encountered at a depth of 10 to 13 feet bgs (6.1 to 3.1 feet NAVD) within the gas oil storage tank. Brick and concrete were encountered between 10 and 15 feet bgs (4.44 to -2.16 feet NAVD) within the Holder No. 3 footprint. These materials suggest the presence of bottom foundations.

The table below presents a summary of physical impacts more significant than odor and staining at Parcel 1.

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-MW-03	27.5-29.5	NAPL coating
WW-SB-20	55-58	NAPL coating
WW-SB-21	33.2-35.4	NAPL blebs

These observations and analytical results described above demonstrate that the deep subsurface at Parcel 1 is impacted by NAPL. In addition, GEI observed instances of petroleum-like odor and sheen in the subsurface, indicating residual petroleum contamination. Fingerprint analysis performed by Exponent also identified several samples as having diesel-like product characteristics (Appendix E). Visual MGP-related impacts were not observed in WW-SB-02 and WW-MW-16 located to the north, WW-MW-01 to the east, and WW-SB-01 and WW-MW-02 to the south of Parcel 1, therefore horizontal delineation is considered to be complete in these directions. Visual impacts were not observed immediately above the confining clay layer within Parcel 1 or within the bottom 10 feet of borings installed adjacent to Parcel 1 confirming the vertical delineation of contamination as discussed above in relation to analytical data. Refusal was encountered at soil boring WW-SB-01 at 26 feet on N. 11th Street. Soil borings WW-SB-17 and 38 were installed downgradient of WW-SB-01 on N. 11th Street and Parcel 2, respectively. Visual impacts were not observed immediately above the confining clay layer or within the bottom 10 feet of these borings.

4.1.2.5. Parcel 2 (Block 2287 Lot 1)

Structures at Parcel 2 related to the former MGP included an exhaust house, gas holders, saltwater condensers, a lime house, purifying houses, condenser house, governor house, and meter/lime houses. A still house and tank shown in a 1920 Chemical Equipment Corporation drawing and 1921 BUG drawing and are likely related to toluol plant activities. However, no above ground structures remain onsite.

Twenty-three soil borings (WW-SB-03 through WW-SB-11, WW-SB-23, WW-SB-24, WW-SB-37 through WW-SB-42, WW-MW-04 through WW-MW-08, and WW-MW-17) were advanced and six test pits (WW-TP-01 through WW-TP-06) were excavated on and adjacent to Parcel 2 to assess the subsurface conditions. The following discussion of the nature and extent of impacts will provide a summary of the physical and chemical impacts encountered at Parcel 2. As mentioned above, Parcel 2 was compared to the Restricted Residential SCOs because of its use as a park.

As discussed in Section 1.5, soil on Parcel 2 underwent remediation as part of an IRM. Analytical data from the RI for the remediated soils can be found in Appendix N.

4.1.2.6. Shallow Subsurface Soil

Fill materials were encountered within the top 5 feet at soil borings and test pit excavations. Brick and concrete associated with the three gas holders were observed in test pits WW-TP-01 through WW-TP-06 and boring WW-SB-05. The concrete building slab from the former NYCDOS garage was evident at the surface and identified in borings on the western portion of the Parcel prior to the soil IRM. Following the soil IRM, Parcel 2 was redeveloped as a park. Approximately 5 feet of concrete was observed at WW-MW-04, within the footprint of the former still house. Soil excavation was conducted in three areas throughout Parcel 2. The northeastern and southwestern sections of the parcel were excavated up to a depth of 7 feet below the ground surface, while soil removal to a depth of up to 30 feet bgs occurred in the central part of the site and within the holders.

4.1.2.7. Deep Subsurface Soil

Fill material was encountered at Parcel 2 to a maximum depth of 25.5 feet bgs (-16.1 feet NAVD) in WW-SB-06 which is within Holder No. 1. Soil borings and test pit excavation confirmed the presence of the holder foundations. The bottom of the Parcel 2 holders ranged from 20 to 25.5 feet bgs. Physical impacts were observed across the property in the deep subsurface soil, the heaviest of which were generally near and within the three gas holders (Cross Section A-A', Plate 3). Soil within the gas holders and at the center of Parcel 2 was excavated and removed up to 30-ft bgs as part of the soil IRM. Remaining physical impacts for Parcel 2 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 3,460 mg/kg in WW-SB-24 (38 to 40 feet), which was collected from a NAPL saturated stratum northeast of Holder No. 1.

Total PAH concentrations ranged from non-detect in a number of samples to 6,416 mg/kg in WW-MW-07 (48.5 to 49.5 feet), which was a stained stratum adjacent to Parcel 2 on North 12th Street. Many samples from both fill and native physically impacted strata showed total and individual PAH concentrations that exceeded the Restricted Residential SCOs. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs in deep subsurface soil.

Per the RIWP, deep subsurface soil was generally not tested for PCBs, pesticides, and herbicides, due to the likelihood that these compounds generally come from a surficial, non-MGP-related source of contamination.

Concentrations of metals including arsenic, barium, lead, manganese, and mercury were detected in some samples at levels exceeding the Restricted Residential SCOs primarily within fill. Concentrations of arsenic (20.5 mg/kg in WW-SB-11 [1 to 2 feet]) exceed the Restricted Residential SCO of 16 mg/kg. Concentrations of barium (531 mg/kg in WW-SB-40 [95 to 95.5 feet]) exceeded the Restricted Residential SCO of 400 mg/kg. Concentrations of lead (548 mg/kg in WW-MW-17 [7 to 8 feet], 2,140 mg/kg in WW-SB-11 [1 to 2 feet], and 2,980 mg/kg in WW-TP-06 [6 to 6.5 feet]) exceeded the Restricted Residential SCO of 400 mg/kg. The concentration of manganese at (4,820 mg/kg in WW-SB-42 [62 to 62.5 feet]) exceeded the Restricted Residential SCO of 2,000 mg/kg. Concentrations of mercury (0.91mg/kg at WW-MW-17 [1 to 2 feet], 1.2 mg/kg at WW-MW-17 [7 to 8 feet], 1.3 mg/kg at WW-SB-11 [1 to 2 feet], 0.93 mg/kg at WW-TP-05 [6 to 6.5 feet]) exceeded the Restricted Residential SCO of 0.81 mg/kg. All arsenic concentrations, one of the barium concentrations, all manganese concentrations, and all mercury concentrations were within the range of typical background concentrations (Table 5) of metals in soil (0.1 to 73 mg/kg, 10 to 1,500 mg/kg, 2 to 7,000 mg/kg, and 0.01 to 3.4 mg/kg, respectively). Exponent states that the abrupt drop in metal concentrations with depth indicates that these metals are associated with historical fill. Other sources that potentially contributed to the metals include the former railroads that existed in Parcels 3, 4, 5, and 6; metal works on Parcel 2; and the former tin can factory on Parcel 6 (Appendix E).

Free cyanide was not detected in deep subsurface soil.

Seventeen samples, shown in the table below, were collected beneath visually observed impacts to document vertical extent of contamination. All concentrations, with the exceptions noted below, were present at levels below the Restricted Residential SCOs in these samples. These results document that

the vertical extent of MGP-related impacts has been bounded for these boring locations. Nine of these samples contained BTEX, SVOC and metals with concentrations above the Protection of Groundwater SCOs. Barium and nickel are not related to MGP operations and are below typical background concentrations of metals in oil in the eastern United States (Table 6).

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-04	58-59	No	No
WW-MW-05	63-64	No	No
WW-MW-06	58-60	No	Yes*
WW-MW-07	59-60	No	Yes*
WW-MW-08	40-45	No	No
WW-MW-17	54-55	No	Yes*
WW-SB-09	53-54	Yes	Yes*
WW-SB-10	51-52	No	Yes*
WW-SB-11	63-64	No	No
WW-SB-23	62-63	Yes	Yes*
WW-SB-24	53-55	No	Yes*
WW-SB-37	96-97	No	No
WW-SB-38	96.5-97	No	No
WW-SB-39	96-97	No	No
WW-SB-40	95-95.5	Yes	Yes*
WW-SB-41	96-97	No	No
WW-SB-42	96.5-97	No	Yes*

Notes:
The following samples exceeded Protection of Groundwater SCOs at the following concentrations:

- WW-MW-06 (58-60) – benzene 0.15 J mg/kg
- WW-MW-07 (59-60) – benzene 2.8 J mg/kg
- WW-MW-17 (54-55) – benzene 0.13 J mg/kg
- WW-SB-09 (53-54) - benzene 14 mg/kg, toluene 15 mg/kg, ethylbenzene 16 mg/kg, total xylene 19 mg/kg, and naphthalene 15 mg/kg
- WW-SB-10 (51-52) - benzene 2.8 mg/kg, toluene 1.2 mg/kg, ethylbenzene 1.5 mg/kg, naphthalene 21 mg/kg, 2-methylphenol (o-cresol) 0.55 J mg/kg, 4-methylphenol (p-cresol) 0.52 J mg/kg, and nickel 170 mg/kg
- WW-SB-23 (62-63) – benzene 13 mg/kg, toluene 32 mg/kg, ethylbenzene 35 mg/kg, total xylene 69 mg/kg, benzo(a)anthracene 7.5 mg/kg, benzo(b)fluoranthene 3.5 J mg/kg, chrysene 6.9 mg/kg, and naphthalene 120 mg/kg
- WW-SB-24 (53-55) – benzene 0.063 mg/kg
- WW-SB-40 (95-95.5) – barium 531 mg/kg
- WW-SB-42 (96.5-97) – nickel 231 J mg/kg

Accordingly, the vertical extent of impacts was found to be above the confining clay layer at all boring locations on this Parcel except for WW-SB-09 and WW-SB-23. Soil boring WW-SB-41 was completed adjacent to WW-SB-23, and a sample collected from 96 to 97 feet did not have any exceedances of the Restricted Residential SCOs. With the exception of the non-MGP related concentration of barium in WW-SB-40 discussed above, all analytical sample concentrations collected from below the confining clay layer did not exceed the Restricted Residential SCOs.

4.1.2.8. Physical Impacts

Soil with visual petroleum impacts including sheens or staining were observed at 12 of the 51 soil borings completed within Parcel 2. Petroleum-impacted soil was encountered near the water table, as shallow as 3.9 feet bgs and as deep as 19 feet bgs (6.03 to -9.09 feet NAVD). No measurable LNAPL was observed in the monitoring wells at Parcel 2. Fingerprint analysis of the fill/shallow soil indicates the presence of various petroleum products, which would not be typical of former MGP operations but is consistent with petroleum storage operations that occurred after the MGP ceased operation (Exponent, Appendix E). Petroleum impacts are likely related to the long-term oil operations adjacent to the Site and to other industrial sources typically found in urban areas, as well as the New York City Department of Sanitation former operations within Parcel 2. As discussed in Section 1.3.1, two diesel and one gasoline spill was reported for Parcel 2 between 1978 and present.

Other NAPL impacts ranging from sheen to saturation were observed between 3.5 and 60.4 feet bgs (8.9 to -48.3 feet NAVD) in all but three soil borings (BPB-11, BPB-12, and WW-SB-11) completed at or adjacent to Parcel 2. GEI observed visual NAPL impacts just above the clay layer at three locations (WW-SB-23, WW-SB-39, and WW-SB-41) which are located down gradient, to the west of two gas holder foundations. Soils in the vicinity of WW-SB-23 and WW-SB-41 were excavated to a depth of 30 feet as part of the IRM process. Similarly, soils in the vicinity of WW-SB-39 were excavated to a depth of 5 feet during the IRM. Visual NAPL impacts were not encountered within or beneath the clay layer in any of the six deep borings installed by GEI as part of the RI. URS observed visual NAPL impacts ranging from sheen to saturation within and/or below the clay layer in seven of the 11 borings installed, however these impacts are assumed to be an artifact of hollow stem auger drilling methods. NAPL saturation was observed within five of the six borings (WW-SB-03 and WW-SB-05 through WW-SB-08) located within the gas holder footprints as well as 12 borings (WW-MW-08, WW-SB-23, WW-SB-24, WW-SB-41, WW-SB-100, WW-SB-101, WW-SB-104 through WW-SB-107, WW-SB-109, and WW-SB-110) installed near or slightly down gradient to the west of the foundations. Soils in the vicinity of soil borings WW-SB-03, WW-SB-05 through WW-SB-08, WW-SB-100, WW-SB-101, WW-SB-23, WW-SB-24, and WW-SB-41 were excavated to a depth of 30 feet bgs as part of the IRM. Similarly, soils in the vicinity of WW-SB-104 through WW-SB-07 were excavated to a depth of 5 feet bgs during the IRM. Refusal was encountered within the holder foundations between depths of 20 and 25.5 feet bgs (-7.88 to -16.10 feet NAVD), which suggests the presence of a foundation.

The table below presents a summary of remaining physical impacts more significant than odor and staining at Parcel 2, following the completion of the IRM.

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-MW-04	30-33.5	NAPL coating
WW-MW-05	50.9-51.5	NAPL blebs NAPL coating
WW-MW-06	11-14.4, 15.6-17.1 11-13, 22.9-24.2, 25.8-28.1, 50-54	NAPL coating NAPL blebs

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-SB-09	47.3-51.4 51.4-54	NAPL coating NAPL blebs
WW-SB-10	47.7-49	NAPL blebs NAPL coating
WW-SB-23	27.9-33.6 30.3-33.6, 35-54.8	NAPL blebs NAPL coating NAPL saturation
WW-SB-24	36.5-37.7 37.7-39.5	NAPL blebs NAPL saturation
WW-SB-37	28.4-31.1, 32-32.9	NAPL coating
WW-SB-39	46.6-47, 48.7-48.9	NAPL blebs NAPL coating
WW-SB-41	29.9-37, 38.7-40.9 37-37.9	NAPL coating NAPL saturation
WW-SB-42	37-39.7, 37-39.7	NAPL blebs NAPL coating

These physical observations and analytical results described above demonstrate that the subsurface at Parcel 2 was impacted by NAPL, including various distilled petroleum products inside and around the footprint of the former gas holders,. Petroleum impacts on Parcel 2 are not likely related to MGP operations. URS installed 13 recovery wells in and around Parcel 2. NAPL samples collected from recovery well NRW-7 showed a dominant pyrogenic PAH signature with a small contribution from a petrogenic source. PAHs in the NAPL from the remainder of the recovery well samples were predominantly pyrogenic, based on the PAH profiles and the lack of UCM in the gas chromatograms. For the Verizon manhole NAPL and solid sample collected at the intersection of N. 12th Street and Kent Avenue, the alkylated PAH compounds far exceeded the abundance of the parent PAH compounds, indicating that the PAHs are from petrogenic sources. This was consistent with the gas chromatograms, which showed the presence of a mix of diesel- and heavy-fuel-like refined products, which would be unrelated to the former MGP operations (Exponent, Appendix E).

Visual impacts were not observed in RI soil borings immediately above the confining silt or clay layer within or adjacent to Parcel 2 with the exception of WW-SB-09 and WW-SB-23. Visual impacts were not observed within or below the confining clay layer in any of the RI borings confirming the vertical delineation of contamination as discussed above in relation to analytical data. The following table shows sample locations that were not installed 10 feet beyond visual impacts or to the confining clay layer within or adjacent to Parcel 2. These borings were not installed during RI activities.

Boring ID	Reason for shallow termination	Vertical delineation borings
BPB-13/MW-4	Installed by others on behalf of NYC; not a RI sample location.	WW-SB-40 and WW-SB-25
WW-SB-100, WW-SB-101, and WW-SB-107	Installed by URS on behalf of National Grid; not a RI sample location.	These impacts are assumed to be an artifact of hollow stem auger drilling methods (see above).

4.1.2.9. Parcels 3 and 4 (Block 2287 Lot 16 and 30)

Parcels 3 and 4 are located to northwest of the Parcel 2 portion of the former MGP. The former MGP operations also took place on Parcels 3 and 4. Historic MGP-related structures at Parcels 3 and 4 included fuel oil tank, iron tar tank, wooden tar tank, oil tanks, tar slop tank, pump house, coal shed, oil separators, generator houses, condenser house, exhauster houses, scrubbers, iron gas tank, engines dynamo, retort house, storage, offices, and pipelines that crossed Parcel 4 connecting SOCONY Parcels 5 and 6. However, no above ground structures remain onsite.

Nine soil borings (WW-SB-13 through WW-SB-16, WW-MW-10, WW-MW-11, and WW-MW-13 through WW-MW-15) were advanced adjacent to Parcels 3 and 4, and sixty-two soil borings (WW-SB-200 through WW-SB-241, WW-SB-251 through WW-SB-254, WW-MW-200 through WW-MW-207, WW-MW-200D through WW-MW-207D, and WW-SB-243B through WW-SB-349B, and ten test pits (WW-TP-200A, B, C, WW-TP-201A and B, WW-TP-202A, B, and C, and WW-TP-203A and B) were advanced within and adjacent to Parcels 3 and 4, to assess the subsurface conditions. The following discussion of the nature and extent of impacts will provide a summary of the impacts encountered on and adjacent to Parcels 3 and 4. Access to Parcels 3 and 4 was not granted during the initial RI period but was subsequently granted for the RI scope implemented in 2022, 2023 and 2024.

4.1.2.10. Shallow Subsurface Soil

Fill materials were encountered within the shallow subsurface soil (top 5 feet) at all soil borings. Much of this shallow fill material was likely brought in when the former building was constructed which is now referred to as the fill wedge. Generally, environmental impacts (including odors, sheens, and stains) appear to be petroleum-related, based on olfactory observations or forensic analysis, along North 12th Street, possibly from the adjacent properties long-term use as a fuel oil distribution facility. Physical impacts observed adjacent to Parcels 3 and 4 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 7.779 mg/kg in WW-TP-203A (2.5 feet). Individual BTEX compounds did not exceed Restricted Residential SCOs for any of the shallow samples. Total VOC concentrations range from non-detect in a number of samples to 81.971 mg/kg in WW-TP-203A (2.5 feet). Individual VOC concentrations did not exceed the Restricted Residential SCOs in any samples.

Total PAH concentrations ranged from 0.0196 mg/kg in WW-SB-217 (0 to 5 feet) to 1,108.3 mg/kg in WW-SB-14 (1 to 5 feet). Individual PAH concentrations exceed the Restricted Residential SCOs in 61 samples. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs. Alkylated PAH concentrations exceed Restricted Residential SCOs in 35 samples.

Total PCB concentrations ranged from non-detect in a number of samples to 4.1 mg/kg in WW-SB-204 (0.4-5 feet). Individual concentrations of PCBs, pesticides, and herbicides did not exceed the Restricted Residential SCOs.

Metal concentrations ranged from non-detect to exceeding Restricted Residential SCOs of for arsenic, barium, cadmium, chromium, copper, lead and mercury, in multiple samples. Concentrations of arsenic exceeded the Restricted Residential SCO of 16 mg/kg in fourteen shallow subsurface sample locations.

Detected arsenic concentrations that exceed the SCOs range from 16.6 mg/kg in WW-SB-213 (0-5 feet), to 159 mg/kg in WW-TP-203A,; however, arsenic concentrations at twelve of the locations were within the range of typical background concentrations (Table 5) for arsenic in soil (0.1 to 73 mg/kg). Concentrations of Barium exceed the Restricted Residential SCOs of 400 mg/kg in one sample: 431 mg/kg in sample WW-SB-254 (0.6-5 feet). Cadmium concentrations exceeded Restricted Residential SCOs of 4.3 mg/kg at five shallow subsurface sampling locations. Concentrations that exceed the cadmium SCO range from 4.38 mg/kg in sample WW-SB-200 (0.4-3.5 feet), to 8.37 mg/kg in sample WW-SB-202 (0.4-5 feet). Chromium concentrations exceeded Restricted Residential SCOs of 180 mg/kg in one sample: 193 mg/kg in WW-SB-200 (0.4-3.5 feet). Concentrations of copper exceeded Restricted Residential SCOs of 270 mg/kg in eight of the samples, ranging from 278 mg/kg in sample WW-SB-200 (0.4-3.5 feet) to 1,010 mg/kg in sample WW-SB-203 (0.4-5 feet). Lead concentrations exceed the Restricted Residential SCOs of 400 mg/kg in twelve samples, ranging from 435 mg/kg in sample WW-SB-240 (0.5-4.5 feet) to 1,010 mg/kg in samples WW-SB-229 (0-5 feet) and WW-SB-254 (0.6-5 feet). Mercury concentrations exceed Restricted Residential SCOs of 0.81 mg/kg in seventeen samples, ranging from 1.17 mg/kg in sample WW-SB-241 (0.5-4.5 feet) to 2.6 mg/kg in sample WW-TP-203A (2.5 feet).

PFAS concentrations did not exceed Restricted Residential SCOs. n-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) was detected in one sample, WW-SB-212 (1.5-5 feet), at 0.00055 mg/kg. Perfluorooctanesulfonic acid (PFOS) was detected at seven sample locations below Restricted Residential SCOs of 0.044 mg/kg, at concentrations ranging from non-detect to 0.002 mg/kg in WW-SB-200 (0.4-3.5 feet). PFOA was detected below Restricted Residential SCOs of 0.033 mg/kg in four samples, at concentrations ranging from non-detect to 0.00031 mg/kg in WW-SB-200 (0.4-3.5 feet).

Free cyanide was not detected in any of the samples within and adjacent to Parcels 3 and 4.

4.1.2.11. Deep Subsurface Soil

Fill materials, including concrete, coal, brick fragments, and wood, were encountered on and adjacent to Parcels 3 and 4 to a maximum depth of 26.25 feet bgs (-16.11 feet NAVD) in WW-MW-207D, likely from historic filling of the East River. Impacts were observed in the deep subsurface soil, the heaviest of which were within Parcel 4 (Plate 5). Physical impacts adjacent to and within Parcels 3 and 4 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 7,510 mg/kg in sample WW-SB-231 (20 to 25 feet). Individual BTEX compounds were detected at concentrations above Restricted Residential SCOs in thirty samples. Total VOC concentrations range from non-detect in a number of samples to 17,465.3 mg/kg in sample WW-SB-230 (15-20 feet). Individual VOC concentrations exceeded the Restricted Residential SCOs in 30 samples.

Total PAH concentrations ranged from non-detect to 36,451 mg/kg in sample WW-SB-225 (20-25 feet). Many samples from physically impacted strata also showed individual PAH concentrations that exceeded the Restricted Residential SCOs. Dibenzofuran exceeded Residential SCOs of 59 mg/kg at eight sampling locations, ranging from 82 mg/kg in WW-SB-233 (20-25 feet), to 1,130 mg/kg in WW-SB-225 (20-25 feet). Alkylated PAH concentrations exceed Restricted Residential SCOs in 64 samples.

Metals concentrations range from non-detect to exceeding Restricted Residential SCOs for arsenic, barium, copper, lead, manganese, and mercury in several samples. Concentrations of arsenic exceed the Restricted Residential SCO of 16 mg/kg in twenty-seven samples, ranging from 16.9 mg/kg in sample WW-SB-15 (12-13 feet) to 260 mg/kg in sample WW-SB-216 (20-25 feet); however, arsenic concentrations at twenty-four of the locations were within the range of typical background concentrations (Table 5) for arsenic in soil (0.1 to 73 mg/kg). Concentrations of barium exceed the Restricted Residential SCO of 400 mg/kg in two samples: 597 mg/kg in sample WW-TP-200C (10 feet), and 769 mg/kg in sample WW-SB-216 (20-25 feet). Copper concentrations exceed Restricted Residential SCOs of 270 mg/kg in three samples, ranging from 318 mg/kg in sample WW-TP-200C (10 feet) to 667 mg/kg in sample WW-SB-215 (15-20 feet). Concentrations of lead exceed Restricted Residential SCOs of 400 mg/kg in sixteen samples, ranging from 428 mg/kg in WW-SB-233 (20-25 feet) to 3,100 mg/kg in sample WW-SB-213 (20-25 feet). Manganese concentrations exceed Restricted Residential SCOs of 2,000 mg/kg in two samples, 4,330 mg/kg in sample WW-SB-234 (25-30 feet) and 4,440 mg/kg in sample WW-MW-204D (60-62 feet). Concentrations of mercury exceed Restricted Residential SCOs of 0.81 mg/kg in nineteen samples, ranging from 0.81 mg/kg in sample WW-SB-13 (12-15 feet) to 19.1 mg/kg in sample WW-SB-216 (20-25 feet). Potential contributing sources of metals may have included the former railroads spanning Parcels 3, 4, 5, and 6; the former metal works facility on Parcel 2; as well as the tin can factory formerly located on Parcel 6 (Appendix E).

Free cyanide concentrations range from non-detect in several samples to 1.5 mg/kg in sample WW-MW-204D (60-62 feet). Free cyanide was detected in six of the 2024 borings only. Fifty-nine samples, shown in the table below, were collected beneath visually observed impacts or above the confining clay layer to document vertical extent of contamination. Concentrations were detected in all samples below the Restricted Residential SCOs, for all analytes except for sample WW-SB-234 (25-30 feet) and WW-MW-204D, which exceeded the Restricted Residential SCO of 2,000 mg/kg for manganese. Generally, these results document that the vertical extent of impacts has been bounded for these boring locations. Four of these samples contained benzene or manganese with concentrations above the Protection of Groundwater SCOs. Manganese is not related to MGP operations and is below typical background concentrations of metals in oil in the eastern United States (Table 6).

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-11	39-40	No	No
WW-MW-14	55-57	No	No
WW-SB-13	37-38	No	No
WW-MW-200	33-35	No	No
WW-MW-200D	60-62	No	No
WW-MW-201	45-50	No	No
WW-MW-201D	66-68	No	No
WW-MW-202	50-52	No	No
WW-MW-202D	70-72	No	No
WW-MW-203	22-24	No	No
WW-MW-203D	68-70	No	No

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-204	48-50	No	No
WW-MW-204D	60-62	Yes	Yes*
WW-MW-205	35-40	No	No
WW-MW-205D	70-72	No	No
WW-MW-206D	40-42	No	No
WW-MW-207D	60-62	No	No
WW-SB-200	25-26	No	No
WW-SB-201	30-32	No	No
WW-SB-202	34-35	No	No
WW-SB-203	30-32	No	Yes*
WW-SB-204	28-30	No	No
WW-SB-205	28-30	No	No
WW-SB-206	28-30	No	No
WW-SB-207	68-70	No	No
WW-SB-208	38-40	No	No
WW-SB-209	40-45	No	No
WW-SB-211	30-35	No	No
WW-SB-212	75-76	No	No
WW-SB-213	35-40	No	No
WW-SB-214	30-35	No	No
WW-SB-215	35-40	No	No
WW-SB-216	38-40	No	No
WW-SB-217	40-45	No	No
WW-SB-218	35-40	No	No
WW-SB-219	35-40	No	No
WW-SB-220	35-40	No	No
WW-SB-221	67-70	No	No
WW-SB-222	48-50	No	No
WW-SB-223	42-45	No	No
WW-SB-224	35-40	No	No
WW-SB-226	35-40	No	No
WW-SB-228	40-45	No	No
WW-SB-229	40-45	No	No
WW-SB-230	34-35	No	No
WW-SB-232	70-72	No	No
WW-SB-233	35-40	No	No
WW-SB-234	25-30	Yes	Yes*
WW-SB-235	70-75	No	No
WW-SB-236	39-40	No	No
WW-SB-237	23-25	No	No

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-SB-238	28-30	No	Yes*
WW-SB-239	54-55	No	No
WW-SB-240	49-50	No	No
WW-SB-241	39-40	No	No
WW-SB-251	23-25	No	No
WW-SB-252	25-30	No	No
WW-SB-253	25-30	No	No
WW-SB-254	43-45	No	No

Notes:
The following samples exceeded Protection of Groundwater SCOs at the following concentrations:

- WW-MW-204D (60-62) – manganese 4,440 J mg/kg
- WW-SB-203 (30-32) – benzene 0.203 J mg/kg
- WW-SB-234 (25-30) - manganese 4,330 mg/kg
- WW-SB-238 (28-30) – benzene 0.203 mg/kg

4.1.2.12. Physical Impacts

Former MGP structures on Parcels 3 and 4 include the following:

- Parcel 3 - retort house, generator house, engine blower room, boiler house, scrubbers, shaving scrubbers, iron gas tank, accommodation room, blacksmith shop, and a paint shop.

- Parcel 4 - coal shed, oil separators, tar separation tanks, pump house, separators, tar tanks, a wooden tar tank, an iron tar tank, and gas oil tanks.

No above ground structures remain on site and Parcels 3 & 4 are vacant. The surface of Parcels 3 and 4 is constructed of a concrete and asphalt slab underlain by a wedge of post-MGP-placed fill that measures approximately 9-feet in thickness at the most northeastern part of Parcel 4 to approximately 1 foot at the most southwestern section of Parcel 3. Soil mainly consists of intervals of gravel, silty gravel, sand with silt and gravel, silty sand and sandy silt.

Soil with visual petroleum impacts ranging from sheens to staining were observed at four of the 9 soil borings adjacent to Parcels 3 and 4 (WW-MW-10, WW-MW-11, WW-MW-13 through WW-MW-15, and WW-SB-13 through WW-SB-16). Petroleum-impacted soil was encountered near the water table, as shallow as just under the paved surface and as deep as 25 feet bgs (6.15 to -18.46 feet NAVD). A thin layer of LNAPL was observed in monitoring well WW-MW-205. There was not enough volume of LNAPL to collect a sample. Petroleum impacts are likely related to the oil tanks and pipelines on the property, long-term oil operations (Paragon Oil Co. Inc., Texaco Inc. and UST) conducted at and adjacent to the property, as well as other industrial sources typically found in urban areas.

Soil with visual petroleum impacts ranging from staining to saturation were observed at twenty of the 62 soil borings on Parcel 3 and 4 (WW-SB-201 through WW-SB-205, WW-SB-207 through WW-SB-216, WW-

SB-219 through WW-SB-222, WW-SB-229 through WW-SB-231, WW-SB-233, WW-SB-236, WW-SB-239, WW-SB-241, WW-SB-251 through WW-SB-254, WW-SB-243B through WW-SB-349B and WW-MW-200, WW-MW-203 through WW-MW-206). LNAPL was observed in monitoring well WW-MW-205 after installation. NAPL gauging at monitoring wells on Parcels 3 and 4 and recovery at WW-MW-205S began in 2023 and is ongoing.

Other NAPL impacts ranging from sheen to coating were observed in nine of the 14 soil borings adjacent to Parcels 3 and at depths between 4 and 43.9 feet bgs (6.51 to -37.15 feet NAVD).

Other NAPL impacts ranging from staining to saturations were observed in 43 of the 62 soil borings on Parcels 3 and 4, at depths as shallow as 5 and ranging up to 75 feet bgs (1.6 to -64.77 feet NAVD). DNAPL blebs or stringers were observed in WW-MW-201 and WW-MW-202.

The table below presents a summary of physical impacts more significant than odor and staining at Parcels 3 and 4.

Boring ID	Depth Intervals (Feet bgs)	Physical Impact Observations
WW-MW-10	4-5, 7-8.9, 10-12.2	NAPL blebs
WW-MW-13	5-10, 16.8-17.5 10-12.9	NAPL coating NAPL blebs
WW-MW-14	20-22.2, 28.6-28.8, 35-36.6, 40-42.1 42.1-43.9	NAPL coating NAPL blebs
WW-SB-13	10-19.3	NAPL coating
WW-SB-14	10-11.1	NAPL coating
WW-SB-16	11.9-13	NAPL blebs
WW-SB-201	5-10, 11.25-15, 15-20	NAPL saturation NAPL blebs
WW-SB-202	11.48-12.96, 15-18	NAPL saturation NAPL blebs
WW-SB-203	7-10, 10-10.69, 15-20	NAPL blebs
WW-SB-204	6.72-8.1	NAPL blebs
WW-SB-205	10-15	NAPL coating
WW-SB-207	6.66-9.04	NAPL coating
WW-SB-208	10-15, 20-21.25	NAPL sheen
WW-SB-209	10-15, 15-18.33	NAPL coating NAPL sheen
WW-SB-210	5-10, 10-15	NAPL sheen
WW-SB-211	10-11.04, 11.04-14.17, 14.17-15	NAPL sheen
WW-SB-212	10-15	NAPL/Petroleum sheen
WW-SB-213	15-20, 20-24, 24-25, 25-30	NAPL coating NAPL sheen
WW-SB-214	5-10, 10-12.06, 14.26-15	NAPL/Petroleum coating NAPL/Petroleum sheen

Boring ID	Depth Intervals (Feet bgs)	Physical Impact Observations
WW-SB-215	10-15, 15-20	NAPL saturation NAPL sheen
WW-SB-216	6-10, 10-15, 15-20, 20-25, 25-26.21, 26.21-27.42, 30-31.09	NAPL sheen
WW-SB-217	20-25	NAPL/Petroleum sheen
WW-SB-218	10-15, 15-20	NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-219	10-15	NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-220	15-20, 20-25, 25-29	NAPL/Petroleum coating NAPL/Petroleum blebs NAPL/Petroleum sheen
WW-SB-221	15-20, 35-35.4, 51.89-53.24	NAPL saturation NAPL coating NAPL blebs NAPL sheen
WW-SB-222	10.65-15, 15-20, 20-22.29, 22.29-25, 25-27.63, 30-35	NAPL saturation NAPL/Petroleum sheen NAPL/Petroleum coating
WW-SB-223	10-13.82, 13.82-15, 15-20, 20-25, 25-26, 26-30, 30-32.5	NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-224	10-15, 15-20, 20-21.92, 21.92-25	Petroleum blebs Petroleum sheen
WW-SB-225	5-6.92, 10-15, 15-20, 20-25	NAPL/Petroleum saturation NAPL/Petroleum sheen
WW-SB-226	5-10, 10-15, 15-20, 20-21.43, 21.43-25	NAPL/Petroleum saturation NAPL/Petroleum sheen
WW-SB-228	5-10, 10-15, 15-20, 20-20.96	NAPL/Petroleum coating NAPL/Petroleum blebs NAPL/Petroleum sheen
WW-SB-229	5-10, 10-15, 15-20, 20-22.13, 25-26	NAPL/Petroleum saturation NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-230	10-15, 15-20, 20-21.25	NAPL/Petroleum coating NAPL/petroleum sheen
WW-SB-231	10-15, 15-20, 20-23.57, 25-28, 30-34	NAPL/Petroleum saturation NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-232	15-19, 25-26.79, 26.79-29.46	NAPL/Petroleum sheen
WW-SB-233	12.42-15, 15-20, 20-23.33, 23.33-25	NAPL/Petroleum saturated NAPL coating NAPL/Petroleum sheen
WW-SB-234	20-22.5	NAPL/Petroleum sheen
WW-SB-236	7.31-10, 15-15.83, 23.19-25	NAPL saturated NAPL sheen

Boring ID	Depth Intervals (Feet bgs)	Physical Impact Observations
WW-SB-237	10-15, 15-15.37	Petroleum blebs Petroleum sheen
WW-MW-204 WW-SB-239	5-9.17, 9.17-10	Petroleum coating Petroleum lenses
WW-SB-240	6-10, 15-16.35	Petroleum coating
WW-SB-241	6.2-9, 20-21, 21-25	NAPL saturation NAPL blebs NAPL sheen
WW-SB-251	13.79-15	NAPL saturation NAPL sheen
WW-SB-252	10-12.96	NAPL/Petroleum coating NAPL/Petroleum sheen
WW-SB-253	5-10, 11.85-13.7	NAPL blebs NAPL sheen
WW-SB-254	5-10, 15-18.33	NAPL coating NAPL blebs NAPL sheen
WW-MW-200	5.89-10, 10-15	NAPL coating NAPL sheen
WW-MW-200D	17-20	NAPL coating
WW-MW-201	15-20, 20-25, 25-30	NAPL/Petroleum coating NAPL/Petroleum sheen
WW-MW-201D	10-20, 20-24, 24-30, 30-33.56, 33.56-36.1	NAPL saturation NAPL coating NAPL sheen
WW-MW-202	7.39-10, 12.12-15, 20-22.43, 25-28.72	NAPL/Petroleum saturation NAPL/Petroleum coating NAPL/Petroleum sheen
WW-MW-202D	35-40	NAPL sheen
WW-MW-203	10-13.8	Petroleum sheen
WW-MW-205	10-13.93	NAPL coating NAPL sheen
WW-MW-205D	10-20, 20-22.5	NAPL coating
WW-MW-206	8.18-10, 10-16	NAPL blebs NAPL sheen
WW-MW-206D	5.02-10, 17.18-20	NAPL saturation
WW-MW-207	17-19	NAPL/Petroleum saturation

These physical observations and analytical results described above demonstrate that the subsurface adjacent to and on Parcels 3 and 4 is impacted by NAPL, including petroleum. The forensic report indicates that the samples collected along the bulkhead on Parcel 4 exhibit a combination of petrogenic and pyrogenic impacts. Except for WW-SB-212, which was documented as exhibiting petrogenic characteristics from a depth of 10-15 feet. The forensics report for Parcels 3 and 4 is available in

Appendix L. The table above summarizes additional borehole locations where mixed impacts were observed.

Gas chromatograms for samples collected in the top 10 feet of soil/fill on N. 12th Street showed the presence of petroleum products in the kerosene-like, diesel-like, and heavy oil ranges. This variability in petroleum products indicates impacts from petroleum handling and storage that occurred on Parcel 6 and on the MGP parcels after the MGP operations ceased (Appendix E). Visual impacts were not observed immediately above the confining clay layer or within the bottom 10 feet of borings installed adjacent to Parcels 3 and 4 (with the exception of WW-MW-15 where target depth was not reached due to refusal) confirming the vertical delineation of contamination within the sampled areas as discussed above in relation to analytical data. The following table shows sample locations that were not installed 10 feet beyond visual impacts or to the confining clay layer within or adjacent to Parcels 3 and 4.

Boring ID	Reason for shallow termination	Vertical delineation borings
WW-MW-15	Drilling refusal at 21 feet	WW-SB-228
WW-SB-210	Drilling refusal at 17 feet	WW-SB-209, WW-SB-211, and WW-SB-253
WW-SB-225	Terminated boring at potential bottom of tank at 25 feet	WW-SB-226 and WW-SB-228
WW-SB-231	Drilling refusal at 40 feet	WW-SB-226, WW-SB-229, and WW-SB-230

4.1.2.13. Parcel 5 (Block 2294 Lot 1 and 5)

Parcel 5 is located to southwest of the Parcel 2 portion of the former MGP. MGP operations did not take place on Parcels 5.

Twelve soil borings (WW-SB-17, WW-SB-28 through WW-SB-32, WW-SB-54, WW-SB-55, WW-MW-12, and WW-MW-20 through WW-MW-22) were advanced adjacent to Parcel 5 to assess the subsurface conditions. The following discussion of the nature and extent of impacts will provide a summary of the impacts encountered adjacent to Parcel 5. Soil data from Parcel 5 was compared to the Restricted Residential SCOs because of its proposed future use as a park. Access inside the Parcel was not granted during the time of the RI. Once property use changes, additional investigation will be needed to determine the nature and extent of MGP-related impacts at this Parcel. The property use has changed and the existing building in being demolished to facilitate construction of a park. NYSDEC has indicated they will perform a Site Characterization of Parcel 5 in 2025.

4.1.2.14. Shallow Subsurface Soil

Fill materials were encountered within the top 5 feet at all soil borings and are likely associated with current and former parking lots, sidewalks, etc. as well as historical filling along the East River. Physical impacts observed adjacent to Parcel 5 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 0.22 mg/kg in WW-SB-30 (2-5 feet). None of the individual BTEX concentrations exceeded the Restricted Residential SCOs. Concentrations of other VOCs did not exceed the Restricted Residential SCOs.

Total PAH concentrations ranged from non-detect in sample WW-MW-20 (1.5 to 3 feet) and WW-SB-54 (3 to 5 feet) to 123.83 mg/kg in sample WW-SB-31 (1-5 feet). Total PAH values did not exceed the Restricted Residential SCOs. Individual PAH concentrations (benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenz(a,h)anthracene, and/or indeno(1,2,3-cd)pyrene) exceed the Restricted Residential SCOs in four samples. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs.

Metals concentrations range from non-detect to exceeding Restricted Residential SCOs for lead and mercury, in two samples. The concentration of lead, 479 mg/kg in sample WW-MW-22 (3-5 feet), exceeded the Restricted Residential SCO of 400 mg/kg. The concentration of mercury in sample WW-SB-55 (3-5 feet), 1.3 mg/kg, exceeded the Restricted Residential SCO of 0.81 mg/kg.

Concentrations of PCBs, pesticides, and herbicides did not exceed the Restricted Residential SCOs.

Free cyanide was detected below the Unrestricted Use SCO (27 mg/kg) in two of the samples adjacent to Parcel 5: 0.27 mg/kg in sample WW-MW-22 (3 to 5 feet) and 0.0478 mg/kg in sample WW-SB-31 (1 to 5 feet).

4.1.2.15. Deep Subsurface Soil

Fill materials, including coal, brick fragments, and wood, were encountered adjacent to Parcel 5 to a maximum depth of 25 feet bgs (-10.23 feet NAVD) in WW-SB-17. As discussed above, impacts (including odors, sheens, and stains) were observed in the shallow subsurface soil. Impacts were also observed in the deep subsurface soil along North 12th Street. Physical impacts adjacent to Parcel 5 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 2,990 mg/kg in sample WW-SB-28 (22 to 23 feet), which was a NAPL-coated stratum. Individual BTEX concentrations (benzene, ethylbenzene, and/or xylene) exceeded the Restricted Residential SCOs in samples WW-SB-17 (32 to 33 feet), WW-SB-28 (22 to 32 feet), WW-SB-29 (20 to 22 feet), and WW-SB-32 (10 to11 feet). 2-butanone (methyl ethyl ketone) exceeded the Restricted Residential SCO of 100 mg/kg in one sample: 260 mg/kg in sample WW-MW-12 (9 to10 feet). Other concentrations of VOCs did not exceed Restricted Residential SCOs.

Total PAH concentrations ranged from non-detect in a number of samples to 8,311 mg/kg in sample WW-SB-28 (22-23 feet). Individual PAHs (all PAHs except benzo(g,h,i)perylene and 2-methylnaphthalene) were detected at concentrations exceeding the Restricted Residential SCOs, in seven samples collected from physically impacted strata. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs.

Eight deep subsurface soil samples were tested for PCBs, pesticides, and herbicides and none of these analytes were detected at concentrations above the laboratory detection limits.

Metals concentrations range from non-detect to exceeding Restricted Residential SCOs for arsenic, copper, lead and mercury. Arsenic concentrations exceed Restricted Residential SCOs of 16 mg/kg in two samples: 40.9 mg/kg in sample WW-MW-12 (9-10 feet) and 29.2 mg/kg in sample WW-MW-22 (24-25 feet). However, arsenic concentrations for these two samples were within the range of typical background concentrations (Table 5) of arsenic in soil (0.1 to 73 mg/kg). Concentrations of copper, lead and mercury exceed respective Restricted Residential SCOs of 270 mg/kg, 400 mg/kg, and 0.81 mg/kg in one sample, WW-MW-22 (24-25 feet), at concentrations of 425 mg/kg, 450 mg/kg, and 3.1 mg/kg .

Free cyanide was detected below the Unrestricted Use SCO (27 mg/kg) in three samples: WW-MW-22 (24 to 25 feet) at 0.14 mg/kg, WW-MW-22 (52 to 55 feet) at 0.3 mg/kg, and WW-SB-32 (10 to 11 feet) at 0.14 mg/kg.

Seven samples, shown in the table below, were collected beneath visually observed impacts to document vertical extent of contamination. All detected concentrations are below the Restricted Residential SCOs in these samples. Generally, these results document that the vertical extent of impacts has been bounded for these boring locations. One sample contained ethylbenzene at a concentration above the Protection of Groundwater SCOs.

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-22	52-55	No	No
WW-SB-17	45-46	No	Yes*
WW-SB-30	45-50	No	No
WW-SB-31	52-54	No	No
WW-SB-32	43-44	No	No
WW-SB-54	57-59	No	No
WW-SB-55	55-57	No	No

Notes:
The following sample exceeded Protection of Groundwater SCOs at the following concentration:

- WW-SB-17 (45-46) - ethylbenzene 20 mg/kg

4.1.2.16. Physical Impacts

Soil with visual petroleum staining was observed at four (WW-MW-22, WW-SB-31, WW-SB-32, WW-SB-55) of the 12 soil borings adjacent to Parcel 5. Petroleum-impacted soil was encountered near the water table, as shallow 3 feet and as deep as 25 feet bgs (5.7 to -17.62 feet NAVD). No measurable LNAPL was observed in monitoring wells adjacent to Parcels 3, 4, and 5. Petroleum impacts are likely related to the Pratt Works/SOCONY distilled petroleum storage at and adjacent to the property, as well as other industrial sources typically found in urban areas.

Other NAPL impacts ranging from sheen to coating were observed in six (WW-MW-12, WW-SB-17, WW-SB-28, WW-SB-29, WW-SB-31, and WW-SB-32) of the 12 soil borings adjacent to Parcel 5, at depths between 7.8 and 33 feet bgs (0.9 to -18.23 feet NAVD). MGP-related impacts were not observed in the four borings (WW-MW-21, WW-MW-22, WW-SB-54, and WW-SB-55) south of Parcel 5 bounding MGP-related impacts.

The table below presents a summary of physical impacts more significant than odor and staining at Parcel 5.

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-MW-12	8.2-10	NAPL sheen
WW-MW-22	10-13.8, 15-17.1	Petroleum coating
WW-SB-17	30-33	NAPL coating
WW-SB-28	17.5-18.2, 22.1-23.7 23.7-25	NAPL coating NAPL blebs
WW-SB-29	14.7-15, 16.6-21.9 16.6-21.9	NAPL blebs NAPL coating
WW-SB-31	17.5-17.9	Petroleum saturation
WW-SB-32	7.8-11.3	NAPL coating

These physical observations and analytical results described above demonstrate that the deep subsurface adjacent to Parcel 5 is impacted by NAPL including petroleum products. Gas chromatograms for samples collected from within the fill from the western part of N. 11th Street, adjacent to Parcel 5, showed petroleum products in the kerosene and diesel ranges. Gas chromatograms were not available for samples collected south of Parcel 5 which constitutes a data gap that limits the interpretation of PAH sources. However, the presence of these distilled petroleum products would not be associated with the former MGP operations, as the former MGP would not have used distilled petroleum products in the kerosene and diesel ranges. For the carbureted water gas process, MGPs often used crude oil, or gas oil, which was crude oil with the light end [gasoline and kerosene] distilled out. Visual MGP-related impacts were not observed in WW-MW-21, WW-MW-22, WW-SB-54, or WW-SB-55 collected south of Parcel 5; therefore, southern horizontal delineation is considered to be complete.

Visual impacts were not observed immediately above the confining clay layer or within the bottom 10 feet of borings installed adjacent to Parcel 5 (with the exception of WW-SB-28 and WW-SB-29 where target depth was not reached due to refusal) confirming the vertical delineation of contamination within the sampled areas as discussed above in relation to analytical data. The following table shows sample locations that were not installed 10 feet beyond visual impacts or to the confining clay layer within or adjacent to Parcel 5.

Boring ID	Reason for shallow termination	Vertical delineation borings
WW-SB-28	Drilling refusal at 30 feet	WW-SB-30 and WW-MW-21
WW-SB-29	Drilling refusal at 28 feet	WW-SB-30 and WW-SB-55

4.1.2.17. Parcel 6 (Block 2277 Lot 1)

Parcel 6 is located northeast of the Parcel 2 portion of the former MGP. Former MGP operations did not take place on Parcel 6. Historic industrial uses of this Parcel did include oil refining, coal distillation, tar storage, and tar refining operations.

Thirty soil borings (WW-SB-18, WW-SB-25 through WW-SB-27, WW-SB-34 through WW-SB-36, WW-SB-43 through WW-SB-53, WW-MW-16, WW-MW-18, and WW-MW-19, WW-SB-242, WW-SB-243A/B

through WW-SB-249A/B, and WW-SB-250) were advanced on and adjacent to Parcel 6 to assess the subsurface conditions. The following discussion of the nature and extent of impacts will provide a summary of the impacts encountered at Parcel 6. As mentioned above, Parcel 6 was compared to the Restricted Residential SCOs because of its proposed future use as a park.

4.1.2.18. Shallow Subsurface Soil

Fill materials were encountered within the top 5 feet, likely associated with current and former parking lots, sidewalks, as well as historic filling of the East River and Bushwick Inlet. Generally, environmental impacts to the shallow subsurface soil (including odors, sheens, and stains) appear to be petroleum-related based on olfactory observations or forensic analysis, likely from long-term use as a fuel oil distribution facility. Physical impacts for Parcel 6 are discussed further below.

Total BTEX concentrations ranged from not detected, in a number of samples, to 5.68 mg/kg in sample WW-SB-49 (1 to 2 feet). None of the BTEX concentrations exceeded the Restricted Residential SCOs. Concentrations of other VOCs did not exceed the Restricted Residential SCOs.

Total PAH concentrations ranged from non-detect to 1,048.9 mg/kg in sample WW-SB-36 (3 to 5 feet). PAH concentrations exceeded the Restricted Residential SCOs in fourteen samples, nine of which are located along North 12th Street [WWSB-25 (1 to 3 feet), WWSB-26 (1 to 4 feet), WW-SB-27 (4 to 5 feet), WWSB-34 (2 to 5 feet), and WWSB-36 (3 to 5 feet), WW-SB-245A (0 to 5 feet), WW-SB-246A (0 to 5 feet), WW-SB-249A (0 to 5 feet), and WW-SB-250 (0 to 5 feet)]. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs. Gas chromatograms for samples collected in the top 10 feet of soil/fill on the western part of Parcel 6 and N. 12th Street showed the presence of petroleum products in the kerosene-like, diesel-like, and heavy oil ranges. This variability in petroleum products indicates impacts from petroleum handling and storage that occurred on Parcel 6 after the MGP operations ceased (Exponent, Appendix E).

Concentrations of PCBs, pesticides, and herbicides did not exceed the Restricted Residential SCOs.

Metals concentrations exceeded the Restricted Residential SCOs in 14 of the borings. Concentrations of arsenic exceeded the Restricted Residential SCO of 16 mg/kg in 13 of the samples. Detected arsenic concentrations ranged from 16.9 mg/kg in sample WW-SB-50 (1 to 2 feet) to 273 mg/kg in sample WW-SB-25 (1 to 3 feet); however, arsenic concentrations at ten of the locations were within the range of typical background concentrations (Table 5) of arsenic in soil (0.1 to 73 mg/kg). Concentrations of lead exceeded the Restricted Residential SCO of 400 mg/kg in seven of the samples, ranging from 436 mg/kg in sample WW-SB-50 (1 to 2 feet) to 1,270 mg/kg in sample WW-SB-45 (1 to 2 feet). Concentrations of mercury exceeded the Restricted Residential SCO of 0.81 mg/kg in five samples, ranging from 0.85 mg/kg in sample WW-SB-50 (1 to 2 feet) to 5.1 mg/kg in sample WW-SB-46 (1.5 to 2.5 feet). Exponent states that the abrupt drop in metal concentrations below fill indicates that these metals are associated with historical fill. Other sources that potentially contributed to the metals include the former railroads that existed in Parcels 3, 4, 5, and 6; metal works on Parcel 2; and the former tin can factory on Parcel 6 (Appendix E).

Free cyanide was not detected in shallow soil at Parcel 6.

4.1.2.19. Deep Subsurface Soil

Fill materials, including concrete, brick fragments, and wood, were encountered at Parcel 6 to a maximum depth of 35 feet bgs (-24.63 feet NAVD) in WW-SB-26. As discussed above, impacts (including odors, sheens, stains, blebs, and coating), were observed in the deep subsurface soil. Impacts were observed across the property in the deep subsurface soil, the heaviest of which were generally along North 12th Street (Plate 4). Physical impacts for Parcel 6 are discussed further below.

Total BTEX concentrations ranged from non-detect in a number of samples to 4,180 mg/kg in sample WW-SB-25 (34 to 35 feet), which was collected from a NAPL-coated stratum. Individual BTEX concentrations exceeded the Restricted Residential SCOs in samples WW-SB-25 (34 to 35 feet), WW-SB-45 (53 to 54 feet), WW-SB-46 (33 to 34 feet), and WW-SB-249B (10 to 25 feet and 15 to 20 feet). Of the other VOCs, TCE was detected at 22 mg/kg in WW-SB-25 (34 to 35 feet), exceeding the Restricted Residential SCO of 21 mg/kg. TCE is not related to former MGP operations. Concentrations of naphthalene exceeded the Restricted Residential SCO of 100 mg/kg in three samples ranging from, 139 mg/kg in sample WW-SB-246B (10 to 13 feet) to 1,200 mg/kg in sample WW-SB-249B (10 to 25 feet). Concentrations of 1,2,4-trimethylbenzene exceeded the Restricted Residential SCO of 52 mg/kg in two samples, WW-SB-249B (10 to 25 feet and 15 to 20 feet).

Total PAH concentrations ranged from non-detect in a number of samples to 3,018 mg/kg in sample WW-SB-25 (34 to 35 feet). Individual PAH concentrations were detected at concentrations exceeding the Restricted Residential SCOs in sixteen samples, all of which were taken from strata where physical contamination was observed. Concentrations of other SVOCs did not exceed the Restricted Residential SCOs.

Per the RIWP, with the exception of one sample, deep subsurface soil was generally not tested for PCBs, pesticides, and herbicides, due to the likelihood of surficial sources of these types of contamination. PCB, pesticide, and herbicide concentrations were not detected above the laboratory detection limits at sample WW-SB-44 (50 to 51 feet).

Metals concentrations range from non-detect to exceeding Restricted Residential SCOs for arsenic, cadmium, chromium, copper, lead and mercury. Concentrations of arsenic exceeded the Restricted Residential SCO of 16 mg/kg in eleven samples, ranging from 20 mg/kg in sample WW-SB-34 (10 to 13 feet) to 300 mg/kg in sample WW-SB-36 (9 to 10 feet); however, seven of those concentrations were within the range of typical background concentrations (Table 5) of arsenic in soil (0.1 to 73 mg/kg). Concentrations of mercury exceeded the Restricted Residential SCO of 0.81 mg/kg in four samples ranging from 1.2 mg/kg in samples WW-SB-35 (8 to 10 feet) and WW-SB-49 (9 to 10 feet) to 14.4 mg/kg in sample WW-SB-36 (9 to 10 feet). However, three of those concentrations were within the range of typical background concentrations (Table 5) of mercury in soil (0.01 to 3.4 mg/kg). Cadmium concentrations exceed the Restricted Residential SCO of 4.3 mg/kg in one sample, WW-SB-36 (9-10 feet), at 9.8 mg/kg. Concentrations of chromium exceeded Restricted Residential SCO of 180 mg/kg in one sample, WW-SB-36 (9-10 feet), at 435 mg/kg. Concentrations of copper exceeded the Restricted Residential SCO of 270 mg/kg in two samples: 1,180 mg/kg in sample WW-SB-36 (9-10 feet), and 783 mg/kg in sample WW-SB-49 (9-10 feet). Concentrations of lead exceeded the Restricted Residential SCO of 400 mg/kg in three samples, ranging from 507 mg/kg in sample WW-SB-249B (10-25 feet) to 3,980

mg/kg in sample WW-SB-36 (9-10 feet). Exponent states that the abrupt drop in metal concentrations below fill (approximately 20 feet) indicates that these metals are associated with historical fill. Other sources that potentially contributed to the metals include the former railroads that existed in Parcels 3, 4, 5, and 6; metal works on Parcel 2; and the former tin can factory on Parcel 6 (Appendix E).

Free cyanide was detected below the Unrestricted Use SCO (27 mg/kg) in one sample, WW-SB-36 (9 to 10 feet), at 0.301 mg/kg.

Twenty-two samples, shown in the table below, were collected beneath visually observed impacts to document vertical extent of contamination. All concentrations were below the Restricted Residential SCOs in these samples. These results document that the vertical extent of impacts has been bounded for these boring locations ..Three samples contained benzene and selenium with concentrations above the Protection of Groundwater SCOs. Selenium is not related to MGP operations.

Boring ID	Depth Intervals (feet bgs)	Analytical concentrations present at concentrations exceeding Restricted Residential SCOs?	Analytical concentrations present at concentrations exceeding Protection of Groundwater SCOs?
WW-MW-16	38-40	No	No
WW-MW-18	72-73	No	No
WW-SB-18	51-53	No	No
WW-SB-25	52-53	No	No
WW-SB-43	44-44.5	No	No
WW-SB-44	50-51	No	No
WW-SB-45	64-64.5	No	No
WW-SB-46	60.5-61	No	Yes*
WW-SB-47	66-67	No	Yes*
WW-SB-48	65-66	No	Yes*
WW-SB-49	84-85	No	No
WW-SB-51	52.5-53	No	No
WW-SB-52	67.5-68.5	No	No
WW-SB-53	24.5-25	No	No
WW-SB-242	25-30	No	No
WW-SB-243B	30-35	No	No
WW-SB-244B	35-40	No	No
WW-SB-245B	35-40	No	No
WW-SB-246B	30-35	No	No
WW-SB-247B	35-40	No	No
WW-SB-248B	20-25	No	No
WW-SB-249B	30-35	No	No

Notes:
The following samples exceeded Protection of Groundwater SCOs at the following concentrations:

- WW-SB-46 (60.5-61) – selenium 6.3 J mg/kg
- WW-SB-47 (66-67) – selenium 7.2 J mg/kg
- WW-SB-48 (65-66) – benzene 0.18 mg/kg

4.1.2.20. Physical Impacts

Soil with visual petroleum impacts including sheens or staining were observed at 17 of the 39 soil borings within Parcel 6. Petroleum-impacted soil was encountered near the water table, as shallow as 0.5 feet and as deep as 27 feet bgs (8.25 to -17.35 feet NAVD), and adjacent to Parcel 3 and 4 on N. 12th Street. No measurable LNAPL was observed in monitoring wells at Parcel 6. Gas chromatograms for samples collected in the top 10 feet of soil/fill on the western part of Parcel 6 and N. 12th Street showed the presence of petroleum products in the kerosene-like, diesel-like, and heavy oil ranges (Exponent, Appendix E). Parcel 6 has a long historic property use of fuel oil storage distribution and refining. MGP operations were not conducted on this parcel.

Other NAPL impacts ranging from sheens to saturation were observed in 18 of the 49 soil borings (B-20A, WW-SB-18, WW-SB-25, WW-SB-26, WW-SB-34, WW-SB-36, WW-SB-43, WW-SB-45, WW-SB-46, WW-SB-53) located adjacent to Parcel 6, at depths between 5 and 57.6 feet bgs (3.74 to -47.22 feet NAVD). NAPL impacts from staining to coating were observed in eight of the nine soil borings (WW-SB-242 through WW-SB-249), adjacent to Parcels 3 and 4 on N. 12th Street, at depths between 5 and 35 feet bgs (0.63 to -27.55 feet NAVD). NAPL related impacts are generally limited to borings within N. 12th Street and the southern portion of Parcel 6 with the exception of WW-SB-52 and WW-SB-53. Coal carbonization NAPL was observed as shallow as 3 feet at WW-SB-36, located on N. 12th Street at the border of Parcel 6. The source of the NAPL at this shallow depth does not suggest subsurface migration from the former MGP nor is there any indication of waste disposal from the gas works on and near what was an active refinery property at that time. Because tar tanks were present on Parcel 6, with several documented accidents, Parcel 6 should also be considered as a non-petroleum NAPL source (Exponent, Appendix E). NAPL impacts observed in WW-SB-52 and WW-SB-53 are likely related to nearby historic tar tanks used at Pratt Works, and therefore not likely related to the MGP operation. MGP-related impacts are bound at the southern portion of the Parcel 6 (Cross section C-C' [Plate 4]). Former Pratt Works' tar and naphtha tanks were also located at the southeastern part of Parcel 6 (at the intersection of N. 12th Street and Kent Ave). At that corner, impacts at shallow depths (3 to 5 feet bgs) were observed, suggesting that the source is not subsurface migration from the former MGP site.

The table below presents a summary of observations of physical impacts more significant than odor and staining at Parcel 6.

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-SB-25	25.9-26.6 33.9-35	NAPL blebs NAPL coating
WW-SB-26	19.5-20, 24.1-24.4, 25-27.6, 40-42	NAPL coating
WW-SB-34	10-15	NAPL coating
WW-SB-36	20.9-21.6	NAPL coating
WW-SB-45	51.5-56.5 56.5-57.6	NAPL saturation NAPL coating
WW-SB-46	33.3-34	NAPL saturation
WW-SB-53	5-8.2	NAPL blebs*

Boring ID	Depth Intervals (feet bgs)	Physical Impact Observations
WW-SB-242	7.56-10, 10-15, 15-16.71	NAPL sheen
WW-SB-243B	10-15, 15-20	NAPL sheen
WW-SB-245B	5-7.22, 7.22-10	NAPL blebs NAPL sheen
WW-SB-246B	8.8-10, 10-15, 15-20, 20-25	NAPL coating NAPL blebs NAPL sheen
WW-SB-247B	6.66-10, 10-14.3, 14.3-15	NAPL sheen
WW-SB-248B	10-14, 15-17.73	NAPL coating NAPL sheen
WW-SB-249A	5-8.1, 8.1-10, 10-15, 15-20, 20-25	NAPL coating NAPL sheen
WW-SB-249B	15-16.14, 16.14-18.64	NAPL coating NAPL blebs NAPL sheen

* NAPL blebs found in WW-SB-53 are likely related to a historic tar tank on the property that is not associated with the Williamsburg Works MGP facility

The physical observations and analytical results described above demonstrate that the subsurface at Parcel 6 is impacted by a mixture of NAPL in some areas along the southern portion of the property and North 12th Street (Cross Section C-C' [Plate 4]). Intervals of NAPL-like impacts including saturation were seen within the property at WW-SB-45 and WW-SB-46. WW-SB-43 located closer to Kent Avenue, had an interval of staining. NAPL-like impacts including staining and blebs observed in WW-SB-52 and WW-SB-53 are likely associated with former Pratt tar tanks rather than MGP operations. In addition, GEI observed instances of petroleum-like odor, sheen, and staining in the subsurface, indicating petroleum contamination. Petroleum contamination at the property is likely related to the long-term historic petroleum refining operations, rather than the former MGP operation. Visual MGP-related impacts were not observed in WW-MW-16, WW-MW-18, WW-MW-19, WW-SB-44, or WW-SB-48 through WW-SB-51 within the northern portion of Parcel 6, therefore northern horizontal delineation is considered to be complete. Visual impacts were not observed immediately above the confining clay layer or within the bottom 10 feet of borings installed within and adjacent to Parcel 6 (with the exception of WW-SB-26 and WW-SB-249A where target depth was not reached due to refusal) confirming the vertical delineation of contamination within Parcel 6 as discussed above in relation to analytical data. The following table shows sample locations that were not installed 10 feet beyond visual impacts or to the confining clay layer within or adjacent to Parcel 6.

Boring ID	Reason for shallow termination	Vertical delineation borings
WW-SB-26	Drilling refusal at 42 feet	WW-SB-25 and WW-SB-45
WW-SB-35	Drilling refusal at 10 feet	WW-SB-49 and WW-SB-248B

4.3. Sediment

Sediment samples were collected from twenty-one locations at varying depths from sections of the East River and the Bushwick Inlet that were adjacent to the former Williamsburg Works MGP and the Pratt Works properties (Parcels 5 and 6). Physical impacts from NAPL including petroleum were observed in most of the sediment cores, except for WW-SED-07, WW-SED-12, WW-SED-16, WW-SED-17, and WW-SED-18, which helped delineate the horizontal extent of contamination. Impacts were not bound to the west of the Site within the East River due to equipment limitations however, the depth of impacts observed are deeper than sediment dredging, or remediation would address, therefore further delineation is not required. Visual petroleum-like sheen was observed in WW-SED-05 and WW-SED-15. Physical impacts for sediment are discussed further below.

Sediments are discussed in the following groupings:

- Accumulated soft organic sediment – fine organic material accumulated above native deposits were observed within East River sediment adjacent to the site as deep as 33.5 feet (WW-SED-17).
- Native sediment – native soil deposits underlying the accumulated soft material.

Accumulated Soft Organic Sediment

Total BTEX concentrations ranged from non-detect in a number of samples to 2,820 mg/kg in WW-SED-05 (4.5 to 5 feet). Based on individual BTEX concentrations, 19 samples qualify as Class A sediment, four samples quality as Class B, and 19 qualify as Class C. Concentrations of total VOCs ranged from non-detect WW-SED-12 (0 to 0.5 feet) to 2,820 mg/kg in WW-SED-05 (4.5 to 5 feet).

Total PAH concentrations ranged from 0.59 mg/kg in WW-SED-18 (0 to 0.5 feet) to 19,905 mg/kg in WW-SED-04 (3 to 4 feet). Based on total PAH concentrations 13 samples qualify as Class A sediment, 8 samples qualify as Class B, and 21 qualify as Class C. Total SVOC concentrations ranged from 1.16 mg/kg in WW-SED-18 (0 to 0.5 feet) to 20,083 mg/kg in WW-SED-04 (3 to 4 feet). Exponent suggests that elevated PAH concentrations are indicative of the presence, at least in part, of carbureted water gas NAPL. This was confirmed by the lack of UCM in the available gas chromatograms (Appendix E).

Of the 35 samples analyzed for PCBs, total PCB concentrations ranged from non-detect in a number of samples to 5.22 mg/kg in WW-SED-07 (0 to 0.5 feet). Based on total PCB concentrations 17 samples qualify as Class A sediment, 10 samples qualify as Class B and eight qualify as Class C. Elevated concentrations of PCBs indicate the presence of commingled contamination sources in the East River (Appendix E).

Of the 35 samples analyzed for pesticides, concentrations of pesticides including alpha-chlordane, gamma-chlordane, 4,4-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endrin, heptachlor, heptachlor epoxide, and methoxychlor were detected at concentrations that qualify as Class B or C sediments. Eleven qualify as Class A sediment, 15 qualify as Class B and nine qualify as Class C. However, as discussed above, pesticides are not likely related MGP activities. Elevated concentrations of pesticides indicate the presence of commingled contamination sources in the East River (Appendix E).

Herbicides were not detected in any sample.

Generally, metals were detected at concentrations qualifying as Class B and C sediments. Elevated metal concentrations are likely related to historic fill, with additional input from activities along the East River as well as activities from Parcels 1 through 6 (Appendix E). Free cyanide concentrations ranged from 0.113 mg/kg in WW-SED-02 (11-12 feet) to 1.1 mg/kg in WW-SED-20 (0-0.5 feet), but there is no guidance value for free cyanide.

TOC was analyzed in fifteen of the surface sediment samples collected from 0 to 0.5 feet. TOC concentrations ranged from 34,800 mg/kg in WW-SED-16 (0 to 0.5 feet) to 69,300 mg/kg in WW-SED-09 (0 to 0.5 feet).

All 42 of the samples collected within the accumulated soft sediment qualify as Class C sediments based on at least one of the analyses performed.

4.3.1.1. Native Sediment

Total BTEX concentrations ranged from non-detect in a number of samples to 278 mg/kg in WW-SED-19 (41.2 to 41.5 feet). Based on individual BTEX concentrations, 15 samples qualify as Class A sediment, one qualifies as Class B, and five qualify as Class C. Concentrations of total VOCs ranged from non-detect in a number of samples to 318.5 mg/kg in WW-SED-19 (41.2 to 41.5 feet).

Total PAH concentrations ranged from non-detect in a number of samples to 575.2 mg/kg in WW-SED-19 (41.2 to 41.5 feet). Based on total PAH concentrations 15 samples qualify as Class A sediment, two samples qualify as Class B and four qualify as Class C. Total SVOC concentrations ranged from non-detect in a number of samples to 575 mg/kg in WW-SED-19 (41.2 to 41.5 feet). Exponent suggests that elevated PAH concentrations appear to be from a mixture of coal carbonization (CC) and CWG NAPL (Appendix E).

Compared to accumulated soft sediment, metals were detected at lower concentrations within native material. Based on individual metal concentrations, 16 samples qualify as Class A sediment, three qualify as Class B, and two qualify as C sediments. Free cyanide was not detected in any samples. Elevated metal concentrations are likely related to historic fill, with additional input from activities along the East River as well as activities from Parcels 1 through 6 (Appendix E).

Based on all analyses performed, of the 21 samples collected from native material, 12 qualify as Class A, four qualify as Class B, and five qualify as Class C sediments. Samples and their associated class are provided in the table below.

Class A		Class B		Class C	
Boring ID	**Sample Depth (feet)**	**Boring ID**	**Sample Depth (feet)**	**Boring ID**	**Sample Depth (feet)**
WW-SED-08	62-63	WW-SED-12	22-23	WW-SED-15	15.5-16
WW-SED-09	39.5-40	WW-SED-15	41.5-42	WW-SED-16	27-28
WW-SED-10	63-64	WW-SED-17	33.5-34.5, 53-54	WW-SED-19	41.2-41.5

Class A		Class B		Class C	
Boring ID	Sample Depth (feet)	Boring ID	Sample Depth (feet)	Boring ID	Sample Depth (feet)
WW-SED-11	58-59			WW-SED-20	42-42.5
WW-SED-12	79.5-80			WW-SED-21	37.5-38
WW-SED-13	54.5-55				
WW-SED-14	52.5-53				
WW-SED-16	64-64.5				
WW-SED-18	83.5-84				
WW-SED-19	74.5-75				
WW-SED-20	58.5-59				
WW-SED-21	46.5-47				

4.3.1.2. Physical Impacts

Sediments with visual petroleum impacts (sheens) were observed at four of the 30 sediment cores within the East River between the surface and 17.3 feet below the mudline (-7.3 to -24.6 feet NAVD). Petroleum impacts are likely associated with the long-term oil operations occurring on adjacent properties and other industrial sources common in urban areas, including storm water run-off.

Other NAPL impacts ranging from sheens to saturation were observed in 15 of the 30 sediment cores (ERS-5, WW-SED-01 through WW-SED-06, WW-SED-08 through WW-SED-11, WW-SED-13, WW-SED-14, WW-SED-19 and WW-SED-20) at depths between the mudline and 48.3 feet bgs (-6.3 to -67.10 feet NAVD). Impacts including staining and saturation were observed within the top 6 inches of sediment at two locations (WW-SED-03 and WW-SED-06). NAPL impacts appear to be present at shallow depths closer to the shoreline and are deeper and weathered as cores locations move toward the center of the river. These NAPL impacts appear to be a mixture of CC and CWG NAPLs (Appendix E). Visible NAPL impacts were not observed in cores within the northern and southern portions of the sediment study area, including cores collected previously by others within the Bushwick Inlet, indicating NAPL is bound in these directions.

The table below presents a summary of physical impacts more significant than odor and staining in the sediment cores.

Boring ID	Depth Intervals (feet below mud line)	Physical Impact Observations	Depositional Zone
WW-SED-03	8.3-10	NAPL coating	Soft Sediment
WW-SED-04	0.9-4.3	NAPL coating	Soft Sediment
WW-SED-05	4.3-5	NAPL coating	Soft Sediment
WW-SED-06	0-1.3, 9.2-10 1.3-3.3	NAPL saturation NAPL coating	Soft Sediment
WW-SED-10	48-48.3	NAPL coating	Native Sediment
WW-SED-11	28-29	NAPL coating	Native Sediment
WW-SED-14	25-26	NAPL blebs	Native Sediment
WW-SED-19	30-30.2 36-38, 40.5-42	NAPL blebs NAPL coating	Native Sediment

These observations and analytical results described above demonstrate that the sediment in the East River abutting the Site is impacted by a mixture of NAPL, including petroleum. In addition, instances of petroleum-like odor and sheen in the sediment were observed, indicating petroleum contamination. Petroleum impacts and other environmental impacts to sediment are likely from a variety of sources, historic and modern, including Pratt Works. Visual MGP-related impacts were not observed in WW-SED-07, WW-SED-15 through WW-SED-17, and WW-SED-21 to the north, or WW-SED-12 and WW-SED-18 to the south within the East River sediment cores, therefore horizontal delineation is considered to be complete in these directions. Horizontal impact delineation was not reached to the west due to equipment restriction. Visual impacts were not observed immediately above the confining clay layer or within the bottom 10 feet of deep cores installed within the East River confirming the vertical delineation of contamination within the East River. The following table shows sample locations that were not installed 10 feet beyond visual impacts or to the confining clay layer within the sediment cores.

Boring ID	Reason for shallow termination	Vertical delineation borings
WW-SED-02	Vibracore refusal 12 feet	WW-SED-06 and WW-SED-11
WW-SED-03	Vibracore refusal 17 feet	WW-SED-04 and WW-SED-06
WW-SED-05	Limits of Vibracore equipment 20 feet	WW-SED-09 and WW-SED-13

4.4. Groundwater

Forty-five monitoring wells and six temporary groundwater points were installed at various locations across the area investigated. Permanent monitoring well screens were installed spanning the groundwater surface. Temporary well screens were installed spanning the groundwater surface as well as within deeper intervals of the Upper Glacial Aquifer. As discussed in Section 1.5, the holders on Parcel 2 were remediated as part of the IRM. Three of these temporary wells were screened inside the holders. Analytical data from the RI for the water within the holders can be found in Appendix N. Many well screens were installed within intervals containing NAPL related impacts including petroleum.

As discussed in Section 3.2, groundwater in the water table aquifer generally flows towards the north and northwest towards the East River. Drinking water is supplied to the Site and surrounding area by the City of New York municipal water system.

Groundwater was compared against the NYSAWQS. At locations where groundwater concentrations exceed the NYSAWQS, soil samples at and upgradient were compared to Protection of Groundwater SCOs. Discussion of these results are included in the sections below.

4.4.1. Groundwater Analytical Results

Analysis of dissolved phase groundwater samples collected as part of the RI identified concentrations of compounds that were above NYSAWQSs that are likely related to MGP and petroleum impacts. Groundwater at the Site also contained elevated concentrations of naturally occurring metals (iron, magnesium, manganese, and/or sodium) indicative of the natural groundwater conditions in the area.

4.4.1.1. Shallow Groundwater

Concentrations of total BTEX in the shallow monitoring wells and temporary groundwater points ranged from non-detect in a number of samples to 31,100 ug/L in a sample collected from WW-MW-05. WW-MW-05 is screened in soil where petroleum and naphthalene odors, sheen, NAPL stains, blebs, and coating were observed. This well is located on Parcel 2. Many individual BTEX compound concentrations in groundwater samples exceeded the NYSAWQSs. Generally, the wells with the highest levels of BTEX were located in Parcels 1 and 2, or on either side of Parcel 3. Styrene and isopropylbenzene exceeded the NYSAWQS standards in at least one sample. Other VOCs, including chloroform, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, trichloroethene, and vinyl chloride, exceeded the NYSAWQS standards in at least one sample. These chlorinated VOCs are not related to former MGP operations. MTBE, a gasoline additive, was detected on Parcel 2 (MW-5 at 2 ug/L; Metcalf and Eddy 2007), the source is likely operations that occurred at Parcels 1 or 2 after the MGP operations had ceased.

Concentrations of total PAHs ranged from non-detect in a number of samples to 7,627 ug/L in a sample collected from WW-MW-05, which is located at Parcel 2 and was screened in soil with NAPL staining, blebs, and partial coating. This area was excavated to approximately 30 feet bgs during the Parcel 2 IRM. Concentrations of individual PAHs were present at levels above the NYSAWQS. Other SVOCs were also detected in samples collected from three wells (2-methylphenol and 4-methylphenol in samples collected from WW-MW-05, phenol in samples collected from WW-MW-13 and WW-SB-21) at concentrations that exceeded the NYSAWQS.

Concentrations of total PFAS range from non-detect to 222.35 ng/L in a sample collected from WW-MW-12, which is located on the northwestern corner of Parcel 5. Concentrations of individual PFAS were present at levels above the NYSAWQS. Concentrations of perfluorooctanesulfonic acid (PFOS) exceed NYAWQS in five samples ranging from, 19 ug/L in a sample collected from WW-MW-203 to 100 ug/L in samples collected from WW-MW-12 and WW-MW-200. Concentrations of perfluorooctanoic Acid (PFOA) exceed the NYAWQS in five samples ranging from 9.71 ug/L in a sample collected from WW-MW-14 to 57.5 ug/L in a sample collected from WW-MW-12.

PCBs and herbicides were not detected. Concentrations of pesticides exceeded the NYSAWQS in six samples. Pesticides are not associated with former MGP operations.

Concentrations of metals (including arsenic, barium, chromium, iron, lead, magnesium, manganese, nickel, potassium, selenium, and sodium) were detected above the NYSAWQS in samples collected from all monitoring wells.

Ammonia analysis was performed on temporary groundwater well samples collected within Parcel 1. Ammonia was detected in all of these samples, but at concentrations below the NYSAWQS standard.

Concentrations of total cyanide ranged from non-detect in a number of samples to 3,540 ug/L in a sample collected from WW-SB-21. Concentrations of total cyanide exceeded the NYSAWQS standard in nine samples.

4.4.1.2. Intermediate Groundwater

Intermediate wells and temporary groundwater points were screened approximately halfway between the water table and confining clay layer. Concentrations of total BTEX in the intermediate monitoring wells and temporary groundwater points ranged from non-detect in a number of samples to 10,050 ug/L in a sample collected from WW-SB-21. WW-SB-21 is screened in soil where fill, naphthalene odors and sheen were observed. This temporary groundwater point was located on Parcel 1. Many individual BTEX compound concentrations in groundwater samples exceeded the NYSAWQSs in samples collected from the temporary groundwater points on Parcel 1. Two of the eight wells on Parcels 3 and 4 contained individual BTEX compound concentrations in groundwater samples exceeding the NYSAWQSs. The sample collected at WW-MW-204I which is located in the northeastern corner of Parcel 3 exceeded individual the NYSAWQSs for BTEX, but was screened in soil with no visual impacts. Chloroform and isopropylbenzene exceeded the NYSAWQS standards in the sample collected at WW-MW-204I and vinyl chloride exceeded the NYSAWQS standard in the sample collected at WW-MW-205I. Other VOCs, including chloroform, cis-1,2-dichloroethene, trans-1,2-dichloroethene, trichloroethene, and vinyl chloride, exceeded the NYSAWQS standards in at least one sample on Parcel 1. These chlorinated VOCs are not related to former MGP operations.

Concentrations of total PAHs ranged from non-detect in a number of samples to 3,651 ug/L in a sample collected from WW-SB-21(15-25 ft), which is located at Parcel 1 and was screened in soil with naphthalene-like odors, sheen, and fill. The concentration of naphthalene was detected above the NYSAWQS at the sample collected at WW-MW-206I which is located at southeastern location of Parcel 3, downgradient of Parcel 2. Naphthalene and acenaphthene were detected at concentrations exceeding the NYSAWQS in samples collected from temporary groundwater points on Parcel 1. Phenol was only other SVOC detected at a concentration exceeding the NYSAWAQS in a sample collected from WW-MW-204I in intermediate groundwater.

Concentrations of metals (including iron, magnesium, manganese, nickel, and sodium) were detected above the NYSAWQS in samples collected from all monitoring wells and temporary groundwater points.

Ammonia analysis was performed on temporary groundwater well samples collected within Parcel 1. Ammonia was detected in all of these samples, but only at concentrations exceeding the NYSAWQS standard in samples collected from W-SB-22 (35-45 ft and 55-65 ft).

Concentrations of total cyanide ranged from 0.05 ug/L in a sample collected from WW-MW-200I to 3,900 ug/L in a sample collected from WW-SB-21 (4-14 ft). Concentrations of total cyanide exceeded the NYSAWQS standard in one sample (WW-SB-21 [4-14 ft]).

4.4.1.3. Deep Groundwater

Deep wells and temporary groundwater points were screened above the confining clay layer. Concentrations of total BTEX in the deep monitoring wells and temporary groundwater points ranged from non-detect in three samples to 14,400 ug/L in a sample collected from WW-SB-21(40-50 ft). WW-SB-21 (40-50 ft) was screened in soil where naphthalene odor and staining were observed. This temporary groundwater point was located on Parcel 1 within the footprint of Holder No. 3. Many individual BTEX compound concentrations in groundwater samples exceeded the NYSAWQSs in samples

collected on Parcel 1. Benzene concentrations in groundwater samples exceeded the NYSAWQSs in four of eight samples collected on Parcels 3 and 4. Chloroform was the only other VOC exceeding the NYSAWQS standards in five samples collected on Parcels 3 and 4. Other VOCs, cis-1,2-dichloroethene, trans-1,2-dichloroethene, exceeded the NYSAWQS standards in the sample collected at WW-SB-21 (40-50 ft) on Parcel 1. These chlorinated VOCs are not related to former MGP operations.

Concentrations of total PAHs ranged from non-detect in six samples to 2,902 ug/L in a sample collected from WW-SB-22 (55-65 ft), which is located at Parcel 1 and was screened in soil with petroleum and naphthalene-like odors. Individual PAHs (acenaphthene and naphthalene) were detected at concentrations above the NYSAWQS in samples collected at WW-SB-21 (40-50 ft) and WW-SB-22 (55-65 ft) which are located on Parcel 1. SVOCs, including PAHs, were not detected above NYSAWQS in samples collected on Parcels 3 and 4.

Concentrations of metals (including iron, magnesium, manganese, and sodium) were detected above the NYSAWQS in samples collected from all of the monitoring wells.

Ammonia analysis was performed on temporary groundwater well samples collected within Parcel 1. Ammonia was detected in all of these samples, but only at concentrations exceeding the NYSAWQS standard in samples collected from WW-SB-21 (40-50 ft) and WW-SB-22 55-65 ft), within deeper screened intervals (35 feet and deeper).

Concentrations of total cyanide ranged from non-detect in a number of samples to 297 ug/L in a sample collected from WW-SB-19 (40-50 ft) which is located on Parcel 1. Concentrations of total cyanide exceeded the NYSAWQS standard in one sample (WW-SB-19 [40-50 ft]).

4.4.2. Protection of Groundwater

Groundwater samples in which BTEX and PAH were detected at concentrations exceeding NYSAWQS and soil samples in which BTEX and PAHs were detected at concentrations exceeding Protection of Groundwater SCOs are discussed by Parcel and depth below. Soil samples in the top 30 feet are presented in the same interval as shallow monitoring wells and soil samples below 30 feet are presented in the same intervals as intermediate and deep monitoring wells. Figs. 28 through 39 present BTEX and PAH analytical exceedances and observances of NAPL by depth and Parcel.

4.4.2.1. Parcel 1 (Block 2288 Lot 1)

4.4.2.1.1. Shallow Interval

Monitoring wells were not installed on Parcel 1. Grab groundwater samples were collected from temporary monitoring points at three locations (WW-SB-19, 21, and 22). BTEX, five other VOCs including chlorinated VOCs, PAHs, and phenol were detected in grab groundwater samples at concentrations exceeding NYSAWQS. One shallow monitoring well, WW-MW-01, is located upgradient of Parcel 1 and two shallow monitoring wells, WW-MW-02 and 03 are located adjacent to Parcel 1. As depicted on Fig. 28, BTEX and PAHs were not detected at concentrations exceeding NYSAWQS in groundwater samples collected from these upgradient and adjacent monitoring wells. BTEX compounds were detected at concentrations above the Protection of Groundwater SCOs in samples collected from soil boring WW-

MW-03 outside the area where BTEX compounds were detected at concentrations above the NYSAWQS in groundwater. PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from soil borings WW-SB-22, WW-MW-02, and WW-MW-03 outside the area where PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.1.2. Deep Interval

Monitoring wells were not installed on Parcel 1. Grab groundwater samples were collected from temporary monitoring points at three locations (WW-SB-19, 21, and 22). As depicted on Fig. 29, BTEX, seven other VOCs including chlorinated VOCs, and PAHs were detected in grab groundwater samples at concentrations exceeding NYSAWQS. BTEX and PAHs were not detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX compounds and PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.2. Parcel 2 (Block 2287 Lot 1)

4.4.2.2.1. Shallow Interval

COCs were detected at some of the highest concentrations in groundwater samples collected from shallow monitoring wells (WW-MW-04, 05, 06, 07, 08, and 17) on and adjacent to Parcel 2 before the soil IRM. As depicted on Fig. 30, BTEX, styrene, acenaphthene, naphthalene, 2-methylphenol, 4-methylphenol, beta-BHC, delta-BHC, iron, lead, magnesium, manganese, sodium, and total cyanide were detected in groundwater samples at concentrations exceeding NYSAWQS. These monitoring wells were removed during the soil IRM. Detections of COCs in groundwater samples at concentrations above the NYSAWQS in shallow areas that were not excavated during the IRM included BTEX, styrene, and PAHs. BTEX and PAHs were detected in samples collected from two soil borings (WW-MW-17 and BPB-10) at concentrations above the Protection of Groundwater SCOs outside the area where BTEX compounds and PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.2.2. Deep Interval

Deep monitoring wells were not installed on Parcel 2, however NAPL is present in several recovery wells along the Parcel 2 boundary as depicted on Fig. 31. Since deep groundwater is assumed to have BTEX and PAHs at concentrations above the NYSAWQS, there are no soil borings on or adjacent to Parcel 2 outside this boundary.

4.4.2.3. Parcel 3 (Block 2287 Lot 16)

4.4.2.3.1. Shallow Interval

Six shallow monitoring wells (WW-MW-10, 11, 13, 200, 204, and 206) were sampled on and adjacent to Parcel 3. In addition, monitoring well WW-MW-205 contained LNAPL and was not sampled. As depicted on Fig. 32, BTEX, other VOCs, PAHs, and phenol were detected in groundwater samples at concentrations exceeding NYSAWQS. BTEX compounds were detected at concentrations above the Protection of Groundwater SCOs in samples collected from two soil borings (WW-SB-240 and WW-SB-241) outside the area where BTEX compounds were detected at concentrations above the NYSAWQS in groundwater samples. PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples

collected from three soil borings (WW-SB-239, WW-SB-240, and WW-MW-204) outside the area where PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.3.2. Deep Interval

Eight intermediate and deep monitoring wells (WW-MW-200I and D, 204I and D, 205I and D, and 206I and D) were sampled on Parcel 3. As depicted on Fig. 33, BTEX, other VOCs, naphthalene, and phenol were detected in groundwater samples at concentrations exceeding NYSAWQS. There were no soil borings on or adjacent to Parcel 3 for which BTEX or PAHs were detected above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected above NYSAWQS on or adjacent to Parcel 3.

4.4.2.4. Parcel 4 (Block 2287 Lot 30)

4.4.2.4.1. Shallow Interval

Four shallow monitoring wells (WW-MW-14, 15, 203, and 207) were sampled on and adjacent to Parcel 4. In addition, monitoring wells WW-MW-201 and 202 contained NAPL and were not sampled. As depicted on Fig. 34, BTEX, other VOCs, and PAHs were detected in groundwater samples at concentrations exceeding NYSAWQS. BTEX compounds were detected at concentrations above the Protection of Groundwater SCOs in samples collected from three soil borings (WW-SB-15, WW-SB-16, and WW-SB-232) outside the area where BTEX compounds were detected at concentrations above the NYSAWQS in groundwater. PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from four soil borings (WW-SB-15, WW-SB-16, WW-SB-227, and WW-MW-14) outside the area where PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.4.2. Deep Interval

Eight intermediate and deep monitoring wells (WW-MW-201I and D, 202I and D, 203I and D, and 207I and D) were sampled on Parcel 4. As depicted on Fig. 35, benzene and chloroform were detected in groundwater samples at concentrations exceeding NYSAWQS. BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from soil boring WW-MW-14 outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples.

4.4.2.5. Parcel 5 (Block 2294 Lots 1 and 5)

4.4.2.5.1. Shallow Interval

Four shallow monitoring wells (WWMW-12, 20, 21, and 22) were sampled on or adjacent to Parcel 5. As depicted on Fig. 36, benzene was detected in groundwater samples at concentrations exceeding NYSAWQS. BTEX compounds were detected at concentrations above the Protection of Groundwater SCOs in samples collected from five soil borings (WW-SB-28, WW-SB-29, WW-SB-30, WW-SB-32, and WW-MW-22) outside the area where BTEX compounds were detected at concentrations above the NYSAWQS in groundwater. PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from six soil borings (WW-SB-28, WW-SB-29, WW-SB-30, WW-SB-31, WW-SB-

32, and WW-MW-22) outside the area where PAHs were detected at concentrations above the NYSAWQS in groundwater samples. Shallow groundwater will be evaluated further in a future investigation at Parcel 5

4.4.2.5.2. Deep Interval

There are no deep monitoring wells on or adjacent to Parcel 5. As depicted on Fig. 37, BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs at soil boring WW-SB-17. Deep groundwater will be evaluated in a future investigation at Parcel 5.

4.4.2.6. Parcel 6 (Block 2277 Lot 1)

4.4.2.6.1. Shallow Interval

Three shallow monitoring wells (WWMW-16, 18, and 19) were sampled on or adjacent to Parcel 6. As depicted on Fig. 38, VOCs and SVOCs were not detected in groundwater samples at concentrations exceeding NYSAWQS. BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from several soil borings outside the area where BTEX compounds were detected at concentrations above the NYSAWQS in groundwater samples. Shallow groundwater is being further evaluated in an investigation at Parcel 6.

4.4.2.6.2. Deep Interval

There are no deep monitoring wells on or adjacent to Parcel 6. As depicted on Fig. 39, BTEX compounds were detected at concentrations above the Protection of Groundwater SCOs at four soil borings (WW-SB-25, WW-SB-45, WW-SB-46, and WW-SB-48). PAHs were detected at concentrations above the Protection of Groundwater SCOs at three soil borings (WW-SB-25, WW-SB-45, and WW-SB-46). Deep groundwater is being evaluated in an investigation at Parcel 6.

4.5. Sub-Slab Vapor, Soil Vapor, Indoor Air, and Ambient Air (Outdoor)

An SVI investigation, including the collection of sub-slab vapor, indoor air, and ambient (outdoor air) samples, was completed within the occupied building at Parcel 1 and within Parcels 3 and 4.

4.5.1. Soil Vapor

Soil vapor samples were collected from 6 locations within Parcel 3 and 4 (WW-SV-200 through WW-SV-205) on October 6, 2022, October 27, 2022, and November 14, 2022.

The soil vapor tracer gas, helium, was not detected within soil vapor during field screening verifying the integrity of the vapor probe seal at the time of sampling. This seal prevents ambient air infiltrating into the soil vapor samples.

A number of VOCs were detected in the samples, including BTEX and naphthalene, which are commonly associated with petroleum products and MGP operations. Additionally, concentrations of PCE and TCE, chlorinated solvents not typically associated with MGP operations, were also detected in the samples.

Specifically, WW-SV-200, WW-SV-202 through WW-SV-205 samples showed detections for PCE, while TCE was detected in WW-SV-202, WW-SV-203, and WW-SV-205 samples.

4.5.2. Sub-slab Soil Vapor

Sub-slab vapor samples were collected from two sub-slab soil vapor points (WW-SV-01 and WW-SV-02) from Parcel 1 on November 18, 2009, during the winter heating season.

The soil vapor tracer gas, helium, was not detected within sub-slab vapor samples verifying the integrity of the sub-slab vapor probe seal at the time of sampling. This seal prevents ambient air infiltration into the sub-slab vapor samples.

A number of VOCs and naphthalene were present in the samples. BTEX and naphthalene are common to petroleum products and MGP operations. Concentrations of PCE and TCE, and chlorinated solvents which are not associated with MGP operations, were also detected in each of the samples. Concentrations of analytes in sub-slab soil vapor did not exceed NYSDOH Decision Matrix values.

4.5.3. Indoor Air

Indoor air samples WW-IA-01 and WW-IA-02, were collected concurrently with sub-slab vapor samples from Parcel 1 on November 18, 2009. Operations have changed since the sampling took place and the results may not be representative of current operation, with respect to potential sources of indoor air. BTEX carbon tetrachloride, n-heptane, PCE, and TCE were detected above the levels shown in the NYSDOH air guidance values or NYSDEC Decision Matrix values. Although benzene, toluene, PCE, and TCE were detected above these levels, the concentrations detected in sub-slab vapor samples were an order of magnitude lower and therefore were not contributing to the elevated indoor air sample concentrations. Chlorinated compounds are not related to MGP operations. Potential sources of toluene, PCE, and TCE observed in the indoor air samples collected from the building include paint, paint thinners, and paint removers (Appendix O).

Based upon the NYSDOH guidance, TCE, PCE, and toluene were present within indoor air samples at concentrations that may require reasonable and practical actions by others, to identify source(s) and reduce exposures.

4.5.4. Ambient (Outdoor) Air

Outdoor ambient air sample WW-OA-01 was collected concurrently with indoor air samples and sub-slab vapor samples on November 18, 2009.

Outdoor ambient air sample WW-AA-01 was collected concurrently with soil vapor samples (WW-SV-204, WW-SV-205), on October 6, 2022. BTEX compounds were detected in WW-AA-01.

5. Fate and Transport of Impacts

This section provides interpretation and discussion of the data presented in previous sections and provides analysis of the interaction between the physical and chemical processes at the area investigated with the impacts observed. Through an understanding of sources, migration pathways, and potential receptors, the potential need for remedial actions to protect human health and/or the environment can be evaluated. Data collected by GEI as part of the RI as well as data obtained from other investigations is included in the fate and transport evaluation.

The following analysis of the area investigated takes into account the physical characteristics and surroundings, groundwater hydrology, history of development, the nature of the chemical compounds encountered, and any apparent trends in the distribution of these materials on or adjacent to the Site. This section provides a discussion of the physical, chemical, and biological characteristics of contaminants of potential concern (COPCs), and a discussion of the sources, migration pathways, and receptors for those COPCs. COPCs are defined as constituents that are present within each media at concentrations exceeding the Unrestricted SCOs and generally include VOCs, SVOCs, pesticides, PCBs, PFAS, and metals.

PFAS concentrations are unrelated to MGP operations. The buildings that burned down in 2015 on Parcels 3 and 4 were extinguished prior to New York's regulations regarding the removal of PFAS from fire extinguisher foams, which occurred in 2020. The potential use of these foams by firefighters in 2015 may have affected PFAS concentrations in both groundwater and soil on Site.

The environmental media that may serve as pathways for COPC migration are soil, sediment, groundwater, soil vapor, and sub-slab soil vapor.

5.1. Soil

5.1.1. Surface Soil

PAHs, pesticides, PCBs, and metals were identified as COPCs in surface soil. VOCs (including BTEX compounds), SVOCs (excluding PAHs), herbicides, and cyanide were not detected above the Unrestricted SCOs and, therefore, are not considered COPCs for surface soil.

The former MGP Site is primarily covered by bituminous asphalt, concrete sidewalks, and buildings. However, there are some unpaved tree cut-out areas along the sidewalks of North 11th and North 12th Streets.

PAHs, pesticides, PCBs, and metals could potentially migrate via fugitive dust emissions and dissolution into surface water run-off. Each of these pathways and its potential to occur at the Site are described below:

5.1.1.1. Fugitive Dust

COPCs sorbed to soil particulates could be transported by fugitive dust if exposed to wind erosion. PAHs and metals generally exhibit an affinity to sorb to soil and organic particulates. The unvegetated areas may be prone to wind erosion and the transport of COPCs sorbed to the dust generated by wind action. Several fires occurred historically at nearby properties from which ash and dust may have blown over the Site.

5.1.1.2. Dissolved Phase Transport

Solubility is the measure of a chemical's ability to dissolve in water. COPCs sorbed to surface soil may dissolve in storm water, which then infiltrates into the ground or can run-off along the ground surface until it infiltrates or enters a sewer. PAHs have a varying degree of solubility. The lighter-weight PAHs are more soluble while the higher-weight PAHs are less soluble and typically do not dissolve into water. PCBs are also generally insoluble and will also not dissolve into water. The dissolution of metals typically occurs under reducing conditions, which are unlikely to occur in surface soil. Given the nature of the compounds in the surface soil, dissolution of compounds into groundwater is likely not a major migration pathway.

5.1.1.3. Summary

Migration of COPCs from the surface soil is possible but would likely occur primarily through the transport of particulates by wind. The nature of the COPCs is such that they are relatively persistent in soils and would likely remain attached to soil particulates. In fingerprinting analysis performed by Exponent, gas chromatograms results suggest that residual-type runoff (such as gasoline/oil drips) is the source of surface soil contamination. Potential exposure pathways to impacted surface soil is evaluated below in the QHHEA in Section 6.

5.1.2. Subsurface Soil

VOCs (BTEX, 2-Butanone [MEK], trichloroethene, acetone, n-butylbenzene, sec-butylbenzene, methylene chloride, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene), SVOC (PAHs, dibenzofuran, 2-methylphenol, 4-methylphenol, pentachlorophenol, and phenol), pesticides, PCBs, PFAS, and metals were identified as COPCs in subsurface soil. In general, the distribution of BTEX and PAHs in subsurface soil coincides with the presence of NAPL, including petroleum. Historic industrial operations in the area investigated have contributed to the contamination in subsurface soil. Section 4 discusses the extent of COPCs (BTEX and PAHs) associated with the presence of NAPL, including petroleum. Section 4 also discusses the nature and extent of non-MGP related COPCs including VOCs, pesticides, PCBs, PFAS, and metals.

At the area investigated (Parcels 1 through 6 and adjacent areas), NAPL was observed in 102 of the 151 soil borings and 14 of the 21 sediment cores. Areas where NAPL was observed on Parcel 2 were removed down to approximately 30 feet bgs as part of the IRM. Cross-sections A-A' through J-J' (Plate 3 through 6) depict physical observations of NAPL at each boring as shown. These cross-sections can be used to interpret the vertical and lateral extent of NAPL impacts. Figs. 18 through 21 depict the extent of impacts within the unsaturated zone, saturated zone above 30 feet and above the clay layer, and clay

(and underlying deeper) zone. Figs 22 through 25 depict the extent of one exceedance or a combination of exceedances of Unrestricted, Protection of Groundwater, and Restricted Residential or Industrial SCOs within the unsaturated zone, saturated zone above the clay layer, and clay (and underlying deeper) zone.

The majority of the NAPL impacts at Parcel 2 were present within and adjacent to the gas holders and was remediated as part of the IRM. The majority of the NAPL impacts on the remainder of the site are present within and adjacent to the iron gas tank and scrubber on the southeastern corner of Parcel 3, and within and adjacent to the tar tank at the northwestern corner of Parcel 4. Thirteen recovery wells were installed by URS in and around Parcel 2. Petroleum impacts, primarily in the form of sheen, are present intermittently beneath all Parcels at the area investigated. Fingerprint analysis of a NAPL and solid sample collected from a manhole located at the intersection of Kent Avenue and North 12th Street as well as NAPL recovery wells installed in and around Parcel 2 highlighted that the contamination at the different parcels and off-site areas is from multiple sources, consistent with the historical industrial nature of the area (Appendices E and L).

The COPCs could potentially migrate through subsurface soil by volatilization, sorption, and dissolved-phase transport. Each migration pathway, as it relates to the COPCs identified in subsurface soil at the area investigated, is discussed below.

5.1.2.1. Volatilization

VOCs are, by definition, volatile and, therefore, may be transported from subsurface soil, NAPL, and groundwater to soil gas in the vadose zone and then into ambient air. PAHs, pesticides, PCBs, and metals do not readily volatilize; therefore, they are not COPCs for soil vapor.

5.1.2.2. Sorption

Sorption is usually defined as the reversible binding of a chemical to a solid matrix. However, there is evidence in the literature that this process is partially irreversible based on the time that the compound has been sorbed to a soil matrix (Brusseau and Rao, 1989; Brusseau, et al., 1991; Loehr and Webster, 1996). Sorption of BTEX, PAHs, and metals limits the fraction of the COPCs available for other transport processes such as volatilization and/or solubility. In general, BTEX compounds have low sorption potential, coupled with high water solubility and high volatility, which make sorption a relatively minor environmental fate for BTEX compared to other transport mechanisms. PAHs exhibit varying degrees of binding affinity to organic matter and soil particles; this affinity is dependent upon their individual molecular structures. In general, the higher molecular weight PAHs (e.g., benzo(a)pyrene) are more likely to sorb, whereas the lighter-weight PAHs (e.g., naphthalene) are less likely to sorb, due to higher solubilities and volatilities (USEPA, 1979; USEPA, 1986). Therefore, in unsaturated conditions, the higher molecular weight PAHs are expected to remain sorbed to soil, while the lighter-weight PAHs may be transported by other mechanisms. Metals may remain sorbed to the subsurface soil depending on subsurface oxidation-reduction conditions and the availability of anions with which the metals can bind. Pesticides adhere and remain sorbed to organic matter within soil. Metals and pesticides that do not sorb to subsurface soil may be available for transport through the groundwater in solution. PFAS are known for their persistence in groundwater and soil due to their resistance to natural degradation

processes. The sorption of PFAS in groundwater and soil is influenced by factors such as their chemical structure, the type of soil minerals present, and environmental conditions.

5.1.2.3. Dissolved Phase Transport

BTEX and light-weight PAHs are soluble in water. Since NAPL was encountered below the water table, and BTEX and light-weight PAHs are COPCs in subsurface soil, dissolution of these COPCs from soil to groundwater represents a migration pathway at the area investigated.

Metals in the subsurface soil can dissolve and continue to leach to the groundwater system. However, the solubility of metals is highly dependent upon the oxidation-reduction conditions of the aquifer, the valance state of the specific metal, and the availability of anions that the metals can bind with to become immobile. The fate and transport of COPCs in subsurface soil is determined by multiple reactions that can be occurring including oxidation-reduction, adsorption-desorption, pH controls, and ion competition.

The dissolved phase transport of PFAS in subsurface soil entails their movement as dissolved compounds within water solutions, guided by processes like advection, dispersion, and their interactions with subsurface materials. These interactions shed light on the intricate pathways and potential challenges associated with their subsurface migration and environmental implications. PFAS are not associated with MGP operations.

5.1.2.4. Summary

Non-NAPL associated BTEX constituents in soil are typically mobile and are not particularly persistent in the surrounding environment due to their high volatility, low adsorption to soil, and high water solubility. Metals in soil are also anticipated to be relatively persistent, due to relatively low dissolved phase observations at the area investigated. Pesticides that do not sorb to subsurface soil may be available for transport through the groundwater in solution. PFAS are known for their persistence in groundwater and soil due to their resistance to natural degradation processes. Potential exposure pathways to impacted subsurface soil are evaluated below in the QHHEA in Section 6.

5.1.3. NAPL

NAPL fate and transport is dependent on various characteristics of the NAPL and of the media in which it is present. LNAPLs, which have a density less than that of water, tend to float on the surface of the water table while DNAPLs, which have a density greater than that of water, may sink below the water table. LNAPL may also sink depending on conditions such as groundwater reversals/drawdown from public supply and tidal fluctuation which can trap LNAPL below the groundwater surface. The relative mobility of NAPL in the saturated zone is dependent on the physical properties of the NAPL, as well as the grain size of the soil.

As a finite volume of a DNAPL migrates through a porous media, the volume of DNAPL can spread both vertically (due to gravity) and laterally (due to stratigraphy), creating a complex pattern and/or distribution of NAPL. DNAPL will continue to migrate until the DNAPL is depleted to residual saturation or the DNAPL meets a low permeability unit that it cannot penetrate. At this point, the DNAPL head is

no longer sufficient to overcome the capillary forces to enter unimpacted media, and the DNAPL body is stable.

NAPL may be classified to identify the potential for mobility or migration. The classifications described below are consistent with those used by USEPA, ITRC, and ASTM. On a pore scale, NAPL may be identified as residual or mobile, defined as:

- Residual NAPL – NAPL that is present below the residual saturation such that it that is bound in the soil and cannot move by advection.
- Mobile NAPL – NAPL that is present above the residual saturation such that it can move by advection (e.g., accumulate in monitoring wells).

NAPL that is mobile on the pore scale, can then be classified as stable or migrating at the NAPL body scale, defined as:

- Migrating NAPL body – NAPL that can advectively expand in at least one direction under observed or reasonably anticipated field conditions (ASTM E300-21, Section 3.1.4).
- Stable NAPL body – NAPL that does not move at the body scale and cannot expand in any direction under observed or reasonably anticipated field conditions.

5.2. Sediment

BTEX, PAHs, PCBs, pesticides, and metals were identified as COPCs in sediment. These analytes were detected in sediment samples at levels which qualify the sediment as Class B or C. However, many of these inorganic substances are naturally occurring and representative of background conditions.

The fate and transport of COPCs in sediment is determined in part by carbon, sulfur and redox reactions, sorption and solubility mechanisms, as described above for subsurface soil. Sediment impacts from PAHs are present within surface and deeper sediments. Certain PAHs will continue to desorb and dissolve as groundwater flows through sediments to surface water. It has been shown that, NAPL in sediment hardens or weathers, over time, as light-weight PAHs are removed from the NAPL and high-weight PAHs remain.

Potential exposure pathways for ecological receptors to impacted sediment are evaluated below in the FWRIA in Section 7.

5.3. Groundwater

VOCs (BTEX, acetone, isopropylbenzene, naphthalene, styrene, and chlorinated VOCs), SVOCs (including PAHs, 2-methylphenol, 4-methylohenol, naphthalene, and phenol), PFAS, pesticides, metals, cyanide, and ammonia have been identified as COPCs in groundwater. Several of these compounds are non-MGP related (i.e. chlorinated VOCs, pesticides, some metals, PFAS, and ammonia); however, they remain COPCs in groundwater.

Arsenic, barium, chromium, iron, magnesium, manganese, nickel, and selenium were also detected in groundwater samples at levels exceeding the NYSAWQSs. Iron, magnesium, manganese, and sodium are naturally occurring and representative of background conditions.

PFAS analytes (PFOS and PFOA) were detected in groundwater samples at concentrations exceeding the NYSAWQSs. PFOS and PFOA are organic pollutants known for their frequency in groundwater. Their resistance to degradation results in prolonged persistence within groundwater systems. The subsurface transport dynamics of these compounds are influenced by hydrogeological attributes. Due to their high-water solubility, PFOA and PFOS demonstrate notable potential for long-range migration within groundwater.

The fate and transport migration pathways for COPCs in groundwater are determined by volatilization, sorption, and solubility as described above in Section 5.1.2 - Subsurface Soil. Dissolved phase groundwater impacts (BTEX and PAHs) are present within and downgradient of areas where NAPL was observed in subsurface soil. Dissolved phase BTEX and PAHs are also present within the areas where there is petroleum-impacted soil (Plate 7 through 9 and Figs. 9 through 17). Total cyanide was present in groundwater samples collected within the former gas holder footprints, as well as in samples collected from three downgradient wells. The former gas holders on Parcel 2 were either excavated or solidified during the IRM. Chlorinated VOCs, which are non-MGP related compounds, were present in samples collected from monitoring wells located in Parcels 1through 4.

BTEX and PAHs will continue to desorb as groundwater flows through soil with NAPL and chlorinated VOC impacts. Concentrations of dissolved phase contaminants that desorb with groundwater flow will generally decrease over time as source material is depleted. Refer to Plate 7 through 9 and Figs. 9 through 17 for BTEX, PAH, and cyanide concentrations and groundwater contours. Shallow, intermediate, and deep zone groundwater generally flows to the northeast toward the East River at both high and low tides. Dissolved phase contaminants that may enter the surface water of the East River likely will be degraded, volatilized, or diluted rapidly.

5.4. Sub-Slab Soil Vapor and Soil Vapor

VOCs (including BTEX, naphthalene, chlorinated compounds, and others) were detected within sub-slab soil vapor samples, unsaturated subsurface soil samples, and in groundwater samples. Chlorinated VOCs (unassociated with the former MGP) pose a potential to migrate to indoor air as they are not subject to aerobic degradation in the vadose zone. VOCs can volatilize from subsurface soil and shallow groundwater to the soil vapor in the vadose zone. COPCs in soil vapor can enter the ambient (outdoor) air, where concentrations could be mitigated by dilution. The Site and surrounding area are covered, primarily by pavement and buildings, which limits volatilization into ambient air. Detections of COPCs in ambient (outdoor) air samples were below levels found in the BASE study.

SVI analysis of soil vapor and indoor air samples collected within the Parcel 1 building demonstrates that concentrations of BTEX and naphthalene in sub-slab vapor samples are present below ambient air BASE concentrations. MGP compounds are not adversely affecting indoor air quality. There are no buildings present on Parcels 3 and 4.

5.5. Summary

Based on the data above, the MGP-related COPCs are present in soil, groundwater, sediment, and NAPL at the Site. In accordance with NYSDEC regulations and guidance documents, remedial alternatives must be evaluated, which eliminate or mitigate the potential for adverse effects to human health and the environment.

Based on the SVI study conducted at Parcel 1, MGP-related soil vapor contamination is not present at concentrations that would require mitigation per the NYSDOH SVI guidance document, however resampling by others to address indoor air concentrations unrelated to soil vapor would be recommended.

6. Qualitative Human Health Exposure Assessment

This section presents the QHHEA prepared for the area investigated. The QHHEA qualitatively evaluates the potential for human exposures to COPCs that are present at the area investigated in surface soil, subsurface soil, groundwater, sediment, soil vapor, sub-slab soil vapor, and indoor air. Analytical results for soil samples are discussed in comparison with the Unrestricted SCOs. This conservative comparison to Unrestricted SCOs is presented at the request of NYSDEC and NYSDOH. The results are also evaluated with respect to the Restricted Residential or Industrial SCOs. The latter approach is more appropriate given the anticipated future use and current zoned use of the Site and surrounding area. Analytical results for groundwater samples are compared to NYSAWQS and analytical results for sub-slab soil vapor and indoor air samples are compared to NYSDOH air guidance values and decision matrix values. The NYSDOH SVI Guidance includes indoor air guidance values for evaluation of three VOCs: TCE, PCE and methylene chloride. The guidance values are established to provide context for the concentrations and reduce exposures to the chemicals. NYSDOH has developed matrices that indicate what, if any, action is recommended based on the concentrations of TCE, cis-1,2-dichloroethene (c-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and carbon tetrachloride (Matrix A), PCE, 1,1,1-trichloroethane (1,1,1-TCA), and methylene chloride (Matrix B), vinyl chloride (Matrix C), benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and o-xylene (Matrix D), m,p-xylene, heptane, and hexane (Matrix E), and toluene (Matrix F) detected in indoor air and sub-slab vapor. NYSDOH matrices are provided in Appendix M. Human health exposure guidelines for sediment have not been established; therefore, for the purpose of this QHHEA, analytical results for sediment samples are compared to Unrestricted and Restricted Residential SCOs derived for soil. All COPCs exceeding these human health risk-based criteria are evaluated regardless of whether a particular COPC is related to the former MGP operation or not.

Tables 8 through 15 provide a summary of the detected contaminant concentrations and highlight compounds that are above applicable human health risk-based criteria in surface soil, subsurface soil, sediment, groundwater, soil vapor, sub-slab soil vapor, and indoor air.

6.1. Exposure Pathways

An exposure pathway describes the means by which a potential human receptor can come into contact with contaminants originating from a Site. Assessment of potential exposure pathways includes the following five elements (NYSDEC, 2010):

(1) Contaminant source

(2) Contaminant release and transport mechanisms

(3) Point of exposure

(4) Route of exposure

(5) Receptor population

The NYSDEC and NYSDOH consider an exposure pathway complete when all five of these elements are documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future (NYSDEC, 2010).

Sections 4 and 5 of this report document the source of the COPCs (Element 1), the nature of the contaminants, and the transport mechanisms that account for the distribution of COPCs (Element 2). This information is used to present a summary of complete exposure pathways. The QHHEA summarizes the COPCs at the study area (Elements 1 and 2), the media in which COPCs are present (potential exposure points; Element 3), the potential exposure routes of the COPCs (i.e., ingestion, inhalation, dermal absorption; Element 4), and the assumed potential human receptors (Element 5).

It is important to note that this QHHEA assumes that existing contaminant conditions and potential exposures are not being mitigated and will not be mitigated in the future. In this sense, a "baseline" of potential exposures is presented. This evaluation was conducted in accordance with Appendix 3B of the DER-10 Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010), which summarizes the approach for preparing a QHHEA.

For the purposes of this assessment, it is assumed that the future land use of Parcels 3, 4, 5, and 6 will be a park and Parcel 1 will remain zoned for manufacturing uses. Under current land use, Parcel 2 is a park, which was redeveloped in 2019 following remediation activities, and Parcels 3, 4, and 6 are vacant and all buildings and structures on these parcels have been demolished in preparation for redevelopment as a park. A storage warehouse located at Parcel 5 is being demolished as part of redevelopment for a park.

6.2. Surface Soil

The following compounds were detected at concentrations above the Unrestricted SCOs in surface soil samples:

SVOCs	Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Indeno[1,2,3-cd]pyrene
Pesticides	4,4-DDD 4,4-DDE 4,4-DDT
PCBs	Total PCBs
Metals	Chromium Copper Lead Mercury Zinc

Potentially complete exposure pathways exist for these compounds in surface soil via ingestion, dermal contact, and inhalation. The potential receptors under current and future expected property use include the current trespasser, future adult and child park visitor, future adult commercial worker, and future adult utility and construction worker. Pavement and buildings cover a majority of the area investigated, with the exception of grassy areas along the sidewalks of North 11th and North 12th Streets where soil and gravel are exposed as well as areas of broken pavement on Parcels 3, 4, and 6 where soil and gravel are exposed. Surface soil at Parcel 2 was remediated as part of redevelopment as a park. During redevelopment, additional soil was placed on top of the post-IRM surface. Except for the limited areas of accessible surface soil at the area investigated, under current land use, potentially complete exposure pathways for contaminants in surface soil must be triggered by intrusive subsurface activity, such as excavation. Under future land use, the removal of pavement and buildings at the area investigated would result in potentially complete exposure pathways for contaminants in surface soil.

6.3. Subsurface Soil

The following compounds were detected at concentrations above the Unrestricted SCOs in subsurface soil samples:

VOCs	Benzene Toluene Ethylbenzene Xylene Acetone n-Butylbenzene sec-Butylbenzene Methylene chloride Naphthalene TCE 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 2-Butanone
SVOCs	Acenaphthene Acenaphthylene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene

	Pyrene Dibenzofuran 2-Methylphenol 4-Metholphenol Phenol
Pesticides	Aldrin 4,4-DDD 4,4-DDE 4,4-DDT Endrin Dieldrin
PFAS	PFOS PFOA
PCBs	Total PCBs
Metals	Arsenic Barium Cadmium Chromium Copper Lead Manganese Mercury Nickel Selenium Silver Zinc

Potentially complete exposure pathways exist for these compounds in subsurface soil via ingestion, dermal contact, and inhalation. The potential receptors under current and future expected property use include the future adult and child park visitor, future adult commercial worker, future adult utility and construction worker, and trespassers. Under current land use, potentially complete exposure pathways for contaminants in subsurface soil must be triggered by intrusive subsurface activity, such as excavation. Under future land use, excavation activities that result in the movement of subsurface soil to accessible locations would result in potentially complete exposure pathways for contaminants in subsurface soil.

6.4. Groundwater

The following compounds were detected at concentrations above the NYSAWQS in groundwater samples:

VOCs	Benzene Toluene Ethylbenzene Xylene Acetone Chloroform Chloromethane cis-1,2-Dichloroethene

	trans-1,2-Dichloroethene Isopropylbenzene Naphthalene Styrene TCE Vinyl Chloride
SVOCs	Acenaphthene Benz[a]anthracene Benzo(k)fluoranthene Benzo(a)pyrene Chrysene Indeno[1,2,3-cd]pyrene Naphthalene 2-Methylphenol (o-Cresol) 4-Methylphenol (p-Cresol) Phenol
Pesticides	Aldrin Alpha-BHC Beta-BHC Delta-BHC
PFAS	PFOS PFOA
Metals	Arsenic Chromium Iron Lead Magnesium Manganese Nickel Selenium Sodium
Other	Ammonia Cyanide

Groundwater at the area investigated is not being used for drinking water, as potable water in this area is supplied by the City of New York; however, potentially complete exposure pathways exist for groundwater via direct contact and inhalation via vapor intrusion. The potential receptors under current and future expected property use include the current and future adult commercial worker and the future adult utility and construction worker. Under current and future land use, a potentially complete exposure pathway for volatile contaminants in groundwater exists at Parcel 1 where indoor commercial workers are present and there is potential for vapor intrusion to indoor air. The potential for vapor intrusion at Parcel 1 has been evaluated in subsequent sections of this QHHEA using sub-slab soil vapor and indoor air analytical results collected at Parcel 1.

In addition, under current and future land use at the Site and surrounding area, there is a potentially complete exposure pathway associated with direct contact with contaminants in groundwater; however, direct contact with groundwater must be triggered by intrusive subsurface activity, such as excavation. Groundwater was encountered from 2.00 feet bgs (WW-MW-18) to 12.22 feet bgs (WW-MW-02) which

limits the potential for contact depending on the depth of subsurface excavations. In addition, iron, magnesium, manganese, and sodium detected in the groundwater samples collected at the area investigated frequently are naturally occurring compounds.

6.5. Sediment

The following compounds were detected at concentrations above Unrestricted SCO in sediment samples:

VOCs	Benzene Toluene Ethylbenzene Xylenes Acetone
SVOCs	Acenaphthene Acenaphthylene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Dibenzofuran 4-Methylphenol (p-Cresol)
Pesticides	Alpha-BHC Beta-BHC Delta-BHC Alpha-chlordane 4,4-DDD 4,4-DDE 4,4-DDT Dieldrin Endrin Heptachlor
PCBs	Total PCBs

Metals	Arsenic Barium Cadmium Copper Lead Manganese Mercury Nickel Selenium Silver Zinc

Note: PFAS were not analyzed in sediment samples.

Potentially complete exposure pathways exist for these compounds in sediment via ingestion and dermal contact. The potential receptors under current and future expected property use include the future adult and child park or river visitor, future adult commercial worker, and future adult utility and construction worker. Under current land use, sediments are not exposed during low tide as approximately 5 to 8 feet of surface water is present at low tide; therefore, surface water limits potential contact with sediments, particularly in areas of deeper water. Under future land use, redevelopment of the park and potential increased access to the sediments would result in potentially complete exposure pathways for contaminants in sediment. In addition, under future land use, dredging and excavation activities in the sediment would result in potentially complete exposure pathways for contaminants in sediment.

6.6. Indoor Air

Analysis of indoor air samples in the building at Parcel 1 detected the following: PCE and TCE at concentrations above NYSDOH air guidance values. However, subsurface contamination associated with the former MGP operations does not appear to be the source of VOCs impacting the indoor air quality at Parcel 1. These VOCs were detected at generally lower concentrations in sub-slab soil vapor samples, which may indicate a potential indoor air source. Chlorinated compounds (TCE, carbon tetrachloride, and PCE) are present in indoor air samples at concentrations that exceed the NYSDOH air guidance values or NYSDOH Decision Matrix values. Based upon the NYSDOH guidance, TCE, PCE, and toluene were present within indoor air samples at concentrations that may require reasonable and practical actions to identify source(s) and reduce exposures by others. As previously discussed, these compounds are not related to MGP operations and are found in commonly used paint, paint thinners, and paint removers. They are likely related to the products stored and used in the building at the time of sampling (Appendix O). These products include paint, oils, lubricants, adhesives, polishers, etc. Although detected VOCs are likely attributed to indoor air sources, a potentially complete exposure pathway to these compounds exists for current and future commercial workers at Parcel 1.

6.7. QHHEA Discussion

This QHHEA has concluded there are potentially complete exposure pathways to COPCs in surface and subsurface soil above the Unrestricted SCOs, groundwater above the NYSAWQSs, sediment above the

Unrestricted SCOs. The majority of VOCs detected in indoor air samples are not related to MGP operations, and indoor air sample concentrations of VOCs are likely attributed to indoor air sources associated with products used in the building at the time of sampling (Appendix O).

6.7.1. Summary of Potential Exposure Pathways

A summary of the media of concern, exposure routes, and potential receptors is presented, by parcel, in the following table. Potential receptors at and near the Site are based on current site and adjacent area uses, and the potential for future uses and activities (i.e., construction/utility activities). Potentially complete exposure pathways are identified by a checkmark if a receptor has a current or future potential exposure to impacted media.

Parcel ID	Media of Concern	Exposure Routes	Construction/ Utility Worker	Adult/Child Park Visitor	Current Trespasser	Commercial Worker
Parcel 1 and adjacent ROW	Subsurface Soil	Direct Contact Ingestion Inhalation (particulates)	√	--	--	--
	Groundwater	Ingestion Direct Contact	√	--	--	--
	Sub-Slab Soil Vapor	Inhalation	--		--	√
	Indoor Air	Inhalation	--	--	--	√
	Surface Soil (ROW only)	Inhalation (particulates) Direct contact Ingestion	√	√	√	√
Parcel 2 and adjacent ROW	Subsurface Soil	Direct Contact Ingestion Inhalation (particulates)	√	--	--	--
	Groundwater	Ingestion Direct Contact	√	--	--	--
Parcels 3 and 4 and adjacent ROW	Subsurface Soil	Direct Contact Ingestion Inhalation (particulates)	√	√	--	√
	Groundwater	Ingestion Direct Contact	√	--	--	--
	Soil Vapor	Inhalation	√	√	--	√
	Surface Soil	Direct Contact Ingestion Inhalation (particulates)	√	√	√	√
Parcel 5 adjacent ROW	Groundwater	Ingestion Direct Contact	√	--	--	--
	Subsurface Soil	Direct Contact Ingestion Inhalation (particulates)	√	√	--	√

Parcel ID	Media of Concern	Exposure Routes	Construction/ Utility Worker	Adult/Child Park Visitor	Current Trespasser	Commercial Worker
Parcel 6	Groundwater	Ingestion Direct Contact	√	--	--	--
	Subsurface Soil	Direct Contact Ingestion Inhalation (particulates)	√	√	--	√
East River	Sediment	Direct contact Ingestion	√	√		√

6.7.2. Surface Soil

Although COPCs detected in surface soil samples are not MGP-related due to filling after MGP operations, potentially complete exposure pathways to certain SVOCs, all pesticides, PCBs, and most metals are eliminated when compared to the applicable Restricted Residential SCOs. For the remaining potentially complete exposure pathways under current and future expected property use, exposure routes include ingestion, dermal contact, and inhalation at the area investigated for the adult and child park visitor, trespasser, adult commercial worker, and adult utility and construction worker for the following compounds, which were detected at concentrations above the applicable Restricted Residential SCOs:

Adjacent to Parcels 3 and 4 Restricted Residential Land Use	
PAHs	Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Dibenz[a,h]anthracene Indeno[1,2,3-cd]pyrene
Metals	Copper

Surface soil samples were collected within limited unpaved soil and gravel areas along the sidewalks of North 11th and North 12th Streets. Exposed surface soil in these areas represents recent fill material/fill wedge placed at the area investigated after MGP operations ceased. Because of the limited areas of exposed surface soil and likely infrequent contact under current land use, this potentially complete exposure pathway is considered insignificant as there is minimal exposure potential to COPCs detected in surface soil. Under future land use, redevelopment of the area as a park will require COPC concentrations in surface soil below applicable Restricted Residential SCOs.

6.7.3. Subsurface Soil

There were 54 COPCs detected in subsurface soil samples, at concentrations higher than the Unrestricted SCOs. The number of compounds is reduced to 35 COPCs for Parcels 2 through 6, when compared to the Restricted Residential and seven COPCs for Parcel 1, when compared to the Industrial SCOs, eliminating potentially complete exposure pathways to certain VOCs, SVOCs, and metals, and all

PFAS and pesticides. Under current and expected future property use, potentially complete exposure pathways exist via ingestion, dermal contact, and inhalation at the area investigated for the construction and utility worker, adult and child park visitor, and adult commercial worker for the following compounds, which are detected at concentrations above the applicable Restricted Residential and Industrial SCOs:

Industrial Land Use SCO (Parcel 1)		**Restricted Residential Land Use SCO (Parcels 2 through 6)**	
VOCs	Benzene	VOCs	Benzene Toluene Ethylbenzene Xylenes Naphthalene TCE 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene 2-Butanone
SVOCs	Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Dibenz[a,h]anthracene Indeno[1,2,3-cd]pyrene Total PAHs	SVOCs	Acenaphthene Acenaphthylene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Dibenzofuran
PCBs	None	PCBs	Total PCBs
Metals	None	Metals	Arsenic Barium Cadmium Chromium Copper Lead Manganese Mercury

As previously discussed, the majority of the area investigated is covered either by pavement or buildings/foundations with only small portions of unpaved soil along the sidewalks of North 11th and North 12th Streets. Therefore, under current land use, potentially complete exposure pathways for subsurface soil COPCs must be triggered by intrusive subsurface activity, such as excavation. Under

future land use, redevelopment of the area as a park will require COPC concentrations in subsurface soil below applicable SCOs for the appropriate soil depths.

6.7.4. Groundwater

Under current and expected future use of the property, potentially complete exposure pathways to VOCs, SVOCs, pesticides, PFAS, metals, cyanide, and ammonia compounds detected in groundwater samples exist via direct contact and, at Parcel 1 only, via vapor intrusion for the construction and utility worker. This section discusses only the direct exposure pathway. See Section 6.9.7 for discussion on the vapor intrusion pathway. However, these potentially complete exposure pathways must be triggered by intrusive subsurface activity, such as excavation. Groundwater was encountered from 2.00 feet bgs (WW-MW-18) in 2024 to 12.22 feet bgs (WW-MW-02) in 2022 which limits the potential for contact depending on the depth of subsurface excavations. Groundwater at the area investigated is not being used for drinking water as potable water in this area is supplied by the City of New York. In addition, iron, magnesium, manganese, and sodium detected in the groundwater samples collected at the Site are frequently naturally occurring compounds.

6.7.5. Sediment

There were 44 COPCs detected in sediment samples, at concentrations higher than the Unrestricted SCOs. The number of compounds is reduced to 32 COPCs when compared to the Restricted Residential SCOs, eliminating potentially complete exposure pathways to certain VOCs, SVOCs, metals, and pesticides. Under current land use, potentially complete exposure pathways to BTEX, SVOCs, pesticides (beta-BHC and dieldrin), and metals exist for sediments via ingestion and dermal contact at the area investigated for the construction and utility worker. However, these potentially complete exposure pathways must be triggered by intrusive subsurface activity, such as dredging. Sediments are not exposed during low tide as approximately 5 to 8 feet of surface water in the East River is present at low tide; therefore, surface water limits potential contact with sediments, particularly in areas of deeper water. Under future land use, redevelopment of the park and potential increased access to the sediments may result in potentially complete exposure pathways for contaminants in sediment for an adult and child park visitor and adult commercial worker. Potential redevelopment of the park that includes increased access to sediment will require COPC concentrations in sediment below applicable SCOs for the appropriate depths.

6.7.6. Indoor Air

In the commercial building at Parcel 1, indoor air sample concentrations of VOCs (toluene, PCE, TCE, and carbon tetrachloride) were detected above background indoor air concentrations; PCE and TCE (chlorinated VOCs), were detected above the NYSDOH air guidance values; TCE, PCE, and toluene were detected at concentrations that may require reasonable and practical actions to identify source(s) and reduce exposures by others (the party responsible for these impacts). As a result, there is a complete indoor air exposure pathway to these contaminants for adult commercial workers at Parcel 1. However, as discussed above in subsection 6.8, these VOCs were detected at generally lower concentrations in sub-slab soil vapor samples, which likely indicates a potential indoor air source. In addition, the majority

of these compounds are not related to MGP operations and are likely related to the products stored and used in the building at the time of sampling.

6.8. QHHEA Summary

This QHHEA has identified potentially complete exposure pathways for soil, groundwater, sediment, soil vapor, and indoor air. As a result, future ground intrusive activity at the area investigated should evaluate and address, as necessary, the identified exposure pathways to COPCs for construction and utility workers. Any future excavation can be managed to address potential exposure pathways for the construction and utility worker to COPCs in soil, groundwater, sediment, and soil vapor.

A complete indoor air exposure pathway to VOCs, including chlorinated VOCs, at Parcel 1 was identified during the RI. These compounds are not related to MGP gas operations but are related to products stored and used in the building at Parcel 1 during the time of the RI sampling. The property use has changed since the time of sampling, and these products may no longer be used or stored in the building. As discussed above, concentrations of analytes detected in sub-slab soil vapor do not indicate the potential for a complete vapor intrusion pathway; therefore, subsurface contamination associated with the former MGP operations do not appear to be the source of VOCs impacting the indoor air quality at Parcel 1. However, the detected concentrations of these VOCs in indoor air samples will require that reasonable and practical actions be taken to identify source(s) and reduce potential exposures according to NYSDOH SVI guidance.

Potential exposures to COPCs for adults and children exist for direct contact, inhalation, and ingestion of dust and surface soil. However, because the Site was filled after operation of the MGP, surface soil sample impacts appear to be related to urban conditions and adjacent area uses, and not the former MGP. As such, potential exposures to surface soil are similar to that of any urban area.

Potential exposures to COPCs are greatest for ground intrusive activities where there may be direct contact, inhalation, and ingestion of heavily impacted subsurface soil, groundwater, and sediment. Adult and children park visitors would not be involved in activities associated with contacting subsurface soil, groundwater, and sediment. Construction and utility workers and commercial workers will require appropriate soil management methods to reduce potential exposures during excavation activities as well as to prevent the migration of subsurface soil to the surface during excavation activities.

7. Fish and Wildlife Resource Impact Analysis Part 1

Per NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (NYSDEC 2010), the purpose of the Fish and Wildlife Resource Impact Analysis (FWRIA) Part 1 is to identify actual or potential for adverse effects to fish and wildlife resources due to COPCs.

This analysis includes:

- The identification of fish and wildlife resources in the vicinity of the Site in the form of a natural resources map.
- Descriptions of the fish and wildlife resources within one-quarter mile of the Site based on available data and information including a general characterization of the floral and faunal resources present.
- Identification of COPCs by comparison of data to applicable standards.
- Evaluations of potential contaminant migration and exposure pathways to fish and wildlife resources from COPCs.
- Conclusions regarding the potential of exposure and potential for adverse effects to fish and wildlife on or in the vicinity of the Site.

7.1. Fish and Wildlife Resources

The U.S. Fish and Wildlife Service and the NYSDEC Natural Heritage Program were contacted regarding species of concern, significant habitats, and fishery resources within one half mile of the Site (Fig. 40). In addition, resources near the Site and surrounding quarter mile radius were reviewed. The objectives of the review were to:

- Map and describe plant communities and aquatic resources on and adjacent to the Site.
- Identify significant ecological resources.
- Record evidence of stress to plants and animals, if any, from Site-related chemicals.

7.1.1. Terrestrial Resources

Parcel 1 is currently composed of an industrial establishment and covered by a building. Parcel 2 has been remediated and is covered by a park. Parcels 3 and 4 are covered by a former building foundation. Little vegetation exists on Parcels 1, 3, and 4 to support wildlife populations. As a result, much of the area is classified as paved road or urban structure exterior. The paved road category includes much of the Site, parking lots, streets, and sidewalks.

Marsha P. Johnson State Park and a portion of the Bushwick Inlet Park are located directly southwest of the Site, and McCarren Park is located less than one-quarter mile southeast of the Site. Marsha P. Johnson State Park is a seven-acre park which is partially paved including a playground area with some open, maintained grassy areas and direct access to the East River via a sand/riprap beach area. Bushwick Inlet Park includes a large multi-purpose athletic field covered with artificial turf, a community building, and direct access to the East River waterfront via a dog run and riprap park area. More than half of McCarren Park is grass covered athletic fields. The park includes paved/artificially covered areas for various sports, and it has a track and a swimming pool. Currently, parks and commercial and industrial uses dominate the land within 0.5 mile of the Site. Residential areas within one half mile of the Site consist of buildings surrounded by maintained lawns and ornamental plantings.

7.1.2. Freshwater and Tidal Wetlands and Aquatic Resources

The northeast boundary of the Site abuts the East River (Fig. 40). The East River and Bushwick Inlet are the only wetlands identified within 0.5 miles of the Site according to the U.S. Fish and Wildlife National Wetland Inventory (NWI) Maps (The Narrows and Jersey City, NY-NJ quadrangles) and NYSDEC Tidal Wetland Maps. The East River is mapped as an estuarine and marine deep-water wetland (E1UBL). There were no freshwater wetlands identified within one-quarter mile of the Site.

NYSDEC classifies the East River adjacent to the Site as "I," a saline water body water with the best uses for secondary contact recreation and fishing, and water quality suitable for fish propagation and survival. Bushwick Inlet is located north of the Site. The protected cove of Bushwick Inlet is considered a shallow littoral habitat (estimated water depth 1.5 meters or less in depth as defined by NYSDEC; New York City Department of City Planning, 2005). Shallow groundwater at the area investigated flows toward the East River.

Fish and marine resources have been documented in the East River adjacent to and within one half mile of the Site. The East River provides habitat for a variety of aquatic organisms including planktonic organisms, marine algae, benthic invertebrates, and fish. The majority of the shoreline along the area investigated consists primarily of urban bulkhead and/or riprap. Edinger (2002) defines this condition as a constructed marine shore, which represents "a community in which the substrate is composed of broken rocks, stones, wooden bulkheads, or concrete placed so as to reduce erosion. Characteristic organisms are attached algae, mussels, and barnacles; percent cover and species diversity are low compared to a marine rocky intertidal community. This community is demonstrably secure throughout its range." Tidal flats are present within Bushwick Inlet. No submerged aquatic vegetation has been observed is the shallow areas of the East River or Bushwick Inlet (New York City Department of City Planning, 2005).

7.1.3. Rare, Threatened, and Endangered Species

The NYSDEC Environmental Resource identified that although there are no documented NYSDEC significant habitats near the Site, an endangered beetle, American burying beetle (Nicrophorusamericanus), has been identified within one-half mile of the Site (Fig. 40). However, the report of this endangered beetle took place in 1905, and habitat for these organisms does not currently exist at the Site. Correspondence with NYSDEC Natural Heritage Group identified that nesting peregrine

falcons (Falco peregrinus) are the only federally listed endangered, threatened, and/or species of concern that is currently known to occur within one half mile of the Site (Appendix P).

7.1.4. Observation of Stress

The urbanized environment near the Site provides very limited habitat for terrestrial wildlife. Signs of stress to vegetation and wildlife in terrestrial habitats resulting from COPCs were not observed.

NAPL coating and saturation were observed in surface sediment samples collected in the East River (WW-SED-04, WW-SED-06). These conditions have the potential to cause stress to aquatic ecological receptors.

7.1.5. Value of Habitat to Associated Fauna

The surrounding quarter mile radius of the Site consists of residential homes, three parks with primarily paved or maintained grass surfaces, and industrial/commercial properties. These areas are not expected to support an abundance of wildlife, due to the lack of vegetation that could provide food and cover and due to constant human activity. The wildlife expected to occur near the Site includes only urbanized bird and mammalian species such as mockingbird (Mimuspolyglottos), gray squirrel (Sciuruscarolinensis), and Norway rat (Rattusnorvegicus).

As described above, the East River adjacent to and within one-quarter mile of the Site provides habitat for a variety of aquatic organisms, including planktonic organisms, aquatic algae, and benthic invertebrates, and has been classified as essential fish habitat by the United States Fish and Wildlife Service (USFWS 1997). The tidal flats adjacent to Bushwick inlet have been observed to serve as habitat for coastal and migratory bird forage areas (City of New York 2005).

7.1.6. Value of Resources to Humans

The parks within a quarter mile of the Site have value to humans for recreational use. They primarily consist of paved or maintained grass and artificial turf sports fields, which provide limited value to wildlife. The areas adjacent to the East River provide the potential for fishing activities, observation of birds and aquatic organisms, and boating activities.

7.2. Contaminant Migration and Exposure Pathway Analysis

Section 5 provides a detailed review of the fate and transport mechanisms for COPCs from the area investigated including a description of sources, migration pathways, and potential receptors.

COPCs were detected in surface and subsurface soil and groundwater samples on the area investigated and sediment samples in the East River collected during the RI. COPCs leaching or dissolving from subsurface soil to groundwater may migrate to sediments and potentially to associated, overlying surface water. Sorption processes may limit migration of organic COPCs through sediment to surface water. There is limited potential for direct release of COPCs in surface soil to the East River as the area investigated is primarily paved. Therefore, exposure of wildlife resources to surface soil was not

considered a significant complete exposure pathway and surface soil has not been evaluated in the FWRIA Part 1.

Fish and wildlife receptors have the potential to be exposed to surface water, sediment, and soil, which may be impacted by COPCs. Surface water was not collected as a component of the investigation and, due to its tidal, high-flow nature, has therefore not been evaluated within the FWRIA Part 1. Exposure pathways include direct exposure or ingestion of COPCs in surface sediments (approximately 0 to 0.5 feet below mud line), surface water, and exposed surficial soil (approximately 0 to 2 feet dependent on root depth).

The area investigated is primarily covered by paved surfaces, and no terrestrial habitat was observed, therefore, exposure of wildlife resources to surface soil is not considered a significant complete exposure pathway and will not be evaluated further within this FWRIA.

The East River is the most significant ecological resource adjacent to the Site. Surface water was not collected during this investigation; however, biodegradation, volatilization, dilution, and strong currents in the river adjacent to the Site may limit the magnitude of COPCs in surface water, limiting the exposure to fish and wildlife receptors to COPCs. Surface water was not evaluated further within this FWRIA. Fish and wildlife receptors have complete exposure pathways to COPCs in surface sediments (0 to 0.5 feet in depth); therefore, surface sediments were evaluated in the FWRIA.

7.3. Identification of Contaminants of Potential Concern

As described above, East River surface sediments were screened to determine if COPCs were detected at concentrations that may cause the potential for adverse effects on fish and wildlife resources.

In accordance with NYSDEC Screening and Assessment of Contaminated Sediment effective June 24, 2014, surface sediment sampling results were compared to the NYSDEC SSGVs establishing Class A through C sediment. The results are summarized in Table 10. COPCs detected in surface sediment samples at concentrations above Class A are considered COPCs.

BTEX compounds were detected in 12 of the 21 surface sediment samples. Total xylenes in surface sediment sample WW-SED-09 (0-0.5 feet) were detected at a concentration qualifying as Class B sediment. Six surface sediment samples (collected from borings WW-SED-01 through WW-SED-06) qualify as Class C sediment based on multiple detected compound concentrations. These samples were closest to the shoreline.

PAHs were detected in all surface sediment samples. Based on detected total PAH concentrations, two of the 21 samples (WW-SED-07 and WW-SED-15) qualify as Class B sediment and six of the 21 samples (WW-SED-01 through WW-SED-06) qualified as Class C sediments. These sample locations (WW-SED-01 through WW-SED-06) were closest to the shoreline.

Individual PCBs are not MGP-related and were detected in 11 of the 21 surface sediment samples. Based on detected total PCB concentrations, four of the samples (WW-SED-01, WW-SED-05, WW-SED-06, and WW-SED-11) qualify as Class B sediments, and an additional four (WW-SED-04, WW-SED-07, WW-SED-09, and WW-SED-15) qualify as Class C sediment.

Pesticides are not MGP-related and were detected in 11 of the 21 surface sediment samples. Detected concentrations of pesticides qualify ten samples (WW-SED-01 through WW-SED-07, WW-SED-09, WW-SED-11, and WW-SED-15) as Class B. Of those samples, detected concentrations in four samples (WW-SED-02 through WW-SED-04, and WW-SED-15) qualify the samples as Class C sediment. Pesticides detected within the Class B concentrations range include alpha-chlordane, gamma-chlordane, 4,4-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endrin, heptachlor, heptachlor epoxide, and methoxychlor. Pesticides detected at or above Class C concentrations include endosulfan I, endosulfan II, endosulfan sulfate, and heptachlor epoxide.

Several metals, including arsenic, cadmium, chromium, copper, lead, mercury, nickel, silver and zinc, were detected in all surface sediment samples. Detected concentrations of these metals qualify as Class B or C sediment in the majority of samples. Metals were generally detected at higher concentrations within surface sediment samples collected closer to the shoreline.

7.4. Conclusions

The former Williamsburg Works MGP Site is primarily paved and covered with buildings or foundations, providing limited to no habitat for terrestrial wildlife receptors. The East River, located northwest of the Site and adjacent formerly industrial-use properties, is the most significant ecological resource near the Site providing habitat for a variety of aquatic flora and fauna and semi-aquatic wildlife.

A complete surface sediments (0 to 0.5 feet in depth) exposure pathway of fish and wildlife receptors to COPCs was identified; therefore, surface sediments were the focus of the FWRIA Part 1. The exposure of wildlife resources to surface soil was not considered a significant complete exposure pathway due to the pavement and commercial use, and no terrestrial habitat was observed on the area investigated. Therefore, surface soil was not evaluated in the FWRIA Part 1. Surface water was not collected as a component of the investigation and, due to its tidal, high-flow nature, was therefore not evaluated within the FWRIA Part 1.

BTEX, PAHs, PCBs, metals, and pesticides were identified as COPCs in surface sediments based on comparison of concentrations in surface sediment samples to NYSDEC SSGVs; the source of these COPCs requires further assessment. Based upon the aquatic and wildlife resources expected to utilize the East River near the Site, the potential migration pathways of COPCs to surface sediment resulting in exposure to aquatic ecological receptors, and potential toxicity of the COPCs, this FWRIA Part 1 indicates potential for adverse effects to fish and wildlife resources in the vicinity of the Site.

8. Conceptual Site Model

The CSM typically provides a holistic framework for the physical and chemical contaminant distribution at a site, and it serves as a basis for future decisions regarding investigation or remediation. This CSM will discuss the nature of the impact sources, pathways for source migration, and potential human and ecological receptors in the areas investigated as part of the RI.

8.1. Site Overview

The Site and adjacent properties have been part of an industrialized area of Brooklyn dating back to at least the mid-1800s. The former MGP extended from the East River to beyond Kent Avenue and was surrounded to the north (Parcel 6), northeast (25 Kent Avenue), and the south (Parcel 5) by the former Pratt Works Williamsburg site (aka Astral Oil Works). The Pratt Works refinery was originally constructed circa 1867, and eventually merged with Standard Oil Company of New York, which has become ExxonMobil. The former Pratt Works was one of the earliest and largest refinery facilities in New York and contained dozens of bulk petroleum storage tanks. Parcel 6, fronting on North 12th Street, has been operated as a MOSF until very recently. This property has been operated by Pratt Works, Exxon Mobil, Standard Oil, Bayside Fuel Oil, TransGas Energy Systems, Paragon Oil Co. a Division of Texaco, Inc., and Motiva.

8.2. Contaminant Sources

NAPL impacts were observed beneath Parcels 1, 2, 3, 4 and 6; and in the East River sediment. The observed vertical and lateral extent of physical impacts is shown on cross-sections A-A' through K-K', in Plates 3 through 6, and the extent maps, Figs. 18 through 21. SCO exceedances from soil samples collected at depth within the borings are depicted in Figs. 22 through 25.

8.2.1. On-Site Sources

The data collected during the RI, PDI, and previous investigations by others in the RI study area indicate that there are impacts associated with the former MGP and there are impacts from other releases originating both on-Site and off-site that have commingled with the MGP impacts. Other sources include the Pratt Works oil refinery and subsequent iterations of the Pratt Works as a SOCONY refinery (Parcels 5 and 6) and later as a MOSF (Parcel 6), oil lines crossing Parcel 4, and releases related to other operations post-dating the MGP, such as fuel tanks, that were operated by NYC Department of Sanitation (Parcel 2), which had documented releases. Section 1.1 of this report describes in detail the history of the area investigated and documents known sources of contamination.

Based on the findings of the RI, MGP-related impacts are associated with the gas holders and governor station formerly located within Parcel 2, specifically Holders No. 1 and 2 and the relief holder, which were remediated during the completed soil IRM. Impacted soils between 5 and 30-ft bgs were excavated and removed from Site. Impacted soils and NAPL remain on and adjacent to Parcel 2 below 30-ft bgs. NAPL recovery in this interval adjacent to Parcel 2 has been ongoing since 2014. This NAPL is a source to groundwater contamination below 30-ft downgradient of Parcel 2.

MGP-related impacts on Parcel 3 are generally within and adjacent to the location of the former iron gas tank and scrubbers at the southeastern corner, as well as the former oil separators at the southwestern corner of the Parcel. Parcel 4 impacts are generally within and adjacent to the former gas oil tanks, wooden tar tank, and tar tanks that were positioned along both the central portion of the parcel and the bulkhead.

An additional lesser source of MGP-related impacts is also the gas holder on Parcel 1. The greatest NAPL impacts observed at the soil borings within the footprint of this holder had up to 3-feet of NAPL coated soil, whereas soil borings within the holders on Parcel 2 had up to 19-feet of NAPL coated or saturated soil. Shallow impacts below the holder on Parcel 1 were limited to odors and sheen. The holder at Parcel 1 was further downstream in the gas generation and purification process than the holders at Parcel 2, and therefore, the gas it received was cooler and contained a smaller quantity of condensable vapors.

NAPL-saturated soil was generally observed in the fill, which is up to 25 feet thick, and sandy layers within the glacial outwash above the glacial lake clay typically encountered at approximately 60-ft bgs. Throughout the entire RI study area, visual impacts were not observed below the clay. NAPL saturation was most abundant and seen the furthest below ground surface, up to 56-ft bgs, in the soil borings adjacent to and slightly down gradient of the Parcel 2 gas holders. NAPL saturation was also observed along the bulkhead on Parcel 4 in the fill from approximately 10 to 25-ft bgs near the locations of the former tar and oil tanks.

8.2.2. Off-Site Sources

The former gas works was sandwiched between the Pratt Works/Standard Oil refinery operations, located on Parcels 5 and 6 and 25 Kent Avenue. Sanborn maps showed that Parcel 6 contained tar tanks and coal piles/bins, in addition to petroleum tanks and a tin can factory, among other features. Historical fires and accidents that occurred on Parcel 6, across the street from the former MGP, resulted in burning of the tar and oil tanks (New York Times, 1871, 1873, 1891, 1895, 1909). In one instance, the entire refinery operation was destroyed (New York Times, 1873). Parcel 5, connected to Parcel 6 by pipelines that apparently ran across the former MGP, contained refined-oil storage tanks, railroads, and a chemical storage area. The overlapping of these industrial activities suggests commingling of contamination (Exponent, Appendix E and Gateway, Appendix L).

In addition, based on information about the Pratt Works/SOCONY processes currently available to National Grid, NAPL should not automatically be considered a marker of MGP-related contamination. The coal distillation process used by Pratt Works/SOCONY was very similar to the MGP coal carbonization process, and the tar produced from both processes would be chemically similar (Scientific American, 1874).

Shallow impacts in the top 5 feet observed during the RI were not related to the MGP operations, except in the area of the gas holders on Parcel 2 and are associated with historical fill or various industrial operations that occupied the Site after the cessation of MGP operations. A fill wedge is present on Parcels 2, 3 and 4, and on adjacent streets, which was placed after the MGP ceased operation to level the property for constructing buildings. The origin of this fill wedge is likely offsite. This fill wedge ranges from one foot on Parcel 2 to at least 9 feet near the East River. Solvents, PCBs, pesticides, and

metals not associated with MGP operations were found in shallow soil/fill across all sampled areas. The presence of these additional non-MGP related chemicals in soils on the Site and adjacent to the Site further confirm the presence and commingling of multiple sources of impacts.

MGP-related impacts were commingled with petroleum-impacted soil and fill at depths from ground surface to greater than 40 feet. Petroleum impacts are likely associated with multiple sources including historic on-site fuel storage, off-site fuel storage and refining and distribution operations at the adjacent former Pratt Works (Parcels 5 and 6 and 25 Kent Avenue), oil use and storage during NYCDOS operations, and placement of urban fill over the history of the Site. The data indicate that petrogenic hydrocarbons and petrogenic PAHs exist in samples, in addition to pyrogenic PAHs. There are also samples that are mainly comprised of pyrogenic hydrocarbons of various molecular weight distributions suggestive of different origins of pyrogenic PAHs (Appendix L).

8.3. Pathways for Migration

Fate and transport mechanisms for impacts were developed, as described in Section 5, and include: movement as NAPL, transportation as fugitive dust from surface soil, sorption to subsurface soil, dissolution into groundwater, ash and dust from fires, and impacts to groundwater and NAPL fate and transport from changes in groundwater levels due to historic pumping.

8.3.1. Soil and Sediment

The NAPL impacts in soil have extended from the source area on Parcel 2 to the northwest. Visual impacts were frequently seen near and below the water table within Parcel 2 and adjacent street ROWs. It appears that NAPL from the MGP source area on Parcel 2 generally migrated downward through the permeable fill and glacial till deposits until encountering silty, less permeable layers. The NAPL then migrated laterally to the northwest along the less permeable layers. The source area on Parcel 2 was remediated during the soil IRM to a depth of 30 feet bgs.

NAPL that did not encounter silty, less permeable layers on the downward migration, on Parcel 2, migrated downward through coarse-grained glacial outwash until encountering the glacial lake clay, or until the NAPL head was insufficient to cause flow further into the soil matrix due to properties of the NAPL and soil. NAPL impacts deeper than 30 feet bgs were most frequently seen within Parcel 2 itself and not frequently seen at the surrounding Parcels.

The glacial lacustrine clay was observed in all soil borings on Parcel 2 that were installed deep enough to reach the expected clay layer. The downward migration of NAPL ceased atop the glacial lake clay.

NAPL was measured in recovery wells installed by URS within and adjacent to Parcel 2. This suggests that the measurable NAPL has migrated horizontally down gradient from the Parcel 2 gas storage area.

Parcel 1 is less impacted than the remainder of the Site. NAPL impacts on Parcel 1 are located within the location of the former gas holder and oil tank. The greatest NAPL impacts observed at the soil borings within the footprint of the holder had up to 3-feet of NAPL coated soil, whereas soil borings within the holders on Parcel 2 had up to 19-feet of NAPL coated or saturated soil. Shallow impacts below Parcel 1

were limited to odors, staining and sheen. Visual impacts were frequently seen near and below the water table within Parcel 1 and adjacent street ROWs. NAPL impacts deeper than 30 feet bgs were only observed at one soil boring location (WW-SB-20). The glacial lacustrine clay was observed in all soil borings on Parcel 1 that were installed deep enough to reach the expected clay layer. The downward migration of NAPL ceased atop the glacial lake clay.

The greatest NAPL impacts on Parcel 3 are primarily located in the southwest corner, particularly near and within the location of the former iron gas tank, as well as the northeastern corner of Parcel 3 near the location of the former oil separators. Post-MGP operations by Chevron may be a source of NAPL. There is also potential for NAPL from Parcels 5 and 6 to have migrated onto the Site. LNAPL was observed near the southwest corner of Parcel 3 in WW-MW-205. Trace NAPL was observed in the bottom of the sumps of monitoring wells WW-MW-200 and WW-MW-202 during the September 11, 2024, gauging event. The greatest NAPL impacts on Parcel 4 are generally along the bulkhead and the central portion of Parcel 4, both within and adjacent to the location of the former tar tanks and gas oil tanks. Adjacent to Parcel 3, downgradient of the former holders and tar handling area on Parcel 2, GEI observed NAPL streaking on the water level tape at WW-MW-13 during gauging activities. URS observed approximately 8 inches of NAPL in WW-MW-13 during PDI activities. Measurable NAPL was not observed in wells surrounding WW-MW-13 implying that NAPL is not migrating beyond wells in which it accumulated in this area.

NAPL from the MGP source areas on Parcels 3 and 4 (various tanks and oil separators) generally remained between the water table and the limits of the fill. NAPL impacts observed deeper than fill migrated downward through coarse-grained glacial outwash until the volume of NAPL was insufficient to flow further into the soil matrix due to properties of the NAPL and soil. NAPL saturated soil was not observed deeper than 40 feet bgs (approximate elevation -28 feet NAVD). In addition, NAPL impacts were seen in East River sediment cores as deep as an elevation of -67 feet NAVD. These impacts are from multiple sources including the former MGP and Parcels 5 and 6.

The glacial lacustrine clay was observed in most of the soil borings that were installed deep enough to reach the expected clay layer on and near Parcels 3 and 4. The clay layer was not encountered in most borings along the Bushwick Inlet coastline or the western-most portion of the East River sediments. At these locations clay is either not present or present deeper than the depth of the boring. NAPL did not migrate to the top of clay at Parcels 3 and 4 and the surrounding area including the East River sediment.

WW-MW-201 and WW-MW-202, both located downgradient on Parcel 4, exhibited different NAPL conditions. Trace NAPL with no measurable quantity was observed in WW-MW-201. WW-MW-202 had 1.25-feet of NAPL after development. GEI removed the NAPL and observed blebs during pumping. No measurable NAPL remained post-recovery. During the September 11, 2024, gauging event, trace NAPL was present in the bottom of the sumps of monitoring wells WW-MW-200 and WW-MW-202, both are downgradient on Parcel 4.

Approximately 0.1-inch of NAPL was observed on the water surface in WW-MW-205, located downgradient on Parcel 3, after the well was installed in 2022. An oil absorbent sock was installed in February 2023 and continues to be replaced as needed.

Visually NAPL-impacted soil was not observed in the following borings.

Location	Boring ID
Parcel 1 and street ROWs on the eastern portion of the area investigated	WW-MW-01, WW-MW-02, WW-MW-16, WW-MW-20, WW-SB-01, WW-SB-02, WW-SB-19, and BPB-23
Parcel 3	WW-SB-200, WW-SB-206
Parcel 4	WW-SB-227, WW-SB-235, WW-SB-238, WW-MW-207D
Former street ROWs south of Parcel 5, Block 2301 (south of Parcel 5), and East River on the southern portion of the area investigated	WW-MW-21, WW-MW-22, WW-SB-30, WW-SB-54, WW-SB-55, BPB-1, BPB-2, BPB-3, and LPB-1 through LPB-20, WW-SED-12, WW-SED-18, and ERS-1 through ERS-4
Parcel 6, East River, and Bushwick Inlet on the northern portion of the area investigated	WW-MW-18, WW-MW-19, WW-SB-27, WW-SB-35, WW-SB-44, WW-SB-47 through WW-SB-52, B-7A, B-12A, B-13A, B-15A, B-16A, B-24A, B-28 through B-32, B-33, B-34, and BC-1 through BC-8, WW-SED-07, WW-SED-15, WW-SED-16, WW-SED-17. WW-SED-21, ERS-9, and BCS-1 through BCS-11

Although visual NAPL impacts were not observed in soil borings WW-SB-11, WW-SB-200, WW-SB-206, WW-SB-227, WW-SB-235, WW-SB-238, WW-MW-207D, BPB-4 through BPB-9, BPB-11, and BPB-12 as well as sediment cores WW-SED-02 and WW-SED-03, these locations are surrounded by borings with visual NAPL and are included in what is considered the impacted area and do not define the extent of impacts.

These borings appear to bound the extent of NAPL-impacted soil to the north, east, and south. The lateral extent of impacts in sediments west of the Site was investigated but were not bound to the west of the Site within the East River due to equipment limitations. The mud line elevation drops and water current speed increases toward the center of the river. NAPL impacts were observed in borings installed as far west as the drilling equipment was capable of operating. A portion of the dissolved phase BTEX and PAH constituents detected in samples collected from intervals consistent with the elevations below the sediment of the East River are likely discharging through the sediment to the East River. Surface water is likely to be rapidly degrading, volatilizing, or diluting any dissolved phase discharges to the East River.

Evidence of ongoing direct shallow migration of NAPL from the Site to the sediments at WW-SED-06 was not observed. Potential pathways for shallow NAPL migration at WW-SED-06 may include historic direct migration, historic releases during loading or offloading boat operations near the shoreline, or redistribution due to boat traffic near the shoreline. NAPL observed between 1 and 10-feet below the sediment line was observed adjacent to the bulkhead and may also be the results of historic direct migration, historic releases during loading or offloading boat operations near the shoreline, or redistribution due to boat traffic near the shoreline.

8.3.2. Groundwater

Groundwater flows northwest across the area investigated through the source areas toward the East River. The highest concentrations were generally detected in shallow groundwater samples collected

from source areas. Total BTEX and total PAH concentrations were highest in samples collected from well WW-MW-05 on Parcel 2. Only two of the eight groundwater samples collected at intermediate wells on Parcels 3 and 4 (WW-MW-204I and WW-MW-206I) contained BTEX or PAH at concentrations exceeding the NYSAWQS. These wells are closest to Parcel 2. Four of the eight groundwater samples collected at deep wells on Parcels 3 and 4 (WW-MW-200D, WW-MW-201D, WW-MW-204D, and WW-MW-206D) contained BTEX at concentrations exceeding the NYSAWQS. Concentrations of BTEX detected in the deep groundwater samples were limited to benzene and were detected at much lower concentrations than concentrations of BTEX detected in shallow and intermediate groundwater samples. PAHs were not detected above NYSAWQS in deep groundwater samples. Dissolved BTEX and PAH concentrations generally decrease with distance downgradient of the source areas and with depth on Parcels 3 and 4 indicating that contamination is migrating to the northwest. A portion of the dissolved phase BTEX and PAH constituents and total cyanide detected in samples collected from intervals consistent with the elevations above the sediment of the East River are likely discharging to the East River. A portion of the dissolved phase BTEX and PAH constituents and total cyanide detected in samples collected from intervals consistent with the elevations below the sediment of the East River are likely discharging through the sediment to the East River. Surface water is likely to be rapidly degrading, volatilizing, or diluting any dissolved phase discharges to the East River.

8.4. Ecological Receptors

As discussed in Section 7, the area investigated is primarily paved or covered with former building foundations, providing limited to no habitat for terrestrial wildlife receptors; therefore, exposure of wildlife resources to surface soil was not considered a complete exposure pathway. The East River, located northwest of the Site, is the most significant ecological resource in the area investigated, providing habitat for a variety of aquatic flora and fauna and semi-aquatic wildlife. A complete surface sediments (0 to 0.5 feet in depth) exposure pathway for fish and wildlife receptors to COPCs was identified; therefore, surface sediments were the focus of the FWRIA.

The FWRIA found that aquatic and wildlife resources expected to utilize the East River near the Site combined with the potential migration pathways of COPCs to surface sediment result in the potential exposure to aquatic ecological receptors, and potential toxicity resulting from these COPCs. These COPCs are related to a commingling of multiple sources of impacts that require further evaluation.

8.5. Human Receptors

As discussed in Section 6, there are potentially complete pathways for human receptors to contact both MGP-related and non-MGP-related chemical compounds detected in subsurface soil, groundwater, sub-slab vapor and indoor air samples at the area investigated. Under current conditions, however, these impacts pose no risk of harm to human health. Potential future utility and construction workers may contact contaminants detected in subsurface soil samples at each of the parcels and beneath the streets during excavation activities. There is a potential risk of exposure to contaminated subsurface soil, groundwater, and sub-slab vapor for these workers performing utility repairs or future construction activities.

9. Summary and Conclusions

The RI was performed under the terms of the AOC Index No. A2-0552-0606, and later, AOC Index No. CO 2-20200910-300, and in accordance with the NYSDEC-approved RIWP, addenda, and SRIWP to evaluate potential impacts to soil, sediment, groundwater, sub-slab vapor and indoor air from impacts at the Site. The former Williamsburg Works MGP produced gas for use by local businesses and the nearby community from roughly the 1860s until the 1930s. Following decommissioning, the property was subdivided into four properties (Parcels 1 through 4) and sold in the mid-1940s. National Grid and its subsidiaries have not controlled the properties since their sale.

A review of available historical information reveals that the area of the former Williamsburg Works MGP was subject to considerable filling prior to the operation of the MGP. Following the decommissioning of the MGP, the United States Navy leased the property before it was sold. After it was sold, the properties were used for parking, lumber storage, sheet metal manufacturing, document storage, and city sanitation operations, including bulk petroleum storage. Additional filling occurred on Parcel 2, 3, and 4 after the property was sold by BUG. Currently, the former Williamsburg Works Site is used as a park by New York City Parks and Recreation Department and a photography studio by Amazon. The former MGP was surrounded to the north (Parcel 6), northeast (25 Kent Avenue), and the south (Parcel 5) by the former Pratt Works Williamsburg site (aka Astral Oil Works). The Pratt Works refinery was originally constructed circa 1867, and eventually merged with SOCONY, which has become part of ExxonMobil. The former Pratt Works was one of the earliest and largest refineries in New York and contained dozens of bulk petroleum and tar storage tanks. Oil lines connecting former Pratt Works operations at Parcels 5 and 6 crossed the MGP. Parcel 6, fronting on North 12th Street, has been operated as a MOSF until recently. These properties have been operated by Pratt Works, SOCONY, ExxonMobil, Paragon Oil Co (a Division of Texaco, Inc.), Bayside Fuel Oil, TransGas Energy Systems, and Motiva. Wasted released by these parties on Parcels 5 and 6 may present a significant threat, which is equivalent to an imminent and substantial endangerment, to health or the environment. These parcels should be further investigated by former operators. National Grid has completed further investigation of Parcel 6 and will conduct further investigations of Parcels 1 and 5 to determine the nature and extent of MGP-related impacts as required by the Consent Order.

RI activities, as well as prior and contemporary investigations, have been completed on the four Site parcels (Parcels 1 through 4) and the adjacent rights of way.

The former gas works were sandwiched between the Pratt Works/Standard Oil refinery operations, located on Parcel 5 and 6. Sanborn maps showed that Parcel 6 contained tar tanks and coal piles/bins, in addition to petroleum tanks and a tin can factory, among other activities. Historical fires and accidents that occurred on Parcel 6, across the street from the former MGP, resulted in burning of the tar and oil tanks. In one instance, the entire refinery operation was destroyed. Parcel 5, connected to Parcel 6 by pipelines that apparently ran across the former MGP, contained refined-oil storage tanks, railroads, and a chemical storage area. The overlapping of these industrial activities suggests commingling of contamination. (Exponent, Appendix E).

The field investigations revealed that the shallowest subsurface materials consist of fill underlain, in some cases, by alluvial deposits. Beneath these materials, glacial till, glacial outwash sands, glacial lake clay, and bedrock were encountered, although not all of these materials were observed in each boring.

Tar tanks, oil stills, and pipelines on Parcel 6 are an additional potential source of NAPL. NAPL appears to have originated from gas production and tar handling areas of the MGP footprint, particularly around the gas holders on Parcel 2. NAPL from the MGP source area generally migrated downward through the permeable fill until it encountered less permeable till or silty lenses. A portion of the NAPL then migrated laterally to the northwest along the top of the less permeable layers. NAPL that did not encounter silty, less permeable layers on the downward migration, migrated downward through coarse-grained deposits within the glacial till into coarse-grained glacial outwash until encountering the glacial lake clay. The clay layer acts as a barrier to the downward migration of NAPL at the Site. NAPL impacts deeper than 30 feet bgs were most frequently seen within Parcel 2 itself and not frequently seen at the surrounding Parcels. Source areas on Parcel 2 were remediated during the IRM.

Most of the NAPL-saturated soils that were identified on Parcel 2 and that were in proximity to the former gas holders and were removed during the IRM. The most observed NAPL-saturated soils on Parcel 3 were observed to the southwest of the former oil separators. Most of the NAPL-saturated soils identified on Parcel 4 were observed up to approximately 30-feet deep and around the bulkhead and within the locations of the former tar and oil tanks. Mixed impacts - NAPL, including petroleum - were observed in several borings on Parcel 4. NAPL-impacted soils were encountered as shallow as 4 feet bgs (4.07 feet NAVD) in WW-MW-10, and as deep as 60.4 feet bgs (-48.3 feet NAVD) in WW-SB-23. NAPL-saturated soil was generally encountered on Parcel 2 above the glacial lake clay, which acts as a barrier to the downward migration of NAPL.

The overall vertical extent of NAPL migration has been defined by this RI. Visual NAPL impacts were not observed below the clay layer within surrounding deep borings installed by GEI. The lateral extent of NAPL migration has been defined to the north, east, and south.

Soil and fill with commingled impacts were observed at depths from ground surface to greater than 40 feet. Products associated with the former gas works (Parcels 1–4) included coal tar and petroleum (e.g., gas oil) used as a feedstock in the carbureted water gas process. After the MGP operations ceased, several other operations occupied the site parcels, including sheet metal manufacturing, scrap metal shops, and tanks and oil/water separators, among other operations. Petroleum impacts are likely associated with multiple sources including historic on-site fuel storage, oil use and storage during NYCDOS operations, long-term off-site refining and fuel storage operations at the adjacent former Pratt Works (Parcels 5 and 6), and historic urban filling. The presence of additional non-MGP related chemicals including metals, solvents, pesticides, and PCBs in soils on the Site and adjacent to the Site further confirm the presence and commingling of multiple sources of impacts.

The western lateral extent of impacts in sediments was investigated and delineated. The source of the sediment impacts is not clear however and may relate to multiple releases associated with the MGP, the former Pratt Works operation (including a well-documented catastrophic fire that caused releases of petroleum to the East River), and releases associated with outfalls to the East River (New York Times, 1909).

There is a wedge of soil/fill (the "fill wedge") which was placed above the historical MGP surface elevation of Parcels 3 and 4 and adjacent streets after MGP operations ceased. Prior to the IRM that has been completed on Parcel 2, the fill wedge extended over Parcel 2 as well. This fill wedge was imported to the Site and placed on Parcels 2, 3 and 4 to level them for construction of post-MGP structures including warehouses that were built on Parcel 3 circa 1985 and on Parcel 4 between 1996 and 2001 and that were demolished in 2015. The concrete foundations from the warehouses remain at the surface of Parcels 3 and 4. The fill wedge covers the top 1 to 5 feet of Parcel 3 and at least top 5-feet of Parcel 4. Within samples collected from the top 5 feet of subsurface soil, BTEX values did not exceed the appropriate restricted SCO criteria, however, individual and total PAH values were detected in some samples above the appropriate restricted SCO criteria. Elevated PFOS, PCBs, pesticides, and metal concentrations (arsenic, barium, cadmium, chromium, copper, lead, and mercury) were also detected. However, due to the shallow depths, these COPCs are likely associated with historic fill material used in the development and post-MGP operation of the Site.

Samples collected from visually impacted subsurface soil deeper than 5 feet were associated with BTEX and total and individual PAH exceedances of the appropriate restricted SCOs, within all of the parcels but most frequently Parcels 2, 3, and 4. Elevated concentrations of dibenzofuran and metals (arsenic, barium, cadmium, chromium, copper, lead, manganese, mercury, nickel, selenium, silver, and zinc) were also present. However, dibenzofuran and the noted metals are not associated with MGP operation and are associated with historic fill material used in the development and post-MGP operation of the Site. The presence of non-MGP related chemicals confirm the presence and commingling of multiple impact sources.

With the exception of four soil borings (WW-SB-23 (62 to 63 feet for benzene and PAHs), WW-SB-40 (95-95.5 feet for barium), WW-SB-234 (25 to 30 feet) for manganese), and WW-204D (60-62 feet for manganese), analytical concentrations within samples collected below observed impacts at the completion of the borings were all below the appropriate restricted SCO criteria, indicating the vertical extent of impacts has been determined.

Soil samples were compared to Protection of Groundwater SCOs. Concentrations of BTEX and PAHs detected in soil samples exceeded the Protection of Groundwater SCOs in the following areas where there were not concentrations of BTEX and PAHs detected above NYSAWQS.

- On Parcel 1 above 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples at one soil boring onsite and in samples collected from soil borings adjacent to the Site. Below 30 feet bgs, BTEX and PAHs were not detected at concentrations above the Protection of Groundwater SCOs.
- On Parcel 2 above 30 feet, BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples at two onsite soil borings in the northwestern corner of the Parcel. Below 30 feet bgs, BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs at several locations.

- On Parcel 3 above 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples collected in the northeastern and central portions of the Parcel. Below 30 feet bgs, BTEX and PAHs were not detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples.
- On Parcel 4 above 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples collected in the northern portion of the Parcel and adjacent to this area on N. 12th Street. Below 30 feet bgs, BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs at one location adjacent to the Parcel on N. 11th Street outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples.
- On Parcel 5 above 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples collected throughout the Parcel. Below 30 feet bgs, BTEX and PAHs were detected at concentrations above the Protection of Groundwater SCOs at one location adjacent to the Parcel on N. 11th Street. Shallow and deep groundwater will be evaluated on this Parcel in a future investigation.
- On Parcel 6 above 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs outside the area where BTEX and PAHs were detected at concentrations above the NYSAWQS in groundwater samples collected throughout the Parcel. Below 30 feet bgs, BTEX and/or PAHs were detected at concentrations above the Protection of Groundwater SCOs in samples collected from four locations on and adjacent to the Parcel. Shallow and deep groundwater is currently being evaluated on this Parcel.

The detections of analytes in groundwater above the NYSAWQS without corresponding detection of those same analytes in soil above the Protection of Groundwater SCOs indicates that the potential source of those groundwater impacts are upgradient sources. The exceptions are the directions of manganese and selenium, both detected above the applicable soil and groundwater standards, which are not related to MGP operations.

Groundwater at the areas investigated moves through soil that contains both impacts associated with the former MGP operations and non-MGP sources. Groundwater moving through the areas of NAPL-saturated soil, residual NAPL, and petroleum impacted soil will dissolve the BTEX components and low molecular weight PAHs (e.g., naphthalene). Shallow, intermediate, and deep groundwater flow to the northwest toward the East River during both high and low tides. The groundwater plume is bounded by the East River and is not migrating laterally.

Based on the distribution of impacted soil and the groundwater flow directions, dissolved phase BTEX and PAHs associated with NAPL impacted soil, including petroleum, is being transported by groundwater flow toward the East River. Potential dissolved phase contaminants that enter the surface water of the river will likely reduce rapidly by processes of degradation, volatilization, or dilution.

A QHHEA for COPCs in all media at the area investigated determined that current users have a limited potential to come into contact with COPCs in excess of the screening values. Potential risk associated with surface soil impacts are similar to any urban area and are not related to former MGP operations. Greater risk may exist if future construction and utility workers uncover soil and come into contact with impacted soil or groundwater. In these cases, appropriate soil management methods are necessary. A complete indoor air exposure pathway to chlorinated and other non-MGP VOCs was identified during the RI. These compounds are not related to MGP gas operations but are related to recent past uses at Parcel 1.

A FWRIA Part 1 identified and evaluated COPCs within subsurface soil and sediment and determined the potential risks to on-site and off-site terrestrial and aquatic receptors. The Site and surrounding area are primarily paved and covered with buildings and foundations, providing limited to no habitat for terrestrial wildlife receptors. The East River located northeast of the Site, is the most significant ecological resource near the Site and provides habitat for a variety of aquatic flora and fauna and semi-aquatic wildlife. PAHs, metals, and the pesticide DDE were identified as COPCs in surface sediments. Based upon the aquatic and wildlife resources expected to use the East River in the vicinity of the Site, the potential migration pathways of COPCs to surface sediment resulting in exposure to aquatic ecological receptors, and potential toxicity of the COPCs, this FWRIA Part 1 indicates potential for adverse effects to fish and wildlife resources.

An Alternatives Analysis will be prepared and submitted to NYSDEC no later than 60 days following approval of this RI report.

References

AECOM, 2018. *Construction Completion Report, 50 Kent Avenue Property Holder Area, Portion of NYSDEC Site Number 224055 and Brooklyn North 1 Garage, NYSDEC Site Number 224028, Brooklyn, Kings County, New York.* March 2018.

American Conference of Governmental Industrial Hygienists (ACGIH), 2002. *Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices*.

Bouwer, H., Rice, R.C., 1976. *A Slug Test for Determining Hydraulic Conductivity of Unconfined Aquifers with Completely or Partially Penetrating Wells*. Water Resources Research Vol. 12, No. 3, p. 423-428

Bouwer, H., 1989. *The Bouwer and Rice Slug Test – An Update*. Ground Water, Vol 27, No 3, p. 15-20.

Brock, P. C. and P. W. G. Brock, undated. "Bedrock Geology of New York City: More than 600 may. of geologic history" *Field Guide for Long Island Geologists Field Trip October 27, 2001."* Pp. 17. http://pbisotopes.ess.sunysb.edu/reports/NYCity/. Accessed September 16, 2003.

Brooklyn Union Gas (BUG) Drawings, 1908 through 1946. Drawing 1D36, dated November 9, 1908, Drawing OA8, dated February 5, 1909, Drawing 1G122, dated June 23, 1909, and retraced October 5, 1939 and July 16, 1946, Drawing 1G102, dated June 23, 1909, and Drawing 2G130, dated July 27, 1921.

Brusseau, M. L. and P.S.C. Rao, 1989. "The Influence of Sorbate-Organic Matter Interactions on Sorption Nonequilibrium." *Chemosphere*. Vol. 18, pp 1691-1706.

Brusseau, M. L., R.E. Jessup, and P.S.C. Rao, 1991. "Nonequilibrium Sorption of Organic Chemicals: Elucidation of Rate-Limiting Processes." *Environmental Science and Technology*. Vol. 25, pp 134-142.

Busciolano, R., 2002. *Water-Table and Potentiometric-Surface Altitudes of the Upper Glacial, Magothy, and Lloyd Aquifers on Long Island, New York, in March-April 2000, with a Summary of Hydrogeologic Conditions*. United States Geological Survey. Water-Resources Investigations Report 01-4165.

Busciolano, R., J. Monti, Jr., and A. Chu, 1998. *Water-Table and Potentiometric-Surface Altitudes of the Upper Glacial, Magothy, and Lloyd Aquifers on Long Island, New York, in March-April 1997, with a Summary of Hydrogeologic Conditions*. United States Geological Survey. Water-Resources Investigations Report 98-4019.

Buxton, H. T., J. Soren, A. Posner, and P. K. Shernoff, 1981. *Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York*. United States Geological Survey Open-File Report 81-1186.

Cartwright, R. A., 2002. *History and Hydrologic Effects of Ground-Water Use in Kings, Queens, and Western Nassau Counties, Long Island, New York, 1800s through 1997*. United States Geological Survey Water-Resources Investigations Report 01-4096.

Chaskey, C., 2005. Personal Communication. New York Natural Heritage Program, Albany, NY. June 10.

Chemical Equipment Corporation Map, 1920. Lots 75-76-77, Block 2287, Section 8. September 10, 1920.

City of New York Department of Finance, Automated City Register Information System. http://a836-acris.nyc.gov/Scripts/Coverpage.dll/index.

City of New York, 1921. *Board of Estimate and Apportionment*. Approved Resolution No. 139 p. 511. July 21, 1921.

Dripps, M., 1855. Map of the Cities of New York, Brooklyn & Jersey City.

Edinger, G. J., D. J. Evans, S. Gebauer, T. G. Howard, D. M. Hunt, and A. M. Olivero (editors). 2014. *Ecological Communities of New York State. Second Edition. A revised and expanded edition of Carol Reschke's Ecological Communities of New York State.* New York Natural Heritage Program, New York State Department of Environmental Conservation, Albany, NY. March 2014.

Efroymson R. A., M. E. Will, G. W. Suter III, 1997. *Toxicological Benchmarks for Screening Contaminants of Potential Concern for Effects on Soil and Litter Invertebrates and Heterotrophic Process: 1997 Revision.*ES/ER/TM-126/R2. Oak Ridge National Laboratory, Oak Ridge, TN.

Environmental Data Resources, Inc. (EDR), 2005. The EDR Radius Map with GeoCheck®. Former Williamsburg Works, Kent Avenue, Brooklyn, NY. Inquiry No. 2119865.2s. January 15, 2008.

Explosion in Pratt's Astral Oil Works, 1880. *The Brooklyn Daily Eagle*, Vol. 41 – No. 13. January 14, 1880.

Fetter, C.W. 1988. *Applied Hydrogeology, 2nd Edition*; Merrill Publishing Company, Columbus, OH, 592 p.

Forbes, R.J. 1959. More Studies in Early Petroleum History 1860-1870.

Freeze, R.A., and J. A. Cherry, 1979. *Groundwater;* Prentice-Hall, Inc. Englewood Cliffs, NJ, p. 604.

GEI Consultants, Inc. (2008). *Remedial Investigation Work Plan, Williamsburg Works Former Manufactured Gas Plant Site, Brooklyn, NY*. May 2008.

GEI Consultants, Inc., 2008a. *Work Plan Addendum, Remedial Investigation – Additional Borings, 35 Kent Avenue, Williamsburg Works Former Manufactured Gas Plant Site, Brooklyn NY.* November 19, 2008.

GEI Consultants, Inc., 2009. *Remedial Investigation Work Plan Addendum, Williamsburg Works Former Manufactured Gas Plant Site, Brooklyn, NY*. December 7, 2009.

GEI Consultants, Inc., 2010. *Supplemental Remedial Investigation Work Plan, Williamsburg Works Former Manufactured Gas Plant Site, Brooklyn, NY*. August 25, 2010.

GEI Consultants, Inc., 2021. *Remedial Investigation Work Plan Addendum, Parcels 3 and 4, Portion of K - Williamsburg Works Site, Brooklyn, NY*. July 2021.

GEI Consultants, Inc., 2022. *Addendum to Remedial Investigation Work Plan Addendum, Parcels 3 and 4, Portion of K - Williamsburg Works Site, Brooklyn, NY*. April 12, 2022.

Gelfer, V., R. Gobin, J. Schedtman, 2003. *Design of Confined Disposal Facility on Compressible Organic Soil*.

Gesner, G.W. 1865. A Practical Treatise on Coal, Petroleum, and Other Distilled Oils. Second Edition.

HDR Engineering, Inc. 1998. *Supplementary Site Assessment for a 13-Acre Parcel of The Brooklyn Navy Yard Final Report* Vols. I & II. June 1998.

Howard, P.H., 1990, *Handbook of Environmental Fate and Exposure Data for Organic Chemicals*. Lewis Publishers, Chelsea, MI.

http://factfinder.census.gov/servlet/ReferenceMapFramesetServlet?_bm=y&-_lang=en.

http://www.dec.state.ny.us/website/dfwmr/heritage/EcolComm.htm.

IPB Associate, 1991. *Solid Waste Management Facility, 20 North 12th Street, Brooklyn, NY 11222.* May 1, 1991.

ITRC, 2024. *LNAPL Update*. Web. Accessed December 16, 2024. https://lnapl-3.itrcweb.org/

Kabata-Pendias A, A. Pendias, 1992. *Trace Elements in Soils and Plants.* P.T. Kostecki, E.J. Calabrese, eds. Lewis Publishers, Inc. Chelsea, MI.

Lauber, J. M., T. D. Mock. *Glossary of Technical Terms*. New York State Geological Survey – New York State Museum. Web. Accessed July 31, 2014. http://www.nysm.nysed.gov/nysgs/resources/index.html

Levy, Don, Architect, 1987. *Proposed Construction Debris Transfer Station for North 12th Street Transfer Corp., 20 North 12th St., Brooklyn, NY.* March 29, 1987.

LiRo Engineers, Inc., 2004. *Quarterly Monitoring Report, Brooklyn North 1, January 2004 – April 2004.* May 26, 2004.

LiRo Engineers, Inc., 2005. *Quarterly Monitoring Report, Brooklyn North 1, November 2004 – January 2005.* February 28, 2005.

Loehr, R. C. and M. T. Webster, 1996. "Behavior of Fresh vs. Aged Chemicals in Soil. *"Journal of Soil Contamination*. Vol. 5, pp 361-383.

Long E. R., D. D. MacDonald, S. L. Smith, F. D. Calder, 1995. *Incidence of Adverse Biological Effects within Ranges of Chemical Concentrations in Marine and Estuarine Sediments.* Environ Manag 19(1): 81-97.

Marterer, G., 1925. Map Showing the Original High and Low Grounds, Salt Marsh, and Shore Lines in the City of Brooklyn from original Government Surveys made in 1776-1777.

Merguerian, C., 2003. *The Narrows Flood-Post-Woodfordian Meltwater Breach of the Narrows Channel, NYC.* Hofstra University. Accessed September 16, 2003.http://pbisotopes.ess.sunysb.edu/lig/Conferences/abstracts-03/merguerian/merguerian.htm.

Metcalf & Eddy of New York, Inc. (M&E 2006. *Site Investigation Report, 9th Street Equities, LLC, 86 Kent Avenue between and including North 9th and North 10th Streets, Block 2301, Lots 1, 50, 60 & 70, Brooklyn, New York.* August 2006.

M&E, 2006a. *Site Investigation Report, Property West of Kent Avenue between and including North 10th and North 12th Streets, Block 2287, Lot 1,16, & 30, Block 2294, Lot 1 & 5, Brooklyn, New York.* November 2006.

M&E, 2006b. *Site Investigation Report, Bayside Fuel Oil Company, 1-65 North 12th Street, Block 2277, Lot 1, Brooklyn, New York.* November 2006.

M&E, 2006c. *Site Investigation Report, Motiva Enterprises LLC/Bushwick Creek Inlet, Kent Avenue between South Shoreline of Bushwick Creek and Quay Street, Block 2590, Lot 25 & 100, Brooklyn, New York.* November 2006.

M&E, 2007. *Cost to Cure Report Park Land, Department of Sanitation Garage, 50 Kent Avenue, Block 2287, Lot 1, Brooklyn, New York.* June 2007.

M&E, 2007a. *Cost to Cure Report Park Land, Bayside Fuel Oil Company, 1-65 North 12th Street, Block 2277, Lot 1, Brooklyn, New York.* June 2007.

Mueser Rutledge Consulting Engineers, 1999. *Inspection of Barge Basin, Brooklyn Navy Yard, Brooklyn, New York*, April 16, 1999.

Moss, C. J., and C, Merguerian, 2005. Loading patterns in varved Pleistocene sediment in the NYC area: *in* Hanson, G. N., *chm*., Twelfth Annual Conference on Geology of Long Island and Metropolitan New York, 16 April 2005, State University of New York at Stony Brook, NY, Long Island Geologists Program with Abstracts, 12 p.

Moss, C. J., and C. Merguerian, 2007. Different and distinct - Implications of unusual glacial strata in Brooklyn: *in* Hanson, G. N., *chm*., Fourteenth Annual Conference on Geology of Long Island and Metropolitan New York, 14 April 2007, State University of New York at Stony Brook, NY, Long Island Geologists Program with Abstracts, 19 p.

Murphy, R. F. 1995. *Brooklyn Union-A Centennial History*. Brooklyn Union Gas Company, pp. 158.

National Grid, 2009. *Remedial Investigation Work Plan Addendum, 50 Kent Avenue, Williamsburg Works Former Manufactured Gas Plant (MGP) Site, Brooklyn NY*. Letter to Ms. Lisa Gorton. February 12, 2009.

National Grid, 2009a. *Remedial Investigation Work Plan Addendum, Williamsburg Works Former MGP Site, Brooklyn NY*. Letter to Mr. Henry Willems. December 7, 2009.

National Grid, 2010. *Supplemental Remedial Investigation Work Plan, Williamsburg Works Former MGP Site, Brooklyn NY*. Letter to Mr. Henry Willems. September 3, 2010.

National Oceanic Atmospheric Administration Center for Operational Oceanographic Products and Services Homepage, undated.2003 Water Level Tidal Predictions.http://www.co-ops.nos.noaa.gov/tides05/tab2ec2a.html#22.Accessed April 1, 2005.

National Oceanic Atmospheric Administration, 2004. Local Climatological Data, New York LaGuardia Airport. National Climatic Data Center, Ashville, North Carolina. October to December 2004.

New York City Business Integrity Commission, 2007. *Decision of the Business Integrity Commission Denying the Application of Pebble Rock, Ltd. For a Registration to Operate as a Trade Waste Business.* May 8, 2007.

New York City Department of City Planning, 2005. Greenpoint-Williamsburg Rezoning: Final Environmental Impact Statement. Prepared by Philip Habib & Associates, AKRF, Inc., LMS Engineers LLP, Celia Bergoffen, Ph.D., and HydroQual, Inc. CEQR No. 04DCP003K.

New York City Department of Sanitation, 1995. *Letter to NYSDEC, NYCDOS Brooklyn North 1 Garage, 50 Kent Avenue, Brooklyn.* July 3, 1995.

New York State Archives, 2009.1915 and 1920 Brooklyn Union Gas Company Information.

New York State Department of Environmental Conservation (NYSDEC), May 2010.*DER-10 Technical Guidance for Site Investigation and Remediation*.

NYSDEC. 1987. *Permit Under the Environmental Conservation Law*, DEC Permit Number 20-87-0177 dated September 10, 1987.

NYSDEC. 1989. *Guidelines for Remedial Investigations and Feasibility Studies*, Technical and Administrative Guidance Memorandum (TAGM), HWR-89-4025.

NYSDEC. 1991. *Order on Consent*, DEC File Number R2-3266-90-10 dated January 9, 1991.

NYSDEC, 1993. Division of Fish, Wildlife, and Marine Resources, November 22, 1993, *Technical Guidance for Screening Contaminated Sediments*.

NYSDEC. 1994a. *Determination of Soil Cleanup Objectives and Cleanup Levels*, Technical and Administrative Guidance Memorandum #4046, HWR-89-4025.

NYSDEC. 1994b. *Fish and Wildlife Impact Analysis for Hazardous Waste Sites.* Division of Fish and Wildlife, Albany, New York.

NYSDEC, 1995. *Letter to NYC Department of General Services (DGS), NYCDOS Brooklyn North 1, 50 Kent Street, PBS#2-456098.* May 17, 1995.

NYSDEC, 1995a. *Letter to NYCDGS, NYCDOS Brooklyn North 1, 50 Kent Street, PBS#2-456098.* June 7, 1995.

NYSDEC, 1996. *Interoffice Memorandum, Brooklyn North 1.* February 1, 1996.

NYSDEC, 1996a. *Interoffice Memorandum, Brooklyn North 1.* March 27, 1996.

NYSDEC, 1996b. *Letter to NYCDGS, Brooklyn North 1, 50 Kent Avenue, Brooklyn, PBS#2-456098, Spill #9600011.* April 8, 1996.

NYSDEC, 1996c. *Letter to NYC Law Department, 50 Kent Avenue, Brooklyn.* October 18, 1996.

NYSDEC, 1998. *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. Division of Water Technical and Operational Guidance Series (1.1.1), June 1998.

NYSDEC, 2002, *Draft DER-10 Technical Guidance for Site Investigation and Remediation*.

NYSDEC, 2006 *New York State Code of Rules and Regulations*, 6NYCRR Title 6, Chapter 100, Part 700-705.

NYSDEC,2007. *Site Characterization Report, Fulton Former Manufactured Gas Plant, Brooklyn, Kings County, New York, Site No. 2-24-051*, September 2007

NYSDEC, 2007a, *Modification to Order on Consent and Administrative Settlement Twelve Sites (Index no. A2-0552-0606)*. August 7, 2007.

NYSDEC, 2013, *Letter to GEI Consultants, Review of New York Natural Heritage Program Database, Kent Avenue, Brooklyn*. March 12, 2013.

NYSDEC Spill Incidents Database Search, 2014. *Database Search for Spill No. 9804544.* August 4, 2014.

New York State Department of Health, 2006. *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. October 2006.

New York Times, 1871. *Fire in Williamsburg*. November 29, 1871.

New York Times, 1873. *GREAT OIL FIRE — Total Destruction of Pratt's Astral Oil Works*. January 27, 1873.

New York Times, 1891. *An Oil Still Explodes*. March 22, 1891.

New York Times, 1895. *Disaster at Pratt's Astral Works – Originated in Distilling Tank and Destroyed Engine Building – Damage $15,000*. November 19, 1895.

New York Times, 1909. *Oil Fire Rode in on the Tide*. October 13, 1909.

Olin, J. A., 2005. Personal Communication. United States Fish and Wildlife Service, Long Island Field Office, Islip, NY. April 25, 2005.

Online Highways, undated. *New York LaGuardia Airport, Weather Station of the U.S. Weather Service*. http://www.ohwy.com/ny/w/wx305811.htm. Accessed June 11, 2003.

Open Accessible Space Information System for New York City, http://www.oasisnyc.net/mapsearch.asp.

Ordnance Department, *History of Light Oil Recovery Plants, Part I*, pp. 40-41.

Parsons Brinkerhoff Quade & Douglas, Inc., 2002. *Summary of Water Quality, Aquatic Ecology and Sediment Sampling Results-Brooklyn Navy Nearshore Confined Disposal Facility*, January 2002.

Raritan Enviro Sciences, Inc., 1996. *Interoffice Memo, NYCDDC Contract PW348-04, Report of Free-Phase Petroleum Product at NYCDOS Brooklyn North 1 Site.* September 13, 1996.

The RETEC Group, Inc., 2007. Characterization of Soil Background PAH and Metal Concentrations, Manhattan, New York. March 24, 2007.

Sanborn Fire Insurance Maps. Site Parcels 1-6, 1887, 1905, 1916, 1941, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1993, 1995, and 1996.

Scientific America, 1874. *James Young, Founder of the Paraffin Oil Industry*. Scientific America. Volume XXX, No. 7 [New Series]. New York, February 14, 1874.

Shacklette, H.T. and J. G. Boerngen, 1984. *Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States*. U.S. Geological Survey Professional Paper 1270. 105p.

Soil Mechanics Environmental Services, 1992. *Figures 2, 3, 7, 10, and 11.* July 28, 1992.

Soren, J. and D. Simmons, 1985. *Thickness and Hydrogeology of Aquifers And Confining Units Below The Upper Glacial Aquifer On Long Island, New York*. Sheets 1 through 3. September 1985.

Tarbell, I. M., 1904. *The History of the Standard Oil Company, Vol. II.* 252p.

United States Census Bureau, 2000, *Population, Housing, Units Area, and Density Geologic Comparison Table: Census 2000 Summary File 1,* Geographic Area: New York – County.

The New York Times, 1910. *Oil Plant Explode; Twenty Men Burned*. May 10, 19010.

United States Coastal Survey under direction of F.R. Hassler, 1844. *Map of New-York Bay and Harbor and the Environs*.

United States Environmental Protection Agency (USEPA), 1979. *Status Assessment of Toxic Chemicals*. EPA-600/2-89-210L.

USEPA, 1983.*Brooklyn-Queens Aquifer System*. P. 18. http://www.epa.gov/region2/water/aquifer/brooklyn/brooklyn.htm#I2

USEPA, 1986. "Guidelines for Carcinogen Risk Assessment," *Federal Register* 51:33992-34012.

USEPA, 1989. *Risk Assessment Guidance for Superfund, Human Health Evaluation Manual (Part A), Interim Final*, Office of Emergency and Remedial Response, EPA/540/1-89/002.

USEPA, 1991. *Guide for Conducting Treatability Studies under CERCLA: Aerobic Biodegradation Remedy Screening.* EPA/540/2-91/013B.

USEPA, 1991. *Risk Assessment Guidance for Superfund, Volume 1, Human Health Evaluation Manual, Supplemental Guidance*, 'Standard Default Exposure Factors', PB91-921314.

USEPA, 1992. *Dense Non-Aqueous Phase Liquids – A Workshop Summary, Dallas, Texas, April 16-18, 1991*. Office of Research and Development, Washington D.C., EPA/600/r-92/030, February 1992.

USEPA, 1994. *Supplemental Guidance to RAGs: Region IV Bulletins, Development of Health Based Preliminary Remediation Goals, Remedial Goal Options, and Remediation Levels*, Office of Health Assessment, Waste Management Division, Atlanta, GA.

USEPA, 1997a. *Exposure Factors Handbook,* Office of Research and Development, Washington, D.C., EPA/600/P-95//002Fa.

USEPA, 1997b. *Health Assessment Effects* Summary Tables. EPA No. 540-R-97-036, FY 1997 Update. Washington, D.C.

USEPA, 2000 and 2002, Integrated Risk Information System on-line database, http://www.epa.gov/ngispgm3/iris/index.html.

USEPA, undated. *Brooklyn-Queens Aquifer System*. Pp. 18.http://www.epa.gov/region02/water/aquifer/brooklyn/brooklyn.htm, accessed on March 30, 2003.

USEPA, undated. *Groundwater Issue. Light Nonaqueous Phase Liquids*. https://www.epa.gov/sites/default/files/2015-06/documents/lnapl.pdf, accessed on December 16, 2024.

United States Fish and Wildlife Service (USFWS). 1997. *Significant Habitats and Habitat Complexes of the New York Bight*. Charlestown, RI.

United States Geological Survey (USGS). 1994. *April 4, 1994 USGS Digital Orthophoto Quadrangle,* USGS EarthExplorer, Accessed: June 30, 2025.

URS, 2013. *Interim Remedial Measure Design Investigation for the 50 Kent Avenue Parcel, Williamsburg Works Former MGP Site*. February 2013.

URS, 2013. *Interim Remedial Measure Supplemental Pre-Design Investigation for the 50 Kent Avenue Parcel, Former Williamsburg Works MGP Site*. July 2013.

War Department Corps of Engineers, U.S. Army and United States Shipping Board, 1926. *The Port of New York, In Three Parts, Part 2: Piers, Wharves, and Docks statistical Data).* Port Series No. 20. 1926.

War Department Corps of Engineers, U.S. Army and United States Shipping Board, 1926. *The Port of New York, In Three Parts, Part 2: Piers, Wharves, and Docks statistical Data) (Revised 1932).* Port Series No. 20. 1932.

Williamson, F. and A. Daum, 1959. *The American Petroleum Industry: The Age of Illumination, 1859-1899*. Pages 279-281.

Wilson, J. G. and J. Fiske, 1918. *The Cyclpaedia of American Biography*. 192p.

www.saltwatertides.com. Accessed November 4, 2009 and December 20, 2012.

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Table 7 Background Concentrations of PAHs in Surface Soil in New York City

Table 8 Detected Surface Soil Analytical Results

Table 9 Detected Subsurface Soil Analytical Results – Within and Adjacent to Parcels 2 through 6

Table 10 Detected Subsurface Soil Analytical Results – Within and Adjacent to Parcel 1

Table 11 Detected Sediment Analytical Results

Table 12 Final Groundwater Parameters

Table 13 Detected Groundwater Analytical Results

Table 14 Detected Indoor/Outdoor Air and Sub-Slab Vapor Analytical Results

Table 15 Detected Ambient Air and Soil Vapor Analytical Results

Table 1. Sample Location, Collection Rationale, and Analysis
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K - Williamsburg Works
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Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples			VOCs (EPA 8260C)	VOCs (EPA 8260B)	SVOCs (EPA 8270D)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	TAL Metals and Tin (6000/7000)	Cyanide[1]	Herbicides (EPA 8151A)	PCBs (EPA 8082)	Pesticides (EPA 8081A)	Ammonia (EPA 350.1)	TOC (EPA 9060)	VOCs (EPA TO-15)	PFAS	TPH	Forensics	Helium (D1946)
				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
Surface Soil Sample Locations																							
WW-SS-04	North 11th Street, adjacent to the site	**WW-SS-04 (0-0.2)**	Soil sample to evaluate surface soil conditions at the site	X				X		X	X		X	X	X	X							
WW-SS-05	North 12th Street, adjacent to the site	**WW-SS-05 (0-0.2)**	Soil sample to evaluate surface soil conditions adjacent to the site	X				X		X	X		X	X	X	X							
WW-SS-06	North 11th Street, adjacent to the site	**WW-SS-06 (0-0.2)**	Soil sample to evaluate surface soil conditions adjacent to the site	X				X		X	X		X	X	X	X							
WW-SS-07	North 12th Street, adjacent to the site	**WW-SS-07 (0-0.2)**	Soil sample to evaluate surface soil conditions adjacent to the site	X				X		X	X		X	X	X	X							
WW-SS-08	North 11th Street, adjacent to the site	**WW-SS-08 (0-0.2)**	Soil sample to evaluate surface soil conditions adjacent to the site	X				X		X	X		X	X	X	X							
WW-SS-09	North 12th Street, adjacent to the site	**WW-SS-09 (0-0.2)**	Soil sample to evaluate surface soil conditions adjacent to the site	X				X		X	X		X	X	X	X							
Subsurface Soil Borings, Monitoring Wells and Temporary Groundwater Sample Locations																							
WW-SB-01	North 11th Street, adjacent to Parcel 1	**WW-SB-01 (1-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-01 (14-15)	Evaluate soil quality at the depth with the highest VOC reading and sheen	X				X		X	X		X										
WW-SB-02	North 12th Street, adjacent to Parcel 1	**WW-SB-02 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-02 (10.5-11.5)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
WW-SB-09	Parcel 2, downgradient of the gas holder footprint	**WW-SB-09 (11-12)**	Evaluate soil quality at the depth with high VOC readings, sheen, and tar-like staining	X				X		X	X		X										
		WW-SB-09 (53-54)	Evaluate soil quality at the depth with the highest VOC reading, tar-like staining, and partial tar-like coating	X				X		X	X		X										
WW-SB-10	Parcel 2, downgradient of the gas holder footprint	**WW-SB-10 (49-50)**	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
		WW-SB-10 (51-52)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-11	Parcel 2, downgradient of the gas holder footprint	**WW-SB-11 (50-51)**	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
		WW-SB-11 (63-64)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-13	North 11th Street, adjacent to Parcel 3	**WW-SB-13 (4-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-13 (12-15)	Evaluate soil quality at the depth with the highest VOC reading, sheen, and tar-like coating	X				X		X	X		X										
		WW-SB-13 (37-38)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-14	North 12th Street, adjacent to Parcel 3	**WW-SB-14 (1-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-14 (10-11)	Evaluate soil quality at the depth with the highest VOC reading, sheen, tar-like staining, and partial tar-like coating	X				X		X	X		X										
WW-SB-15	North 12th Street, adjacent to Parcel 4	**WW-SB-15 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-15 (7-9)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
WW-SB-16	North 12th Street, adjacent to Parcel 4	**WW-SB-16 (0.5-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-16 (12-13)	Evaluate soil quality at the depth with tar-like blebs	X				X		X	X		X										

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-17	North 11th Street, adjacent to Parcel 5	**WW-SB-17 (2-4)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-17 (32-33)	Evaluate soil quality at the depth with the highest VOC reading, sheen, tar-like staining, and partial tar-like coating	X				X		X	X		X									
		WW-SB-17 (45-46)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-18	Kent Avenue, adjacent to Parcel 6	**WW-SB-18 (3.5-4.5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-18 (9-10)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X									
		WW-SB-18 (51-53)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-19	Parcel 1, within the gas holder footprint	**WW-SB-19 (2-3)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X	X					
		WW-SB-19 (4-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X	X					
		WW-SB-19 (14-15)	Evaluate soil quality at the depth with a high VOC reading	X				X		X	X		X				X					
		WW-SB-19 (25-35)	Evaluate soil quality at the depth with a high VOC reading and petroleum-like staining	X				X		X	X		X				X					
		WW-SB-19 (47-50)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X				X					
		WW-SB-19 (5-15)	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X	X					
		WW-SB-19 (25-35)	Evaluate groundwater quality at the depth with a high VOC reading and petroleum-like staining		X			X		X	X		X				X					
		WW-SB-19 (40-50)	Evaluate groundwater quality above the suspected confining clay layer		X			X		X	X		X				X					
WW-SB-20	Parcel 1, within the gas holder footprint	**WW-SB-20 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X	X					
		WW-SB-20 (55-57)	Evaluate soil quality at the depth with the highest VOC reading, tar-like staining, and partial tar-like coating	X				X		X	X		X									
		WW-SB-20 (62-63)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-21	Parcel 1, within the gas holder footprint	**WW-SB-21 (1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X	X					
		WW-SB-21 (33-34)	Evaluate soil quality at the depth with a high VOC reading, tar-like staining, and blebs	X				X		X	X		X				X					
		WW-SB-21 (68-69)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X				X					
		WW-SB-21 (4-14)	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X	X					
		WW-SB-21 (15-25)	Evaluate ground water quality at the depth with the highest VOC reading		X			X		X	X		X				X					
		WW-SB-21 (40-50)	Evaluate groundwater quality below the depth of impacts		X			X		X	X		X				X					
WW-SB-22	Parcel 1, downgradient of the gas holder footprint	**WW-SB-22 (3-4)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X	X					
		WW-SB-22 (13-15)	Evaluate the soil quality at the depth of high VOC reading and black staining	X				X		X	X		X				X					
		WW-SB-22 (37-38)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X				X					
		WW-SB-22 (65-65.5)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X				X					
		WW-SB-22 (6-16)	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X	X					
		WW-SB-22 (35-45)	Evaluate groundwater quality at the depth with the highest VOC reading and tar-like staining		X			X		X	X		X				X					
		WW-SB-22 (55-65)	Evaluate groundwater quality above the suspected confining clay layer		X			X		X	X		X				X					

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-23	Parcel 2, downgradient of the gas holder footprint	**WW-SB-23 (31-33)**	Evaluate soil quality at the depth with a high VOC reading, tar-like coating, and partial saturation	X				X		X	X		X									
		WW-SB-23 (62-63)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-24	Parcel 2, downgradient of the gas holder footprint	**WW-SB-24 (38-40)**	Evaluate soil quality at the depth with the highest VOC reading and tar saturation	X				X		X	X		X									
		WW-SB-24 (53-55)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-25	Stepout of WW-SB-11, North 12th Street, adjacent to Parcel 6	**WW-SB-25 (1-3)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-25 (34-35)	Evaluate soil quality at the depth with the highest VOC reading and tar-like coating	X				X		X	X		X									
		WW-SB-25 (52-53)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-26	Stepout of WW-SB-09, North 12th Street, adjacent to Parcel 6	**WW-SB-26 (1-4)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-26 (12-13)	Evaluate soil quality at the depth with the highest VOC reading and sheen	X				X		X	X		X									
WW-SB-27	Stepout of WW-MW-07, North 12th Street, adjacent to Parcel 6	**WW-SB-27 (4-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-27 (14-15)	Evaluate soil quality from the depth with the highest VOC reading	X				X		X	X		X									
WW-SB-28	Stepout of WW-MW-06, North 11th Street, adjacent to Parcel 5	**WW-SB-28 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-28 (22-23)	Evaluate soil quality at the depth with the highest VOC reading, tar-like staining, and tar-like coating	X				X		X	X		X									
WW-SB-29	Stepout of WW-SB-10, North 11th Street, adjacent to Parcel 5	**WW-SB-29 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-29 (20-22)	Evaluate soil quality at the depth with a high VOC reading, tar-like staining, blebs, and partial tar-like coating	X				X		X	X		X									
WW-SB-30	Stepout of WW-MW-08, North 11th Street, adjacent to Parcel 5	**WW-SB-30 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-30 (7-9)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X									
		WW-SB-30 (45-50)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-31	Stepout of WW-SB-13, North 11th Street, adjacent to Parcel 5	**WW-SB-31 (1-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-31 (15-17)	Evaluate soil quality at the depth with the highest VOC reading, tar and petroleum-like staining	X				X		X	X		X									
		WW-SB-31 (52-54)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-32	Stepout of WW-MW-11, North 11th Street, adjacent to Parcel 5	**WW-SB-32 (4-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-32 (10-11)	Evaluate soil quality at the depth with the highest VOC reading, tar-like staining, and tar-like coating	X				X		X	X		X									
		WW-SB-32 (43-44)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-33	Stepout of WW-SB-14, North 12th Street, adjacent to Parcel 6	**(none)**	No laboratory samples were collected due to repeated refusal at 4'																			
WW-SB-34	Stepout of WW-MW-13, North 12th Street, adjacent to Parcel 6	**WW-SB-34 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-34 (10-13)	Evaluate soil quality at the depth with a high VOC reading, sheen, blebs, and partial tar-like staining and coating	X				X		X	X		X									

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-35	Stepout of WW-SB-15, North 12th Street, adjacent to Parcel 6	**WW-SB-35 (1-4.5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X									
		WW-SB-35 (8-10)	Evaluate soil quality at the depth with the highest VOC reading and petroleum-like staining	X				X		X	X		X									
WW-SB-36	Stepout of WW-MW-15, North 12th Street, adjacent to Parcel 6 and downgradient of the former MGP footprint	**WW-SB-36 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-36 (9-10)	Evaluate soil quality at the depth with the highest VOC reading and petroleum-like staining	X				X		X	X		X									
WW-SB-37	Parcel 2, downgradient of the gas holder footprint	**WW-SB-37 (96-97)**	Evaluate the soil quality beneath the clay layer, at the termination depth of the boring	X				X		X	X		X									
WW-SB-38	Parcel 2, adjacent to the gas holder footprint	**WW-SB-38 (96.5-97)**	Evaluate the soil quality beneath the clay layer, at the termination depth of the boring	X				X		X	X		X									
WW-SB-39	Parcel 2, downgradient of the gas holder footprint	**WW-SB-39 (96-97)**	Evaluate the soil quality beneath the clay layer, at the termination depth of the boring	X				X		X	X		X									
WW-SB-40	Parcel 2, downgradient of the gas holder footprint	**WW-SB-40 (95-95.5)**	Evaluate the soil quality beneath the clay layer, at the termination depth of the boring	X				X		X	X		X									
WW-SB-41	Parcel 2, downgradient of the gas holder footprint	**WW-SB-41 (96-97)**	Evaluate the soil quality beneath the clay layer, at the termination depth of the boring	X				X		X	X		X									
WW-SB-42	Parcel 2, downgradient of the gas holder footprint	**WW-SB-42 (62-62.5)**	Evaluate the soil quality at the depth of high VOC reading and slight odor	X				X		X	X		X									
		WW-SB-42 (96.5-97)	Evaluate the soil quality below the observed impacts, at the termination depth of the boring	X				X		X	X		X									
WW-SB-43	Parcel 6, north of the former MGP footprint	**WW-SB-43(1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-43(8-8.5)	Evaluate soil quality at the depth with the highest PID reading, moderate naphthalene-like odor, and heavy tar-like staining	X				X		X	X		X									
		WW-SB-43(44-44.5)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-44	Parcel 6, north of the former MGP footprint	**WW-SB-44(1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-44(7-8)	Evaluate soil quality at the depth with a high PID reading, strong petroleum-like odor, heavy sheen, and staining	X				X		X	X		X									
		WW-SB-44(50-51)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-45	Parcel 6, north of the former MGP footprint	**WW-SB-45(1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-45(53-54)	Evaluate soil quality at the depth with the highest PID reading, strong naphthalene-like odor, and heavy tar-like coating with saturation	X				X		X	X		X									
		WW-SB-45(64-64.5)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-46	Parcel 6, north of the former MGP footprint	**WW-SB-46(1.5-2.5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-46(33-34)	Evaluate soil quality at the depth with the highest PID reading, strong naphthalene-like odor, and heavy tar-like coating with saturation	X				X		X	X		X									
		WW-SB-46(60.5-61)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									
WW-SB-47	Parcel 6, north of the former MGP footprint	**WW-SB-47(1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-SB-47(5-6)	Evaluate soil quality at the depth with a high PID reading, slight petroleum-like odor, and sheen on water	X				X		X	X		X									
		WW-SB-47(66-67)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X									

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-48	Parcel 6, north of the former MGP footprint	WW-SB-48(1-2)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-48(7-8)	Evaluate soil quality at the depth with the highest PID reading, moderate petroleum-like odor, and slight to moderate staining	X				X		X	X		X										
		WW-SB-48(65-66)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-49	Parcel 6, north of the former MGP footprint	WW-SB-49(1-2)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-49(9-10)	Evaluate soil quality at the depth with the highest PID reading, strong petroleum-like odor, and heavy staining	X				X		X	X		X										
		WW-SB-49(84-85)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-50	Parcel 6, north of the former MGP footprint	WW-SB-50(1-2)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-50(5.5-6.5)	Evaluate soil quality at the water table	X				X		X	X		X										
WW-SB-51	Parcel 6, north of the former MGP footprint	WW-SB-51(1-2)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-51(6-9)	Evaluate soil quality at the water table	X				X		X	X		X										
		WW-SB-51(52.5-53)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-52	Parcel 6, north of the former MGP footprint	WW-SB-52(2-3)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-52(9.5-10)	Evaluate soil quality at the depth with the highest PID reading, strong naphthalene-like odor, and moderate petroleum-like and tar-like staining	X				X		X	X		X										
		WW-SB-52(67.5-68.5)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
WW-SB-53	Parcel 6, north of the former MGP footprint	WW-SB-53(1-2)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-53(7.5-8)	Evaluate soil quality at the depth with the highest PID reading, moderate petroleum-like and naphthalene-like odor, sheen, and pockets of tar-like blebs	X				X		X	X		X										
		WW-SB-53(24.5-25)	Evaluate soil quality below the greatest impacts at the completion of the boring	X				X		X	X		X										
WW-SB-54	Parcel 5, south of the former MGP footprint	WW-SB-54(3-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-54(7-9)	Evaluate soil quality at the observed water table	X				X		X	X		X	X	X	X							
		WW-SB-54(57-59)	Evaluate soil quality at the completion of the boring	X				X		X	X		X	X	X	X							
WW-SB-55	Parcel 5, south of the former MGP footprint	WW-SB-55(3-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SB-55(12-14)	Evaluate solid quality at the depth with naphthalene-like odor, black staining, and elevated PID readings	X				X		X	X		X	X	X	X							
		WW-SB-55(55-57)	Evaluate soil quality below the greatest impacts at the completion of the boring	X				X		X	X		X	X	X	X							
WW-MW-01	Wythe Avenue, east and upgradient of the former MGP footprint	WW-MW-01 (0.5-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-01 (16-17)	Evaluate soil quality at the depth of the water table	X				X		X	X		X										
		WW-MW-01 (63-64)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-01	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-MW-02	North 11th Street, adjacent to Parcel 1	**WW-MW-02 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-02 (15-17)	Evaluate soil quality at the depth with the highest VOC reading and gray staining	X				X		X	X		X										
		WW-MW-02 (50-53)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-02	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-03	North 12th Street, adjacent to Parcel 1	**WW-MW-03 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-03 (28-30)	Evaluate soil quality at the depth with the highest VOC reading, sheen, tar-like staining, and partial tar-like coating	X				X		X	X		X										
		WW-MW-03 (60-63)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-03	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-04	Parcel 2, downgradient of the gas holder footprint	**WW-MW-04 (5-10)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X										
		WW-MW-04 (31-33)	Evaluate soil quality at the depth with the highest VOC reading and tar-like coating	X				X		X	X		X										
		WW-MW-04 (58-59)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-04	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-05	Parcel 2, adjacent to the gas holder footprints	**WW-MW-05 (63-64)**	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-05	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-06	North 11th Street, adjacent to Parcel 2	**WW-MW-06 (50-52)**	Evaluate soil quality at the depth with the highest VOC reading, sheen, and tar-like coating	X				X		X	X		X										
		WW-MW-06 (58-60)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-06	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-07	Parcel 2, adjacent to the gas holder footprint	**WW-MW-07 (4-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-07 (48.5-49.5)	Evaluate soil quality at the depth with the highest VOC reading and tar-like staining	X				X		X	X		X										
		WW-MW-07 (59-60)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-07	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-08	North 11th Street, adjacent to Parcel 2	**WW-MW-08 (7.5-8.5)**	Evaluate soil quality at the depth with the highest VOC reading, sheen, and tar saturation	X				X		X	X		X										
		WW-MW-08 (40-45)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-08	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-10	North 12th Street, adjacent to Parcel 3	**WW-MW-10 (4-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-10 (10-11.5)	Evaluate soil quality at the depth with a high VOC reading, sheen, and tar-like blebs	X				X		X	X		X										
		WW-MW-10	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-MW-11	North 11th Street, adjacent to Parcel 3	**WW-MW-11 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-11 (11-14)	Evaluate soil quality at the depth with the highest VOC reading, sheen, and tar-like staining	X				X		X	X		X										
		WW-MW-11 (39-40)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-11	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-12	North 11th Street, adjacent to Parcel 5	**WW-MW-12 (0.5-3)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-12 (9-10)	Evaluate soil quality at the depth with the highest VOC reading and sheen	X				X		X	X		X										
		WW-MW-12	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-13	North 12th Street, adjacent to Parcel 3	**WW-MW-13 (2-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-13 (5-10)	Evaluate soil quality at the depth with the highest VOC reading, tar-like staining, and pockets of coating	X				X		X	X		X										
		WW-MW-13	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-14	End of North 11th Street, adjacent to Parcel 4, downgradient and adjacent to the former MGP footprint	**WW-MW-14 (3-5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-14 (36-37)	Evaluate soil quality at the depth with a high VOC reading and tar-like coating	X				X		X	X		X										
		WW-MW-14 (55-57)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-14	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-15	North 12th Street, adjacent to Parcel 4, downgradient and adjacent to the former MGP footprint	**WW-MW-15 (1-4)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-15 (12-13)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
		WW-MW-15	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-16	Kent Avenue, adjacent to Parcel 6, northeast of the former MGP footprint	**WW-MW-16 (2-3.5)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-16 (20-21)	Evaluate soil quality at the depth with the highest VOC reading	X				X		X	X		X										
		WW-MW-16 (38-40)	Evaluate soil quality below the greatest impacts	X				X		X	X		X										
		WW-MW-16	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-17	Parcel 2, downgradient of the gas holder footprint	**WW-MW-17 (7-8)**	Evaluate soil quality at the depth with a high VOC reading and tar-like staining	X				X		X	X		X										
		WW-MW-17 (54-55)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-17	Evaluate groundwater quality at the water table		X			X		X	X		X	X	X	X							
WW-MW-18	Parcel 6, north of the former MGP footprint	**WW-MW-18(1-2)**	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-MW-18(6-7)	Evaluate soil quality at the depth with slight petroleum-like odor	X				X		X	X		X										
		WW-MW-18(72-73)	Evaluate soil quality above the suspected confining clay layer	X				X		X	X		X										
		WW-MW-18	Evaluate water quality at the water table		X			X		X	X		X	X	X	X							

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-MW-19	Parcel 6, north of the former MGP footprint	WW-MW-19(1-2)	Evaluate soil quality of the shallow subsurface with slight petroleum-like odor	X				X		X	X		X	X	X	X						
		WW-MW-19(5-6)	Evaluate soil quality at the water table	X				X		X	X		X									
		WW-MW-19	Evaluate water quality at the water table		X			X		X	X		X	X	X	X						
WW-MW-20	Kent Avenue, adjacent to Parcel 5, south of the former MGP footprint	WW-MW-20(1.5-3)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-MW-20(9-10)	Evaluate soil quality at the water table	X				X		X	X		X									
		WW-MW-20	Evaluate water quality at the water table		X			X		X	X		X	X	X	X						
WW-MW-21	Parcel 5, south of the former MGP footprint	WW-MW-21(3-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-MW-21(10-11)	Evaluate soil quality at the water table	X				X		X	X		X	X	X	X						
		WW-MW-21(50-52)	Evaluate soil quality at the completion of the boring	X				X		X	X		X	X	X	X						
		WW-MW-21	Evaluate water quality at the water table		X			X		X	X		X	X	X	X						
WW-MW-22	Parcel 5, south of the former MGP footprint	WW-MW-22(3-5)	Evaluate soil quality of the shallow subsurface	X				X		X	X		X	X	X	X						
		WW-MW-22(24-25)	Evaluate soil quality at the depth with naphthalene-like odor, staining, and elevated PID readings	X				X		X	X		X	X	X	X						
		WW-MW-22(52-55)	Evaluate soil quality below the greatest impacts at the completion of the boring	X				X		X	X		X	X	X	X						
		WW-MW-22	Evaluate water quality at the water table		X			X		X	X		X	X	X	X						
WW-MW-200	Parcel 3	WW-MW-200 (0-5)	Evaluate soil quality within the Site boundary. Evaluate shallow groundwater flow and quality within the Site boundary	X				X		X	X		X	X	X	X				X	X	
		WW-MW-200 (7-10)		X				X		X	X		X									
		WW-MW-200 (33-35)		X				X		X	X		X									
		WW-MW-200	Evaluate shallow groundwater flow and quaity within the Site boundary.		X			X		X	X		X	X	X	X				X		
WW-MW-200I	Parcel 3	WW-MW-200I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-200D	Parcel 3	WW-MW-200D (40-42)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-200D (60-62)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-200D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-201	Parcel 4	WW-MW-201 (0-5)	Evaluate soil quality within the Site boundary. Evaluate shallow groundwater flow and quality within the Site boundary	X				X		X	X		X	X	X	X						
		WW-MW-201 (5-10)		X				X		X	X		X									
		WW-MW-201 (27-30)		X				X		X	X		X									
		WW-MW-201 (45-50)		X				X		X	X		X									
WW-MW-201I	Parcel 4	WW-MW-201I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-201D	Parcel 4	WW-MW-201D (43-45)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-201D (66-68)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-201D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-202	Parcel 4	WW-MW-202 (0-5)	Evaluate soil quality within the Site boundary. Evaluate shallow groundwater flow and quality within the Site boundary	X				X		X	X		X	X	X	X						
		WW-MW-202 (8-10)		X				X		X	X		X									
		WW-MW-202 (20-22)		X				X		X	X		X									
		WW-MW-202 (50-52)		X				X		X	X		X									
WW-MW-202I	Parcel 4	WW-MW-202I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-MW-202D	Parcel 4	WW-MW-202D (40-42)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-202D (70-72)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-202D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-203	Parcel 4	WW-MW-203 (0-5)	Evaluate soil quality within the Site boundary near an off-site NAPL plume. Evaluate shallow groundwater flow and quality within the Site	X				X		X	X		X	X	X	X						
		WW-MW-203 (10-12)		X				X		X	X		X									
		WW-MW-203 (22-24)		X				X		X	X		X									
		WW-MW-203	Evaluate shallow groundwater flow and quaity within the Site boundary.		X			X		X	X		X	X	X	X				X			
WW-MW-203I	Parcel 4	WW-MW-203I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-203D	Parcel 4	WW-MW-203D (38-40)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-203D (68-70)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-203D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-204	Parcel 3	WW-MW-204 (0.4-5)	Evaluate soil quality within the footprint of the Site. Evaluate shallow groundwater flow and quality within the Site boundary and near an off-	X				X		X	X		X	X	X	X						
		WW-MW-204 (30-32)		X				X		X	X		X									
		WW-MW-204 (48-50)		X				X		X	X		X									
		WW-MW-204	Evaluate shallow groundwater flow and quaity within the Site boundary.		X			X		X	X		X	X	X	X				X			
WW-MW-204I	Parcel 3	WW-MW-204I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-204D	Parcel 3	WW-MW-204D (40-42)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-204D (60-62)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-204D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-205	Parcel 3	WW-MW-205 (0-5)	Evaluate soil quality within the footprint of a former settling tank. Evaluate shallow groundwater flow and quality within the Site boundary	X				X		X	X		X	X	X	X						
		WW-MW-205 (5-10)		X				X		X	X		X									
		WW-MW-205 (10-15)		X				X		X	X		X									
		WW-MW-205 (35-40)		X				X		X	X		X									
WW-MW-205I	Parcel 3	WW-MW-205I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-205D	Parcel 3	WW-MW-205D (38-40)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-205D (70-72)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-205D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-206	Parcel 3	WW-MW-206	Evaluate shallow groundwater flow and quaity within the Site boundary.		X			X		X	X		X	X	X	X						
WW-MW-206I	Parcel 3	WW-MW-206I	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X									
WW-MW-206D	Parcel 3	WW-MW-206D (30-32)	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X									
		WW-MW-206D (40-42)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X									
		WW-MW-206D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X									

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-MW-207	Parcel 4	**WW-MW-207**	Evaluate shallow groundwater flow and quaity within the Site boundary.		X			X		X	X		X	X	X	X							
WW-MW-207I	Parcel 4	**WW-MW-207I**	Evaluate intermediate groundwater flow and quaity within the Site boundary.		X			X		X		X	X										
WW-MW-207D	Parcel 4	**WW-MW-207D (42-44)**	Evaluate soil quality within screen interval of intermediate monitoring well.	X			X		X			X	X										
		WW-MW-207D (60-62)	Evaluate soil quality within screen interval of deep monitoring well.	X			X		X			X	X										
		WW-MW-207D	Evaluate deep groundwater flow and quaity within the Site boundary.		X			X		X		X	X										
WW-SB-200	Lot 16	**WW-SB-200 (0.4-3.5)**	Evaluate soil quality within the footprint of the former purifying house	X				X		X	X		X	X	X	X				X			
		WW-SB-200 (13-15)		X				X		X	X		X										
		WW-SB-200 (25-26)		X				X		X	X		X										
WW-SB-201	Lot 16	**WW-SB-201 (0.4-5)**	Evaluate soil quality within the footprint of the former scrubbers	X				X		X	X		X	X	X	X							
		WW-SB-201 (12-15)		X				X		X	X		X										
		WW-SB-201 (30-32)		X				X		X	X		X										
WW-SB-202	Lot 16	**WW-SB-202 (0.4-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X							
		WW-SB-202 (12-14)		X				X		X	X		X										
		WW-SB-202 (34-35)		X				X		X	X		X										
WW-SB-203	Lot 16	**WW-SB-203 (0.4-5)**	Evaluate soil quality within the footprint of the iron gas tank	X				X		X	X		X	X	X	X							
		WW-SB-203 (8-10)		X				X		X	X		X										
		WW-SB-203 (30-32)		X				X		X	X		X										
WW-SB-204	Lot 16	**WW-SB-204 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X					X	X	X	
		WW-SB-204 (7-9)		X				X		X	X		X										
		WW-SB-204 (5-10)		X																	X	X	
		WW-SB-204 (28-30)		X				X		X	X		X										
WW-SB-205	Lot 16	**WW-SB-205 (0.4-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X							
		WW-SB-205 (10-12)		X				X		X	X		X										
		WW-SB-205 (28-30)		X				X		X	X		X										
WW-SB-206	Lot 16	**WW-SB-206 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X							
		WW-SB-206 (5-10)		X				X		X	X		X										
		WW-SB-206 (28-30)		X				X		X	X		X										
WW-SB-207	Lot 16	**WW-SB-207 (0.4-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X							
		WW-SB-207 (7-10)		X				X		X	X		X										
		WW-SB-207 (68-70)		X				X		X	X		X										
WW-SB-208	Lot 16	**WW-SB-208 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X										
		WW-SB-208 (23-25)		X				X		X	X		X										
		WW-SB-208 (38-40)		X				X		X	X		X										
WW-SB-209	Lot 16	**WW-SB-209 (0-5)**	Evaluate soil quality within the footprint of former oil seperators	X				X		X	X		X	X	X	X							
		WW-SB-209 (5-10)		X				X		X	X		X										
		WW-SB-209 (10-15)		X				X		X	X		X										
		WW-SB-209 (40-45)		X				X		X	X		X										
WW-SB-210	Lot 30	**WW-SB-210 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X					X		
		WW-SB-210 (5-10)		X																	X	X	
		WW-SB-210 (10-15)						X		X	X		X										
		WW-SB-210 (7-10)		X				X		X	X		X										
WW-SB-211	Lot 30	**WW-SB-211 (0.5-5)**	Evaluate soil quality within the footprint of a former tar separating tank	X				X		X	X		X	X	X	X							
		WW-SB-211 (5-10)		X				X		X	X		X										
		WW-SB-211 (10-12)		X				X		X	X		X										
		WW-SB-211 (30-35)		X				X		X	X		X										
WW-SB-212	Lot 30	**WW-SB-212 (1.5-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X							X			
		WW-SB-212 (10-15)		X				X		X	X		X										
		WW-SB-212 (75-76)		X				X		X	X		X										

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-213	Lot 30	WW-SB-213 (0-5)	Evaluate soil quality within a former seperator	X				X		X	X		X	X	X	X							
		WW-SB-213 (5-10)		X				X		X	X		X										
		WW-SB-213 (20-25)		X				X		X	X		X										
		WW-SB-213 (35-40)		X				X		X	X		X										
WW-SB-214	Lot 30	WW-SB-214 (0.5-5)	Evaluate soil quality within a former tar tank	X				X		X	X		X	X	X	X					X		
		WW-SB-214 (5-10)		X				X		X	X		X										
		WW-SB-214 (10-13)		X				X		X	X		X										
		WW-SB-214 (30-35)		X				X		X	X		X										
WW-SB-215	Lot 30	WW-SB-215 (0-5)	Evaluate soil quality within a former tar tank	X				X		X	X		X	X	X	X							
		WW-SB-215 (5-10)		X				X		X	X		X										
		WW-SB-215 (15-20)		X				X		X	X		X										
		WW-SB-215 (35-40)		X				X		X	X		X										
WW-SB-216	Lot 30	WW-SB-216 (0-5)	Evaluate soil quality within a former tar tank	X				X		X	X		X	X	X	X							
		WW-SB-216 (20-25)		X				X		X	X		X										
		WW-SB-216 (38-40)		X				X		X	X		X										
WW-SB-217	Lot 30	WW-SB-217 (0-5)	Evaluate soil quality within a former tar tank	X				X		X	X		X	X	X	X							
		WW-SB-217 (5-10)		X				X		X	X		X										
		WW-SB-217 (20-25)		X				X		X	X		X										
		WW-SB-217 (40-45)		X				X		X	X		X										
WW-SB-218	Lot 30	WW-SB-218 (0-5)	Evaluate soil quality within a former tar tank	X				X		X	X		X	X	X	X							
		WW-SB-218 (5-10)		X				X		X	X		X										
		WW-SB-218 (15-20)		X				X		X	X		X										
		WW-SB-218 (35-40)		X				X		X	X		X										
WW-SB-219	Lot 30	WW-SB-219 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-219 (5-10)		X				X		X	X		X										
		WW-SB-219 (10-15)		X				X		X	X		X										
		WW-SB-219 (35-40)		X				X		X	X		X										
WW-SB-220	Lot 30	WW-SB-220 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-220 (5-10)		X				X		X	X		X										
		WW-SB-220 (15-20)		X				X		X	X		X										
		WW-SB-220 (35-40)		X				X		X	X		X										
WW-SB-221	Lot 30	WW-SB-221 (0-5)	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X					X		
		WW-SB-221 (8-10)		X				X		X	X		X										
		WW-SB-221 (15-18)		X				X		X	X		X										
		WW-SB-221 (67-70)		X				X		X	X		X										
WW-SB-222	Lot 30	WW-SB-222 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-222 (8-10)		X				X		X	X		X										
		WW-SB-222 (11-15)		X				X		X	X		X										
		WW-SB-222 (48-50)		X				X		X	X		X										
WW-SB-223	Lot 30	WW-SB-223 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-223 (7-10)		X				X		X	X		X										
		WW-SB-223 (16-20)		X				X		X	X		X										
		WW-SB-223 (42-45)		X				X		X	X		X										
WW-SB-224	Lot 30	WW-SB-224 (0.5-5)	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X					X		
		WW-SB-224 (5-10)		X				X		X	X		X									X		
		WW-SB-224 (15-20)		X				X		X	X		X									X		
		WW-SB-224 (35-40)		X				X		X	X		X											
WW-SB-225	Lot 30	WW-SB-225 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-225 (5-10)		X				X		X	X		X										
		WW-SB-225 (20-25)		X				X		X	X		X										
WW-SB-226	Lot 30	WW-SB-226 (0-5)	Evaluate soil quality within a former gas oil tank	X				X		X	X		X	X	X	X							
		WW-SB-226 (5-10)		X				X		X	X		X										
		WW-SB-226 (35-40)		X				X		X	X		X										

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-227	Lot 30	**WW-SB-227 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X					X	
WW-SB-228	Lot 30	**WW-SB-228 (0-5)**	Evaluate soil quality within a former iron tar tank	X				X		X	X		X	X	X	X					X	
		WW-SB-228 (5-10)		X				X		X	X		X									
		WW-SB-228 (15-20)		X				X		X	X		X									
		WW-SB-228 (40-45)		X				X		X	X		X									
WW-SB-229	Lot 30	**WW-SB-229 (0-5)**	Evaluate soil quality within a former iron tar tank	X				X		X	X		X	X	X	X						
		WW-SB-229 (15-20)		X				X		X	X		X									
		WW-SB-229 (40-45)		X				X		X	X		X									
WW-SB-230	Lot 30	**WW-SB-230 (0-5)**	Evaluate soil quality within a former wooden tar tank	X				X		X	X		X	X	X	X						
		WW-SB-230 (5-8)		X				X		X	X		X									
		WW-SB-230 (15-20)		X				X		X	X		X									
		WW-SB-230 (34-35)		X				X		X	X		X									
WW-SB-231	Lot 30	**WW-SB-231 (0-5)**	Evaluate soil quality within a former wooden tar tank	X				X		X	X		X	X	X	X						
		WW-SB-231 (20-25)		X				X		X	X		X									
WW-SB-232	Lot 30	**WW-SB-232 (0-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X						
		WW-SB-232 (5-10)		X				X		X	X		X									
		WW-SB-232 (70-72)		X				X		X	X		X									
WW-SB-233	Lot 30	**WW-SB-233 (0.5-5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X				X	X	
		WW-SB-233 (5-10)		X				X		X	X		X									
		WW-SB-233 (20-22)		X				X		X	X		X									
		WW-SB-233 (35-40)		X				X		X	X		X									
WW-SB-234	Lot 30	**WW-SB-234 (0-5)**	Evaluate soil quality within a former coal shed	X				X		X	X		X	X	X	X				X	X	
		WW-SB-234 (5-10)		X				X		X	X		X									
		WW-SB-234 (20-25)		X				X		X	X		X									
		WW-SB-234 (25-30)		X				X		X	X		X									
WW-SB-235	Lot 30	**WW-SB-235 (0-5)**	Evaluate soil quality within the footprint of a former coal shed	X				X		X	X		X	X	X	X						
		WW-SB-235 (5-10)		X				X		X	X		X									
		WW-SB-235 (70-75)		X				X		X	X		X									
WW-SB-236	Lot 16	**WW-SB-236 (0-5)**	Evaluate soil quality within the footprint of the former retort/ generator house	X				X		X	X		X	X	X	X						
		WW-SB-236 (15-16)		X				X		X	X		X									
		WW-SB-236 (39-40)		X				X		X	X		X									
WW-SB-237	Lot 16	**WW-SB-237 (0.5-5)**	Evaluate soil quality within the footprint of the former retort/ generator house	X				X		X	X		X	X	X	X				X		
		WW-SB-237 (17-19)		X				X		X	X		X									
		WW-SB-237 (23-25)		X				X		X	X		X	X	X	X				X		
WW-SB-238	Lot 16	**WW-SB-238 (0.4-5)**	Evaluate soil quality within the footprint of the former retort/ generator house	X				X		X	X		X	X	X	X					X	
		WW-SB-238 (6-9)		X				X		X	X		X									
		WW-SB-238 (11-13)		X				X		X	X		X									
		WW-SB-238 (28-30)		X				X		X	X		X									
WW-SB-239	Lot 16	**WW-SB-239 (0.5-2)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X				X		
		WW-SB-239 (5-7)		X				X		X	X		X									
		WW-SB-239 (54-55)		X				X		X	X		X									
WW-SB-240	Lot 16	**WW-SB-240 (0.5-4.5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X						
		WW-SB-240 (15-16)		X				X		X	X		X									
		WW-SB-240 (49-50)		X				X		X	X		X									
WW-SB-241	Lot 16	**WW-SB-241 (0.5-3.5)**	Evaluate soil quality within the footprint of the Site	X				X		X	X		X	X	X	X						
		WW-SB-241 (13-15)		X				X		X	X		X									
		WW-SB-241 (39-40)		X				X		X	X		X									
WW-SB-242	North 12th Street	**WW-SB-242 (0-5)**	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						
		WW-SB-242 (8-14)		X				X		X	X		X									
		WW-SB-242 (25-30)		X				X		X	X		X									
WW-SB-243	North 12th Street	**WW-SB-243A (0-5)**	Evaluate soil quality at oil pipes	X				X		X	X		X	X	X	X						
		WW-SB-243B (10-15)		X				X		X	X		X									
		WW-SB-243B (30-35)		X				X		X	X		X									

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SB-244	North 12th Street	WW-SB-244A (0-5)	Evaluate soil quality offsite	X				X		X	X		X	X	X	X							
		WW-SB-244B (20-25)		X				X		X	X		X										
		WW-SB-244B (35-40)		X				X		X	X		X										
WW-SB-245	North 12th Street	WW-SB-245A (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						X	
		WW-SB-245B (5-10)		X				X		X	X		X									X	
		WW-SB-245B (35-40)		X				X		X	X		X										
WW-SB-246	North 12th Street	WW-SB-246A (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						X	
		WW-SB-246B (10-13)		X				X		X	X		X										
		WW-SB-246B (25-30)		X				X		X	X		X										
WW-SB-247	North 12th Street	WW-SB-247A (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X							
		WW-SB-247B (10-15)		X				X		X	X		X										
		WW-SB-247B (35-40)		X				X		X	X		X										
WW-SB-248	North 12th Street	WW-SB-248A (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						X	
		WW-SB-248B (5-14)		X				X		X	X		X									X	
		WW-SB-248B (20-25)		X				X		X	X		X										
WW-SB-249	North 12th Street	WW-SB-249A (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						X	
		WW-SB-249B (15-20)		X				X		X	X		X									X	
		WW-SB-249A (10-25)		X				X		X	X		X										
		WW-SB-249B (30-35)		X				X		X	X		X										
WW-SB-250	North 12th Street	WW-SB-250 (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X							
WW-SB-251	Lot 30	WW-SB-251 (0-5)	Evaluate soil quality at oil pipes	X				X		X	X		X	X	X	X							
		WW-SB-251 (6-9)		X				X		X	X		X									X	
		WW-SB-251 (13-14)		X				X		X	X		X										
		WW-SB-251 (23-25)		X				X		X	X		X										
WW-SB-252	Lot 30	WW-SB-252 (0-5)	Evaluate soil quality at oil pipes	X				X		X	X		X	X	X	X							
		WW-SB-252 (5-10)		X				X		X	X		X										
		WW-SB-252 (10-15)		X				X		X	X		X										
		WW-SB-252 (25-30)		X				X		X	X		X										
WW-SB-253	North 11th Street	WW-SB-253 (0-5)	Evaluate soil quality offsite at oil pipes	X				X		X	X		X	X	X	X						X	
		WW-SB-253 (10-15)		X				X		X	X		X									X	
		WW-SB-253 (25-30)		X				X		X	X		X										
WW-SB-254	Lot 16	WW-SB-254 (0.6-5)	Evaluate soil quality within the footprint of the iron gas tank	X				X		X	X		X	X	X	X							
		WW-SB-254 (16-18)		X				X		X	X		X										
		WW-SB-254 (43-45)		X				X		X	X		X										
Test Pit Sample Locations																							
WW-TP-200C-10	Parcel 4	WW-TP-200C-10	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.	X				X		X	X		X									X	
WW-TP-202B-12	Parcel 4	WW-TP-202B-12	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.					X		X	X		X									X	
WW-TP-202A-10	Parcel 4	WW-TP-202A-10	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.	X				X		X	X		X									X	
WW-TP-202C-10	Parcel 4	WW-TP-202C-10	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.					X		X	X		X									X	
WW-TP-201B-10.5	Parcel 4	WW-TP-201B-10.5	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.	X				X		X	X		X									X	
WW-TP-203A-2.5	North 12th Street, closest to the East River	WW-TP-203A-2.5	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.					X		X	X		X									X	

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-TP-203B-14	Parcel 4	**WW-TP-203B-14**	Evaluate the location, depth, configuration, contents, and soil quality of a former oil conduit.	X				X		X	X		X								X	X	
Sediment Sample Locations																							
WW-SED-01	East River, west of the Site	**WW-SED-01 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-01 (1-2)	Evaluate sediment quality at the depth with the highest VOC reading and tar-like staining	X				X		X	X		X	X	X	X							
		WW-SED-01 (19.5-20)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-02	East River, west of the Site	**WW-SED-02 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-02 (4-5)	Evaluate sediment quality at the depth with the highest VOC reading and tar-like staining	X				X		X	X		X	X	X	X							
		WW-SED-02 (11-12)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-03	East River, west of the Site	**WW-SED-03 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-03 (9-10)	Evaluate sediment quality at the depth with the highest VOC reading and tar-like coating	X				X		X	X		X	X	X	X							
		WW-SED-03 (16.5-17)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-04	East River, west of the Site	**WW-SED-04 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-04 (3-4)	Evaluate sediment quality at the depth with the highest VOC reading and tar-like coating	X				X		X	X		X	X	X	X							
		WW-SED-04 (16.75-17.3)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-05	East River, west of the Site	**WW-SED-05 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-05 (4.5-5)	Evaluate sediment quality at the depth with the highest VOC reading, sheen, and tar-like coating	X				X		X	X		X	X	X	X							
		WW-SED-05 (19.5-20)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-06	East River, west of the Site	**WW-SED-06 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-06 (9-10)	Evaluate sediment quality at the depth with the highest VOC reading and tar saturation	X				X		X	X		X	X	X	X							
		WW-SED-06 (15-18.5)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-07	East River, west of the Site	**WW-SED-07 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X							
		WW-SED-07 (4-4.5)	Evaluate sediment quality at the depth with the highest VOC reading	X				X		X	X		X	X	X	X							
		WW-SED-07 (15-15.7)	Evaluate sediment quality below the greatest impacts and at the termination of boring	X				X		X	X		X	X	X	X							
WW-SED-08	East River, west of the Site	**WW-SED-08 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-08 (26.5-27.5)	Evaluate sediment quality at the depth with naphthalene-like odor, sheen, and tar staining	X				X		X	X		X										
		WW-SED-08 (62-63)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										

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Sample I.D.	Sample Location	Laboratory Sample Description (Sample Depth Feet)	Sample Rationale	Number of Samples			VOCs (EPA 8260C)	VOCs (EPA 8260B)	SVOCs (EPA 8270D)	SVOCs (EPA 8270C)	TAL Metals (6000/7000)	TAL Metals and Tin (6000/7000)	Cyanide[1]	Herbicides (EPA 8151A)	PCBs (EPA 8082)	Pesticides (EPA 8081A)	Ammonia (EPA 350.1)	TOC (EPA 9060)	VOCs (EPA TO-15)	PFAS	TPH	Forensics	Helium (D1946)
				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SED-09	East River, west of the Site	**WW-SED-09 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-09 (23.5-24)	Evaluate sediment quality at the depth with naphthalene-like odor and tar staining	X				X		X	X		X										
		WW-SED-09 (39.5-40)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-10	East River, west of the Site	**WW-SED-10 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-10 (20-21)	Evaluate sediment quality at the depth with naphthalene-like odor and tar-like staining	X				X		X	X		X										
		WW-SED-10 (63-64)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-11	East River, west of the Site	**WW-SED-11 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-11 (22-23)	Evaluate sediment quality at the depth with naphthalene-like odor and tar-like staining	X				X		X	X		X										
		WW-SED-11 (58-59)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-12	East River, west of the Site	**WW-SED-12 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-12 (22-23)	Evaluate sediment quality at the interface of the sediment deposits and the native material	X				X		X	X		X										
		WW-SED-12 (79.5-80)	Evaluate sediment quality at the completion of the boring	X				X		X	X		X										
WW-SED-13	East River, west of the Site	**WW-SED-13 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-13 (24-24.5)	Evaluate sediment quality at the depth with naphthalene-like odor and tar-like sheen and staining	X				X		X	X		X										
		WW-SED-13 (54.5-55)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-14	East River, west of the Site	**WW-SED-14 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-14 (16-17)	Evaluate sediment quality at the depth with naphthalene-like odor and sheen	X				X		X	X		X										
		WW-SED-14 (52.5-53)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-15	East River, north of the Site	**WW-SED-15 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-15 (15.5-16)	Evaluate sediment quality at the depth with petroleum-like odor and sheen	X				X		X	X		X										
		WW-SED-15 (41.5-42)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-16	East River, north of the Site	**WW-SED-16 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-16 (27-28)	Evaluate sediment quality at the interface of the sediment deposits and the native material with highest PID reading	X				X		X	X		X										
		WW-SED-16 (64-64.5)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
WW-SED-17	East River, west of the Site	**WW-SED-17 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-17 (33.5-34.5)	Evaluate sediment quality at the interface of the sediment deposits and the native material with chemical/fruit-like odor	X				X		X	X		X										
		WW-SED-17 (53-54)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										
WW-SED-18	East River, west of the Site	**WW-SED-18 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-18 (18.5-19)	Evaluate sediment quality at the depth with petroleum-like odor	X				X		X	X		X										
		WW-SED-18 (83.5-84)	Evaluate sediment quality at the completion of the boring	X				X		X	X		X										
WW-SED-19	East River, west of the Site	**WW-SED-19 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-19 (41.2-41.5)	Evaluate sediment quality at the depth with naphthalene-like odor, tar-like staining, and coating	X				X		X	X		X										
		WW-SED-19 (74.5-75)	Evaluate sediment quality at the completion of the boring	X				X		X	X		X										
WW-SED-20	East River, west of the Site	**WW-SED-20 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-20 (42-42.5)	Evaluate sediment quality at the depth with naphthalene-like odor, sheen, and tar staining	X				X		X	X		X										
		WW-SED-20 (58.5-59)	Evaluate sediment quality at the completion of the boring	X				X		X	X		X										
WW-SED-21	East River, west of the Site	**WW-SED-21 (0-0.5)**	Evaluate sediment quality of the shallow subsurface	X				X		X	X		X	X	X	X		X					
		WW-SED-21 (37.5-38)	Evaluate sediment quality at the depth with the highest PID reading	X				X		X	X		X										
		WW-SED-21 (46.5-47)	Evaluate sediment quality above the suspected confining clay layer	X				X		X	X		X										

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				Soil	Groundwater	Soil Vapor/ Indoor Air/ Outdoor Air																	
Soil Vapor Sample Locations																							
WW-SV-01	Parcel 1, within the gas holder footprint	**WW-SV-01**	Evaluate the potential for soil vapor intrusion into the Parcel 1 building and the soil vapor conditions within the former gasometer footprint			X													X				X
WW-SV-02	Parcel 1, within the gas holder footprint	**WW-SV-02**	Evaluate the potential for soil vapor intrusion into the Parcel 1 building and the soil vapor conditions within the former gasometer footprint			X													X				X
WW-SB-200	Parcel 3	**WW-SV-200**	Evaluate the subsurafe soil vapor concentrations			X													X				
WW-SV-201	Parcel 3	**WW-SV-201**	Evaluate the subsurafe soil vapor concentrations			X													X				
WW-SV-202	Parcel 3	**WW-SV-202**	Evaluate the subsurafe soil vapor concentrations			X													X				
WW-SV-203	Parcel 3	**WW-SV-203**	Evaluate the subsurafe soil vapor concentrations			X													X				
WW-SV-204	Parcel 4	**WW-SV-204**	Evaluate the subsurafe soil vapor concentrations			X													X				
WW-SB-205	Parcel 4	**WW-SB-205**	Evaluate the subsurafe soil vapor concentrations			X													X				
AA-01	Parcel 3	**AA-01**	Evaluate the subsurafe soil vapor concentrations			X													X				
Indoor Air Sample Locations																							
WW-IA-01	Parcel 1, inside warehouse building	**WW-IA-01**	Evaluate indoor air quality and potential soil vapor intrusion into on-site buildings			X													X				
WW-IA-02	Parcel 1, inside warehouse building	**WW-IA-02**	Evaluate indoor air quality and potential soil vapor intrusion into on-site buildings			X													X				
Outdoor Air Sample Locations																							
WW-OA-01	Corner of Kent Avenue and North 12th Street	**WW-OA-01**	Evaluate outdoor air concentrations and the potential to influence indoor air quality			X													X				

Notes:
Chemical analysis test methods specified are from U.S. EPA SW-846 test methods
EPA TO-15 analysis includes VOCs and naphthalene
EPA - Environmental Protection Agency
VOC - volatile organic compounds
SVOC - semivolatile organic compounds
TAL - target analyte list
PCBs - polychlorinated biphenyls
bgs - below ground surface
[1]-Soils were analyzed by Free Cyanide [extraction by EPA Method 9013A and analysis by Microdiffusion American Society for Testing and Materials (ASTM)], water was analyzed by Total Cyanide EPA Method 9012B and 9014

Table 2. Monitoring Well Construction Data
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Well ID	Lithology of Screened Interval	Screen Interval Depth (feet bgs)		Screen Interval Elevation (feet)		Top of Casing Elevation (feet)	Center of Well Screen Elevation (feet)	Borehole Diameter (inches)	Sand Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Sump Interval (feet bgs)	Installation Method
		Top	Bottom	Top	Bottom							
WW-MW-01	Intervals of Silty Sand (SM), Widely Graded Gravel With Sand (GW), Widely Graded Sand With Gravel (SW), and Widely Graded Sand (SW)	13	23	8.37	-1.63	21.05	3.37	6	11 - 25	1 - 11	23 - 25	Hollow Stem Auger
WW-MW-02	Intervals of Widely Graded Sand (SW), Narrowly Graded Sand (SP), Widely Graded Sand with Silt (SW-SM), and Sandy Silt (ML)	7.4	17.4	11.63	1.63	18.59	6.63	6	5 - 17.7	3 - 5	-	Hollow Stem Auger
WW-MW-03	Intervals of Widely Graded Sand (SW) and Widely Graded Sand with Silt (SW-SM)	4	14	10.00	0	13.69	5	6	2.5 - 16	0.5 - 2.5	14 - 16	Hollow Stem Auger
WW-MW-04	Intervals of Silt With Gravel (ML), Narrowly Graded Sand (SP), Silty Sand (SM), and Widely Graded Sand (SW)	10	20	3.36	-6.64	12.71	-1.64	6	8 - 22	6 - 8	20 - 22	Hollow Stem Auger
WW-MW-05	Intervals of Widely Graded Sand (SW) and Widely Graded Sand with Silt (SW-SM)	4	14	8.70	-1.3	12.05	3.7	6	2 - 14	1 - 2	14 - 16	Hollow Stem Auger
WW-MW-06	Intervals of Widely Graded Sand (SW), Silty Sand (SM), and Widely Graded Sand with Silt (SW-SM)	0.3	10.3	11.88	1.88	11.81	6.88	6	0.4 - 12.3	-	10.3 - 12.3	Hollow Stem Auger
WW-MW-07	Widely Graded Sand (SW)	1	11	11.35	1.35	11.84	6.35	6	1.1 - 13	-	11 - 13	Hollow Stem Auger
WW-MW-08	Intervals of Widely Graded Sand with Gravel (SW), Widely Graded Sand with Silt (SW-SM), and Widely Graded Sand (SW)	0.3	10.3	9.87	-0.13	9.89	4.87	6	0.4 - 12.3	-	10.3 - 12.3	Hollow Stem Auger
WW-MW-10[1]	Intervals of Widely Graded Sand (SW) and Widely Graded Sand with Silt (SW-SM)	4	14	4.11	-5.89	7.67	-0.89	6	3 - 16	1 - 3	14 - 16	Geoprobe
WW-MW-11[1]	Intervals of Widely Graded Gravel with Sand (GW) and Widely Graded Sand with Gravel (SW)	4	14	5.20	-4.8	8.72	0.2	3.25	3 - 16	1 - 3	14 - 16	Geoprobe
WW-MW-12[1]	Intervals of Widely Graded Sand with Gravel (SW) and Widely Graded Gravel with Sand (GW)	5	15	2.89	-7.11	7.42	-2.11	3.25	4 - 17	2 - 4	15 - 17	Geoprobe
WW-MW-13[1]	Intervals of Widely Graded Gravel with Sand (GW) and Silt with Sand (ML)	4	14	3.26	-6.74	6.89	-1.74	3.25	3 - 16	1 - 3	14 - 16	Geoprobe
WW-MW-14[1]	Widely Graded Sand with Gravel (GW)	4	14	2.75	-7.25	6.38	-2.25	3.25	3 - 16	1 - 3	14 - 16	Geoprobe
WW-MW-15[1]	Intervals of Widely Graded Sand with Gravel (SW), Widely Graded Sand (SW), and Silty Sand (SM)	4	14	2.35	-7.65	5.94	-2.65	3.25	3 - 16	1 - 3	14 - 16	Geoprobe
WW-MW-16	Intervals of Silty Sand (SM), Widely Graded Sand with Gravel (SW), Widely Graded Sand (SW), and Silty Sand	4	14	6.06	-3.94	9.73	1.06	6	3 - 17	1 - 3	14 - 16	Hollow Stem Auger
WW-MW-17	Silty Sand (SM)	4	14	7.79	-2.21	11.25	2.79	6	2 - 15	1 - 2	14 - 16	Hollow Stem Auger
WW-MW-18	Intervals of Narrowly Graded Sand with Silt (SP-SM), Widely Graded Sand with Silt (SM), and Widely Graded Sand (SW)	4	14	4.87	-5.13	8.5	-0.13	6	3 - 14	1 - 3	-	Sonic
WW-MW-19	Intervals of Narrowly Graded Sand with Silt (SP-SM), Organic Soil with Sand (OL), and Wood	4	14	3.39	-6.61	6.83	-1.61	6	3 - 14	1 - 3	-	Sonic
WW-MW-20	Intervals of Silty Sand (SM) and Widely Graded Sand with Silt (SW-SM)	6	16	10.17	0.17	15.49	5.17	6	5 - 16	3 - 5	-	Sonic
WW-MW-21	Intervals of Silt with Sand (ML), Silty Sand (SM), Silt (ML), and Narrowly Graded Sand with Silt (SP-SM)	8	18	2.98	-7.02	10.72	-2.02	6	6 - 20	4 - 6	18 - 20	Sonic
WW-MW-22	Intervals of Widely Graded Sand with Gravel (SW), Widely Graded Sand with Silt (SW-SM), and Clayey Sand (SC)	4	14	3.38	-6.62	7.1	-1.62	6	3 - 16	2 - 3	14 - 16	Sonic

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Well ID	Lithology of Screened Interval	Screen Interval Depth (feet bgs)		Screen Interval Elevation (feet)		Top of Casing Elevation (feet)	Center of Well Screen Elevation (feet)	Borehole Diameter (inches)	Sand Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Sump Interval (feet bgs)	Installation Method
		Top	Bottom	Top	Bottom							
WW-MW-200	Intervals of Narrowly Graded Gravel with Silt (GP-GM), Silt with Sand (ML), and Silty Sand (SM)	5	15	4.90	-5.1	9.52	-0.1	6	3 - 17	1 - 3	15-17	Sonic
WW-MW-200I	This well location was not logged at time of installation.	35	45	-25.04	-35.04	9.71	-30.04	6	2 - 47	1 -3	45 - 47	
WW-MW-200D	Interval of Silty Gravel (GM) with Narrowly Graded Sand with Gravel (SP), Narrowly Graded Sand (SP), Sandy Silt (ML), Silty Sand (SM), Sandy Silt with Gravel (ML), Narrowly Graded Gravel with Silt and Sand (GP-GM) and Lean Clay (CL).	58	68	-48.07	-58.07	9.63	-53.07	6	2 - 70	1 - 3	68 - 70	Sonic
WW-MW-201	Intervals of Silty Sand with Gravel (SM) and Silty Gravel with Sand (GM)	8	18	3.71	-6.29	11.25	-1.29	6	6 - 20	2 - 4	18 - 20	Sonic
WW-MW-201I	This well location was not logged at time of installation.	40	50	-28.26	-38.26	11.42	-33.26	6	2 - 52	1 - 3	50 - 52	Sonic
WW-MW-201D	Intervals of Silty Sand (SM), Narrowly Graded Sand with Gravel (SP), Silt (ML), Narrowly Graded Sand (SP), Elastic Silt (MH), and Lean Clay (CL).	60	70	-48.31	-58.31	11.44	-53.31	6	2 - 72	1 - 3	70 - 72	Sonic
WW-MW-202	Intervals of Silt with Sand (ML), Silty Sand with Gravel (SM), and Narrowly Graded Sand with Gravel (SP)	7	22	-0.42	-10.42	11.00	-5.42	6	5 - 30	3 - 5	22 - 24	Sonic
WW-MW-202I	This well location was not logged at time of installation.	38	48	-26.41	-36.41	11.26	-31.41	6	2 - 50	1 - 3	48 - 50	Sonic
WW-MW-202D	Intervals of Widely Graded Sand (SW), Sandy Silt (ML), Widely Graded Sand with Gravel (SW), Widely Graded Sand with Silt (SW-SM), Narrowly Graded Sand (SP), Narrowly Graded Sand with Silt (SP-SM), Silt (ML) and Lean Clay (CL).	67	77	-55.41	-65.41	11.26	-60.41	6	2 - 79	1 - 3	77 - 79	Sonic
WW-MW-203	Intervals of Widely Graded Gravel (GW), Silty Gravel with Sand (GM), and Silt with Sand (ML)	5	15	6.59	-3.41	11.23	1.59	6	3 - 17	1 - 3	15-17	Sonic
WW-MW-203I	This well location was not logged at time of installation.	35	45	-23.40	-33.4	11.31	-28.4	6	2 - 47	1 - 3	45-47	Sonic
WW-MW-203D	Intervals of Narrowly Graded Gravel (GP), Narrowly Graded Gravel with Sand (GP), Elastic Silt (MH), Silt (ML), Gravelly Elastic Silt (MH), Lean Clay (CL), Boulders and Cobbles, Narrowly Graded Sand with Clay (SP-SC), Narrowly Graded Sand with Silt (SP-SM), Narrowly Graded Sand with Gravel (SP), Narrowly Graded Sand (SP) and Widely Graded Sand with Gravel (SW).	65	75	-53.35	-63.35	11.13	-58.35	6	2 - 77	1 - 3	75 - 77	Sonic
WW-MW-204	Silty Sand (SM)	5	15	4.89	-5.11	9.22	-0.11	6	3 - 17	1 - 3	15-17	Sonic
WW-MW-204I	This well location was not logged at time of installation.	38	48	-28.16	-38.16	9.45	-33.16	6	2 - 50	1 - 3	48 - 50	Sonic
WW-MW-204D	Intervals of Silty Sand with Gravel (SM), Sandy Silt with Gravel (ML), Sandy Silt (ML), Narrowly Graded Sand (SP) and Lean Clay (CL).	54	64	-44.10	-54.1	9.42	-49.1	6	2 - 66	1 - 3	64 - 66	Sonic
WW-MW-205	Intervals of Silty Sand with Gravel (SM), Widely Graded Gravel with Silt and Sand (GW-GM), and Sandy Silt with Gravel (ML)	3	13	6.97	-3.03	9.41	1.97	6	1.5 - 15	1 - 1.5	13 - 15	Sonic
WW-MW-205I	This well location was not logged at time of installation.	35	45	-25.00	-35	9.53	-30	6	2 - 47	1 - 3	45 - 47	Sonic
WW-MW-205D	Intervals of Narrowly Graded Sand with Gravel (SP), Narrowly Graded Sand (SP) and Lean Clay (CL).	68	78	-58.06	-68.06	9.68	-63.06	6	2 - 80	1 - 3	78 - 80	Sonic
WW-MW-206	Intervals of Widely Graded Sand with Silt and Gravel (SW-SM), Widely Graded Gravel with Sand (GW-GM), and Silty Sand (SM)	4	14	6.09	-3.91	9.84	1.09	6	2 - 16	1 - 2	14 - 16	Sonic
WW-MW-206I	This well location was not logged at time of installation.	30	40	-19.89	-29.89	9.88	-24.89	6	2 - 42	1 - 3	40 - 42	Sonic
WW-MW-206D	Intervals of Sandy Silt (ML), Narrowly Graded Gravel (GP), Narrowly Graded Sand with Gravel (SP), Narrowly Graded Sand with Silt (SP-SM) and Lean Clay (CL).	40	50	-29.86	-39.86	9.92	-34.86	6	2 - 52	1 - 3	50 - 52	Sonic
WW-MW-207	Intervals of Concrete and Silty Sand with Gravel (SM)	6	16	5.73	-4.27	11.15	0.73	6	4 - 18	2 - 4	16 - 18	Sonic

Table 2. Monitoring Well Construction Data
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Well ID	Lithology of Screened Interval	Screen Interval Depth (feet bgs)		Screen Interval Elevation (feet)		Top of Casing Elevation (feet)	Center of Well Screen Elevation (feet)	Borehole Diameter (inches)	Sand Filter Pack Interval (feet bgs)	Bentonite Seal Interval (feet bgs)	Sump Interval (feet bgs)	Installation Method
		Top	Bottom	Top	Bottom							
WW-MW-207I	This well location was not logged at time of installation.	35	45	-23.29	-33.29	11.39	-28.29	6	2 - 47	1 - 3	45 - 47	Sonic
WW-MW-207D	Intervals of Narrowly Graded Sand with Gravel (SP), Silt (ML), Narrowly Graded Sand (SP) and Lean Clay (CL).	60	70	-48.29	-58.29	11.43	-53.29	6	2 - 72	1 - 3	70 - 72	Sonic

Notes:
Monitoring wells were completed as 2-inch inner diameter with flush-threaded polyvinyl chloride (PVC) 0.010-inch slotted screen, solid PVC riser, and a flush-mounted protective cover. #0 sand was used for filter pack.
[1] - Lithology is assumed based on nearby borings; observations of soil encountered in this interval were not described.
Elevations in North American Vertical Datum (NAVD)
bgs - below ground surface

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 1: November 2, 2009				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide	
East River TBM	7.36			NA	NA	NA	NA	NA	NA	NA	3.09	8.79	4.27	-1.43	5.70
WW-MW-01	21.37	21.05	-0.32	25	24.68	13	23	8.37	-1.63	2	14.68	14.65	6.37	6.40	-0.03
WW-MW-02	19.03	18.59	-0.44	17.7	17.26	7.4	17.4	11.63	1.63	2	11.68	11.66	6.91	6.93	-0.02
WW-MW-03	14	13.69	-0.31	16	15.69	4	14	10.00	0.00	2	7.56	7.51	6.13	6.18	-0.05
WW-MW-04	13.36	12.71	-0.65	22	21.35	10	20	3.36	-6.64	2	5.37	5.35	7.34	7.36	-0.02
WW-MW-05	12.7	12.05	-0.65	16	15.35	4	14	8.70	-1.30	2	4.61	4.52	7.44	7.53	-0.09
WW-MW-06	12.18	11.81	-0.37	12.3	11.93	0.3	10.3	11.88	1.88	2	4.07	4.00	7.74	7.81	-0.07
WW-MW-07	12.35	11.84	-0.51	13	12.49	1	11	11.35	1.35	2	2.26	2.30	9.58	9.54	0.04
WW-MW-08	10.17	9.89	-0.28	12.3	12.02	0.3	10.3	9.87	-0.13	2	4.08	3.99	5.81	5.90	-0.09
WW-MW-10	8.11	7.67	-0.44	16	15.56	4	14	4.11	-5.89	2	3.82	3.96	3.85	3.71	0.14
WW-MW-11	9.2	8.72	-0.48	16	15.52	4	14	5.20	-4.80	2	5.88	5.84	2.84	2.88	-0.04
WW-MW-12	7.89	7.42	-0.47	17	16.53	5	15	2.89	-7.11	2	4.75	4.62	2.67	2.80	-0.13
WW-MW-13	7.26	6.89	-0.37	16	15.63	4	14	3.26	-6.74	2	4.19	5.74	2.70	1.15	1.55
WW-MW-14	6.75	6.38	-0.37	16	15.63	4	14	2.75	-7.25	2	2.46	5.51	3.92	0.87	3.05
WW-MW-15	6.35	5.94	-0.41	16	15.59	4	14	2.35	-7.65	2	3.00	4.80	2.94	1.14	1.80
WW-MW-16	10.06	9.73	-0.33	16	15.67	4	14	6.06	-3.94	2	3.02	3.00	6.71	6.73	-0.02
WW-MW-17	11.79	11.25	-0.54	16	15.46	4	14	7.79	-2.21	2	4.50	4.50	6.75	6.75	0.00
WW-MW-18	8.72	8.50	-0.22	14	13.78	4	14	4.72	-5.28	2	--	--	--	--	--
WW-MW-19	7.13	6.83	-0.3	14	13.7	4	14	3.13	-6.87	2	--	--	--	--	--
WW-MW-20	16.13	15.49	-0.64	16	15.36	6	16	10.13	0.13	2	--	--	--	--	--
WW-MW-21	10.98	10.72	-0.26	20	19.74	8	18	2.98	-7.02	2	--	--	--	--	--
WW-MW-22	7.38	7.10	-0.28	16	15.72	4	14	3.38	-6.62	2	--	--	--	--	--
WW-MW-100I	11.04	10.51	-0.53	58.5	57.97	46.5	56.5	-35.46	-45.46	2	--	--	--	--	--
WW-MW-102I	11.64	11.07	-0.57	61	60.43	49	59	-37.36	-47.36	2	--	--	--	--	--
WW-MW-102D	11.73	10.98	-0.75	102	101.25	92	102	-80.27	-90.27	2	--	--	--	--	--
WW-MW-200	9.90	9.52	-0.38	17	16.62	5	15	4.90	-5.10	2	--	--	--	--	--
WW-MW-200I	9.96	9.71	-0.25	47	46.75	35	45	-25.04	-35.04	2					
WW-MW-200D	9.93	9.63	-0.30	70	69.70	58	68	-48.07	-58.07	2					
WW-MW-201	11.71	11.25	-0.46	20	19.54	8	18	3.71	-6.29	2	--	--	--	--	--
WW-MW-201I	11.74	11.42	-0.32	52	51.68	40	50	-28.26	-38.26	2					
WW-MW-201D	11.69	11.42	-0.27	72	71.73	60	70	-48.31	-58.31	2					
WW-MW-202	11.58	11.00	-0.58	24	23.42	12	22	-0.42	-10.42	2	--	--	--	--	--
WW-MW-202I	11.59	11.26	-0.33	50	49.67	38	48	-26.41	-36.41	2					
WW-MW-202D	11.59	11.26	-0.33	79	78.67	67	77	-55.41	-65.41	2					
WW-MW-203	11.59	11.23	-0.36	17	16.64	5	15	6.59	-3.41	2	--	--	--	--	--
WW-MW-203I	11.60	11.31	-0.29	47	46.71	35	45	-23.40	-33.40	2					
WW-MW-203D	11.65	11.13	-0.52	77	76.48	65	75	-53.35	-63.35	2					
WW-MW-204	9.89	9.22	-0.67	17	16.33	5	15	4.89	-5.11	2	--	--	--	--	--
WW-MW-204I	9.84	9.45	-0.39	50	49.61	38	48	-28.16	-38.16	2					
WW-MW-204D	9.90	9.42	-0.48	66	65.52	54	64	-44.10	-54.10	2					

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 1: November 2, 2009				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide	
WW-MW-205	9.97	9.41	-0.56	15	14.44	3	13	6.97	-3.03	2	--	--	--	--	--
WW-MW-205I	10.00	9.53	-0.47	47	46.53	35	45	-25.00	-35.00	2					
WW-MW-205D	9.94	9.68	-0.26	80	79.74	68	78	-58.06	-68.06	2					
WW-MW-206	10.09	9.84	-0.25	16	15.75	4	14	6.09	-3.91	2	--	--	--	--	--
WW-MW-206I	10.11	9.88	-0.23	42	41.77	30	40	-19.89	-29.89	2					
WW-MW-206D	10.14	9.92	-0.22	52	51.78	40	50	-29.86	-39.86	2					
WW-MW-207	11.73	11.15	-0.58	18	17.42	6	16	5.73	-4.27	2	--	--	--	--	--
WW-MW-207I	11.71	11.39	-0.32	47	46.68	35	45	-23.29	-33.29	2					
WW-MW-207D	11.71	11.43	-0.28	72	71.72	60	70	-48.29	-58.29	2					

Notes:
-- Measurement not collected. 2009 round, all wells had not been installed. 2012 round, wells could not be located.
Round 3 meausred 8 new wells in August 2022. Round 4 measured all available wells October 2022
WW-MW-14 not measure during the Round 5 event due to inaccessability
Unable to gauge WW-MW-19 in October 2022 due to Site access, and in March 2023 due to abandonment
Did not take Low Tide measurement in WW-MW-205 due to LNAPL
NA - Not Applicable
GS - Ground Surface
TOC - Top of Casing
Elevations in North American Vertical Datum (NAVD)

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 2: December 19, 2012				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide	
East River TBM	7.36			NA	NA	NA	NA	NA	NA	NA	5.30	8.68	2.06	-1.32	3.38
WW-MW-01	21.37	21.05	-0.32	25	24.68	13	23	8.37	-1.63	2	--	--	--	--	--
WW-MW-02	19.03	18.59	-0.44	17.7	17.26	7.4	17.4	11.63	1.63	2	12.21	12.20	6.38	6.39	-0.01
WW-MW-03	14	13.69	-0.31	16	15.69	4	14	10.00	0.00	2	7.85	7.82	5.84	5.87	-0.03
WW-MW-04	13.36	12.71	-0.65	22	21.35	10	20	3.36	-6.64	2	--	--	--	--	--
WW-MW-05	12.7	12.05	-0.65	16	15.35	4	14	8.70	-1.30	2	5.31	5.18	6.74	6.87	-0.13
WW-MW-06	12.18	11.81	-0.37	12.3	11.93	0.3	10.3	11.88	1.88	2	3.68	3.65	8.13	8.16	-0.03
WW-MW-07	12.35	11.84	-0.51	13	12.49	1	11	11.35	1.35	2	2.68	2.64	9.16	9.20	-0.04
WW-MW-08	10.17	9.89	-0.28	12.3	12.02	0.3	10.3	9.87	-0.13	2	4.11	4.08	5.78	5.81	-0.03
WW-MW-10	8.11	7.67	-0.44	16	15.56	4	14	4.11	-5.89	2	4.36	4.31	3.31	3.36	-0.05
WW-MW-11	9.2	8.72	-0.48	16	15.52	4	14	5.20	-4.80	2	6.04	6.03	2.68	2.69	-0.01
WW-MW-12	7.89	7.42	-0.47	17	16.53	5	15	2.89	-7.11	2	4.98	4.90	2.44	2.52	-0.08
WW-MW-13	7.26	6.89	-0.37	16	15.63	4	14	3.26	-6.74	2	5.15	5.97	1.74	0.92	0.82
WW-MW-14	6.75	6.38	-0.37	16	15.63	4	14	2.75	-7.25	2	5.16	8.94	1.22	-2.56	3.78
WW-MW-15	6.35	5.94	-0.41	16	15.59	4	14	2.35	-7.65	2	4.61	4.76	1.33	1.18	0.15
WW-MW-16	10.06	9.73	-0.33	16	15.67	4	14	6.06	-3.94	2	4.29	4.31	5.44	5.42	0.02
WW-MW-17	11.79	11.25	-0.54	16	15.46	4	14	7.79	-2.21	2	4.45	4.42	6.80	6.83	-0.03
WW-MW-18	8.72	8.50	-0.22	14	13.78	4	14	4.72	-5.28	2	2.51	2.61	5.99	5.89	0.10
WW-MW-19	7.13	6.83	-0.3	14	13.7	4	14	3.13	-6.87	2	2.68	3.98	4.15	2.85	1.30
WW-MW-20	16.13	15.49	-0.64	16	15.36	6	16	10.13	0.13	2	9.42	9.44	6.07	6.05	0.02
WW-MW-21	10.98	10.72	-0.26	20	19.74	8	18	2.98	-7.02	2	4.40	4.70	6.32	6.02	0.30
WW-MW-22	7.38	7.10	-0.28	16	15.72	4	14	3.38	-6.62	2	5.59	6.37	1.51	0.73	0.78
WW-MW-100I	11.04	10.51	-0.53	58.5	57.97	46.5	56.5	-35.46	-45.46	2	8.31	8.30	2.20	2.21	-0.01
WW-MW-102I	11.64	11.07	-0.57	61	60.43	49	59	-37.36	-47.36	2	7.12	7.11	3.95	3.96	-0.01
WW-MW-102D	11.73	10.98	-0.75	102	101.25	92	102	-80.27	-90.27	2	8.18	8.20	2.80	2.78	0.02
WW-MW-200	9.90	9.52	-0.38	17	16.62	5	15	4.90	-5.10	2	--	--	--	--	--
WW-MW-200I	9.96	9.71	-0.25	47	46.75	35	45	-25.04	-35.04	2					
WW-MW-200D	9.93	9.63	-0.30	70	69.70	58	68	-48.07	-58.07	2					
WW-MW-201	11.71	11.25	-0.46	20	19.54	8	18	3.71	-6.29	2	--	--	--	--	--
WW-MW-201I	11.74	11.42	-0.32	52	51.68	40	50	-28.26	-38.26	2					
WW-MW-201D	11.69	11.42	-0.27	72	71.73	60	70	-48.31	-58.31	2					
WW-MW-202	11.58	11.00	-0.58	24	23.42	12	22	-0.42	-10.42	2	--	--	--	--	--
WW-MW-202I	11.59	11.26	-0.33	50	49.67	38	48	-26.41	-36.41	2					
WW-MW-202D	11.59	11.26	-0.33	79	78.67	67	77	-55.41	-65.41	2					
WW-MW-203	11.59	11.23	-0.36	17	16.64	5	15	6.59	-3.41	2	--	--	--	--	--
WW-MW-203I	11.60	11.31	-0.29	47	46.71	35	45	-23.40	-33.40	2					
WW-MW-203D	11.65	11.13	-0.52	77	76.48	65	75	-53.35	-63.35	2					
WW-MW-204	9.89	9.22	-0.67	17	16.33	5	15	4.89	-5.11	2	--	--	--	--	--
WW-MW-204I	9.84	9.45	-0.39	50	49.61	38	48	-28.16	-38.16	2					
WW-MW-204D	9.90	9.42	-0.48	66	65.52	54	64	-44.10	-54.10	2					

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 2: December 19, 2012				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide	
WW-MW-205	9.97	9.41	-0.56	15	14.44	3	13	6.97	-3.03	2	--	--	--	--	--
WW-MW-205I	10.00	9.53	-0.47	47	46.53	35	45	-25.00	-35.00	2					
WW-MW-205D	9.94	9.68	-0.26	80	79.74	68	78	-58.06	-68.06	2					
WW-MW-206	10.09	9.84	-0.25	16	15.75	4	14	6.09	-3.91	2	--	--	--	--	--
WW-MW-206I	10.11	9.88	-0.23	42	41.77	30	40	-19.89	-29.89	2					
WW-MW-206D	10.14	9.92	-0.22	52	51.78	40	50	-29.86	-39.86	2					
WW-MW-207	11.73	11.15	-0.58	18	17.42	6	16	5.73	-4.27	2	--	--	--	--	--
WW-MW-207I	11.71	11.39	-0.32	47	46.68	35	45	-23.29	-33.29	2					
WW-MW-207D	11.71	11.43	-0.28	72	71.72	60	70	-48.29	-58.29	2					

Notes:
-- Measurement not collected. 2009 round, all wells had not been installed. 2012 round, wells could not be located.
Round 3 meausred 8 new wells in August 2022. Round 4 measured all available wells October 2022
WW-MW-14 not measure during the Round 5 event due to inaccessability
Unable to gauge WW-MW-19 in October 2022 due to Site access, and in March 2023 due to abandonment
Did not take Low Tide measurement in WW-MW-205 due to LNAPL
NA - Not Applicable
GS - Ground Surface
TOC - Top of Casing
Elevations in North American Vertical Datum (NAVD)

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 3: August 17, 2022					Round 4: October 6, 2022				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)	Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide		High Tide	Low Tide	High Tide	Low Tide	
East River TBM	7.36			NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--
WW-MW-01	21.37	21.05	-0.32	25	24.68	13	23	8.37	-1.63	2	--	--	--	--	--	--	--	--	--	--
WW-MW-02	19.03	18.59	-0.44	17.7	17.26	7.4	17.4	11.63	1.63	2	--	--	--	--	--	12.22	12.20	6.37	6.39	-0.02
WW-MW-03	14	13.69	-0.31	16	15.69	4	14	10.00	0.00	2	--	--	--	--	--	7.01	6.98	6.68	6.71	-0.03
WW-MW-04	13.36	12.71	-0.65	22	21.35	10	20	3.36	-6.64	2	--	--	--	--	--	--	--	--	--	--
WW-MW-05	12.7	12.05	-0.65	16	15.35	4	14	8.70	-1.30	2	--	--	--	--	--	--	--	--	--	--
WW-MW-06	12.18	11.81	-0.37	12.3	11.93	0.3	10.3	11.88	1.88	2	--	--	--	--	--	--	--	--	--	--
WW-MW-07	12.35	11.84	-0.51	13	12.49	1	11	11.35	1.35	2	--	--	--	--	--	--	--	--	--	--
WW-MW-08	10.17	9.89	-0.28	12.3	12.02	0.3	10.3	9.87	-0.13	2	--	--	--	--	--	--	--	--	--	--
WW-MW-10	8.11	7.67	-0.44	16	15.56	4	14	4.11	-5.89	2	--	--	--	--	--	--	--	--	--	--
WW-MW-11	9.2	8.72	-0.48	16	15.52	4	14	5.20	-4.80	2	--	--	--	--	--	--	--	--	--	--
WW-MW-12	7.89	7.42	-0.47	17	16.53	5	15	2.89	-7.11	2	--	--	--	--	--	4.60	4.45	2.82	2.97	-0.15
WW-MW-13	7.26	6.89	-0.37	16	15.63	4	14	3.26	-6.74	2	--	--	--	--	--	3.06	3.87	3.83	3.02	0.81
WW-MW-14	6.75	6.38	-0.37	16	15.63	4	14	2.75	-7.25	2	--	--	--	--	--	3.22	5.52	3.16	0.86	2.30
WW-MW-15	6.35	5.94	-0.41	16	15.59	4	14	2.35	-7.65	2	--	--	--	--	--	2.70	3.52	3.24	2.42	0.82
WW-MW-16	10.06	9.73	-0.33	16	15.67	4	14	6.06	-3.94	2	--	--	--	--	--	--	--	--	--	--
WW-MW-17	11.79	11.25	-0.54	16	15.46	4	14	7.79	-2.21	2	--	--	--	--	--	--	--	--	--	--
WW-MW-18	8.72	8.50	-0.22	14	13.78	4	14	4.72	-5.28	2	--	--	--	--	--	--	--	--	--	--
WW-MW-19	7.13	6.83	-0.3	14	13.7	4	14	3.13	-6.87	2	--	--	--	--	--	--	--	--	--	--
WW-MW-20	16.13	15.49	-0.64	16	15.36	6	16	10.13	0.13	2	--	--	--	--	--	--	--	--	--	--
WW-MW-21	10.98	10.72	-0.26	20	19.74	8	18	2.98	-7.02	2	--	--	--	--	--	4.80	4.51	5.92	6.21	-0.29
WW-MW-22	7.38	7.10	-0.28	16	15.72	4	14	3.38	-6.62	2	--	--	--	--	--	--	--	--	--	--
WW-MW-100I	11.04	10.51	-0.53	58.5	57.97	46.5	56.5	-35.46	-45.46	2	--	--	--	--	--	--	--	--	--	--
WW-MW-102I	11.64	11.07	-0.57	61	60.43	49	59	-37.36	-47.36	2	--	--	--	--	--	--	--	--	--	--
WW-MW-102D	11.73	10.98	-0.75	102	101.25	92	102	-80.27	-90.27	2	--	--	--	--	--	--	--	--	--	--
WW-MW-200	9.90	9.52	-0.38	17	16.62	5	15	4.90	-5.10	2	6.30	6.40	3.22	3.12	0.10	5.23	5.22	4.29	4.30	-0.01
WW-MW-200I	9.96	9.71	-0.25	47	46.75	35	45	-25.04	-35.04	2										
WW-MW-200D	9.93	9.63	-0.30	70	69.70	58	68	-48.07	-58.07	2										
WW-MW-201	11.71	11.25	-0.46	20	19.54	8	18	3.71	-6.29	2	12.00	9.80	-0.75	1.45	-2.20	8.95	12.04	2.30	-0.79	3.09
WW-MW-201I	11.74	11.42	-0.32	52	51.68	40	50	-28.26	-38.26	2										
WW-MW-201D	11.69	11.42	-0.27	72	71.73	60	70	-48.31	-58.31	2										
WW-MW-202	11.58	11.00	-0.58	24	23.42	12	22	-0.42	-10.42	2	11.60	9.70	-0.60	1.30	-1.90	8.82	11.35	2.18	-0.35	2.53
WW-MW-202I	11.59	11.26	-0.33	50	49.67	38	48	-26.41	-36.41	2										
WW-MW-202D	11.59	11.26	-0.33	79	78.67	67	77	-55.41	-65.41	2										
WW-MW-203	11.59	11.23	-0.36	17	16.64	5	15	6.59	-3.41	2	10.40	10.30	0.83	0.93	-0.10	8.83	9.38	2.40	1.85	0.55
WW-MW-203I	11.60	11.31	-0.29	47	46.71	35	45	-23.40	-33.40	2										
WW-MW-203D	11.65	11.13	-0.52	77	76.48	65	75	-53.35	-63.35	2										
WW-MW-204	9.89	9.22	-0.67	17	16.33	5	15	4.89	-5.11	2	6.20	6.20	3.02	3.02	0.00	2.18	2.25	7.04	6.97	0.07
WW-MW-204I	9.84	9.45	-0.39	50	49.61	38	48	-28.16	-38.16	2										
WW-MW-204D	9.90	9.42	-0.48	66	65.52	54	64	-44.10	-54.10	2										

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 3: August 17, 2022					Round 4: October 6, 2022				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)	Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide		High Tide	Low Tide	High Tide	Low Tide	
WW-MW-205	9.97	9.41	-0.56	15	14.44	3	13	6.97	-3.03	2	7.50	7.80	1.91	1.61	0.30	5.80	5.67	3.61	3.74	-0.13
WW-MW-205I	10.00	9.53	-0.47	47	46.53	35	45	-25.00	-35.00	2										
WW-MW-205D	9.94	9.68	-0.26	80	79.74	68	78	-58.06	-68.06	2										
WW-MW-206	10.09	9.84	-0.25	16	15.75	4	14	6.09	-3.91	2	--	--	--	--	--	6.17	6.16	3.67	3.68	-0.01
WW-MW-206I	10.11	9.88	-0.23	42	41.77	30	40	-19.89	-29.89	2										
WW-MW-206D	10.14	9.92	-0.22	52	51.78	40	50	-29.86	-39.86	2										
WW-MW-207	11.73	11.15	-0.58	18	17.42	6	16	5.73	-4.27	2	--	--	--	--	--	9.34	9.53	1.81	1.62	0.19
WW-MW-207I	11.71	11.39	-0.32	47	46.68	35	45	-23.29	-33.29	2										
WW-MW-207D	11.71	11.43	-0.28	72	71.72	60	70	-48.29	-58.29	2										

Notes:
-- Measurement not collected. 2009 round, all wells had not been installed. 2012 round, wells could not be located.
Round 3 meausred 8 new wells in August 2022. Round 4 measured all available wells October 2022
WW-MW-14 not measure during the Round 5 event due to inaccessability
Unable to gauge WW-MW-19 in October 2022 due to Site access, and in March 2023 due to abandonment
Did not take Low Tide measurement in WW-MW-205 due to LNAPL
NA - Not Applicable
GS - Ground Surface
TOC - Top of Casing
Elevations in North American Vertical Datum (NAVD)

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 5: March 8, 2023					Round 6: September 11, 2024				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)	Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide		High Tide	Low Tide	High Tide	Low Tide	
East River TBM	7.36			NA	NA	NA	NA	NA	NA	NA	--	--	--	--	--	--	--	--	--	--
WW-MW-01	21.37	21.05	-0.32	25	24.68	13	23	8.37	-1.63	2	--	--	--	--	--	--	--	--	--	--
WW-MW-02	19.03	18.59	-0.44	17.7	17.26	7.4	17.4	11.63	1.63	2	12.17	12.05	6.42	6.54	-0.12	11.85	11.88	5.55	5.52	0.03
WW-MW-03	14	13.69	-0.31	16	15.69	4	14	10.00	0.00	2	7.86	7.64	5.83	6.05	-0.22	7.01	7.21	6.99	6.79	0.20
WW-MW-04	13.36	12.71	-0.65	22	21.35	10	20	3.36	-6.64	2	--	--	--	--	--	--	--	--	--	--
WW-MW-05	12.7	12.05	-0.65	16	15.35	4	14	8.70	-1.30	2	--	--	--	--	--	--	--	--	--	--
WW-MW-06	12.18	11.81	-0.37	12.3	11.93	0.3	10.3	11.88	1.88	2	--	--	--	--	--	--	--	--	--	--
WW-MW-07	12.35	11.84	-0.51	13	12.49	1	11	11.35	1.35	2	--	--	--	--	--	--	--	--	--	--
WW-MW-08	10.17	9.89	-0.28	12.3	12.02	0.3	10.3	9.87	-0.13	2	--	--	--	--	--	--	--	--	--	--
WW-MW-10	8.11	7.67	-0.44	16	15.56	4	14	4.11	-5.89	2	--	--	--	--	--	--	--	--	--	--
WW-MW-11	9.2	8.72	-0.48	16	15.52	4	14	5.20	-4.80	2	--	--	--	--	--	--	--	--	--	--
WW-MW-12	7.89	7.42	-0.47	17	16.53	5	15	2.89	-7.11	2	4.92	4.96	2.50	2.46	0.04	--	--	--	--	--
WW-MW-13	7.26	6.89	-0.37	16	15.63	4	14	3.26	-6.74	2	4.61	5.55	2.28	1.34	0.94	5.65	5.42	1.24	1.47	-0.23
WW-MW-14	6.75	6.38	-0.37	16	15.63	4	14	2.75	-7.25	2	--	--	--	--	--	--	--	--	--	--
WW-MW-15	6.35	5.94	-0.41	16	15.59	4	14	2.35	-7.65	2	3.38	4.90	2.56	1.04	1.52	2.50	5.36	3.44	0.58	2.86
WW-MW-16	10.06	9.73	-0.33	16	15.67	4	14	6.06	-3.94	2	3.91	3.41	5.82	6.32	-0.50	4.56	4.60	5.17	5.13	0.04
WW-MW-17	11.79	11.25	-0.54	16	15.46	4	14	7.79	-2.21	2	--	--	--	--		--	--	--	--	--
WW-MW-18	8.72	8.50	-0.22	14	13.78	4	14	4.72	-5.28	2	0.94	1.32	7.56	7.18	0.38	2.00	2.02	6.50	6.48	0.02
WW-MW-19	7.13	6.83	-0.3	14	13.7	4	14	3.13	-6.87	2	--	--	--	--		--	--	--	--	--
WW-MW-20	16.13	15.49	-0.64	16	15.36	6	16	10.13	0.13	2	9.11	9.11	6.38	6.38	0.00	--	--	--	--	--
WW-MW-21	10.98	10.72	-0.26	20	19.74	8	18	2.98	-7.02	2	4.80	4.76	5.92	5.96	-0.04	4.50	4.27	6.22	6.45	-0.23
WW-MW-22	7.38	7.10	-0.28	16	15.72	4	14	3.38	-6.62	2	--	--	--	--	--	--	--	--	--	--
WW-MW-100I	11.04	10.51	-0.53	58.5	57.97	46.5	56.5	-35.46	-45.46	2	--	--	--	--	--	--	--	--	--	--
WW-MW-102I	11.64	11.07	-0.57	61	60.43	49	59	-37.36	-47.36	2	--	--	--	--	--	--	--	--	--	--
WW-MW-102D	11.73	10.98	-0.75	102	101.25	92	102	-80.27	-90.27	2	--	--	--	--	--	--	--	--	--	--
WW-MW-200	9.90	9.52	-0.38	17	16.62	5	15	4.90	-5.10	2	5.83	5.67	3.69	3.85	-0.16	6.00	5.95	3.52	3.57	-0.05
WW-MW-200I	9.96	9.71	-0.25	47	46.75	35	45	-25.04	-35.04	2						7.35	7.78	2.36	1.93	0.43
WW-MW-200D	9.93	9.63	-0.30	70	69.70	58	68	-48.07	-58.07	2						6.90	7.25	2.73	2.38	0.35
WW-MW-201	11.71	11.25	-0.46	20	19.54	8	18	3.71	-6.29	2	10.01	12.07	1.24	-0.82	2.06	9.68	11.90	1.57	-0.65	2.22
WW-MW-201I	11.74	11.42	-0.32	52	51.68	40	50	-28.26	-38.26	2						9.77	11.01	1.65	0.41	1.24
WW-MW-201D	11.69	11.42	-0.27	72	71.73	60	70	-48.31	-58.31	2						10.00	11.03	1.42	0.39	1.03
WW-MW-202	11.58	11.00	-0.58	24	23.42	12	22	-0.42	-10.42	2	9.92	11.35	1.08	-0.35	1.43	9.73	11.23	1.27	-0.23	1.50
WW-MW-202I	11.59	11.26	-0.33	50	49.67	38	48	-26.41	-36.41	2						9.50	10.78	1.76	0.48	1.28
WW-MW-202D	11.59	11.26	-0.33	79	78.67	67	77	-55.41	-65.41	2						9.51	10.30	1.75	0.96	0.79
WW-MW-203	11.59	11.23	-0.36	17	16.64	5	15	6.59	-3.41	2	10.18	10.20	1.05	1.03	0.02	9.57	9.95	1.66	1.28	0.38
WW-MW-203I	11.60	11.31	-0.29	47	46.71	35	45	-23.40	-33.40	2						9.17	9.65	2.14	1.66	0.48
WW-MW-203D	11.65	11.13	-0.52	77	76.48	65	75	-53.35	-63.35	2						8.90	9.30	2.23	1.83	0.40
WW-MW-204	9.89	9.22	-0.67	17	16.33	5	15	4.89	-5.11	2	3.27	3.25	5.95	5.97	-0.02	5.00	4.96	4.22	4.26	-0.04
WW-MW-204I	9.84	9.45	-0.39	50	49.61	38	48	-28.16	-38.16	2						6.30	6.57	3.15	2.88	0.27
WW-MW-204D	9.90	9.42	-0.48	66	65.52	54	64	-44.10	-54.10	2						6.20	6.32	3.22	3.10	0.12

Table 3. Groundwater Depths and Elevations
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Monitoring Well	GS Elevation (feet)	TOC Elevation (feet)	Stickup (feet)	Depth to Bottom (feet)		Screen Depth (feet)		Screen Elevation (feet)		Well Diameter (inches)	Round 5: March 8, 2023					Round 6: September 11, 2024				
											Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides (feet)	Groundwater Depth from TOC (feet)		Groundwater Elevation (feet)		Elevation Difference of Tides
				From GS	From TOC	Top	Bottom	Top	Bottom		High Tide	Low Tide	High Tide	Low Tide		High Tide	Low Tide	High Tide	Low Tide	
WW-MW-205	9.97	9.41	-0.56	15	14.44	3	13	6.97	-3.03	2	6.34	--	3.07	--	--	--	--	--	--	--
WW-MW-205I	10.00	9.53	-0.47	47	46.53	35	45	-25.00	-35.00	2						7.22	7.63	2.31	1.90	0.41
WW-MW-205D	9.94	9.68	-0.26	80	79.74	68	78	-58.06	-68.06	2						7.59	8.01	2.09	1.67	0.42
WW-MW-206	10.09	9.84	-0.25	16	15.75	4	14	6.09	-3.91	2	6.47	6.43	3.37	3.41	-0.04	6.50	6.48	3.34	3.36	-0.02
WW-MW-206I	10.11	9.88	-0.23	42	41.77	30	40	-19.89	-29.89	2						6.68	6.94	3.20	2.94	0.26
WW-MW-206D	10.14	9.92	-0.22	52	51.78	40	50	-29.86	-39.86	2						6.60	7.00	3.32	2.92	0.40
WW-MW-207	11.73	11.15	-0.58	18	17.42	6	16	5.73	-4.27	2	10.41	9.98	0.74	1.17	-0.43	10.63	10.94	0.52	0.21	0.31
WW-MW-207I	11.71	11.39	-0.32	47	46.68	35	45	-23.29	-33.29	2						9.62	10.55	1.77	0.84	0.93
WW-MW-207D	11.71	11.43	-0.28	72	71.72	60	70	-48.29	-58.29	2						9.48	10.01	1.95	1.42	0.53

Notes:
-- Measurement not collected. 2009 round, all wells had not been installed. 2012 round, wells could not be located.
Round 3 meausred 8 new wells in August 2022. Round 4 measured all available wells October 2022
WW-MW-14 not measure during the Round 5 event due to inaccessability
Unable to gauge WW-MW-19 in October 2022 due to Site access, and in March 2023 due to abandonment
Did not take Low Tide measurement in WW-MW-205 due to LNAPL
NA - Not Applicable
GS - Ground Surface
TOC - Top of Casing
Elevations in North American Vertical Datum (NAVD)

Table 4. Hydraulic Conductivity Values (K)
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Well ID	Screen Depth (ft bgs)	Screen Elevation (NAVD 88)	Lithology of Screened Interval	Range of Individual Calculated Hydraulic Conductivity Results		Average Hydraulic Conductivity	
				(ft/day)	(cm/sec)	(ft/day)	(cm/sec)
Rising Head Hydraulic Conductivity Test Results							
WW-MW-01	13 to 23	8.37 to -1.63	Intervals of Silty Sand (SM), Widely Graded Gravel With Sand (GW), Widely Graded Sand With Gravel (SW), and Widely Graded Sand (SW)	2.5 to 2.7	8.75E-04 to 9.45E-04	2.6	9.10E-04
WW-MW-04	10 to 20	3.36 to -6.64	Intervals of Silt With Gravel (ML), Narrowly Graded Sand (SP), Silty Sand (SM), and Widely Graded Sand (SW)	2.3 to 2.6	8.05E-04 to 9.1E-04	2.5	8.58E-04
WW-MW-17	4 to 14	7.79 to -2.21	Silty Sand	2.2 to 2.3	7.7E-04 to 8.05E-04	2.3	7.88E-04

Notes:

Hydraulic conductivity was calculated using the Bouwer and Rice Method via Super Slug Aquifer Testing and Analysis Software Version 3.2

ft bgs - feet below ground surface

NAVD - North American Vertical Datum

ft/day - feet per day

cm/sec - centimeters per second

Table 5. Vertical Hydraulic Head Differential and Gradients Within the Upper Glacial Aquifer
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Well Pair	Linear Distance Between Center of Screens (dl)	Vertical Head Differential (dh)		Vertical Gradient i_v [1]		Direction of Vertical Head Potential	
		Low Tide	High Tide	Low Tide	High Tide	Low Tide	High Tide
Shallow to Intermediate Wells							
WW-MW-200 to WW-MW-200I	29.94	1.64	1.16	0.05478	0.03874	U	U
WW-MW-201 to WW-MW-201I	31.97	-1.06	2.22	-0.03316	0.06944	D	U
WW-MW-202 to WW-MW-202I	25.99	-0.71	-0.49	-0.02732	-0.01885	D	D
WW-MW-203 to WW-MW-203I	29.99	-0.38	-0.48	-0.01267	-0.01601	D	D
WW-MW-204 to WW-MW-204I	33.05	1.38	1.07	0.04175	0.03238	U	U
WW-MW-206 to WW-MW-206I	25.98	0.42	0.14	0.01617	0.00539	U	U
WW-MW-207 to WW-MW-207I	29.02	-0.63	-1.25	-0.02171	-0.04307	D	D
Shallow to Deep Wells							
WW-MW-200 to WW-MW-200D	52.97	1.19	0.79	0.02247	0.01491	U	U
WW-MW-201 to WW-MW-201D	52.02	-1.04	0.15	-0.01999	0.00288	D	U
WW-MW-202 to WW-MW-202D	54.99	-1.19	-0.48	-0.02164	-0.00873	D	D
WW-MW-203 to WW-MW-203D	59.94	-0.55	-0.57	-0.00918	-0.00951	D	D
WW-MW-204 to WW-MW-204D	48.99	1.16	1	0.02368	0.02041	U	U
WW-MW-206 to WW-MW-206D	35.95	0.44	0.02	0.01224	0.00056	U	U
WW-MW-207 to WW-MW-207D	82.26	-1.21	-1.43	-0.01471	-0.01738	D	D
Intermediate to Deep Wells							
WW-MW-200I to WW-MW-200D	23.03	-0.45	-0.37	-0.01954	-0.01607	D	D
WW-MW-201I to WW-MW-201D	20.05	0.02	0.23	0.00100	0.01147	U	U
WW-MW-202I to WW-MW-202D	29	-0.48	0.01	-0.01655	0.00034	D	U
WW-MW-203I to WW-MW-203D	29.95	-0.17	-0.09	-0.00568	-0.00301	D	D
WW-MW-204I to WW-MW-204D	15.94	-0.22	-0.07	-0.01380	-0.00439	D	D
WW-MW-205I to WW-MW-205D	33.06	0.23	0.22	0.00696	0.00665	U	U
WW-MW-206I to WW-MW-206D	9.97	0.02	-0.12	0.00201	-0.01204	U	D
WW-MW-207I to WW-MW-207D	25	-2.26	-0.18	-0.09040	-0.00720	D	D

General notes:

[1] iv = dh/dl

dh = change in head between shallow zone and deep monitoring wells (ft)

dl = linear distance between centers of shallow zone and deep monitoring well screens (ft)

D = downward head potential

U = upward head potential

Vertical head differential and gradients based upon groundwater measurements obtained on September 11, 2024.

WW-MW-205 was not included due to the presence of LNAPL in well.

Table 6. Typical Background Concentrations of Metals in Soil in the Eastern United States

Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Metals	Background Levels - Eastern USA (mg/kg)
Aluminum	7,000 - > 100,000
Antimony	< 1 - 8.8
Arsenic	< 0.1 - 73
Barium	10 - 1,500
Beryllium	< 1 - 7
Cadmium	NE
Calcium	100 - 280,000
Chromium	1 - 1,000
Cobalt	< 0.3 - 70
Copper	< 1 - 700
Iron	100 - >100,000
Lead	> 10 - 300
Magnesium	50 - 50,000
Manganese	< 2 - 7,000
Mercury	0.01 - 3.4
Nickel	< 5 - 700
Potassium	50 - 37,000
Selenium	< 0.1 - 3.9
Silver	NE
Sodium	<500 - 50,000
Thallium	NE
Vanadium	<7 - 300
Zinc	< 5 - 2,900

Notes:

NE - Not established
mg/kg - milligrams/kilogram
Source: Shacklette, H.T., and Boerngen, J.G., 1984. Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States. U.S. Geological Survey Professional Paper 1270. 105p.

Table 7. Background Concentrations of PAHs in Surface Soil in New York City
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

	Minimum	Mean[(1)]	75th Percentile[(2)]	95th Percentile[(2)]	Maximum	Unrestricted SCO	Commercial SCO
PAH Compound (mg/kg)							
Acenaphthene	0.0039	0.0512	0.11	0.37	0.63	20	500
Acenaphthylene	0.0013	0.0135	0.03	0.12	0.14	100	500
Anthracene	0.009	0.125	0.28	0.98	1.1	100	500
Benzo(a)anthracene	0.066	0.491	1.1	1.8	2.1	1	5.6
Benzo(a)pyrene	0.07	0.523	1	1.7	2.0	1	1
Benzo(b)fluoranthene	0.071	0.556	1	1.6	1.8	1	5.6
Benzo(g,h,i)perylene	0.14	0.403	0.67	1	1.5	100	0.5
Benzo(k)fluoranthene	0.056	0.48	0.89	2	2.0	0.8	56
Chrysene	0.082	0.543	1.1	2.4	2.4	1	56
Dibenz(a,h)anthracene	0.032	0.0959	0.13	0.33	0.48	0.33	0.56
Fluoranthene	0.12	1.05	1.9	4.5	5.2	100	500
Fluorene	0.0029	0.0479	0.11	0.36	0.6	30	500
Indeno(1,2,3-cd)pyrene	0.046	0.375	0.75	1.2	1.5	0.5	5.6
Naphthalene	0.0024	0.0274	0.074	0.15	0.21	12	500
Phenanthrene	0.057	0.58	1.1	3.7	4.4	100	500
Pyrene	0.11	0.887	1.7	3.4	4.7	100	500
Total PAH_{16}[(3)]	1.89	6.63	11.1	21	24.8	NE	NE

Notes:

[(1)] - Mean values were calculated on natural-logarithm transformed data and back transformed into original concentration units.

[(2)] - Percentiles were calculated using the empirical distribution function with averaging.

[(3)] - Total PAH16 includes the 16 USEPA priority pollutant PAH compounds (sum of acenaphthene through pyrene). It does not include 2-Methylnaphthalene.

Unrestricted Use SCO - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs)

Commercial Use SCO - regulatory comparison against NYCRR, Chapter IV, Part 375-6 Restricted Use Commercial SCOs

Source: Characterization of Soil Background PAH and Metal Concentrations. Manhattan, New York. Prepared by: The RETEC Group, Inc. Prepared for: Consolidated Edison Company of New York, Inc. March 24, 2007

Table 8. Detected Surface Soil Analytical Results - Adjacent to Parcels 3 and 4
Remedial Investigation Report
Portion of K - Williamsburg Works Site
Brooklyn, NY

Sample Name / Sample Depth (feet bgs) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SS-04 (0-0.2) 10/6/2009	Duplicate of WW-SS-04 (0-0.2) 10/6/2009	WW-SS-05 (0-0.2) 10/6/2009	WW-SS-06 (0-0.2) 10/6/2009	WW-SS-07 (0-0.2) 10/6/2009	WW-SS-08 (0-0.2) 10/6/2009	WW-SS-09 (0-0.2) 10/6/2009	Summary Statistics: Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect
BTEX (mg/kg)															
Total BTEX	NE	NE	NE	ND	ND	ND	ND	ND	ND	ND	7	7	0	0	-
Other VOCs (mg/kg)															
Total VOCs	NE	NE	NE	ND	ND	ND	ND	ND	ND	ND	7	7	0	0	-
PAHs (mg/kg)															
Acenaphthene	20	98	100	**0.18 J**	1.3 UJ	1.2 U	**0.23 J**	**0.1 J**	**0.12 J**	1.3 U	7	3	4	0	1.2
Acenaphthylene	100	107	100	**0.79 J**	**0.13 J**	1.2 U	1.2 U	1.1 U	**0.11 J**	**0.11 J**	7	3	4	0	1.1
Anthracene	100	1000	100	**0.58 J**	**0.071 J**	**0.12 J**	**0.35 J**	**0.19 J**	**0.32 J**	**0.15 J**	7	0	7	0	-
Benzo(a)anthracene	1	1	1	**2.1 J**	**0.28 J**	**0.5 J**	**0.96 J**	**0.54 J**	**1.2**	**0.53 J**	7	0	7	0	-
Benzo(b)fluoranthene	1	1.7	1	**2.9 J**	**0.47 J**	**0.81 J**	**1.4**	**0.8 J**	**1.6**	**0.77 J**	7	0	7	0	-
Benzo(k)fluoranthene	0.8	1.7	3.9	**1.2 J**	**0.14 J**	**0.36 J**	**0.59 J**	**0.26 J**	**0.68 J**	**0.32 J**	7	0	7	0	-
Benzo(g,h,i)perylene	100	1000	100	**2.6 J**	**0.61 J**	**0.49 J**	**1.4**	**0.78 J**	**1.7**	**0.97 J**	7	0	7	0	-
Benzo(a)pyrene	1	22	1	**2.9 J**	**0.37 J**	**0.6 J**	**1.1 J**	**0.64 J**	**1.5**	**0.7 J**	7	0	7	0	-
Chrysene	1	1	3.9	**2.6 J**	**0.33 J**	**0.63 J**	**1.1 J**	**0.64 J**	**1.3**	**0.63 J**	7	0	7	0	-
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.73 J**	1.3 UJ	1.2 U	1.2 U	1.1 UJ	1.2 U	1.3 UJ	7	6	1	0	1.1
Fluoranthene	100	1000	100	**2.3 J**	**0.28 J**	**1.1 J**	**2.1**	**1.1 J**	**2.2**	**0.92 J**	7	0	7	0	-
Fluorene	30	386	100	**0.2 J**	1.3 UJ	1.2 U	**0.19 J**	1.1 U	1.2 U	1.3 U	7	5	2	0	1.1
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**2.9 J**	**0.52 J**	**0.43 J**	**1.2 J**	**0.66 J**	**1.7**	**1 J**	7	0	7	0	-
Phenanthrene	100	1000	100	**2.7 J**	**0.2 J**	**0.7 J**	**1.9**	**0.91 J**	**1.4**	**0.75 J**	7	0	7	0	-
Pyrene	100	1000	100	**4.8 J**	**0.55 J**	**1.1 J**	**2.6**	**1.5**	**3.2**	**1.5**	7	0	7	0	-
Total PAHs	NE	NE	NE	**29.48**	**3.951**	**6.84**	**15.12**	**8.12**	**17.03**	**8.35**	7	0	7	0	-
Other SVOCs (mg/kg)															
Bis(2-ethylhexyl)phthalate	NE	435*	NE	**3 J**	1.3 UJ	1.2 UJ	1.2 U	1.1 U	1.2 U	1.3 U	7	6	1	0	1.1
Butyl benzyl phthalate	NE	122*	NE	**0.34 J**	**0.48 J**	**0.24 J**	**0.31 J**	**0.68 J**	**1.1 J**	**0.3 J**	7	0	7	0	-
Carbazole	NE	NE	NE	**0.16 J**	1.3 UJ	**0.08 J**	**0.2 J**	**0.095 J**	**0.13 J**	1.3 U	7	2	5	0	1.3
Dibenzofuran	7	210, 6.2*	59	**0.12 J**	1.3 UJ	1.2 U	**0.17 J**	1.1 U	1.2 U	1.3 U	7	5	2	0	1.1
Di-n-butyl phthalate	NE	8.1*	NE	**0.11 J**	1.3 UJ	1.2 U	1.2 U	**0.2 J**	1.2 U	**0.23 J**	7	4	3	0	1.2
Phenol	0.33	0.33	100	0.31 U	1.3 UJ	1.2 U	**0.15 J**	1.1 U	1.2 U	1.3 U	7	6	1	0	0.31
Total SVOCs	NE	NE	NE	**33.21**	**4.431**	**7.16**	**15.95**	**9.095**	**18.26**	**8.88**	7	0	7	0	-
PCB Aroclors (mg/kg)															
Aroclor 1248	NE	NE	NE	0.019 U	0.02 UJ	0.019 UJ	**0.018 J**	0.018 UJ	0.018 U	0.021 UJ	7	6	1	0	0.018
Aroclor 1254	NE	NE	NE	**0.15 J**	**0.043 J**	**0.024 J**	**0.06 J**	**0.021 J**	**0.12 J**	**0.022 J**	7	0	7	0	-
Aroclor 1260	NE	NE	NE	**0.2 J**	**0.073 J**	**0.041 J**	0.019 U	**0.017 J**	**0.1**	0.021 UJ	7	2	5	0	0.019
Aroclor 1268	NE	NE	NE	**0.12 J**	**0.079 J**	**0.022 J**	**0.011 J**	**0.0078 J**	**0.071 J**	**0.0075 J**	7	0	7	0	-
Total PCB Aroclors	0.1	3.2	1	**0.47**	**0.195**	**0.087**	**0.089**	**0.0458**	**0.291**	**0.0295**	7	0	7	0	-
Pesticides (mg/kg)															
Aldrin	0.005	0.19	0.097	**0.0022 J**	0.002 UJ	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	6	1	0	0.0018
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	**0.0037 JN**	**0.0025 JN**	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	5	2	0	0.0018
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	**0.0034 JN**	0.002 UJ	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	6	1	0	0.0018
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	**0.003 J**	**0.0019 J**	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	5	2	0	0.0018
alpha-chlordane	0.094	2.9	4.2	0.0019 UJ	0.002 UJ	0.0018 UJ	**0.0038 J**	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	6	1	0	0.0018
gamma-Chlordane	NE	14*	NE	**0.0051 JN**	**0.0041 JN**	0.0018 UJ	**0.0042 JN**	**0.003 JN**	**0.0031 JN**	0.0021 UJ	7	2	5	0	0.0018
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	**0.042 J**	**0.033 J**	**0.01 J**	**0.011 J**	0.0034 UJ	**0.013 J**	**0.011 J**	7	1	6	0	0.0034
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	**0.015 J**	**0.012 J**	**0.0024 J**	**0.0047 J**	**0.0035 J**	**0.0046 J**	0.004 UJ	7	1	6	0	0.004
4,4'-DDD (p,p-DDD)	0.0033	14	13	**0.011 JN**	**0.0084 JN**	0.0036 UJ	**0.0068 J**	**0.0041 JN**	**0.011 J**	0.004 UJ	7	2	5	0	0.0036
Dieldrin	0.005	0.1	0.2	**0.0046 J**	**0.0042 J**	**0.0013 J**	0.0036 UJ	0.0034 UJ	0.0036 UJ	0.004 UJ	7	4	3	0	0.0034
alpha-Endosulfan (I)	2.4	102	24	**0.0075 J**	**0.0068 J**	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	5	2	0	0.0018
Endrin	0.014	0.06	11	**0.0039 JN**	0.0039 UJ	0.0036 R	0.0036 UJ	0.0034 UJ	0.0036 UJ	0.004 R	7	4	1	2	0.0034
Endrin aldehyde	NE	NE	NE	**0.0071 JN**	**0.029 JN**	**0.0074 JN**	**0.0056 JN**	**0.0056 JN**	**0.0098 JN**	**0.011 JN**	7	0	7	0	-
Heptachlor epoxide	NE	0.02*	NE	**0.0036 JN**	**0.0072 J**	0.0018 UJ	0.0019 UJ	0.0018 UJ	0.0018 UJ	0.0021 UJ	7	5	2	0	0.0018
Methoxychlor	NE	900*	NE	0.019 UJ	**0.027 JN**	0.018 UJ	0.019 UJ	0.018 UJ	**0.02 JN**	0.021 UJ	7	5	2	0	0.018
Herbicides (mg/kg)															
Herbicides	NE	NE	NE	ND	ND	ND	ND	ND	ND	ND	7	7	0	0	-

Table 8. Detected Surface Soil Analytical Results - Adjacent to Parcels 3 and 4
Remedial Investigation Report
Portion of K - Williamsburg Works Site
Brooklyn, NY

Sample Name / Sample Depth (feet bgs) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SS-04 (0-0.2) 10/6/2009	Duplicate of WW-SS-04 (0-0.2) 10/6/2009	WW-SS-05 (0-0.2) 10/6/2009	WW-SS-06 (0-0.2) 10/6/2009	WW-SS-07 (0-0.2) 10/6/2009	WW-SS-08 (0-0.2) 10/6/2009	WW-SS-09 (0-0.2) 10/6/2009	Summary Statistics: Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect
Metals (mg/kg)															
Aluminum	NE	NE	NE	**4390**	**4600**	**4270**	**4160**	**2440**	**5260**	**13700**	7	0	7	0	-
Arsenic	13	16	16	5.9 U	5.9 U	5.8 U	5.8 U	5.4 U	5.6 U	**6.1 J**	7	6	1	0	5.4
Barium	350	820	400	**102 J**	**102 J**	**68.8 J**	**327 J**	**76.8 J**	**199 J**	**203 J**	7	0	7	0	-
Beryllium	7.2	47	72	**0.28 J**	**0.31 J**	**0.26 J**	**0.28 J**	**0.15 J**	**0.32 J**	**1.6**	7	0	7	0	-
Cadmium	2.5	7.5	4.3	**2.1**	**2.5**	**1 J**	**0.94 J**	**0.6 J**	**0.66 J**	1.5 U	7	1	6	0	1.5
Calcium	NE	NE	NE	**13900**	**12800**	**9680**	**15200**	**21700**	**17600**	**64900**	7	0	7	0	-
Chromium	30	NE	180	**22.4**	**31.5**	**20.9**	**21.1**	**22.5**	**23.8**	**32.3**	7	0	7	0	-
Cobalt	NE	NE	NE	**5.5**	**7.6**	**4**	**4.3**	**4 J**	**4.8**	**4.1**	7	0	7	0	-
Copper	50	1720	270	**89.9**	**88.1**	**51.9**	**347**	**57.2**	**75.6**	**130**	7	0	7	0	-
Iron	NE	NE	NE	**12800**	**15100**	**10200**	**15700**	**20500**	**12200**	**14900**	7	0	7	0	-
Lead	63	450	400	**241**	**248**	**99.6**	**251**	**99.1**	**125**	**106**	7	0	7	0	-
Magnesium	NE	NE	NE	**6380**	**6820**	**5840**	**7230**	**9290**	**7630**	**18400**	7	0	7	0	-
Manganese	1600	2000	2000	**188**	**227**	**272**	**205**	**195**	**248**	**963**	7	0	7	0	-
Mercury	0.18	0.73	0.81	**0.2**	**0.2**	**0.11**	**0.094**	**0.094**	**0.12**	**0.091**	7	0	7	0	-
Nickel	30	130	310	**19.7**	**24.2**	**14.6**	**16.7**	**19.4**	**19.3**	**20.9**	7	0	7	0	-
Potassium	NE	NE	NE	**491 J**	**540 J**	**423 J**	**430 J**	**277 J**	**531 J**	**1710 J**	7	0	7	0	-
Silver	2	8.3	180	1.4 U	**0.57 J**	1.4 U	**0.39 J**	1.3 UJ	1.3 U	**0.1 J**	7	4	3	0	1.3
Sodium	NE	NE	NE	**141 J**	**152 J**	**103 J**	**238 J**	**134 J**	**231 J**	**954 J**	7	0	7	0	-
Tin	NE	NE	NE	**5.7**	**5.4**	3.4 U	**6.9**	**3.5**	**9.3**	**5.9**	7	1	6	0	3.4
Vanadium	NE	NE	NE	**18.6**	**21.1**	**15.4**	**19.4**	**13.3**	**19**	**24.8**	7	0	7	0	-
Zinc	109	2480	10000	**832**	**922**	**456**	**462**	**626**	**465**	**336**	7	0	7	0	-
Cyanides (mg/kg)															
Free Cyanide	NE	NE	NE	0.231 UJ	0.233 UJ	0.218 UJ	0.223 UJ	**0.063 J**	0.216 UJ	0.242 UJ	7	6	1	0	0.216

Table 8. Detected Surface Soil Analytical Results - Adjacent to Parcels 3 and 4
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Sample Name / Sample Depth (feet bgs) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Summary Statistics										
				Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect	Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of GW SCO	Number of Exceedances Restricted Residential SCO
BTEX (mg/kg)														
Total BTEX	NE	NE	NE	-	-	-	-	-	-	-	-	0	0	0
Other VOCs (mg/kg)														
Total VOCs	NE	NE	NE	-	-	-	-	-	-	-	-	0	0	0
PAHs (mg/kg)														
Acenaphthene	20	98	100	1.2667	1.3	WW-SS-07 (0-0.2)	0.1	0.1575	0.23	WW-SS-06 (0-0.2)	0.36143	0	0	0
Acenaphthylene	100	107	100	1.1667	1.2	WW-SS-09 (0-0.2)	0.11	0.285	0.79	WW-SS-04 (0-0.2)	0.41286	0	0	0
Anthracene	100	1000	100	-	-	WW-SS-XX-100609	0.071	0.25443	0.58	WW-SS-04 (0-0.2)	0.25443	0	0	0
Benzo(a)anthracene	1	1	1	-	-	WW-SS-XX-100609	0.28	0.87286	2.1	WW-SS-04 (0-0.2)	0.87286	2	2	2
Benzo(b)fluoranthene	1	1.7	1	-	-	WW-SS-XX-100609	0.47	1.25	2.9	WW-SS-04 (0-0.2)	1.25	3	1	3
Benzo(k)fluoranthene	0.8	1.7	3.9	-	-	WW-SS-XX-100609	0.14	0.50714	1.2	WW-SS-04 (0-0.2)	0.50714	1	0	0
Benzo(g,h,i)perylene	100	1000	100	-	-	WW-SS-05 (0-0.2)	0.49	1.2214	2.6	WW-SS-04 (0-0.2)	1.2214	0	0	0
Benzo(a)pyrene	1	22	1	-	-	WW-SS-XX-100609	0.37	1.1157	2.9	WW-SS-04 (0-0.2)	1.1157	3	0	3
Chrysene	1	1	3.9	-	-	WW-SS-XX-100609	0.33	1.0329	2.6	WW-SS-04 (0-0.2)	1.0329	3	3	0
Dibenz(a,h)anthracene	0.33	1000	0.33	1.2167	1.3	WW-SS-04 (0-0.2)	0.73	0.73	0.73	WW-SS-04 (0-0.2)	0.62571	1	0	1
Fluoranthene	100	1000	100	-	-	WW-SS-XX-100609	0.28	1.4286	2.3	WW-SS-04 (0-0.2)	1.4286	0	0	0
Fluorene	30	386	100	1.22	1.3	WW-SS-06 (0-0.2)	0.19	0.195	0.2	WW-SS-04 (0-0.2)	0.49143	0	0	0
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	-	-	WW-SS-05 (0-0.2)	0.43	1.2014	2.9	WW-SS-04 (0-0.2)	1.2014	6	0	6
Phenanthrene	100	1000	100	-	-	WW-SS-XX-100609	0.2	1.2229	2.7	WW-SS-04 (0-0.2)	1.2229	0	0	0
Pyrene	100	1000	100	-	-	WW-SS-XX-100609	0.55	2.1786	4.8	WW-SS-04 (0-0.2)	2.1786	0	0	0
Total PAHs	NE	NE	NE	-	-	WW-SS-XX-100609	3.951	12.699	29.48	WW-SS-04 (0-0.2)	12.699	0	0	0
Other SVOCs (mg/kg)														
Bis(2-ethylhexyl)phthalate	NE	435*	NE	1.2167	1.3	WW-SS-04 (0-0.2)	3	3	3	WW-SS-04 (0-0.2)	0.95	0	0	0
Butyl benzyl phthalate	NE	122*	NE	-	-	WW-SS-05 (0-0.2)	0.24	0.49286	1.1	WW-SS-08 (0-0.2)	0.49286	0	0	0
Carbazole	NE	NE	NE	1.3	1.3	WW-SS-05 (0-0.2)	0.08	0.133	0.2	WW-SS-06 (0-0.2)	0.28071	0	0	0
Dibenzofuran	7	210, 6.2*	59	1.22	1.3	WW-SS-04 (0-0.2)	0.12	0.145	0.17	WW-SS-06 (0-0.2)	0.47714	0	0	0
Di-n-butyl phthalate	NE	8.1*	NE	1.225	1.3	WW-SS-04 (0-0.2)	0.11	0.18	0.23	WW-SS-09 (0-0.2)	0.42714	0	0	0
Phenol	0.33	0.33	100	1.0683	1.3	WW-SS-06 (0-0.2)	0.15	0.15	0.15	WW-SS-06 (0-0.2)	0.47929	0	0	0
Total SVOCs	NE	NE	NE	-	-	WW-SS-XX-100609	4.431	13.855	33.21	WW-SS-04 (0-0.2)	13.855	0	0	0
PCB Aroclors (mg/kg)														
Aroclor 1248	NE	NE	NE	0.019167	0.021	WW-SS-06 (0-0.2)	0.018	0.018	0.018	WW-SS-06 (0-0.2)	0.010786	0	0	0
Aroclor 1254	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	0.021	0.062857	0.15	WW-SS-04 (0-0.2)	0.062857	0	0	0
Aroclor 1260	NE	NE	NE	0.02	0.021	WW-SS-07 (0-0.2)	0.017	0.0862	0.2	WW-SS-04 (0-0.2)	0.064429	0	0	0
Aroclor 1268	NE	NE	NE	-	-	WW-SS-09 (0-0.2)	0.0075	0.045471	0.12	WW-SS-04 (0-0.2)	0.045471	0	0	0
Total PCB Aroclors	0.1	3.2	1	-	-	WW-SS-09 (0-0.2)	0.0295	0.17247	0.47	WW-SS-04 (0-0.2)	0.17247	3	0	0
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.0019	0.0021	WW-SS-04 (0-0.2)	0.0022	0.0022	0.0022	WW-SS-04 (0-0.2)	0.0011286	0	0	0
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.00188	0.0021	WW-SS-XX-100609	0.0025	0.0031	0.0037	WW-SS-04 (0-0.2)	0.0015571	0	0	0
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0019	0.0021	WW-SS-04 (0-0.2)	0.0034	0.0034	0.0034	WW-SS-04 (0-0.2)	0.0013	0	0	0
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.00188	0.0021	WW-SS-XX-100609	0.0019	0.00245	0.003	WW-SS-04 (0-0.2)	0.0013714	0	0	0
alpha-chlordane	0.094	2.9	4.2	0.0019	0.0021	WW-SS-06 (0-0.2)	0.0038	0.0038	0.0038	WW-SS-06 (0-0.2)	0.0013571	0	0	0
gamma-Chlordane	NE	14*	NE	0.00195	0.0021	WW-SS-07 (0-0.2)	0.003	0.0039	0.0051	WW-SS-04 (0-0.2)	0.0030643	0	0	0
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0034	0.0034	WW-SS-05 (0-0.2)	0.01	0.02	0.042	WW-SS-04 (0-0.2)	0.017386	6	0	0
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.004	0.004	WW-SS-05 (0-0.2)	0.0024	0.0070333	0.015	WW-SS-04 (0-0.2)	0.0063143	5	0	0
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0038	0.004	WW-SS-07 (0-0.2)	0.0041	0.00826	0.011	WW-SS-08 (0-0.2)	0.0064429	5	0	0
Dieldrin	0.005	0.1	0.2	0.00365	0.004	WW-SS-05 (0-0.2)	0.0013	0.0033667	0.0046	WW-SS-04 (0-0.2)	0.0024857	0	0	0
alpha-Endosulfan (I)	2.4	102	24	0.00188	0.0021	WW-SS-XX-100609	0.0068	0.00715	0.0075	WW-SS-04 (0-0.2)	0.0027143	0	0	0
Endrin	0.014	0.06	11	0.003625	0.0039	WW-SS-04 (0-0.2)	0.0039	0.0039	0.0039	WW-SS-04 (0-0.2)	0.00223	0	0	0
Endrin aldehyde	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	0.0056	0.010786	0.029	WW-SS-XX-100609	0.010786	0	0	0
Heptachlor epoxide	NE	0.02*	NE	0.00188	0.0021	WW-SS-04 (0-0.2)	0.0036	0.0054	0.0072	WW-SS-XX-100609	0.0022143	0	0	0
Methoxychlor	NE	900*	NE	0.019	0.021	WW-SS-08 (0-0.2)	0.02	0.0235	0.027	WW-SS-XX-100609	0.0135	0	0	0
Herbicides (mg/kg)														
Herbicides	NE	NE	NE	-	-	-	-	-	-	-	-	0	0	0

Table 8. Detected Surface Soil Analytical Results - Adjacent to Parcels 3 and 4
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Sample Name / Sample Depth (feet bgs) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Summary Statistics										
				Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect	Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of GW SCO	Number of Exceedances Restricted Residential SCO
Metals (mg/kg)														
Aluminum	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	2440	5545.7	13700	WW-SS-09 (0-0.2)	5545.7	0	0	0
Arsenic	13	16	16	5.7333	5.9	WW-SS-09 (0-0.2)	6.1	6.1	6.1	WW-SS-09 (0-0.2)	3.3286	0	0	0
Barium	350	820	400	-	-	WW-SS-05 (0-0.2)	68.8	154.09	327	WW-SS-06 (0-0.2)	154.09	0	0	0
Beryllium	7.2	47	72	-	-	WW-SS-07 (0-0.2)	0.15	0.45714	1.6	WW-SS-09 (0-0.2)	0.45714	0	0	0
Cadmium	2.5	7.5	4.3	1.5	1.5	WW-SS-07 (0-0.2)	0.6	1.3	2.5	WW-SS-XX-100609	1.2214	0	0	0
Calcium	NE	NE	NE	-	-	WW-SS-05 (0-0.2)	9680	22254	64900	WW-SS-09 (0-0.2)	22254	0	0	0
Chromium	30	NE	180	-	-	WW-SS-05 (0-0.2)	20.9	24.929	32.3	WW-SS-09 (0-0.2)	24.929	2	0	0
Cobalt	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	4	4.9	7.6	WW-SS-XX-100609	4.9	0	0	0
Copper	50	1720	270	-	-	WW-SS-05 (0-0.2)	51.9	119.96	347	WW-SS-06 (0-0.2)	119.96	7	0	1
Iron	NE	NE	NE	-	-	WW-SS-05 (0-0.2)	10200	14486	20500	WW-SS-07 (0-0.2)	14486	0	0	0
Lead	63	450	400	-	-	WW-SS-07 (0-0.2)	99.1	167.1	251	WW-SS-06 (0-0.2)	167.1	7	0	0
Magnesium	NE	NE	NE	-	-	WW-SS-05 (0-0.2)	5840	8798.6	18400	WW-SS-09 (0-0.2)	8798.6	0	0	0
Manganese	1600	2000	2000	-	-	WW-SS-04 (0-0.2)	188	328.29	963	WW-SS-09 (0-0.2)	328.29	0	0	0
Mercury	0.18	0.73	0.81	-	-	WW-SS-09 (0-0.2)	0.091	0.12986	0.2	WW-SS-XX-100609	0.12986	2	0	0
Nickel	30	130	310	-	-	WW-SS-05 (0-0.2)	14.6	19.257	24.2	WW-SS-XX-100609	19.257	0	0	0
Potassium	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	277	628.86	1710	WW-SS-09 (0-0.2)	628.86	0	0	0
Silver	2	8.3	180	1.35	1.4	WW-SS-09 (0-0.2)	0.1	0.35333	0.57	WW-SS-XX-100609	0.53714	0	0	0
Sodium	NE	NE	NE	-	-	WW-SS-05 (0-0.2)	103	279	954	WW-SS-09 (0-0.2)	279	0	0	0
Tin	NE	NE	NE	3.4	3.4	WW-SS-07 (0-0.2)	3.5	6.1167	9.3	WW-SS-08 (0-0.2)	5.4857	0	0	0
Vanadium	NE	NE	NE	-	-	WW-SS-07 (0-0.2)	13.3	18.8	24.8	WW-SS-09 (0-0.2)	18.8	0	0	0
Zinc	109	2480	10000	-	-	WW-SS-09 (0-0.2)	336	585.57	922	WW-SS-XX-100609	585.57	7	0	0
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.22717	0.242	WW-SS-07 (0-0.2)	0.063	0.063	0.063	WW-SS-07 (0-0.2)	0.10636	0	0	0

Table 8. Detected Surface Soil Analytical Results - Adjacent to Parcels 3 and 4
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Notes:

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

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total VOCs, Total PAHs, Total SVOCs, and Total PCBs are calculated using detects only.
Total PAHs are calculated using the list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, 2-Methylnaphthalene, Phenanthrene, and Pyrene

6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater

ND = Not Detected
NE = Not Established

Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the SCO it was compared to

Validation Qualifiers:

J = The result is an estimated value.
JN = The analyte is presumptively present at an approximated quantity.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Table 9. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcel 1
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Location				Parcel 1 [Block 2288 Lot 1]													Parcel 1 [Block 2288 Lot 1]		
Sample Name Sample Depth (feet bgs) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Industrial SCO	WW-SB-19 (2-3) 7/27/2009	WW-SB-19 (4-5) 7/6/2009	WW-SB-19 (14-15) 7/28/2009	WW-SB-19 (25-35) 7/29/2009	WW-SB-19 (47-50) 7/29/2009	WW-SB-20 (3-5) 6/29/2009	WW-SB-20 (55-57) 7/21/2009	WW-SB-20 (55-57) 7/21/2009	WW-SB-20 (62-63) 7/21/2009	WW-SB-21 (1-2) 7/1/2009	WW-SB-21 (33-34) 7/22/2009	WW-SB-21 (68-69) 7/22/2009	WW-SB-22 (3-4) 6/29/2009	WW-SB-22 (13-15) 7/1/2009	WW-SB-22 (37-38) 7/24/2009	WW-SB-22 (65-65.5) 7/27/2009
BTEX (mg/kg)																			
Benzene	0.06	0.06	89	0.006 U	0.006 U	0.03 U	0.032 U	0.0061 U	0.0057 U	**13**	**9**	**0.02**	0.0057 U	**23**	0.0061 UJ	0.0055 U	0.0059 U	**90**	**0.027**
Toluene	0.7	0.7	1000	**0.037**	0.006 U	0.03 U	0.032 U	0.0061 U	**0.00016 J**	**16**	**20**	0.0064 U	0.0057 U	**17**	0.0061 U	**0.00058 J**	0.0059 U	**200**	**0.062**
Ethylbenzene	1	1	780	**0.0091**	0.006 U	**0.0095 J**	**0.058**	**0.0071**	0.0057 U	**35**	**58**	**0.026**	0.0057 U	**160**	0.0061 UJ	0.0055 U	0.0059 U	**150**	**0.022**
Total Xylene	0.26	1.6	1000	**0.055**	0.006 U	**0.058**	**0.049**	**0.042**	0.0057 U	**42 J**	**71 J**	**0.03**	0.0057 U	**170**	0.0061 UJ	**0.00086 J**	0.0059 U	**260**	**0.054**
Total BTEX	NE	NE	NE	**0.1011**	ND	**0.0675**	**0.107**	**0.0491**	**0.00016**	**106**	**158**	**0.076**	ND	**370**	ND	**0.00144**	ND	**700**	**0.165**
Other VOCs (mg/kg)																			
Acetone	0.05	0.05	1000	0.024 U	0.024 UJ	0.12 U	**0.042 J**	**0.0064 J**	0.023 UJ	3.3 UJ	6.2 UJ	0.026 UJ	0.023 UJ	16 U	0.024 UJ	0.022 UJ	0.023 UJ	30 U	0.026 U
Carbon disulfide	NE	2.7*	NE	0.006 U	0.006 U	0.03 U	0.032 U	0.0061 U	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 UJ	6.3 U	0.0061 UJ	0.0055 U	**0.0011 J**	12 U	**0.0014 J**
Chloroform (Trichloromethane)	0.37	0.37	700	0.006 U	0.006 U	0.03 U	0.032 U	**0.00047 J**	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 U	6.3 U	0.0061 U	0.0055 U	0.0059 U	12 U	0.0065 U
cis-1,2-Dichloroethene	0.25	0.25	1000	0.006 U	0.006 U	0.03 U	**0.0045 J**	0.0061 U	0.0057 U	1.3 U	2.5 U	**0.0015 J**	0.0057 U	6.3 U	0.0061 UJ	0.0055 U	0.0059 U	12 U	0.0065 U
trans-1,2-Dichloroethene	0.19	0.19	1000	0.006 U	0.006 U	0.03 U	**0.01 J**	0.0061 U	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 U	6.3 U	0.0061 U	**0.00071 J**	0.0059 U	12 U	0.0065 U
Styrene	NE	NE	NE	0.006 U	0.006 U	0.03 U	0.032 U	0.0061 U	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 U	6.3 U	0.0061 UJ	0.0055 U	0.0059 U	**26**	0.0065 U
1,1,2,2-Tetrachloroethane	NE	0.6*	NE	0.006 U	0.006 U	0.03 U	0.032 U	0.0061 UJ	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 U	6.3 U	0.0061 U	0.0055 U	0.0059 U	12 U	0.0065 U
Trichloroethene (TCE)	0.47	0.47	400	0.006 U	0.006 U	0.03 U	**0.0053 J**	0.0061 U	0.0057 U	1.3 U	2.5 U	0.0064 U	0.0057 U	6.3 U	0.0061 UJ	0.0055 U	0.0059 U	12 U	0.0065 U
Total VOCs	NE	NE	NE	**0.1011**	ND	**0.0675**	**0.1688**	**0.05597**	**0.00016**	**106**	**158**	**0.0775**	ND	**370**	ND	**0.00215**	**0.0011**	**726**	**0.1664**
PAHs (mg/kg)																			
Acenaphthene	20	98	1000	**0.27 J**	**0.96**	0.32 U	**0.57**	0.33 U	0.61 U	**27 J**	**130 J**	**0.054 J**	**0.062 J**	**33**	0.32 U	**0.3 J**	0.31 U	**9.5 J**	0.35 U
Acenaphthylene	100	107	1000	**3.6**	**1.7**	0.32 U	0.35 U	0.33 U	0.61 U	**5.9 J**	**29 J**	**0.028 J**	**0.7**	**4.8 J**	0.32 U	**0.78**	0.31 U	**100**	0.35 U
Anthracene	100	1000	1000	**2.4**	**3.1**	**0.55**	**0.42**	0.33 U	0.61 U	**14 J**	**63 J**	**0.039 J**	**0.33**	**15**	0.32 U	**1.9**	0.31 U	**40 J**	0.35 U
Benzo(a)anthracene	1	1	11	**2.4**	**4.7**	**0.21 J**	**0.13 J**	0.33 U	0.61 U	**6.8 J**	**32 J**	**0.028 J**	**0.67**	**7.7**	0.32 U	**5.7**	0.31 U	**20 J**	0.35 U
Benzo(b)fluoranthene	1	1.7	11	**3.2**	**4.6**	**0.061 J**	**0.033 J**	0.33 U	0.61 U	**2.8 J**	**14 J**	0.34 U	**0.92**	**3.1 J**	0.32 U	**6**	0.31 U	**13 J**	0.35 U
Benzo(k)fluoranthene	0.8	1.7	110	**1.2**	**1.4**	0.32 U	0.35 U	0.33 U	0.61 U	**1.2 J**	67 U	0.34 U	**0.3 J**	**1.6 J**	0.32 U	**2.3**	0.31 U	65 U	0.35 U
Benzo(g,h,i)perylene	100	1000	1000	**1.1**	**3.6**	**0.048 J**	0.35 U	0.33 U	0.61 U	**1.9 J**	**8.1 J**	**0.42**	**0.93**	**1.4 J**	0.32 U	**5.2**	0.31 U	65 U	0.35 U
Benzo(a)pyrene	1	22	1.1	**4.5**	**5.4**	**0.11 J**	**0.061 J**	0.33 U	0.61 U	**4.9 J**	**22 J**	**0.02 J**	**0.93**	**5.2 J**	0.32 U	**7.3**	0.31 U	**15 J**	0.35 U
Chrysene	1	1	110	**3.3**	**5.1**	**0.26 J**	**0.18 J**	0.33 U	0.61 U	**6.6 J**	**29 J**	0.34 U	**0.81**	**7.5**	0.32 U	**5.9**	0.31 U	**19 J**	0.35 U
Dibenz(a,h)anthracene	0.33	1000	1.1	**0.63**	**1.2**	0.32 U	0.35 U	0.33 U	0.61 U	7 U	67 U	0.34 U	**0.31**	6.8 U	0.32 U	**1.7**	0.31 U	65 U	0.35 U
Fluoranthene	100	1000	1000	**2.8**	**9.1**	**0.21 J**	**0.12 J**	0.33 U	**0.049 J**	**11 J**	**50 J**	**0.035 J**	**0.86**	**13**	0.32 U	**9.4**	0.31 U	**38 J**	0.35 U
Fluorene	30	386	1000	**0.8**	**1.5**	**0.64**	**0.27 J**	0.33 U	0.61 U	**15 J**	**73 J**	**0.035 J**	**0.073 J**	**17**	0.32 U	**0.57 J**	0.31 U	**52 J**	0.35 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	11	**1.3**	**3.8**	**0.037 J**	0.35 U	0.33 U	0.61 U	**1.5 J**	**6.6 J**	**0.39**	**0.95**	**1.2 J**	0.32 U	**6**	0.31 U	65 U	0.35 U
2-Methylnaphthalene	NE	36.4*	NE	**0.15 J**	**0.58 J**	0.32 U	**0.85**	0.33 U	0.61 U	**74 J**	**390 J**	**0.12 J**	**0.043 J**	**76**	0.32 U	**0.46 J**	0.31 U	**280**	0.35 U
Naphthalene	12	12	1000	0.32 U	**0.89**	0.32 U	**2.4**	0.33 U	0.61 U	**120 J**	**760 J**	0.34 U	**0.068 J**	**120**	0.32 U	**1.1**	0.31 U	**840**	0.35 U
Phenanthrene	100	1000	1000	**2.5**	**9**	**2.1**	**0.89**	0.33 U	0.61 U	**47 J**	**220 J**	**0.12 J**	**0.51**	**50**	0.32 U	**7.5**	0.31 U	**130**	0.35 U
Pyrene	100	1000	1000	**5**	**8.9**	**0.64**	**0.36**	0.33 U	**0.054 J**	**18 J**	**84 J**	**0.051 J**	**1.2**	**20**	0.32 U	**9.2**	0.31 U	**36 J**	0.35 U
Total PAHs	NE	NE	NE	**35.15**	**65.53**	**4.866**	**6.284**	ND	**0.103**	**357.6**	**1910.7**	**1.34**	**9.666**	**376.5**	ND	**71.31**	ND	**1592.5**	ND
Other SVOCs (mg/kg)																			
Bis(2-ethylhexyl)phthalate	NE	435*	NE	0.32 U	**0.12 J**	0.32 U	0.35 U	0.33 U	**8.9**	7 U	67 U	0.34 U	**3.7 J**	6.8 U	**0.048 J**	**4.7**	**0.11 J**	65 U	0.35 U
Butyl benzyl phthalate	NE	122*	NE	0.32 U	0.63 U	0.32 U	0.35 U	0.33 U	**0.051 J**	7 U	67 U	0.34 U	0.31 U	6.8 U	0.32 U	0.6 U	0.31 U	65 U	0.35 U
Carbazole	NE	NE	NE	**0.31 J**	**0.95**	0.32 U	0.35 U	0.33 U	0.61 U	**0.56 J**	67 U	0.34 U	**0.079 J**	**0.45 J**	0.32 U	**0.77**	0.31 U	65 U	0.35 U
Dibenzofuran	7	210, 6.2*	1000	**0.2 J**	**0.93**	0.32 U	**0.073 J**	0.33 U	0.61 U	**1.7 J**	**9.4 J**	0.34 U	**0.031 J**	**2 J**	0.32 U	**0.56 J**	0.31 U	**8.3 J**	0.35 U
4-Nitroaniline	NE	NE	NE	**0.38**	0.63 U	0.32 U	0.35 U	0.33 U	0.61 U	7 U	67 U	0.34 U	0.31 U	6.8 U	0.32 U	0.6 U	0.31 U	65 U	0.35 U
Phenol	0.33	0.33	1000	0.32 U	0.63 U	0.32 U	0.35 U	0.33 U	0.61 U	7 U	67 U	0.34 U	0.31 U	6.8 U	0.32 U	**0.043 J**	0.31 U	65 U	0.35 U
Total SVOCs	NE	NE	NE	**36.04**	**67.53**	**4.866**	**6.357**	ND	**9.054**	**359.86**	**1920.1**	**1.34**	**13.476**	**378.95**	**0.048**	**77.383**	**0.11**	**1600.8**	ND

Table 9. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcel 1
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Location				Parcel 1 [Block 2288 Lot 1]													Parcel 1 [Block 2288 Lot 1]		
Sample Name Sample Depth (feet bgs) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Industrial SCO	WW-SB-19 (2-3) 7/27/2009	WW-SB-19 (4-5) 7/6/2009	WW-SB-19 (14-15) 7/28/2009	WW-SB-19 (25-35) 7/29/2009	WW-SB-19 (47-50) 7/29/2009	WW-SB-20 (3-5) 6/29/2009	WW-SB-20 (55-57) 7/21/2009	WW-SB-20 (55-57) 7/21/2009	WW-SB-20 (62-63) 7/21/2009	WW-SB-21 (1-2) 7/1/2009	WW-SB-21 (33-34) 7/22/2009	WW-SB-21 (68-69) 7/22/2009	WW-SB-22 (3-4) 6/29/2009	WW-SB-22 (13-15) 7/1/2009	WW-SB-22 (37-38) 7/24/2009	WW-SB-22 (65-65.5) 7/27/2009
PC Aroclor 1260																			
	NE	NE	NE	0.02 UJ	**0.017 J**	NA	NA	NA	0.019 U	NA	NA	NA	**0.012 J**	NA	NA	0.019 U	NA	NA	NA
Total PCB Aroclors	0.1	3.2	25	ND	**0.017**	NA	NA	NA	ND	NA	NA	NA	**0.012**	NA	NA	ND	NA	NA	NA
Pesticides (mg/kg)																			
gamma-Chlordane	NE	NE	NE	0.002 U	**0.00084 J**	NA	NA	NA	0.0019 U	NA	NA	NA	**0.0021 J**	NA	NA	0.0019 U	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	94	**0.064 J**	0.004 UJ	NA	NA	NA	0.0038 UJ	NA	NA	NA	0.0037 UJ	NA	NA	**0.0047 J**	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	180	0.004 UJ	0.004 U	NA	NA	NA	0.0038 U	NA	NA	NA	0.0037 U	NA	NA	0.0036 U	NA	NA	NA
Dieldrin	0.005	0.1	2.8	**0.0054 J**	0.004 U	NA	NA	NA	0.0038 U	NA	NA	NA	**0.002 J**	NA	NA	0.0036 U	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	920	0.002 U	0.002 U	NA	NA	NA	0.0019 UJ	NA	NA	NA	0.0019 UJ	NA	NA	0.0019 UJ	NA	NA	NA
beta-Endosulfan (II)	2.4	102	920	**0.011 JN**	0.004 UJ	NA	NA	NA	0.0038 UJ	NA	NA	NA	**0.0064 JN**	NA	NA	**0.0035 J**	NA	NA	NA
Endosulfan sulfate	2.4	1000	920	0.004 UJ	0.004 UJ	NA	NA	NA	0.0038 U	NA	NA	NA	0.0037 UJ	NA	NA	0.0036 U	NA	NA	NA
Endrin	0.014	0.06	410	**0.011 JN**	0.004 UJ	NA	NA	NA	0.0038 U	NA	NA	NA	0.0037 UJ	NA	NA	0.0036 U	NA	NA	NA
Endrin aldehyde	NE	NE	NE	**0.017 JN**	**0.0023 J**	NA	NA	NA	0.0038 UJ	NA	NA	NA	**0.0082 J**	NA	NA	**0.0093 J**	NA	NA	NA
Endrin ketone	NE	NE	NE	**0.015 JN**	0.004 UJ	NA	NA	NA	0.0038 U	NA	NA	NA	0.0037 UJ	NA	NA	0.0036 U	NA	NA	NA
Heptachlor	0.042	0.38	29	0.002 UJ	**0.00045 J**	NA	NA	NA	0.0019 U	NA	NA	NA	**0.0015 J**	NA	NA	0.0019 U	NA	NA	NA
Heptachlor epoxide	NE	0.02*	NE	0.002 U	0.002 UJ	NA	NA	NA	0.0019 U	NA	NA	NA	0.0019 UJ	NA	NA	0.0019 U	NA	NA	NA
Methoxychlor	NE	900*	NE	**0.045 JN**	0.02 UJ	NA	NA	NA	0.019 U	NA	NA	NA	0.019 UJ	NA	NA	0.019 U	NA	NA	NA
Herbicides (mg/kg)																			
Total Herbicides	NE	NE	NE	ND	ND	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA
Metals (mg/kg)																			
Aluminum	NE	NE	NE	**10100**	**8780**	**9390**	**3680**	**2980**	**9750**	**2350**	**1970**	**3570**	**6980**	**2820**	**1330**	**7350**	**10900**	**3570**	**3530**
Arsenic	13	16	16	6.1 UJ	**7.1 J**	**2.2 J**	6.7 U	6.1 U	**6.2 J**	6.8 U	6.2 U	6.7 U	**12.4 J**	6.6 U	6.1 U	**8.5 J**	6 U	6.4 U	6.8 U
Barium	350	820	10000	**102**	**139**	**54.1**	**24.1**	**28.6**	**366 J**	**12.2**	**9**	**29.7**	**160 J**	**19.2**	**14.1**	**158 J**	**94.2 J**	**30.7**	**26.9**
Beryllium	7.2	47	2700	**0.75 J**	**0.76 J**	**0.52 J**	**0.34 J**	**0.5 J**	**0.39 J**	**0.22 J**	**0.18 J**	**0.45 J**	**0.41 J**	**0.38 J**	**0.41 J**	**0.49 J**	**0.9 J**	**0.43 J**	**0.64 J**
Cadmium	2.5	7.5	60	**0.49 J**	1.5 UJ	1.4 UJ	1.6 UJ	1.4 UJ	1.4 U	**1.1 J**	**0.94 J**	**0.6 J**	**0.64 J**	**0.55 J**	1.5 UJ	**0.56 J**	1.4 UJ	**0.53 J**	1.6 UJ
Calcium	NE	NE	NE	**3010 J**	**4550 J**	**4300 J**	**1000 J**	**951 J**	**40600**	80.9 U	74.1 U	79.7 U	**46200**	78.2 U	73.1 U	**4130**	**2220**	75.7 U	**843 J**
Chromium	30	NE	6800	**16.1 J**	**17.1 J**	**29.3 J**	**10.4 J**	**11.8 J**	**13.7 J**	**6.6 J**	**7.4 J**	**11.7 J**	**16 J**	**11.7 J**	**8.6 J**	**16.2 J**	**30.6 J**	**15.8 J**	**20.5 J**
Cobalt	NE	NE	NE	**7.1**	**9.5**	**10.6**	**5.3**	**4.5 J**	**3 J**	**3.8**	**2.9**	**5.5**	**24.6 J**	**3.7**	**4.5 J**	**18.7 J**	**10.6 J**	**7.2**	**4.4 J**
Copper	50	1720	10000	**49.6**	**51.1 J**	**42.2**	**9.9**	**11.9**	**7.7**	**8.6**	**6**	**11.5**	**27.5 J**	**8.4**	**9.9**	**54.7 J**	**24.4 J**	**14.9**	**14.6**
Iron	NE	NE	NE	**20900**	**22700**	**25400**	**12800**	**38800**	**7780**	**12300**	**8930**	**19500**	**18600**	**12000**	**36200**	**20600**	**29500**	**13700**	**44700**
Lead	63	450	3900	**191**	**311**	**9.1**	**5**	**6.7**	**762 J**	**6.6 J**	**5.4 J**	**8.4 J**	**839 J**	**6.8 J**	**6.9 J**	**190 J**	**6.2 J**	**6.6 J**	**8.2 J**
Magnesium	NE	NE	NE	**2760 J**	**2290**	**2790 J**	**1200 J**	**630 J**	**14800**	**962 J**	**787 J**	**1150 J**	**5780**	**921 J**	73.1 UJ	**3030**	**5830**	**1220 J**	**564 J**
Manganese	1600	2000	10000	**231**	**600**	**765**	**193**	**445**	**387**	**245 J**	**120 J**	**481**	**375**	**82.6**	**935**	**458**	**715**	**331**	**483**
Mercury	0.18	0.73	5.7	**0.34**	**1.4**	0.056 U	0.062 U	0.057 U	**0.098 J**	0.063 U	0.058 U	0.061 U	**0.53 J**	0.062 U	0.06 U	**0.24 J**	0.057 UJ	0.056 U	**0.011 J**
Nickel	30	130	10000	**15.5**	**17.5**	**17.7**	**6.7**	**6.3**	**11.4**	**5.7**	**5**	**7.5**	**15.7**	**6.7**	**3.9 J**	**19.3**	**18.9**	**8.9**	**7.1 J**
Potassium	NE	NE	NE	**822 J**	**852 J**	**1520 J**	**561 J**	**411 J**	**1040**	80.9 U	74.1 U	**620**	**1220**	**476**	73.1 U	**1340**	**2910**	**603**	**523 J**
Selenium	3.9	4	6800	11 UJ	11.1 UJ	10.7 UJ	12 UJ	10.9 UJ	10.3 R	12.1 UJ	11.1 UJ	12 UJ	10.3 R	11.7 UJ	**10.5 J**	10 R	10.7 R	11.4 UJ	**8.1 J**
Silver	2	8.3	6800	1.5 UJ	1.5 UJ	**0.54 J**	1.6 U	1.4 UJ	**0.075 J**	1.6 U	1.5 U	1.6 U	1.4 UJ	**0.12 J**	**0.15 J**	**0.28 J**	1.4 UJ	**0.29 J**	**0.25 J**
Sodium	NE	NE	NE	73.2 UJ	**73.7 J**	**1050 J**	**85.3 J**	**45.6 J**	**1110 J**	80.9 UJ	74.1 UJ	79.7 UJ	**833 J**	78.2 UJ	73.1 UJ	**213 J**	**92.3 J**	75.7 UJ	81.2 UJ
Thallium	NE	NE	NE	4.4 UJ	4.4 U	4.3 UJ	4.8 UJ	**3.7 J**	4.1 UJ	4.9 U	4.4 U	4.8 U	**2.8 J**	4.7 U	4.4 UJ	4 UJ	4.3 UJ	4.5 U	4.9 UJ
Tin	NE	NE	NE	**9.5**	**14.7**	3.6 U	4 U	3.6 U	3.4 U	4 U	3.7 U	4 U	**12.3**	3.9 U	3.7 U	**12.2**	3.6 U	3.8 U	4.1 U
Vanadium	NE	NE	NE	**37.2**	**24.4**	**54.1**	**20.3**	**21.7**	**18.8**	**11 J**	**10 J**	**19.2 J**	**22.1**	**28.1 J**	**20.2 J**	**23.2**	**52.3**	**26.2 J**	**23.6 J**
Zinc	109	2480	10000	**182**	**232**	**38.2**	**24**	**25 J**	**142 J**	**14.5 J**	**11 J**	**28.8 J**	**262 J**	**18.7 J**	**24.2 J**	**270 J**	**63.4 J**	**21.1 J**	**30.8**
Cyanides (mg/kg)																			
Free Cyanide	NE	NE	NE	0.241 U	0.238 U	0.231 U	0.257 U	0.241 U	0.227 U	0.26 U	0.246 U	0.254 U	**0.0456 J**	0.25 U	0.241 U	0.22 U	0.234 U	0.241 U	0.258 U
Other (mg/kg)																			
Ammonia	NE	NE	NE	**4.6 J**	2.4 U	**20.2**	**5.4 J**	2.4 U	**1.5 J**	NA	NA	NA	**1.4 J**	**14.9**	2.4 U	**1.7 J**	**7.5**	**16.3**	**3.5 J**

Table 9. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcel 1
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Location				Adjacent to Parcel 1									Adjacent to Parcel 1					
				Wythe Ave. ROW			N. 11th St. ROW				N. 12th St. ROW		N. 12th St. ROW		N. 11th St. ROW		N. 12th St. ROW	
Sample Name Sample Depth (feet bgs) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Industrial SCO	WW-MW-01 (0.5-5) 6/16/2009	WW-MW-01 (16-17) 6/16/2009	WW-MW-01 (63-64) 6/16/2009	WW-MW-02 (2-5) 7/10/2009	Duplicate of WW-MW-02 (2-5) 7/10/2009	WW-MW-02 (15-17) 7/10/2009	WW-MW-02 (50-53) 7/13/2009	WW-MW-03 (2-5) 6/23/2009	WW-MW-03 (28-30) 6/24/2009	WW-MW-03 (60-63) 6/26/2009	Duplicate of WW-MW-03 (60-63) 6/26/2009	WW-SB-01 (1-5) 7/10/2009	WW-SB-01 (14-15) 7/10/2009	WW-SB-02 (2-5) 7/8/2009	WW-SB-02 (10.5-11.5) 7/8/2009
BTEX (mg/kg)																		
Benzene	0.06	0.06	89	**0.0012 J**	**0.00098 J**	**0.00072 J**	0.0058 U	0.0059 U	0.0059 U	0.0061 U	**0.0069**	**17**	**0.0097**	**0.0092**	0.0058 U	0.0055 U	**0.0014 J**	**0.012 J**
Toluene	0.7	0.7	1000	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	**0.00033 J**	0.0061 U	0.0057 U	**160**	**0.026 J**	0.0053 U	0.0058 U	0.0055 U	**0.0012 J**	0.03 U
Ethylbenzene	1	1	780	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	**290**	**0.033 J**	**0.011 J**	0.0058 U	0.0055 U	0.006 U	**0.11 J**
Total Xylene	0.26	1.6	1000	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	**420**	**0.046 J**	0.0053 U	0.0058 U	**0.001 J**	0.006 U	**0.02 J**
Total BTEX	NE	NE	NE	**0.0012**	**0.00098**	**0.00072**	ND	ND	**0.00033**	ND	**0.0069**	**887**	**0.1147**	**0.0202**	ND	**0.001**	**0.0026**	**0.142**
Other VOCs (mg/kg)																		
Acetone	0.05	0.05	1000	**0.043 J**	**0.065 J**	**0.059 J**	**0.005 J**	0.024 UJ	0.024 UJ	0.024 UJ	0.023 U	31 U	0.025 U	0.021 U	0.023 UJ	**0.064 J**	0.024 UJ	0.12 UJ
Carbon disulfide	NE	2.7*	NE	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	**0.0014 J**	0.0061 UJ	0.0057 U	13 U	**0.0018 J**	0.0053 U	0.0058 U	**0.0016 J**	0.006 U	0.03 U
Chloroform (Trichloromethane)	0.37	0.37	700	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	0.0055 U	0.006 U	0.03 U
cis-1,2-Dichloroethene	0.25	0.25	1000	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	0.0055 U	0.006 U	0.03 U
trans-1,2-Dichloroethene	0.19	0.19	1000	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	0.0055 U	0.006 U	0.03 U
Styrene	NE	NE	NE	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	0.0055 U	0.006 U	0.03 U
1,1,2,2-Tetrachloroethane	NE	0.6*	NE	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	**0.03 J**	0.006 U	**0.2 J**
Trichloroethene (TCE)	0.47	0.47	400	0.0051 U	0.0051 U	0.0055 U	0.0058 U	0.0059 U	0.0059 U	0.0061 U	0.0057 U	13 U	0.0062 U	0.0053 U	0.0058 U	0.0055 U	0.006 U	0.03 U
Total VOCs	NE	NE	NE	**0.0442**	**0.06598**	**0.05972**	**0.005**	ND	**0.00173**	ND	**0.0069**	**887**	**0.1165**	**0.0202**	ND	**0.0966**	**0.0026**	**0.342**
PAHs (mg/kg)																		
Acenaphthene	20	98	1000	0.27 U	0.27 U	0.3 U	**0.25 J**	**0.29 J**	**0.89 J**	0.33 U	**0.18 J**	**72**	0.33 U	**0.046 J**	0.31 U	**0.69 J**	0.32 U	**1.1 J**
Acenaphthylene	100	107	1000	0.27 U	0.27 U	0.3 U	**5.9**	**7.2**	**0.18 J**	0.33 U	**0.42**	**17 J**	0.33 U	**0.018 J**	0.31 U	0.3 UJ	**0.027 J**	0.32 UJ
Anthracene	100	1000	1000	0.27 U	0.27 U	0.3 U	**2.7**	**2.9**	**0.27 J**	0.33 U	**0.59**	**38 J**	0.33 U	**0.027 J**	0.31 U	**1.1 J**	**0.051 J**	**0.87 J**
Benzo(a)anthracene	1	1	11	**0.02 J**	**0.011 J**	**0.017 J**	**4.4**	**3.7**	**2 J**	0.33 U	**1.7**	**19 J**	0.33 U	**0.015 J**	0.31 U	**0.34 J**	**0.26 J**	**0.51 J**
Benzo(b)fluoranthene	1	1.7	11	0.27 U	0.27 U	0.3 U	**6.2**	**7.3**	**0.84 J**	0.33 U	**1.7**	**8.7 J**	0.33 U	0.28 U	0.31 U	**0.069 J**	**0.34**	**0.27 J**
Benzo(k)fluoranthene	0.8	1.7	110	0.27 U	0.27 U	0.3 U	**2.3**	**2.6**	**0.29 J**	0.33 U	**0.64**	66 U	0.33 U	0.28 U	0.31 U	0.3 UJ	**0.13 J**	**0.09 J**
Benzo(g,h,i)perylene	100	1000	1000	0.27 U	0.27 U	0.3 U	**3.2**	**3.2**	**0.18 J**	0.33 U	**1**	**4.5 J**	0.33 U	0.28 U	0.31 U	**0.31 J**	**0.61**	**0.18 J**
Benzo(a)pyrene	1	22	1.1	0.27 U	0.27 U	0.3 U	**6.5**	**8.8**	**0.76 J**	0.33 U	**1.9**	**14 J**	0.33 U	**0.0081 J**	0.31 U	**0.14 J**	**0.43**	**0.37 J**
Chrysene	1	1	110	0.27 U	0.27 U	0.3 U	**5.7**	**4.7**	**1.7 J**	0.33 U	**1.6**	**18 J**	0.33 U	0.28 U	0.31 U	**0.45 J**	**0.27 J**	**0.5 J**
Dibenz(a,h)anthracene	0.33	1000	1.1	0.27 U	0.27 U	0.3 U	**1.4**	**1.4**	**0.21 J**	0.33 U	**0.52**	66 U	0.33 U	0.28 U	0.31 U	**0.21 J**	**0.46**	**0.12 J**
Fluoranthene	100	1000	1000	**0.022 J**	0.27 U	0.3 U	**5.8 J**	**4 J**	**9.9 J**	0.33 U	**2.5**	**32 J**	0.33 U	**0.021 J**	0.31 U	**0.29 J**	**0.28 J**	**0.86 J**
Fluorene	30	386	1000	0.27 U	0.27 U	0.3 U	**0.82**	**0.88**	**0.74 J**	0.33 U	**0.22 J**	**43 J**	0.33 U	**0.035 J**	0.31 U	**0.8 J**	0.32 U	**0.93 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	11	0.27 U	0.27 U	0.3 U	**3.2**	**3.4**	**0.22 J**	0.33 U	**1.2**	**46 J**	0.33 U	0.28 U	0.31 U	**0.25 J**	**0.63**	**0.2 J**
2-Methylnaphthalene	NE	36.4*	NE	0.27 U	**0.0094 J**	**0.017 J**	**0.36 J**	**0.27 J**	0.64 UJ	0.33 U	**0.14 J**	**270**	**0.044 J**	**0.24 J**	0.31 U	0.3 UJ	**0.049 J**	**2.1 J**
Naphthalene	12	12	1000	0.27 U	**0.024 J**	**0.029 J**	**0.51 J**	**0.4 J**	0.64 UJ	0.33 U	**0.38**	**1000**	**0.19 J**	**1.2 J**	0.31 U	0.3 UJ	**0.082 J**	**1.1 J**
Phenanthrene	100	1000	1000	**0.025 J**	**0.023 J**	**0.022 J**	**4.4 J**	**2.1 J**	**0.05 J**	0.33 U	**2.6**	**130**	**0.023 J**	**0.11 J**	0.31 U	**2.8 J**	**0.18 J**	**2.4 J**
Pyrene	100	1000	1000	**0.033 J**	**0.013 J**	**0.015 J**	**7.8**	**5.9**	**6.6 J**	0.33 U	**3.8**	**55 J**	0.33 U	**0.034 J**	0.31 U	**1 J**	**0.34**	**1.5 J**
Total PAHs	NE	NE	NE	**0.1**	**0.0804**	**0.1**	**61.44**	**59.04**	**24.83**	ND	**21.09**	**1767.2**	**0.257**	**1.7541**	ND	**8.449**	**4.139**	**13.1**
Other SVOCs (mg/kg)																		
Bis(2-ethylhexyl)phthalate	NE	435*	NE	**0.37**	**0.53**	**0.04 J**	0.61 U	0.63 U	**0.11 J**	**0.11 J**	**0.95**	66 U	0.33 U	0.28 U	**0.48 J**	**0.63 J**	**0.5**	**0.18 J**
Butyl benzyl phthalate	NE	122*	NE	0.27 U	0.27 U	0.3 U	0.61 U	0.63 U	0.64 UJ	0.33 U	0.31 U	66 U	0.33 U	0.28 U	**0.12 J**	0.3 UJ	**0.13 J**	0.32 UJ
Carbazole	NE	NE	NE	0.27 U	0.27 U	0.3 U	**0.37 J**	**0.43 J**	0.64 UJ	0.33 U	**0.2 J**	66 U	0.33 U	0.28 U	0.31 U	0.3 UJ	0.32 U	0.32 UJ
Dibenzofuran	7	210, 6.2*	1000	0.27 U	0.27 U	0.3 U	**0.17 J**	**0.12 J**	0.64 UJ	0.33 U	**0.11 J**	**6 J**	0.33 U	0.28 U	0.31 U	0.3 UJ	0.32 U	**0.47 J**
4-Nitroaniline	NE	NE	NE	0.27 U	0.27 U	0.3 U	0.61 U	0.63 U	0.64 UJ	0.33 U	0.31 U	66 U	0.33 U	0.28 U	0.31 U	0.3 UJ	0.32 U	0.32 UJ
Phenol	0.33	0.33	1000	0.27 U	0.27 U	0.3 U	0.61 U	0.63 U	0.64 UJ	0.33 U	0.31 U	66 U	0.33 U	0.28 U	0.31 U	0.3 UJ	0.32 U	0.32 UJ
Total SVOCs	NE	NE	NE	**0.47**	**0.6104**	**0.14**	**61.98**	**59.59**	**24.94**	**0.11**	**22.35**	**1773.2**	**0.257**	**1.7541**	**0.6**	**9.079**	**4.769**	**13.75**

Table 9. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcel 1
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

Location				Adjacent to Parcel 1									Adjacent to Parcel 1					
				Wythe Ave. ROW			N. 11th St. ROW				N. 12th St. ROW		N. 12th St. ROW		N. 11th St. ROW		N. 12th St. ROW	
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Industrial SCO	WW-MW-01 (0.5-5)	WW-MW-01 (16-17)	WW-MW-01 (63-64)	WW-MW-02 (2-5)	Duplicate of WW-MW-02 (2-5)	WW-MW-02 (15-17)	WW-MW-02 (50-53)	WW-MW-03 (2-5)	WW-MW-03 (28-30)	WW-MW-03 (60-63)	Duplicate of WW-MW-03 (60-63)	WW-SB-01 (1-5)	WW-SB-01 (14-15)	WW-SB-02 (2-5)	WW-SB-02 (10.5-11.5)
Sample Depth (feet bgs)				6/16/2009	6/16/2009	6/16/2009	7/10/2009	7/10/2009	7/10/2009	7/13/2009	6/23/2009	6/24/2009	6/26/2009	6/26/2009	7/10/2009	7/10/2009	7/8/2009	7/8/2009
Sample Date																		
PC Aroclor 1260																		
	NE	NE	NE	0.017 U	NA	NA	0.02 U	0.02 U	NA	NA	**0.023 JN**	NA	NA	NA	0.02 U	NA	**0.0067 J**	NA
Total PCB Aroclors	0.1	3.2	25	ND	NA	NA	ND	ND	NA	NA	**0.023**	NA	NA	NA	ND	NA	**0.0067**	NA
Pesticides (mg/kg)																		
gamma-Chlordane	NE	NE	NE	0.0017 U	NA	NA	0.002 U	0.002 U	NA	NA	**0.0031 J**	NA	NA	NA	0.002 U	NA	**0.00088 J**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	94	0.0033 UJ	NA	NA	**0.015 J**	**0.034 J**	NA	NA	**0.0099 JN**	NA	NA	NA	0.0038 U	NA	**0.002 J**	NA
4,4'-DDD (p,p-DDD)	0.0033	14	180	0.0033 U	NA	NA	**0.037 J**	**0.034 J**	NA	NA	0.0038 UJ	NA	NA	NA	0.0038 U	NA	0.0039 U	NA
Dieldrin	0.005	0.1	2.8	0.0033 U	NA	NA	0.0038 U	0.0039 U	NA	NA	**0.0057 J**	NA	NA	NA	0.0038 U	NA	0.0039 U	NA
alpha-Endosulfan (I)	2.4	102	920	0.0017 U	NA	NA	0.002 U	0.002 U	NA	NA	**0.0084 J**	NA	NA	NA	0.002 U	NA	0.002 UJ	NA
beta-Endosulfan (II)	2.4	102	920	0.0033 U	NA	NA	**0.01 J**	0.0039 U	NA	NA	**0.01 J**	NA	NA	NA	0.0038 U	NA	0.0039 U	NA
Endosulfan sulfate	2.4	1000	920	0.0033 U	NA	NA	**0.012 JN**	**0.011 J**	NA	NA	**0.0093 JN**	NA	NA	NA	0.0038 U	NA	0.0039 UJ	NA
Endrin	0.014	0.06	410	0.0033 U	NA	NA	0.0038 U	0.0039 U	NA	NA	**0.0046 JN**	NA	NA	NA	0.0038 U	NA	0.0039 UJ	NA
Endrin aldehyde	NE	NE	NE	0.0033 U	NA	NA	**0.01 JN**	**0.013 J**	NA	NA	**0.011 J**	NA	NA	NA	0.0038 U	NA	0.0039 U	NA
Endrin ketone	NE	NE	NE	0.0033 U	NA	NA	**0.024 J**	**0.036 J**	NA	NA	**0.015 J**	NA	NA	NA	0.0038 U	NA	0.0039 UJ	NA
Heptachlor	0.042	0.38	29	0.0017 UJ	NA	NA	0.002 U	0.002 U	NA	NA	0.0019 U	NA	NA	NA	0.002 U	NA	0.002 UJ	NA
Heptachlor epoxide	NE	0.02*	NE	0.0017 U	NA	NA	**0.0036 JN**	**0.0033 J**	NA	NA	0.0019 U	NA	NA	NA	0.002 U	NA	**0.00076 J**	NA
Methoxychlor	NE	900*	NE	0.017 U	NA	NA	0.02 U	0.02 U	NA	NA	**0.017 J**	NA	NA	NA	0.02 U	NA	0.02 UJ	NA
Herbicides (mg/kg)																		
Total Herbicides	NE	NE	NE	ND	NA	NA	ND	ND	NA	NA	ND	NA	NA	NA	ND	NA	ND	NA
Metals (mg/kg)																		
Aluminum	NE	NE	NE	**10700 J**	**6330 J**	**3190 J**	**8230**	**9380**	**2990**	**5080**	**7820**	**3090**	**2600**	**2910**	**10000**	**7320**	**7350**	**3950**
Arsenic	13	16	16	**2.3 J**	**2 J**	5.5 UJ	**8.9 J**	**7.2 J**	5.9 UJ	**4.3 J**	**7.8 J**	**2 J**	**3.4 J**	**2.7 J**	**2.7 J**	5.6 UJ	**5.9 J**	6.2 UJ
Barium	350	820	10000	**51.2 J**	**46.8 J**	**27.9 J**	**193**	**189**	**15.4**	**40.4**	**159 J**	**20.8 J**	**17.1 J**	**16.2 J**	**32.6**	**152**	**83.7**	**32**
Beryllium	7.2	47	2700	**0.82 J**	**0.86 J**	**0.56 J**	**0.68 J**	**0.7 J**	**0.46 J**	**0.43 J**	**0.4 J**	**0.25 J**	**0.58 J**	**0.58 J**	**0.6 J**	**0.85 J**	**0.6 J**	**0.34 J**
Cadmium	2.5	7.5	60	1.2 U	1.3 UJ	1.3 UJ	1.4 UJ	1.5 UJ	1.4 UJ	1.5 UJ	**0.6 J**	1.5 U	1.6 UJ	1.3 UJ	1.4 UJ	1.3 UJ	1.5 UJ	1.5 U
Calcium	NE	NE	NE	**1880 J**	**1020 J**	**960 J**	**16900 J**	**2860 J**	**647 J**	75.9 U	**15100 J**	**1320 J**	**554 J**	**499 J**	**694 J**	**2420 J**	**22200 J**	**10900 J**
Chromium	30	NE	6800	**21.7 J**	**17.8 J**	**11.1 J**	**18.9 J**	**33 J**	**14.2 J**	**16.1**	**14.8 J**	**9.4 J**	**14.1 J**	**16.5 J**	**16.5 J**	**14.9 J**	**19.9 J**	**11.6 J**
Cobalt	NE	NE	NE	**5.8 J**	**7.7 J**	**3.1 J**	**7.4**	**9.1**	**6.4**	**3.4 J**	**5.2**	**4.7**	**4.8 J**	**4.6 J**	**8.8**	**7.8**	**8.4**	**3.2**
Copper	50	1720	10000	**18.6**	**26.6 J**	**23.4 J**	**59.7 J**	**62.7 J**	**11 J**	**11.3 J**	**50 J**	**7.6 J**	**10 J**	**9.6 J**	**12.9 J**	**6.8 J**	**31.7 J**	**12.3 J**
Iron	NE	NE	NE	**16500 J**	**20800 J**	**31100 J**	**20100**	**21000**	**28600**	**38300 J**	**14000**	**8850**	**40300**	**38800**	**21200**	**24900**	**27500**	**13000**
Lead	63	450	3900	**7.7**	**7.2**	**6.8**	**320**	**232**	**7.8 J**	**16 J**	**459 J**	**6.5 J**	**6.5 J**	**6.2 J**	**8.2**	4 UJ	**75.9**	**19.1**
Magnesium	NE	NE	NE	**2910 J**	**2100 J**	**902 J**	**6580 J**	**2410 J**	**977**	**1510**	**3820**	**1140**	**540**	**475**	**2690**	**4720**	**5680**	**1640**
Manganese	1600	2000	10000	**125 J**	**455 J**	**518 J**	**233**	**295**	**378**	**162**	**261**	**196**	**550**	**409**	**512**	**528**	**604**	**268**
Mercury	0.18	0.73	5.7	**0.018**	**0.0067 J**	**0.014 J**	**0.55**	**0.62**	**0.0059 J**	**0.012 J**	**0.65 J**	**0.0055 J**	**0.008 J**	0.053 UJ	**0.024**	0.053 U	**0.1**	**0.033**
Nickel	30	130	10000	**16.3 J**	**12.8 J**	**5.3 J**	**18.6**	**16.3**	**13**	**5.6**	**13.2 J**	**8.6 J**	**5.8 J**	**5.5 J**	**14.9**	**9.6**	**15.4**	**7.2**
Potassium	NE	NE	NE	**1250 J**	**1330 J**	**475 J**	**919 J**	**852 J**	**454 J**	**1190 J**	**1150 J**	**576 J**	**271 J**	**227 J**	**898 J**	**3710 J**	**1170 J**	**518 J**
Selenium	3.9	4	6800	9.3 R	9.4 R	9.9 R	10.4 UJ	10.9 UJ	**7.7 J**	11.4 UJ	10.4 U	11.2 U	11.6 UJ	**4.6 J**	10.5 UJ	**6.4 J**	11 UJ	11 UJ
Silver	2	8.3	6800	1.2 U	1.3 UJ	1.3 UJ	1.4 UJ	1.5 UJ	**0.14 J**	1.5 UJ	**0.27 J**	1.5 U	**0.53 J**	**0.38 J**	1.4 UJ	**0.11 J**	1.5 UJ	1.5 UJ
Sodium	NE	NE	NE	**99.4**	**71.7**	**19.4 J**	**210**	**152**	70.4 UJ	75.9 U	**595 J**	**71 J**	77.6 U	65.8 U	**89.1**	66.7 UJ	**324**	73.6 U
Thallium	NE	NE	NE	3.7 U	3.8 U	**1.9 J**	4.2 U	4.4 U	4.2 U	4.6 U	4.2 U	4.5 U	4.7 UJ	3.9 UJ	4.2 U	4 U	4.4 U	4.4 U
Tin	NE	NE	NE	3.1 U	3.1 U	3.3 U	**11.7**	**18.1**	3.5 U	3.8 U	**24.2**	3.7 U	3.9 U	3.3 U	3.5 U	3.3 U	**4.4**	3.7 U
Vanadium	NE	NE	NE	**23.7 J**	**28.2 J**	**21.1 J**	**22.6**	**21.1**	**19.9**	**24.3**	**21 J**	**16.5 J**	**27.4**	**25.5 J**	**23.7**	**41.5**	**32.5**	**15.1**
Zinc	109	2480	10000	**49.6 J**	**39.1 J**	**28.5 J**	**190**	**166**	**24.8**	**27.6**	**258 J**	**19.5 J**	**33**	**31.1 J**	**37.8**	**44.9**	**119**	**30.4**
Cyanides (mg/kg)																		
Free Cyanide	NE	NE	NE	0.202 U	0.201 U	0.219 U	0.229 U	0.234 U	0.236 UJ	0.241 U	0.229 U	0.25 U	0.248 U	0.21 U	0.232 U	0.222 UJ	0.237 U	0.235 UJ
Other (mg/kg)																		
Ammonia	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcel 1
Remedial Investigation Report
Portion of K - Williasmburg Works Site
Brooklyn, NY

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

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total VOCs, Total PAHs, Total SVOCs, and Total PCBs are calculated using detects only.
Total PAHs are calculated using the list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, 2-Methylnaphthalene, Phenanthrene, and Pyrene

6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York

Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater

NA = Not Analyzed
ND = Not Detected
NE = Not Established

Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the SCO it was compared to

Validation Qualifiers:
J = The result is an estimated value.
JN = The analyte is presumptively present at an approximated quantity.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2														
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10	BPB-10	BPB-11	BPB-11	BPB-12	BPB-12	BPB-12	BPB-14	BPB-14	BPB-15	BPB-15	BPB-17	BPB-18	BPB-18
Sample Depth (feet)				9-11	55-57	7-9	55-57	7-9	49-51	58-60	19-21	57-59	15-17	59-61	21-23	15-17	55-57
Sample Date				4/28/2006	4/28/2006	4/25/2006	5/3/2006	4/27/2006	4/27/2006	4/27/2006	5/5/2006	5/8/2006	5/10/2006	5/11/2006	5/25/2006	5/1/2006	5/1/2006
BTEX (mg/kg)																	
Benzene	0.06	0.06	4.8	**21**	**0.38**	**1.5**	**0.026**	**0.73**	**85**	**0.22**	**91**	**0.028**	**86**	U	**2400**	**15**	**0.045**
Toluene	0.7	0.7	100	**5.3**	**0.003**	**0.25**	**0.005**	**0.23**	**190**	**0.014**	**250**	U	**20**	**0.003**	**3100**	**140**	**0.004**
Ethylbenzene	1	1	41	**48**	**0.003**	**19**	**0.005**	**5.5**	**93**	**0.003**	**88**	U	**490**	U	**740**	**30**	**0.057**
o-Xylene	0.26	1.6	100	**18**	U	**2.8**	**0.003**	**0.36**	**63**	U	**91**	U	**200**	U	**760**	**52**	**0.039**
m/p-Xylene	0.26	1.6	100	**40**	U	**4.8**	**0.006**	**1.1**	**140**	**0.002**	**210**	U	**480**	U	**1900**	**120**	**0.037**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**132.3**	**0.386**	**28.35**	**0.045**	**7.92**	**571**	**0.239**	**730**	**0.028**	**1276**	**0.003**	**8900**	**357**	**0.182**
Other VOCs (mg/kg)																	
Acetone	0.05	0.05	100	12 U	**0.015**	5.9 U	**0.026**	2.9 U	56 U	**0.012**	**20**	**0.018**	**20**	**0.019**	**560**	58 U	**0.067**
n-Butylbenzene	12	12	100	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
sec-Butylbenzene	11	11	100	U	U	**0.34**	U	**0.48**	11 U	U	12 U	U	U	U	62 U	12 U	U
tert-Butylbenzene	5.9	5.9	100	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
Carbon disulfide	NE	NE	NE	12 U	U	5.9 U	U	**2.3**	56 U	U	60 U	U	32 U	U	310 U	58 U	U
Chlorobenzene	1.1	1.1	100	2.4 U	U	U	U	U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
Chloroform (Trichloromethane)	0.37	0.37	49	2.4 U	U	1.2 U	U	0.57 U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**2.4**	U	**1.7**	U	**0.27**	11 U	U	12 U	U	**15**	U	62 U	12 U	U
1,2-Dibromo-3-chloropropane	NE	NE	NE	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
1,1-Dichloroethane	0.27	0.27	26	2.4 U	U	1.2 U	U	0.57 U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
1,1-Dichloroethene	0.33	0.33	100	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
cis-1,2-Dichloroethene	0.25	0.25	100	U	U	U	U	U	11 U	U	**21**	U	U	U	62 U	12 U	U
trans-1,2-Dichloroethene	0.19	0.19	100	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
1,2-Dichloropropane	NE	NE	NE	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
Isopropylbenzene	NE	NE	NE	**4.3**	U	**4.1**	U	**3.2**	11 U	U	12 U	U	**39**	U	62 U	12 U	U
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	12 U	U	5.9 U	U	2.9 U	56 U	U	60 U	U	32 U	U	**230**	58 U	U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	2.4 U	U	U	U	U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	12 U	0.051 U	U	U	U	56 U	U	60 U	U	32 U	U	310 U	58 U	U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	9.7 U	**0.01**	4.8 U	**0.008**	2.3 U	**5.7**	**0.01**	**9.6**	**0.005**	25 U	U	**140**	**6.4**	**0.009**
Naphthalene	12	12	100	**430**	**0.006**	**100**	**0.073**	**10**	**830**	**0.002**	**1200**	U	**2100**	U,B	**15000**	**630**	**0.39**
n-Propylbenzene	3.9	3.9	100	**3.3**	U	**1.8**	U	**0.97**	**4.4**	U	**5.1**	U	**16**	U	**36**	**2.6**	**0.003**
Styrene	NE	NE	NE	U	U	U	U	U	**79**	U	**150**	U	U	U	**1400**	**120**	U
1,1,2,2-Tetrachloroethane	NE	NE	NE	2.4 U	U	1.2 U	U	U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
Tetrachloroethene (PCE)	1.3	1.3	19	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U
1,1,2-Trichloroethane	NE	NE	NE	U	U	U	U	U	11 U	U	12 U	U	U	U	62 U	12 U	U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2													
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10	BPB-10	BPB-11	BPB-11	BPB-12	BPB-12	BPB-12	BPB-14	BPB-14	BPB-15	BPB-15	BPB-17	BPB-18	BPB-18
Sample Depth (feet)				9-11	55-57	7-9	55-57	7-9	49-51	58-60	19-21	57-59	15-17	59-61	21-23	15-17	55-57
Sample Date				4/28/2006	4/28/2006	4/25/2006	5/3/2006	4/27/2006	4/27/2006	4/27/2006	5/5/2006	5/8/2006	5/10/2006	5/11/2006	5/25/2006	5/1/2006	5/1/2006
Trichloroethene (TCE)	0.47	0.47	21	U	U	1.2 U	U	U	11 U	U	**7.8**	U	U	U	62 U	12 U	U
1,2,4-Trimethylbenzene	3.6	3.6	52	**38**	U	**17**	**0.003**	**1.4**	**78**	U	**120**	U	**250**	U	**980**	**58**	**0.04**
1,3,5-Trimethylbenzene	8.4	8.4	52	**7.9**	U	**4.3**	U	**0.13**	**20**	U	**29**	**0.005**	**56**	U	**250**	**16**	**0.014**
Vinyl chloride	0.02	0.02	0.9	2.4 U	U	1.2 U	U	0.57 U	11 U	U	12 U	U	6.3 U	U	62 U	12 U	U
Total VOCs	NE	NE	NE	**618.2**	**0.417**	**157.59**	**0.155**	**26.67**	**1588.1**	**0.263**	**2292.5**	**0.056**	**3772**	**0.022**	**27496**	**1190**	**0.705**
PAHs (mg/kg)																	
Acenaphthene	20	98	100	**47**	U	**18**	U	**8.3**	**22**	U	**20**	U	**210**	U	1000 U	**7.4**	**0.37**
Acenaphthylene	100	107	100	**29**	U	**7.1**	**0.084**	**2.1**	**72**	U	**270**	U	**150**	**0.27**	**3500**	**110**	**3.5**
Anthracene	100	1000	100	**32**	U	**10**	U	**1.4**	**27**	U	**70**	U	**130**	U	1000 U	U	**1.2**
Benzo(a)anthracene	1	1	1	**18**	U	**4.4**	U	1.9 U	**6.5**	U	**17**	U	**48**	U	1000 U	20 U	**0.53**
Benzo(b)fluoranthene	1	1.7	1	**16**	U	**5.1**	U	**1.2**	**6.4**	U	**15**	U	**26**	**0.051**	1000 U	**4.9**	**0.36**
Benzo(k)fluoranthene	0.8	1.7	3.9	11 U	U	**0.46**	U	1.9 U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	0.42 U
Benzo(g,h,i)perylene	100	1000	100	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Benzo(a)pyrene	1	22	1	**19**	U	**5.5**	0.2 U	**1.4**	**9.8**	0.2 U	**23**	0.2 U	**39**	**0.067**	**210**	**8.2**	**0.5**
Chrysene	1	1	3.9	**18**	U	**3.9**	U	1.9 U	**5.7**	U	**13**	U	**44**	U	1000 U	20 U	**0.45**
Dibenz(a,h)anthracene	0.33	1000	0.33	11 U	0.2 U	2 U	0.2 U	1.9 U	9.4 U	0.2 U	20 U	0.2 U	20 U	0.2 U	1000 U	20 U	0.42 U
Fluoranthene	100	1000	100	**29**	U	**9.4**	U	**1.5**	**12**	U	**46**	U	**120**	U	1000 U	U	**1**
Fluorene	30	386	100	**32**	U	**7.1**	U	**1.8**	**32**	U	**87**	U	**120**	**0.1**	**1000**	**33**	**1.4**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	11 U	U	U	U	U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	U
2-Methylnaphthalene	NE	NE	NE	**88**	U	**15**	**0.098**	**0.71**	**84**	U	**320**	U	**350**	**0.076**	**3600**	**140**	**4.1**
Naphthalene	12	12	100	**160**	U	**34**	**0.066**	**0.73**	**150**	U	**1000**	U	**770**	U	**11000**	**290**	**3.7**
Phenanthrene	100	1000	100	**120**	U	**26**	U	**10**	**100**	U	**250**	U	**400**	**0.26**	**1500**	**73**	**4.4**
Pyrene	100	1000	100	**49**	U	**9.5**	**0.067**	**4.7**	**34**	U	**74**	U	**120**	**0.22**	**790**	**33**	**1.7**
Total PAHs	NE	NE	NE	**657**	ND	**155.46**	**0.315**	**33.84**	**561.4**	ND	**2205**	ND	**2527**	**1.044**	**21600**	**699.5**	**23.21**
Other SVOCs (mg/kg)																	
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Butyl benzyl phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
2-Chloronaphthalene	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Dibenzofuran	7	210	59	**8.5**	U	**1.2**	U	U	**4.4**	U	**9.4**	U	**13**	U	1000 U	20 U	**0.16**
Diethyl phthalate	NE	NE	NE	11 U	U	U	U	U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	U
Dimethyl phthalate	NE	NE	NE	11 U	U	2 U	U	1.9 U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	U
2,4-Dimethylphenol	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Di-n-butyl phthalate	NE	NE	NE	11 U	U	U	U	U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	U
2,6-Dinitrotoluene	NE	NE	NE	11 U	U	2 U	U	1.9 U	9.4 U	U	20 U	U	20 U	U	1000 U	20 U	U
Di-n-octyl phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2														
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10 9-11 4/28/2006	BPB-10 55-57 4/28/2006	BPB-11 7-9 4/25/2006	BPB-11 55-57 5/3/2006	BPB-12 7-9 4/27/2006	BPB-12 49-51 4/27/2006	BPB-12 58-60 4/27/2006	BPB-14 19-21 5/5/2006	BPB-14 57-59 5/8/2006	BPB-15 15-17 5/10/2006	BPB-15 59-61 5/11/2006	BPB-17 21-23 5/25/2006	BPB-18 15-17 5/1/2006	BPB-18 55-57 5/1/2006
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	2000 U	U	U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	U	1000 U	U	U
Phenol	0.33	0.33	100	11 U	0.2 U	2 U	0.2 U	1.9 U	9.4 U	0.2 U	20 U	0.2 U	20 U	0.2 U	1000 U	20 U	**0.17**
Total SVOCs	NE	NE	NE	**665.5**	ND	**156.66**	**0.315**	**33.84**	**565.8**	ND	**2214.4**	ND	**2540**	**1.044**	**21600**	**699.5**	**23.54**
Alkylated PAHs (mg/kg)																	
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2													
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10	BPB-10	BPB-11	BPB-11	BPB-12	BPB-12	BPB-12	BPB-14	BPB-14	BPB-15	BPB-15	BPB-17	BPB-18	BPB-18
Sample Depth (feet)				9-11	55-57	7-9	55-57	7-9	49-51	58-60	19-21	57-59	15-17	59-61	21-23	15-17	55-57
Sample Date				4/28/2006	4/28/2006	4/25/2006	5/3/2006	4/27/2006	4/27/2006	4/27/2006	5/5/2006	5/8/2006	5/10/2006	5/11/2006	5/25/2006	5/1/2006	5/1/2006
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2														
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10 9-11 4/28/2006	BPB-10 55-57 4/28/2006	BPB-11 7-9 4/25/2006	BPB-11 55-57 5/3/2006	BPB-12 7-9 4/27/2006	BPB-12 49-51 4/27/2006	BPB-12 58-60 4/27/2006	BPB-14 19-21 5/5/2006	BPB-14 57-59 5/8/2006	BPB-15 15-17 5/10/2006	BPB-15 59-61 5/11/2006	BPB-17 21-23 5/25/2006	BPB-18 15-17 5/1/2006	BPB-18 55-57 5/1/2006
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)																		
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2													
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10 9-11 4/28/2006	BPB-10 55-57 4/28/2006	BPB-11 7-9 4/25/2006	BPB-11 55-57 5/3/2006	BPB-12 7-9 4/27/2006	BPB-12 49-51 4/27/2006	BPB-12 58-60 4/27/2006	BPB-14 19-21 5/5/2006	BPB-14 57-59 5/8/2006	BPB-15 15-17 5/10/2006	BPB-15 59-61 5/11/2006	BPB-17 21-23 5/25/2006	BPB-18 15-17 5/1/2006	BPB-18 55-57 5/1/2006
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)																	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)																	
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)																	
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (mg/kg)																	
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2													
Sample Name				BPB-10	BPB-10	BPB-11	BPB-11	BPB-12	BPB-12	BPB-12	BPB-14	BPB-14	BPB-15	BPB-15	BPB-17	BPB-18	BPB-18
Sample Depth (feet)	Unrestricted	Protection of Groundwater	Restricted-Residential	9-11	55-57	7-9	55-57	7-9	49-51	58-60	19-21	57-59	15-17	59-61	21-23	15-17	55-57
Sample Date	SCO	SCO	SCO	4/28/2006	4/28/2006	4/25/2006	5/3/2006	4/27/2006	4/27/2006	4/27/2006	5/5/2006	5/8/2006	5/10/2006	5/11/2006	5/25/2006	5/1/2006	5/1/2006
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (mg/kg)																	
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)																	
Aluminum	NE	NE	NE	**10500**	**17300**	**9160**	**3240**	**6550**	**2450**	**3570**	**6130**	**6760**	**7340**	**5010**	**1740**	**5140**	**14900**
Antimony	NE	NE	NE	U	U	U	U	U	U	U	U	U	U	2.44 U,M2	U	U	U
Arsenic	13	16	16	**5**	U	**2.02**	**3.61**	U	U	**2.82**	**2.27**	**2.66**	**2.84**	**1.98**	**4.96**	U	**3.53**
Barium	350	820	400	**53.9**	**135**	**62.7**	**44.7**	**48.3**	**13.3**	**43.2**	**40.6**	**65.5**	**30.5**	**44.2**	**171**	**31.1**	**99**
Beryllium	7.2	47	72	**0.399**	**1.09**	**0.454**	**0.353**	**0.357**	0.301 U	**0.732**	U	**0.506**	**0.42**	**0.665**	0.314 U	0.37 U	**0.725**
Cadmium	2.5	7.5	4.3	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Calcium	NE	NE	NE	**22500**	**2720**	**12600**	**1030**	**6730**	**728**	**1290**	**1030**	**1120**	**1440**	**1140**	**6970**	**1520**	**2190**
Chromium	30	NE	180	**20.6**	**37.5**	**19.8**	**26.4**	**13**	**10.6**	**29**	**17.9**	**11.9**	**19.1**	**19.1**	**3.46**	**14.1**	**32.6**
Cobalt	NE	NE	NE	**8.31**	**14.9**	**8.11**	U	**5.46**	U	U	**6.12**	U	**7.91**	**7.59**	U	U	**11.7**
Copper	50	1720	270	**73.7**	**36.3**	**38.6**	**21.2**	**24.1**	**12.1**	**32.1**	**15.7**	**19.7**	**27.3**	**25.4**	**28.5**	**14.7**	**30**
Iron	NE	NE	NE	**23100**	**36000**	**21900**	**24800**	**16000**	**11700**	**56700**	**16500**	**6960**	**19800**	**24600**	**4110**	**16900**	**31800**
Lead	63	450	400	**113**	**16.5**	**269**	**12.3**	**20.1**	**3.96**	**16.1**	**5.11**	**11.6**	**7.54**	**13**	**478**	**6.87**	**13.9**
Magnesium	NE	NE	NE	**4780**	**6460**	**3460**	**356**	**2200**	**1050**	**442**	**2270**	**1210**	**3040**	**457**	**2840**	**2270**	**4670**
Manganese	1600	2000	2000	**337**	**657**	**257**	0.015 U	**438**	**115**	**26.6**	**221**	**61.7**	**246**	**34.5**	**131**	**262**	**609**
Mercury	0.18	0.73	0.81	**0.305**	U	**0.0942**	U	U	U	U	U	U	U	U	**0.133**	U	U
Nickel	30	130	310	**15**	**29.2**	**16.4**	**6.56**	**11.7**	**8.84**	**6.15**	**15.1**	**7.5**	**14.7**	**9.45**	U	**11.5**	**22.7**
Potassium	NE	NE	NE	**1500**	**3590**	**1640**	**1170**	**1100**	**469**	**910**	**1640**	**980**	**1880**	**929**	**400**	**1030**	**2610**
Selenium	3.9	4	180	2.25 U	2.43 U	2.38 U	2.19 U	2.06 U	2 U	2.49 U	2.34 U	2.4 U	2.23 U	2.44 U	**2.7**	2.46 U	2.5 U
Silver	2	8.3	180	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Sodium	NE	NE	NE	**1010**	**328**	**784**	164 U	**1200**	U	U	**439**	U	**1150**	U	**575**	**984**	**353**
Thallium	NE	NE	NE	U	U	U	U	U	U	U	**3.2**	U	U	U	U	U	U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2													
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10	BPB-10	BPB-11	BPB-11	BPB-12	BPB-12	BPB-12	BPB-14	BPB-14	BPB-15	BPB-15	BPB-17	BPB-18	BPB-18
Sample Depth (feet)				9-11	55-57	7-9	55-57	7-9	49-51	58-60	19-21	57-59	15-17	59-61	21-23	15-17	55-57
Sample Date				4/28/2006	4/28/2006	4/25/2006	5/3/2006	4/27/2006	4/27/2006	4/27/2006	5/5/2006	5/8/2006	5/10/2006	5/11/2006	5/25/2006	5/1/2006	5/1/2006
Tin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	NE	NE	**30.6**	**44.6**	**30.7**	**48.8**	**21.4**	**16.1**	**46.8**	**26.3**	**10.4**	**31**	**35.5**	U	**19.7**	**41.6**
Zinc	109	2480	10000	**145**	**66.9**	**87**	**7.67**	**29.8**	**19**	**29.4**	**30.5**	**30**	**34.7**	**15.4**	**124**	**29.1**	**57.5**
Cyanides (mg/kg)																	
Free Cyanide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide	27	40	27	**9.5**	U	**0.73**	U	**5**	U	U	**33**	U	U	U	**7.6**	**5.6**	U
Biomarkers (mg/kg)																	
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 2													
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-10 9-11 4/28/2006	BPB-10 55-57 4/28/2006	BPB-11 7-9 4/25/2006	BPB-11 55-57 5/3/2006	BPB-12 7-9 4/27/2006	BPB-12 49-51 4/27/2006	BPB-12 58-60 4/27/2006	BPB-14 19-21 5/5/2006	BPB-14 57-59 5/8/2006	BPB-15 15-17 5/10/2006	BPB-15 59-61 5/11/2006	BPB-17 21-23 5/25/2006	BPB-18 15-17 5/1/2006	BPB-18 55-57 5/1/2006
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)																	
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2												
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
BTEX (mg/kg)															
Benzene	0.06	0.06	4.8	**35**	**39**	3.4 U	**4.2**	**170**	U	**0.87**	**4.1**	U	**0.021 J**	**62 J**	**0.0042 J**
Toluene	0.7	0.7	100	**25**	**31**	3.4 U	**1.7**	**210**	**0.003**	**0.78**	**8**	U	**0.0014 J**	**220 J**	**0.003 J**
Ethylbenzene	1	1	41	**150**	**210**	U	**41**	**23**	U	**1.3**	**12**	U	0.0056 UJ	**220 J**	**0.018**
o-Xylene	0.26	1.6	100	**48**	**74**	3.4 U	**12**	**74**	U	**0.67**	**5.3**	U	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**110**	**160**	6.8 U	**22**	**170**	**0.003**	**1.5**	**12**	U	NA	NA	NA
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0011 J**	**320 J**	**0.02**
Total BTEX	NE	NE	NE	**368**	**514**	ND	**80.9**	**647**	**0.006**	**5.12**	**41.4**	ND	**0.0235**	**822**	**0.0452**
Other VOCs (mg/kg)															
Acetone	0.05	0.05	100	60 U	**55**	**13**	**4.5**	**25**	**0.02**	2.9 U	**5.3**	**0.049**	**0.048 J**	14 UJ	**0.039 J**
n-Butylbenzene	12	12	100	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
sec-Butylbenzene	11	11	100	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
Carbon disulfide	NE	NE	NE	60 U	69 U	17 U	6 U	61 U	U	2.9 U	**4**	U	**0.0012 J**	**1.5 J**	0.0058 U
Chlorobenzene	1.1	1.1	100	12 U	14 U	3.4 U	U	12 U	U	U	2.9 U	U	0.0056 UJ	5.8 UJ	0.0058 U
Chloroform (Trichloromethane)	0.37	0.37	49	12 U	14 U	3.4 U	1.2 U	12 U	U	0.57 U	2.9 U	U	0.0056 UJ	5.8 UJ	0.0058 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**2.8**	**4.8**	U	**1.6**	12 U	U	U	U	U	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	12 U	14 U	U	U	12 U	U	U	2.9 U	U	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	12 U	14 U	3.4 U	1.2 U	12 U	U	0.57 U	2.9 U	U	0.0056 UJ	5.8 UJ	0.0058 U
1,1-Dichloroethene	0.33	0.33	100	12 U	14 U	U	U	12 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U
cis-1,2-Dichloroethene	0.25	0.25	100	12 U	14 U	U	U	12 U	U	U	U	U	**0.0015 J**	5.8 UJ	0.0058 U
trans-1,2-Dichloroethene	0.19	0.19	100	12 U	14 U	U	U	12 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U
1,2-Dichloropropane	NE	NE	NE	12 U	14 U	U	U	12 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U
Isopropylbenzene	NE	NE	NE	**9.1**	**14**	3.4 U	**4.6**	12 U	U	U	2.9 U	U	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	**46**	**50**	**11**	**4.5**	61 U	U	**0.37**	14 U	**0.012**	0.011 UJ	5.8 UJ	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	12 U	14 U	3.4 U	1.2 U	12 U	U	0.57 U	2.9 U	U	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	60 U	69 U	17 U	U	61 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	**25**	**27**	**5**	**2.9**	**10**	U	**0.44**	**3.2**	U	0.022 UJ	5.8 UJ	0.023 U
Naphthalene	12	12	100	**470**	**810**	**27**	**190**	**1300**	**0.13**	**9.1**	**63**	U	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**3.7**	**5.7**	U	**1.5**	**3.1**	U	U	**0.79**	U	NA	NA	NA
Styrene	NE	NE	NE	12 U	14 U	U	U	**190**	U	U	U	U	0.0056 UJ	**60 J**	0.0058 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	12 U	14 U	3.4 U	1.2 U	12 U	U	U	2.9 U	U	0.0056 UJ	5.8 UJ	0.0058 U
Tetrachloroethene (PCE)	1.3	1.3	19	12 U	14 U	U	U	12 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	12 U	14 U	U	U	12 U	U	U	U	U	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	12 U	14 U	U	U	12 U	U	U	U	U	0.0056 UJ	5.8 UJ	0.0058 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
Trichloroethene (TCE)	0.47	0.47	21	12 U	14 U	U	U	12 U	U	U	U	U	**0.0053 J**	5.8 UJ	0.0058 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**46**	**83**	U	**33**	**89**	**0.003**	**120**	**11**	U	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**13**	**21**	3.4 U	**7**	**23**	U	**0.47**	**3.1**	U	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	12 U	14 U	3.4 U	1.2 U	12 U	U	0.57 U	2.9 U	U	0.0056 UJ	5.8 UJ	0.0058 U
Total VOCs	NE	NE	NE	**983.6**	**1584.5**	**56**	**330.5**	**2287.1**	**0.159**	**135.5**	**131.79**	**0.061**	**0.0795**	**883.5**	**0.0842**
PAHs (mg/kg)															
Acenaphthene	20	98	100	**150**	**110**	U	**12**	**8.3**	U	**20**	**20**	U	0.3 U	**31 J**	0.31 UJ
Acenaphthylene	100	107	100	**62**	**41**	U	**8**	**130**	U	**54**	**37**	U	**0.069 J**	**280**	0.31 UJ
Anthracene	100	1000	100	**52**	**31**	U	**7.4**	**7.2**	U	**8.5**	**5.8**	U	**0.054 J**	**110 J**	0.31 UJ
Benzo(a)anthracene	1	1	1	**13**	23 U	U	**2.3**	20 U	U	10 U	10 U	U	**0.088 J**	**56 J**	0.31 UJ
Benzo(b)fluoranthene	1	1.7	1	**15**	**10**	0.22 U	**2.3**	**6.8**	U	**4.8**	**4.2**	U	**0.14 J**	**26 J**	0.31 UJ
Benzo(k)fluoranthene	0.8	1.7	3.9	22 U	23 U	0.22 U	2.2 U	20 U	U	10 U	10 U	U	**0.046 J**	150 U	0.31 UJ
Benzo(g,h,i)perylene	100	1000	100	U	U	U	U	U	U	U	U	U	**0.3 J**	**86 J**	0.31 UJ
Benzo(a)pyrene	1	22	1	**24**	**17**	0.22 U	**2.8**	**10**	0.19 U	**7.2**	**6**	0.18 U	**0.088 J**	**42 J**	0.31 UJ
Chrysene	1	1	3.9	**9.5**	23 U	U	**2.2**	20 U	U	10 U	10 U	U	**0.1 J**	**56 J**	0.31 UJ
Dibenz(a,h)anthracene	0.33	1000	0.33	22 U	23 U	0.22 U	2.2 U	20 U	0.19 U	10 U	10 U	0.18 U	**0.19 J**	150 U	0.31 UJ
Fluoranthene	100	1000	100	**30**	**14**	U	**8.5**	**4.1**	U	**8.5**	**3.3**	U	**0.13 J**	**88 J**	0.31 UJ
Fluorene	30	386	100	**69**	**48**	U	**7.4**	**42**	U	**21**	**17**	U	**0.042 J**	**150**	0.31 UJ
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	22 U	23 U	U	U	20 U	U	10 U	10 U	U	**0.38**	150 U	0.31 UJ
2-Methylnaphthalene	NE	NE	NE	**260**	**190**	U	**19**	**160**	U	**92**	**75**	U	**0.1 J**	**790**	**0.072 J**
Naphthalene	12	12	100	**840**	**450**	U	**120**	**390**	U	**2300**	**180**	U	**0.054 J**	**2100**	**0.13 J**
Phenanthrene	100	1000	100	**240**	**160**	U	**26**	**100**	U	**68**	**54**	U	**0.22 J**	**390**	**0.033 J**
Pyrene	100	1000	100	**67**	**50**	U	**8.1**	**39**	U	**19**	U	U	**0.23 J**	**150 J**	0.31 UJ
Total PAHs	NE	NE	NE	**1831.5**	**1121**	ND	**226**	**897.4**	ND	**2603**	**402.3**	ND	**2.231**	**4355**	**0.235**
Other SVOCs (mg/kg)															
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	**0.15 J**	150 U	0.31 UJ
Butyl benzyl phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ
2-Chloronaphthalene	NE	NE	NE	U	U	U	U	20 U	U	U	U	U	0.3 U	150 U	0.31 UJ
Dibenzofuran	7	210	59	**7.9**	**5.4**	U	**0.87**	**4.5**	U	**2.4**	10 U	U	0.3 U	**16 J**	0.31 UJ
Diethyl phthalate	NE	NE	NE	22 U	23 U	U	U	20 U	U	10 U	10 U	U	0.3 U	150 U	0.31 UJ
Dimethyl phthalate	NE	NE	NE	22 U	23 U	U	2.2 U	20 U	U	10 U	10 U	U	0.3 U	150 U	0.31 UJ
2,4-Dimethylphenol	NE	NE	NE	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ
Di-n-butyl phthalate	NE	NE	NE	22 U	23 U	U	U	20 U	U	10 U	10 U	U	0.3 U	150 U	0.31 UJ
2,6-Dinitrotoluene	NE	NE	NE	22 U	23 U	U	2.2 U	20 U	U	10 U	10 U	U	0.3 U	150 U	0.31 UJ
Di-n-octyl phthalate	NE	NE	NE	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ

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Brooklyn, New York

Location				Parcel 2											
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3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	U	U	U	U	U	U	U	U	U	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3 U	150 U	0.31 UJ
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	U	U	U	U	U	U	U	U	U	0.3 U	150 U	0.31 UJ
Phenol	0.33	0.33	100	22 U	23 U	0.22 U	2.2 U	20 U	0.19 U	10 U	10 U	0.18 U	0.3 U	150 U	0.31 UJ
Total SVOCs	NE	NE	NE	**1839.4**	**1126.4**	ND	**226.87**	**901.9**	ND	**2605.4**	**402.3**	ND	**2.381**	**4371**	**0.235**
Alkylated PAHs (mg/kg)															
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2												
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)															
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2											
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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)															
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)															
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)															
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019 U	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019 U	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.012 J**	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.012**	NA	NA
Pesticides (mg/kg)															
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 UJ	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.00082 J**	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0071 J**	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA

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Location				Parcel 2											
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Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0021 J**	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0037 U	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 UJ	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0019 U	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019 U	NA	NA
Herbicides (mg/kg)															
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.097 U	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024 U	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024 U	NA	NA
Metals (mg/kg)															
Aluminum	NE	NE	NE	**5340**	**5800**	**9770**	**5640**	**5590**	**7470**	**2530**	**2360**	**3490**	**5960 J**	**2580 J**	**2250 J**
Antimony	NE	NE	NE	U	2.75 U,M2	U	U	1.97 U,M2	U	U	U	U	4.5 UJ	4.5 UJ	4.6 UJ
Arsenic	13	16	16	U	U	**3.65**	**54.2**	**1.95**	**1.43**	U	**0.694**	**2.21**	**2.4 J**	5.8 UJ	5.8 UJ
Barium	350	820	400	**33**	**42**	**68.4**	**118**	**130**	**56.3**	**21.3**	**19.8**	**38.7**	**180 J**	**19.1 J**	**15.7 J**
Beryllium	7.2	47	72	0.392 U	0.412 U	**0.603**	0.323 U	0.295 U	**0.585**	0.286 U	0.206 U	**0.473**	**0.58 J**	**0.23 J**	**0.41 J**
Cadmium	2.5	7.5	4.3	U	U	U	**0.542**	U	U	U	U	U	1.4 UJ	1.4 U	1.4 UJ
Calcium	NE	NE	NE	**1360**	**1630**	**1780**	**20800**	**6730**	**1110**	**619**	**614**	**1040**	**63700 J**	**349 J**	**545 J**
Chromium	30	NE	180	**14.1**	**16.1**	**24.8**	**12.4**	**13.7**	**14.3**	**11.1**	**10.2**	**13.1**	**19.1 J**	**6.6 J**	**9.1 J**
Cobalt	NE	NE	NE	U	U	**13.1**	U	**6.11**	U	**6.8**	**8.01**	**4.03**	**7.1 J**	**4.4 J**	**4.3 J**
Copper	50	1720	270	**18.4**	**20.5**	**19.3**	**21.8**	**15.9**	**19.1**	**13.1**	**11**	**17.4**	**88**	**10.4**	**17.4 J**
Iron	NE	NE	NE	**18800**	**22000**	**26600**	**16400**	**23400**	**7330**	**7840**	**7220**	**25800**	**9400 J**	**10900 J**	**21700 J**
Lead	63	450	400	**4.86**	**5.47**	**10.6**	**229**	**6.37**	**16.3**	**5.29**	**4.74**	**8.91**	**99.9**	**2.3 J**	**5.9**
Magnesium	NE	NE	NE	**2070**	**2260**	**3200**	**3470**	**5540**	**1130**	**962**	**907**	**532**	**6070 J**	**911 J**	**640 J**
Manganese	1600	2000	2000	**621**	**699**	**772**	**160**	**370**	**52.5**	**48**	**44.8**	**116**	**157 J**	**147 J**	**575 J**
Mercury	0.18	0.73	0.81	U	U	U	**0.433**	U	U	U	U	U	**0.11**	0.056 U	0.057 U
Nickel	30	130	310	**11.8**	**13**	**20.7**	**18.1**	**10.4**	**7.79**	**9.43**	**9.19**	**7.39**	**10 J**	**5.6 J**	**4.3 J**
Potassium	NE	NE	NE	**1060**	**1360**	**1720**	**657**	**1420**	**941**	**740**	**617**	**567**	**543 J**	**424 J**	**332 J**
Selenium	3.9	4	180	2.61 U	2.75 U	2.45 U	2.15 U	U	2.04 U	U	U	U	10.2 R	10.3 R	10.4 R
Silver	2	8.3	180	U	U	U	U	U	U	U	U	U	1.4 UJ	1.4 U	1.4 UJ
Sodium	NE	NE	NE	**1430**	**1130**	**282**	**2010**	**286**	**163**	U	U	**123**	**604**	68.7 U	69.5 U
Thallium	NE	NE	NE	U	U	U	U	**2.45**	U	U	U	U	4.1 U	4.1 U	4.2 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
Tin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**24.8**	3.4 U	3.5 U
Vanadium	NE	NE	NE	**19.6**	**24.5**	**33.2**	**15**	**23.2**	**14.4**	**15.2**	**16.5**	**24.2**	**10.2 J**	**9.6 J**	**18.8 J**
Zinc	109	2480	10000	**27.8**	**38.5**	**48.3**	**203**	**33.1**	**46.7**	**20.7**	**19.1**	**21.2**	**1020 J**	**13.5 J**	**21.6 J**
Cyanides (mg/kg)															
Free Cyanide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.221 U	0.229 U	0.232 U
Total Cyanide	27	40	27	U	U	U	U	U	U	**4.9**	**4.2**	U	NA	NA	NA
Biomarkers (mg/kg)															
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	BPB-19 19-21 5/22/2006	Duplicate of BPB-19 19-21 5/22/2006	BPB-19 55-57 5/24/2006	BPB-20 17-19 5/16/2006	BPB-21 21-23 5/8/2006	BPB-21 57-59 5/9/2006	BPB-22 35-37 6/8/2006	Duplicate of BPB-22 35-37 6/8/2006	BPB-22 55-57 6/9/2006	WW-MW-04 (5-10) 6/15/2009	WW-MW-04 (31-33) 6/15/2009	WW-MW-04 (58-59) 6/15/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)															
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	0.0057 U	**160**	**0.15**	**0.37 J**	**0.13**	**0.73 J**	**14**	**87**	**2.8**	**0.25**	**0.0029 J**
Toluene	0.7	0.7	100	**0.00068 J**	**460**	**0.05**	**0.74 J**	**0.0027 J**	**7.6**	**15**	**180**	**1.2**	0.032 U	0.0061 U
Ethylbenzene	1	1	41	**0.002 J**	**440**	**0.058**	**15 J**	**0.12**	**38**	**16**	**43**	**1.5**	**0.028 J**	0.0061 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	**0.002 J**	**570**	**0.073**	**22 J**	**0.12**	**87**	**19**	**220**	**1.6**	**0.027 J**	0.0061 U
Total BTEX	NE	NE	NE	**0.00468**	**1630**	**0.331**	**38.11**	**0.3727**	**133.33**	**64**	**530**	**7.1**	**0.305**	**0.0029**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	0.023 U	52 U	**0.049 J**	1.5 U	0.023 U	7.2 U	1.7 U	15 U	1.5 U	0.13 UJ	0.024 UJ
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Chlorobenzene	1.1	1.1	100	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
1,1-Dichloroethene	0.33	0.33	100	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
1,2-Dichloropropane	NE	NE	NE	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.011 U	21 U	0.011 U	0.59 U	0.011 U	2.9 U	0.68 U	6 U	0.62 U	0.063 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.023 U	21 U	0.021 U	0.59 U	0.023 U	2.9 U	0.68 U	6 U	0.62 U	0.13 U	0.024 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	**0.00026 J**	**20 J**	**0.0045 J**	**0.61 J**	0.0057 U	2.9 U	**0.24 J**	**150**	0.62 U	0.032 U	0.0061 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2										
Sample Name				WW-MW-05	WW-MW-06	WW-MW-06	WW-MW-17	WW-MW-17	WW-SB-09	WW-SB-09	WW-SB-10	WW-SB-10	WW-SB-11	WW-SB-11
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(63-64)	(50-52)	(58-60)	(7-8)	(54-55)	(11-12)	(53-54)	(49-50)	(51-52)	(50-51)	(63-64)
Sample Date				6/11/2009	6/18/2009	6/18/2009	6/8/2009	6/9/2009	7/13/2009	7/14/2009	7/15/2009	7/15/2009	7/14/2009	7/14/2009
Trichloroethene (TCE)	0.47	0.47	21	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0057 U	21 U	0.0054 U	0.59 U	0.0057 U	2.9 U	0.68 U	6 U	0.62 U	0.032 U	0.0061 U
Total VOCs	NE	NE	NE	**0.00494**	**1650**	**0.3845**	**38.72**	**0.3727**	**133.33**	**64.24**	**680**	**7.1**	**0.305**	**0.0029**
PAHs (mg/kg)														
Acenaphthene	20	98	100	0.3 U	**44 J**	**0.03 J**	**95**	**0.36 J**	**24 J**	**0.55 J**	**20 J**	**0.21 J**	**0.055 J**	0.32 U
Acenaphthylene	100	107	100	**0.077 J**	**460**	**0.13 J**	**16 J**	**0.033 J**	**16 J**	**3.7**	**220**	1.7 U	0.34 U	0.32 U
Anthracene	100	1000	100	**0.058 J**	**170**	**0.071 J**	**26 J**	0.61 U	**26 J**	**1.6**	**77**	1.7 U	0.34 U	0.32 U
Benzo(a)anthracene	1	1	1	**0.045 J**	**89 J**	**0.056 J**	**17 J**	0.61 U	**16 J**	**0.92 J**	**39 J**	1.7 U	0.34 U	0.32 U
Benzo(b)fluoranthene	1	1.7	1	0.3 U	**39 J**	**0.016 J**	**13 J**	0.61 U	**7.3 J**	**0.42 J**	**19 J**	1.7 U	0.34 U	0.32 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.3 U	**15 J**	0.29 U	**5.2 J**	0.61 U	62 U	**0.15 J**	**6.4 J**	1.7 U	0.34 U	0.32 U
Benzo(g,h,i)perylene	100	1000	100	0.3 U	**88 J**	0.29 U	**28 J**	0.61 U	**47 J**	**0.85 J**	**11 J**	1.7 U	0.34 U	0.32 U
Benzo(a)pyrene	1	22	1	0.3 U	**64 J**	**0.033 J**	**19 J**	0.61 U	**11 J**	**0.68 J**	**29 J**	1.7 U	0.34 U	0.32 U
Chrysene	1	1	3.9	**0.038 J**	**86 J**	**0.043 J**	**16 J**	0.61 U	**15 J**	**0.88 J**	**36 J**	1.7 U	0.34 U	0.32 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.3 U	140 U	0.29 U	**29 J**	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Fluoranthene	100	1000	100	**0.065 J**	**140 J**	**0.079 J**	**26 J**	**0.032 J**	**25 J**	**1.5**	**69**	1.7 U	0.34 U	0.32 U
Fluorene	30	386	100	**0.075 J**	**230**	**0.084 J**	**35**	0.61 U	**28 J**	**2**	**110**	1.7 U	0.34 U	0.32 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.3 U	**72 J**	0.29 U	**38**	0.61 U	**46 J**	**0.83 J**	**10 J**	1.7 U	0.34 U	0.32 U
2-Methylnaphthalene	NE	NE	NE	**0.18 J**	**1200**	**0.32**	**320**	**1.4**	**250**	**7.5**	**550**	**2.3**	**0.14 J**	0.32 U
Naphthalene	12	12	100	**0.27 J**	**2600**	**0.84**	**540**	**7.3**	**610**	**15**	**1200**	**21**	**0.74**	0.32 U
Phenanthrene	100	1000	100	**0.23 J**	**610**	**0.27 J**	**88**	**0.046 J**	**84**	**5.6**	**290**	1.7 U	0.34 U	0.32 U
Pyrene	100	1000	100	**0.11 J**	**240**	**0.12 J**	**29 J**	**0.03 J**	**37 J**	**2.3**	**110**	1.7 U	0.34 U	0.32 U
Total PAHs	NE	NE	NE	**1.148**	**6147**	**2.092**	**1340.2**	**9.201**	**1242.3**	**44.48**	**2796.4**	**23.51**	**0.935**	ND
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.031 J**	140 U	**0.089 J**	32 U	**0.73**	62 U	1.5 U	64 U	**0.36 J**	0.34 U	**0.042 J**
Butyl benzyl phthalate	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
2-Chloronaphthalene	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Dibenzofuran	7	210	59	0.3 U	**26 J**	0.29 U	32 U	0.61 U	**4.8 J**	1.5 U	**15 J**	1.7 U	0.34 U	0.32 U
Diethyl phthalate	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Dimethyl phthalate	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
2,4-Dimethylphenol	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	**0.75 J**	0.34 U	0.32 U
Di-n-butyl phthalate	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
2,6-Dinitrotoluene	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Di-n-octyl phthalate	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	**0.55 J**	0.34 U	0.32 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	**0.52 J**	0.34 U	0.32 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	0.34 U	0.32 U
Phenol	0.33	0.33	100	0.3 U	140 U	0.29 U	32 U	0.61 U	62 U	1.5 U	64 U	1.7 U	**0.1 J**	0.32 U
Total SVOCs	NE	NE	NE	**1.179**	**6173**	**2.181**	**1340.2**	**9.931**	**1247.1**	**44.48**	**2811.4**	**25.69**	**1.035**	**0.042**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 2										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64)	WW-MW-06 (50-52)	WW-MW-06 (58-60)	WW-MW-17 (7-8)	WW-MW-17 (54-55)	WW-SB-09 (11-12)	WW-SB-09 (53-54)	WW-SB-10 (49-50)	WW-SB-10 (51-52)	WW-SB-11 (50-51)	WW-SB-11 (63-64)
Sample Depth (feet)														
Sample Date				6/11/2009	6/18/2009	6/18/2009	6/8/2009	6/9/2009	7/13/2009	7/14/2009	7/15/2009	7/15/2009	7/14/2009	7/14/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**2650**	**2370 J**	**2690 J**	**7070**	**2430**	**7190**	**6740**	**4050**	**6850**	**3340**	**4090**
Antimony	NE	NE	NE	4.6 UJ	4.2 UJ	4.3 UJ	4.9 UJ	4.7 UJ	4.6 UJ	5.6 UJ	4.9 UJ	5 UJ	5.1 UJ	4.9 UJ
Arsenic	13	16	16	5.8 UJ	**1.7 J**	5.4 UJ	**3.2 J**	6 UJ	5.9 UJ	7.1 UJ	6.3 UJ	**3.7 J**	**6.4 J**	6.2 UJ
Barium	350	820	400	**18.3**	**15.2 J**	**21.9 J**	**54.7**	**15.1**	**36.3**	**55.5**	**25.1**	**42.8**	**24.8**	**20.2**
Beryllium	7.2	47	72	**0.68 J**	**0.26 J**	**0.47 J**	**0.53 J**	**0.51 J**	**0.51 J**	**0.57 J**	**0.72 J**	**0.66 J**	**0.27 J**	**0.65 J**
Cadmium	2.5	7.5	4.3	1.4 UJ	1.3 U	1.3 UJ	1.5 U	1.4 UJ	1.4 U	1.7 U	1.5 UJ	1.5 U	1.5 U	1.5 UJ
Calcium	NE	NE	NE	**413**	**580 J**	**786 J**	**14800**	**507**	70.2 U	84.3 U	74.7 U	76.4 U	76.7 U	73.8 U
Chromium	30	NE	180	**11.5**	**6.9 J**	**11.2 J**	**12.8**	**12.3**	**16.7**	**16.9**	**15.2**	**21.3**	**8.8**	**16.1**
Cobalt	NE	NE	NE	**6.5 J**	**3.8 J**	**4.2 J**	**5.5 J**	**4.4 J**	**15.1**	**8.9**	**8**	**178**	**4.2**	**7.5 J**
Copper	50	1720	270	**20.4**	**9.3**	**19.8 J**	**21**	**15.4**	**15.9**	**13.7**	**19.8**	**17.2**	**7.2**	**15.9 J**
Iron	NE	NE	NE	**43800**	**8800 J**	**21600 J**	**15000**	**30500**	**17100 J**	**13700 J**	**28200 J**	**21200 J**	**8490 J**	**51400 J**
Lead	63	450	400	**9.8 J**	**3.2**	**7.4**	**548 J**	**6.7 J**	4.2 U	5.1 U	4.5 UJ	**12.8**	4.6 U	4.4 UJ
Magnesium	NE	NE	NE	**571**	**953 J**	**888 J**	**3810**	**513**	**2300**	**3770**	**1210**	**2310**	**1660**	73.8 U
Manganese	1600	2000	2000	**409**	**291 J**	**423 J**	**287**	**389**	**155**	**195**	**228**	**581**	**130**	**359**
Mercury	0.18	0.73	0.81	0.055 U	0.051 U	0.05 U	**1.2**	0.053 U	**0.012 J**	**0.0068 J**	**0.01 J**	**0.022**	0.063 U	**0.0078 J**
Nickel	30	130	310	**6.8**	**6.1 J**	**6.5 J**	**11.4**	**5.2**	**13**	**15.4**	**15.2**	**170**	**7.2**	**8.4**
Potassium	NE	NE	NE	**347**	**454 J**	**417 J**	**927**	**282**	**1120 J**	**1770 J**	**643 J**	**1030 J**	**825 J**	73.8 UJ
Selenium	3.9	4	180	10.4 UJ	9.5 R	9.7 R	11.1 UJ	10.7 UJ	10.5 U	12.6 U	11.2 UJ	11.5 U	11.5 U	11.1 UJ
Silver	2	8.3	180	1.4 UJ	1.3 U	1.3 UJ	1.5 U	1.4 UJ	1.4 U	1.7 U	1.5 UJ	**0.14 J**	1.5 U	**0.15 J**
Sodium	NE	NE	NE	**57.6 J**	**58.9 J**	**56.9 J**	**362**	**48.9 J**	70.2 U	84.3 U	74.7 U	76.4 U	76.7 U	73.8 U
Thallium	NE	NE	NE	4.2 U	3.8 U	**1.1 J**	**1.7 J**	4.3 U	4.2 U	5.1 U	4.5 UJ	4.6 U	4.6 U	4.4 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-05 (63-64) 6/11/2009	WW-MW-06 (50-52) 6/18/2009	WW-MW-06 (58-60) 6/18/2009	WW-MW-17 (7-8) 6/8/2009	WW-MW-17 (54-55) 6/9/2009	WW-SB-09 (11-12) 7/13/2009	WW-SB-09 (53-54) 7/14/2009	WW-SB-10 (49-50) 7/15/2009	WW-SB-10 (51-52) 7/15/2009	WW-SB-11 (50-51) 7/14/2009	WW-SB-11 (63-64) 7/14/2009
Tin	NE	NE	NE	3.5 U	3.2 U	3.2 U	3.7 U	3.6 U	3.5 U	4.2 U	3.7 U	3.8 U	3.8 U	3.7 U
Vanadium	NE	NE	NE	**21**	**9.7 J**	**21 J**	**20.4**	**23.7**	**24.2**	**22.5**	**42.7**	**29.3**	**12.2**	**31.6**
Zinc	109	2480	10000	**35.3**	**13.1 J**	**25.2 J**	**55.4**	**27.8**	**33.1**	**33.4**	**36.1**	**127**	**21.1**	**40.8**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.23 U	0.209 U	0.213 U	0.234 U	0.228 U	0.229 U	0.271 U	0.238 U	0.246 U	0.253 U	0.243 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2										
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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**74.4 J**	**1100**	**13**	**840**	**0.063**	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Toluene	0.7	0.7	100	155 U	**1800**	**32**	**1300**	**0.0033 J**	0.0058 U	**0.00019 J**	0.0059 U	0.0059 U	0.006 U	0.0058 U
Ethylbenzene	1	1	41	**846**	**200**	**35**	**120**	**0.014**	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
o-Xylene	0.26	1.6	100	**366**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**840**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	NA	**1700**	**69**	**1200**	**0.014**	0.0058 U	0.0058 U	0.0059 U	**0.0019 J**	**0.00069 J**	0.0058 U
Total BTEX	NE	NE	NE	**2126.4**	**4800**	**149**	**3460**	**0.0943**	ND	**0.00019**	ND	**0.0019**	**0.00069**	ND
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	3880 U	270 U	3 U	81 U	0.024 UJ	0.023 UJ	0.023 UJ	0.024 UJ	**0.0062 J**	**0.005 J**	0.023 U
n-Butylbenzene	12	12	100	**80.6 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 UJ
Chlorobenzene	1.1	1.1	100	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Chloroform (Trichloromethane)	0.37	0.37	49	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	**0.0016 J**	**0.0017 J**	0.0058 U
Cyclohexane	NE	NE	NE	**660**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**71.3 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	930 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
1,1-Dichloroethene	0.33	0.33	100	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
trans-1,2-Dichloroethene	0.19	0.19	100	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
1,2-Dichloropropane	NE	NE	NE	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Isopropylbenzene	NE	NE	NE	**146 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	1550 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	3880 U	110 U	1.2 U	33 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	1550 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Methylcyclohexane	NE	NE	NE	**1610**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	775 U	110 U	1.2 U	33 U	0.024 U	0.023 U	0.023 U	0.024 U	0.024 U	0.024 U	**0.0022 J**
Naphthalene	12	12	100	**11500 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**133 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	155 U	**1100**	**21**	**1000**	**0.00019 J**	0.0058 U	0.0058 U	0.0059 U	**0.0009 J**	0.006 U	0.0058 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Tetrachloroethene (PCE)	1.3	1.3	19	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	155 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
Trichloroethene (TCE)	0.47	0.47	21	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**868**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	155 U	110 U	1.2 U	33 U	0.0061 U	0.0058 U	0.0058 U	0.0059 U	0.0059 U	0.006 U	0.0058 U
Total VOCs	NE	NE	NE	**17465.3**	**5900**	**170**	**4460**	**0.09449**	ND	**0.00019**	ND	**0.0106**	**0.00739**	**0.0022**
PAHs (mg/kg)														
Acenaphthene	20	98	100	**424**	**400 J**	**5.1 J**	**44 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Acenaphthylene	100	107	100	**98**	**3200**	**32**	**470**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Anthracene	100	1000	100	**489**	**1300**	**14**	**140 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Benzo(a)anthracene	1	1	1	**361**	**710 J**	**7.5**	**82 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Benzo(b)fluoranthene	1	1.7	1	**291**	**430 J**	**3.5 J**	**40 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Benzo(k)fluoranthene	0.8	1.7	3.9	**87.9**	**140 J**	**1.1 J**	**21 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Benzo(g,h,i)perylene	100	1000	100	**143**	**620 J**	**4.3 J**	**23 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Benzo(a)pyrene	1	22	1	**389**	**530 J**	**5.5 J**	**64 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Chrysene	1	1	3.9	**335**	**700 J**	**6.9**	**78 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Dibenz(a,h)anthracene	0.33	1000	0.33	**39.7 J**	1200 U	**2.9 J**	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Fluoranthene	100	1000	100	**701**	**1600**	**14**	**140 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Fluorene	30	386	100	**427**	**2000**	**19**	**220**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**182 J**	1200 U	**4.2 J**	**24 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
2-Methylnaphthalene	NE	NE	NE	**1220**	**7800**	**64**	**1200**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Naphthalene	12	12	100	**2790**	**17000**	**120**	**3100**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Phenanthrene	100	1000	100	**1490**	**4800**	**50**	**540**	0.33 U	0.3 U	0.3 U	0.32 U	**0.019 J**	**0.035 J**	0.31 U
Pyrene	100	1000	100	**807**	**1700**	**19**	**220**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Total PAHs	NE	NE	NE	**10274.6**	**42930**	**373**	**6406**	ND	ND	ND	ND	**0.019**	**0.035**	ND
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	2.98 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**208**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	**0.038 J**	**0.044 J**	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Butyl benzyl phthalate	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Caprolactam	NE	NE	NE	2.98 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	**84.8**	1200 U	**0.77 J**	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
2-Chloronaphthalene	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Dibenzofuran	7	210	59	**116**	**400 J**	**2.8 J**	**31 J**	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Diethyl phthalate	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Dimethyl phthalate	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
2,4-Dimethylphenol	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Di-n-butyl phthalate	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
2,6-Dinitrotoluene	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Di-n-octyl phthalate	NE	NE	NE	5.95 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
2-Methylnaphthalene	NE	NE	NE	**1220**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**2.39 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	2.98 U	1200 U	6.5 U	180 U	0.33 U	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Phenol	0.33	0.33	100	2.98 U	1200 U	6.5 U	180 U	**0.23 J**	0.3 U	0.3 U	0.32 U	0.32 U	0.32 U	0.31 U
Total SVOCs	NE	NE	NE	**10685.79**	**43330**	**376.57**	**6437**	**0.268**	**0.044**	ND	ND	**0.019**	**0.035**	ND
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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K - Williamsburg Works
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Location				Parcel 2											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**6150 J**	**2310**	**2770**	**3910**	**3710**	**915**	**845**	**13500**	**29700**	**26300**	**22000**
Antimony	NE	NE	NE	3.54 UJ	4.3 UJ	4.8 UJ	5.4 UJ	4.9 UJ	22.7 UJ	4.7 UJ	4.9 UJ	4.7 UJ	4.9 UJ	4.8 UJ
Arsenic	13	16	16	**120 J**	**2.4 J**	6.1 UJ	6.8 UJ	6.2 UJ	28.9 U	**2.1 J**	6.2 UJ	6 U	6.2 U	6.1 UJ
Barium	350	820	400	**28.1 J**	**15.6**	**19.7**	**22.3**	**37.6**	**14.9**	**11.3**	**22.5**	**531**	**474**	**320**
Beryllium	7.2	47	72	1.56 UJ	**0.17 J**	**0.51 J**	**0.43 J**	**0.66 J**	**0.97 J**	**0.56 J**	**0.8 J**	**1.5**	**1.2 J**	**1.5**
Cadmium	2.5	7.5	4.3	2.83 UJ	1.3 U	1.4 UJ	1.6 U	1.5 UJ	6.9 U	1.4 U	1.5 UJ	1.4 UJ	1.5 UJ	1.4 UJ
Calcium	NE	NE	NE	**1560**	65.1 U	72.5 U	81.3 U	73.8 U	**332 J**	**268 J**	**540 J**	**5010 J**	**5800 J**	**579 J**
Chromium	30	NE	180	**19.3 J**	**5.3**	**14.7**	**15.9**	**16.7**	**6.7 J**	**4.8**	**17.6**	**27.7**	**20.2**	**74**
Cobalt	NE	NE	NE	**12.1 J**	**2.9**	**6 J**	**7.5**	**4.4 J**	**1.2 J**	**9.6 J**	**16.3 J**	**17.4 J**	**15.5 J**	**26.7 J**
Copper	50	1720	270	**168 J**	**6.8**	**13.7**	**14.8**	**17.4 J**	**7.1**	**5.8**	**28.4**	**50.3**	**58.9**	**68.9**
Iron	NE	NE	NE	**12400 J**	**6430 J**	**31400 J**	**19900 J**	**49200 J**	**439**	**3260**	**27800**	**41900**	**33400**	**42900**
Lead	63	450	400	**208**	3.9 U	4.3 UJ	4.9 U	4.4 UJ	20.6 U	**3.8 J**	**7 J**	**4.9**	**1.5 J**	**7.3**
Magnesium	NE	NE	NE	**634 J**	**1520**	72.5 U	**1480**	73.8 U	**62.9 J**	**83.5**	**5600**	**10600**	**9350**	**10300**
Manganese	1600	2000	2000	**40.7 J**	**108**	**352**	**217**	**421**	**4.1 J**	**6.2**	**288**	**593**	**441**	**338**
Mercury	0.18	0.73	0.81	**2.18 J**	0.051 U	0.061 U	**0.0074 J**	**0.022**	0.056 U	0.055 U	0.058 U	0.055 U	0.059 U	0.055 U
Nickel	30	130	310	**30.6 J**	**6.2**	**8.2**	**12.1**	**7.6**	6.9 U	**6.3 J**	**18.8 J**	**17.7 J**	**13.7 J**	**57.3 J**
Potassium	NE	NE	NE	**531 J**	**409 J**	72.5 UJ	**627 J**	**607 J**	688 UJ	**32.4 J**	**2980**	**13400**	**10500**	**9740**
Selenium	3.9	4	180	**1.59 J**	9.8 U	10.9 UJ	12.2 U	11.1 UJ	51.6 U	10.7 U	11 UJ	10.7 UJ	11.1 UJ	10.8 UJ
Silver	2	8.3	180	2.83 UJ	1.3 U	**0.3 J**	**0.12 J**	**0.22 J**	6.9 U	1.4 U	1.5 UJ	1.4 UJ	1.5 UJ	1.4 UJ
Sodium	NE	NE	NE	**475 J**	65.1 U	72.5 U	81.3 U	73.8 U	688 U	142 U	**1110**	**549 J**	**1030 J**	**232 J**
Thallium	NE	NE	NE	3.54 R	3.9 U	4.3 U	4.9 U	4.4 U	20.6 U	4.3 U	4.4 UJ	4.3 UJ	4.4 UJ	4.3 UJ

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Tin	NE	NE	NE	70.8 UJ	3.3 U	3.6 U	4.1 U	3.7 U	17.2 U	3.6 U	3.7 U	3.6 U	3.7 U	**5.5**
Vanadium	NE	NE	NE	**7.72 J**	**8.9**	**25.8**	**25.5**	**20.6**	**3.5 J**	**4.6**	**65.7**	**94.8**	**84.1**	**90**
Zinc	109	2480	10000	**314 J**	**13.4**	**34.6**	**31**	**35.1**	34.4 U	**6.8**	**96.4**	**89.5**	**58.5**	**102**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.297 U	0.213 U	0.243 U	0.257 U	0.243 U	0.231 U	0.229 U	0.234 U	0.236 U	0.239 U	0.231 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 2										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-23 (15-20) 8/11/2022	WW-SB-23 (31-33) 7/17/2009	WW-SB-23 (62-63) 7/17/2009	WW-SB-24 (38-40) 7/16/2009	WW-SB-24 (53-55) 7/16/2009	WW-SB-37 (96-97) 12/28/2009	WW-SB-38 (96.5-97) 12/29/2009	WW-SB-39 (96-97) 12/30/2009	WW-SB-40 (95-95.5) 12/23/2009	Duplicate of WW-SB-40 (95-95.5) 12/23/2009	WW-SB-41 (96-97) 12/22/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.33 J**	0.0062 U	0.0061 U	**230**	**2.8**	**7.1 J**	**0.013**	**0.0081**	0.0036 U	0.0026 U
Toluene	0.7	0.7	100	**5**	0.0062 U	0.0061 U	**400**	0.6 U	**4.6 J**	0.0061 U	0.0064 U	0.0036 U	0.0026 U
Ethylbenzene	1	1	41	**2.5**	0.0062 U	0.0061 U	**64**	**0.89**	**470**	0.0061 UJ	0.0064 U	0.0036 U	0.0026 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0072 U	0.0053 U
Total Xylene	0.26	1.6	100	**18**	0.0062 U	0.0061 U	**550**	0.6 U	**550**	0.0061 UJ	0.0064 U	NA	NA
Total BTEX	NE	NE	NE	**25.83**	ND	ND	**1244**	**3.69**	**1031.7**	**0.013**	**0.0081**	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	2.8 UJ	0.025 U	0.025 U	66 U	1.5 U	37 U	0.024 UJ	**0.049 J**	0.0359 U	**0.0477 J**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	**0.052**
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	**0.0014 J**
Carbon disulfide	NE	NE	NE	1.1 U	0.0062 UJ	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	**0.0012 J**
Chlorobenzene	1.1	1.1	100	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 UJ	0.0064 U	0.0036 U	0.0026 U
Chloroform (Trichloromethane)	0.37	0.37	49	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
1,1-Dichloroethane	0.27	0.27	26	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
1,1-Dichloroethene	0.33	0.33	100	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
cis-1,2-Dichloroethene	0.25	0.25	100	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
trans-1,2-Dichloroethene	0.19	0.19	100	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
1,2-Dichloropropane	NE	NE	NE	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	**0.002 J**
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	1.1 UJ	0.012 U	0.012 U	26 U	0.6 U	15 U	0.012 UJ	0.013 U	0.0359 U	0.0264 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 UJ	0.0064 U	0.0359 U	0.0264 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
Methylene chloride	0.05	0.05	100	1.1 U	**0.0031 J**	0.025 U	26 U	0.6 U	15 U	0.024 U	0.026 U	0.0179 U	0.0132 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	**0.0107**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
Styrene	NE	NE	NE	**7.3**	0.0062 U	0.0061 U	**420**	0.6 U	15 U	0.0061 UJ	0.0064 U	0.0036 U	**0.0023 J**
1,1,2,2-Tetrachloroethane	NE	NE	NE	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 UJ	0.0064 U	0.0036 U	0.0026 U
Tetrachloroethene (PCE)	1.3	1.3	19	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 UJ	0.0064 U	0.0036 U	0.0026 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
1,1,2-Trichloroethane	NE	NE	NE	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Trichloroethene (TCE)	0.47	0.47	21	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0036 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	**0.0016 J**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	0.0036 U	0.0026 U
Vinyl chloride	0.02	0.02	0.9	1.1 U	0.0062 U	0.0061 U	26 U	0.6 U	15 U	0.0061 U	0.0064 U	0.0072 U	0.0053 U
Total VOCs	NE	NE	NE	**33.13**	**0.0031**	ND	**1664**	**3.69**	**1031.7**	**0.013**	**0.0571**	ND	**0.1189**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**1.5 J**	0.33 U	**0.27 J**	**46 J**	**0.028 J**	**290**	0.32 U	0.34 U	**0.677 J**	**4.94**
Acenaphthylene	100	107	100	**14**	0.33 U	**2.9**	**460**	**0.13 J**	**37 J**	0.32 U	0.34 U	**0.525 J**	**5.59**
Anthracene	100	1000	100	**6.1**	0.33 U	**0.99**	**130 J**	**0.051 J**	**91 J**	0.32 U	0.34 U	**1.41**	**2.14**
Benzo(a)anthracene	1	1	1	**3.6 J**	0.33 U	**6.9**	**83 J**	**0.04 J**	**44 J**	0.32 U	0.34 U	**4.9**	**15.9**
Benzo(b)fluoranthene	1	1.7	1	**1.9 J**	0.33 U	**8.1**	**34 J**	0.32 U	**24 J**	**0.07 J**	0.34 U	**5.21**	**7.11**
Benzo(k)fluoranthene	0.8	1.7	3.9	**0.81 J**	0.33 U	**3.3**	350 U	0.32 U	160 U	0.32 U	0.34 U	**3.93**	**7.37**
Benzo(g,h,i)perylene	100	1000	100	**0.45 J**	0.33 U	**6.1**	350 U	0.32 U	**12 J**	**0.42**	**0.44**	**10.1**	**9.39**
Benzo(a)pyrene	1	22	1	**2.5 J**	0.33 U	**12**	**58 J**	**0.03 J**	**35 J**	**0.044 J**	**0.049 J**	**12.3**	**19.7**
Chrysene	1	1	3.9	**3.6 J**	0.33 U	**6**	**75 J**	**0.028 J**	**43 J**	0.32 U	0.34 U	**5.48**	**16.2**
Dibenz(a,h)anthracene	0.33	1000	0.33	5.9 U	0.33 U	**2.3**	350 U	0.32 U	160 U	0.32 U	0.34 U	**1.25**	**1.5**
Fluoranthene	100	1000	100	**6.4**	0.33 U	**5.4**	**130 J**	**0.057 J**	**76 J**	0.32 U	0.34 U	**5.48**	**33.5**
Fluorene	30	386	100	**9.5**	0.33 U	**0.37 J**	**220 J**	**0.066 J**	**120 J**	0.32 U	0.34 U	**0.34 J**	1.14 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**0.54 J**	0.33 U	**7.6**	350 U	0.32 U	**110 J**	**0.28 J**	0.34 U	**7.58**	**7.28**
2-Methylnaphthalene	NE	NE	NE	**45**	0.33 U	**0.26 J**	**1200**	**0.37**	**840**	**0.023 J**	**0.014 J**	**0.24 J**	1.14 U
Naphthalene	12	12	100	**90**	0.33 U	**0.58 J**	**3300**	**1**	**1700**	**0.062 J**	**0.038 J**	**0.536 J**	1.14 U
Phenanthrene	100	1000	100	**22**	0.33 U	**1.9**	**490**	**0.2 J**	**310**	0.32 U	0.34 U	**4.48**	**0.639 J**
Pyrene	100	1000	100	**8.9**	0.33 U	**5.6**	**190 J**	**0.086 J**	**120 J**	0.32 U	0.34 U	**9.72**	**68.6**
Total PAHs	NE	NE	NE	**216.8**	ND	**70.57**	**6416**	**2.086**	**3852**	**0.899**	**0.541**	**74.158**	**199.859**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	1.55 U	2.29 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.772 U	1.14 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	5.9 U	0.33 U	**0.21 J**	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Butyl benzyl phthalate	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.772 U	1.14 U
Carbazole	NE	NE	NE	5.9 U	0.33 U	**0.45 J**	350 U	0.32 U	160 U	0.32 U	0.34 U	**0.263 J**	1.14 U
2-Chloronaphthalene	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Dibenzofuran	7	210	59	**1.1 J**	0.33 U	**0.18 J**	**27 J**	0.32 U	**14 J**	0.32 U	0.34 U	0.772 U	1.14 U
Diethyl phthalate	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Dimethyl phthalate	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
2,4-Dimethylphenol	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Di-n-butyl phthalate	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
2,6-Dinitrotoluene	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Di-n-octyl phthalate	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.24 J**	1.14 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U

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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	1.55 U	2.29 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Phenol	0.33	0.33	100	5.9 U	0.33 U	0.65 U	350 U	0.32 U	160 U	0.32 U	0.34 U	0.772 U	1.14 U
Total SVOCs	NE	NE	NE	**217.9**	ND	**71.41**	**6443**	**2.086**	**3866**	**0.899**	**0.541**	**74.421**	**199.859**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.021 U	NA	NA	NA	NA	NA	0.05 U	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.021 U	NA	NA	NA	NA	NA	0.05 U	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.021 U	NA	NA	NA	NA	NA	**0.3 J**	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.021 U	NA	NA	NA	NA	NA	**0.2**	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.05 U	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	NA	NA	**0.5**	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0021 U	NA	NA	NA	NA	NA	0.0028 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	**0.0027 J**	NA	NA	NA	NA	NA	0.0028 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0021 U	NA	NA	NA	NA	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0021 U	NA	NA	NA	NA	NA	0.0028 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.0848 JN**	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.0021 U	NA	NA	NA	NA	NA	**0.0189**	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.0045 J**	NA	NA	NA	NA	NA	**0.0174 J**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.014 JN**	NA	NA	NA	NA	NA	0.0028 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.004 U	NA	NA	NA	NA	NA	**0.004**	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.004 UJ	NA	NA	NA	NA	NA	0.0028 U	NA

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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Dieldrin	0.005	0.1	0.2	NA	NA	0.004 UJ	NA	NA	NA	NA	NA	**0.0087 JN**	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0021 U	NA	NA	NA	NA	NA	0.0028 U	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	**0.0087 JN**	NA	NA	NA	NA	NA	0.0028 U	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	**0.017 J**	NA	NA	NA	NA	NA	0.0028 U	NA
Endrin	0.014	0.06	11	NA	NA	**0.0074 JN**	NA	NA	NA	NA	NA	0.0028 U	NA
Endrin aldehyde	NE	NE	NE	NA	NA	**0.023 J**	NA	NA	NA	NA	NA	0.0028 U	NA
Endrin ketone	NE	NE	NE	NA	NA	**0.019 J**	NA	NA	NA	NA	NA	0.0028 U	NA
Heptachlor	0.042	0.38	2.1	NA	NA	**0.0043 J**	NA	NA	NA	NA	NA	**0.0017 J**	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0021 U	NA	NA	NA	NA	NA	0.0028 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	0.0028 U	NA
Methoxychlor	NE	NE	NE	NA	NA	**0.033 JN**	NA	NA	NA	NA	NA	0.0028 U	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.096 U	NA	NA	NA	NA	NA	0.206 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.206 U	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	20.6 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	20.3 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.024 U	NA	NA	NA	NA	NA	0.01 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.024 U	NA	NA	NA	NA	NA	0.01 U	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**3830**	**3400**	**7330**	**1860**	**2790**	**4480 J**	**2710 J**	**7800 J**	**3900 J**	**10400**
Antimony	NE	NE	NE	22.7 UJ	4.9 UJ	4.8 UJ	5.3 UJ	4.9 UJ	4.9 UJ	4.9 UJ	5.2 UJ	**0.52 J**	2.17 UJ
Arsenic	13	16	16	28.8 U	**3.4**	**2.3 J**	6.7 U	6.3 U	**2.3 J**	**3.1 J**	**14.3 J**	**6.99 J**	**2.55 J**
Barium	350	820	400	**35.3 J**	**34.4**	**48.5 J**	**18.4 J**	**19.9 J**	**26.5 J**	**39.7 J**	**87.2 J**	**56.8 J**	**35.7**
Beryllium	7.2	47	72	**0.73 J**	**0.56 J**	**0.67 J**	**0.42 J**	**0.53 J**	**0.44 J**	**0.8 J**	**1.8**	**0.26 J**	**0.71 J**
Cadmium	2.5	7.5	4.3	6.9 UJ	**0.49 J**	**0.33 J**	1.6 U	1.5 UJ	1.5 U	1.5 U	1.6 U	1.9 UJ	1.74 U
Calcium	NE	NE	NE	**3060 J**	**469 J**	**1150 J**	**436 J**	**666 J**	**737 J**	**1360 J**	**2210 J**	**46400 J**	**1160 J**
Chromium	30	NE	180	**10.3 J**	**4.9**	**15.7 J**	**8 J**	**11.5 J**	**11.2 J**	**10.3 J**	**18.2 J**	**11.2 J**	**16.3 J**
Cobalt	NE	NE	NE	**1.2 J**	**185 J**	**6.4**	**6.5**	**5.3 J**	**5.3 J**	**15.8 J**	**53.9 J**	**1.73 J**	**9.14 J**
Copper	50	1720	270	**5.8 J**	**264**	**24.8 J**	**17.1 J**	**16.8 J**	**12.9**	**35.1**	**53.9**	**44.1 J**	**11.8 J**
Iron	NE	NE	NE	**247000**	**19100**	**15800**	**10300**	**25100**	**13000 J**	**4110 J**	**9520 J**	**7750 J**	**16200 J**
Lead	63	450	400	**7.1 J**	**11.4**	**45 J**	**4.7 J**	**5.9 J**	**4.6**	**14.5 J**	**25.9 J**	**165 J**	**12 J**
Magnesium	NE	NE	NE	**3850**	**265**	**2010**	**782**	**794**	**2530 J**	**568 J**	**1600 J**	**19600 J**	**2510 J**
Manganese	1600	2000	2000	**4820**	**11.3**	**269**	**92.1**	**555**	**79.6 J**	**27.4 J**	**78.3 J**	**140 J**	**158**
Mercury	0.18	0.73	0.81	0.053 U	0.058 U	**0.037 J**	0.065 UJ	**0.0078 J**	0.059 U	**0.035**	**0.018 J**	**0.737**	**0.016 J**
Nickel	30	130	310	**4.3 J**	**231 J**	**13.6 J**	**7.6 J**	**5.6 J**	**13.4 J**	**16.7 J**	**70 J**	**11.6 J**	**16 J**
Potassium	NE	NE	NE	**492**	**43.7 J**	**806 J**	**380 J**	**448 J**	**729 J**	**559 J**	**799 J**	**681 J**	2170 UJ
Selenium	3.9	4	180	51.5 UJ	11.2 U	11 UJ	11.9 U	11.2 U	11.1 R	11.1 R	11.8 R	2.37 UJ	2.17 U
Silver	2	8.3	180	6.9 UJ	1.5 U	1.5 U	1.6 U	1.5 UJ	1.5 U	1.5 U	1.6 U	1.9 U	1.74 U
Sodium	NE	NE	NE	687 U	**46.3 J**	**65.1 J**	**138 J**	74.5 UJ	**347**	**119 J**	**248 J**	2370 UJ	2170 U
Thallium	NE	NE	NE	20.6 UJ	**1.8 J**	4.4 U	4.8 U	4.5 U	4.4 U	4.4 U	4.7 U	2.37 UJ	2.17 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Tin	NE	NE	NE	17.2 U	3.7 U	3.7 U	4 U	3.7 U	3.7 U	3.7 U	3.9 U	47.4 UJ	43.4 UJ
Vanadium	NE	NE	NE	**19.4 J**	**25.2**	**25.9 J**	**17.9 J**	**21.5 J**	**14.2 J**	**18.4 J**	**26.9 J**	**10.4 J**	**27.1**
Zinc	109	2480	10000	**22.8 J**	**161**	**91.3 J**	**17.4 J**	**23.8 J**	**20.8 J**	**81.1 J**	**287 J**	**188 J**	**57.8 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.222 U	0.247 U	0.241 U	0.264 U	0.233 U	0.233 U	0.241 U	0.255 U	0.223 U	0.239 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 2		Adjacent to Parcel 2 - N.12th St			Adjacent to Parcel 2 - N.11th St			Parcel 3	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-42 (62-62.5) 12/22/2009	WW-SB-42 (96.5-97) 12/22/2009	WW-MW-07 (4-5) 6/22/2009	WW-MW-07 (48.5-49.5) 6/23/2009	WW-MW-07 (59-60) 6/23/2009	WW-MW-08 (7.5-8.5) 6/19/2009	WW-MW-08 (40-45) 6/19/2009	Duplicate of WW-MW-08 (40-45) 6/19/2009	WW-MW-200 (0-5) 7/18/2022	WW-MW-200 (7-10) 7/20/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.802**	**0.81 J**	0.0039 U	0.0013 U	0.0041 U
Toluene	0.7	0.7	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.0047 J**	**0.00067 J**	0.0039 U	0.0013 U	0.0041 U
Ethylbenzene	1	1	41	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.13**	**0.041**	0.0039 U	0.0013 U	0.0041 U
o-Xylene	0.26	1.6	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.0569**	**0.0061**	0.0039 U	0.0013 U	0.0041 U
m/p-Xylene	0.26	1.6	100	0.006 U	0.0015 U	0.0017 U	0.0075 U	**0.0583**	**0.027**	0.0077 U	0.0013 U	0.0082 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	ND	ND	**1.0519**	**0.88477**	ND	ND	ND
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	**0.0039 J**	**0.02**	**0.019**	0.0377 U	0.0523 U	**0.014**	0.0387 U	**0.021**	0.0409 U
n-Butylbenzene	12	12	100	0.003 U	NA	NA	0.0038 U	0.0052 U	NA	0.0039 U	NA	0.0041 U
sec-Butylbenzene	11	11	100	0.003 U	NA	NA	0.0038 U	0.0052 U	NA	0.0039 U	NA	0.0041 U
tert-Butylbenzene	5.9	5.9	100	0.003 U	NA	NA	0.0038 U	0.0052 U	NA	0.0039 U	NA	0.0041 U
Carbon disulfide	NE	NE	NE	0.003 U	**0.0015**	0.0017 U	0.0038 U	0.0052 U	**0.0037**	0.0039 U	**0.00046 J**	0.0041 U
Chlorobenzene	1.1	1.1	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Cyclohexane	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.003 U	NA	NA	0.0038 U	**0.0041 J**	NA	0.0039 U	NA	0.0041 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.003 UJ	0.0015 UJ	0.0017 UJ	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,1-Dichloroethane	0.27	0.27	26	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,1-Dichloroethene	0.33	0.33	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
cis-1,2-Dichloroethene	0.25	0.25	100	**0.0012 J**	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,2-Dichloropropane	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Isopropylbenzene	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.0129**	**0.011**	0.0039 U	0.0013 U	0.0041 U
Methyl acetate	NE	NE	NE	0.003 U	0.0077 U	0.0084 U	0.0038 U	0.0052 U	0.0057 U	0.0039 U	0.0067 U	0.0041 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0299 U	**0.0062 J**	**0.0057 J**	0.0377 U	0.0523 U	0.0057 U	0.0387 U	0.0067 U	0.0409 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0299 U	0.0077 U	0.0084 U	0.0377 U	0.0523 U	0.0057 U	0.0387 U	0.0067 U	0.0409 U
Methylcyclohexane	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Methylene chloride	0.05	0.05	100	0.015 U	0.0031 U	0.0034 U	0.0188 U	0.0262 U	0.0023 U	0.0194 U	0.0027 U	0.0205 U
Naphthalene	12	12	100	0.003 U	NA	NA	0.0038 U	**4.67**	NA	0.0039 U	NA	0.0041 U
n-Propylbenzene	3.9	3.9	100	0.003 U	NA	NA	0.0038 U	**0.0054**	NA	0.0039 U	NA	0.0041 U
Styrene	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	**0.002 J**	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
Tetrahydrofuran	NE	NE	NE	0.003 U	NA	NA	0.0038 U	0.0052 U	NA	0.0039 U	NA	0.0041 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,1,2-Trichloroethane	NE	NE	NE	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Trichloroethene (TCE)	0.47	0.47	21	0.003 U	0.0015 U	0.0017 U	0.0038 U	0.0052 U	0.0011 U	0.0039 U	0.0013 U	0.0041 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.003 U	NA	NA	0.0038 U	**0.0955**	NA	0.0039 U	NA	0.0041 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.003 U	NA	NA	0.0038 U	**0.0257**	NA	0.0039 U	NA	0.0041 U
Vinyl chloride	0.02	0.02	0.9	0.006 U	0.0015 UJ	0.0017 UJ	0.0075 U	0.0105 U	0.0011 U	0.0077 U	0.0013 U	0.0082 U
Total VOCs	NE	NE	NE	**0.0051**	**0.0277**	**0.0247**	ND	**5.8675**	**0.91347**	ND	**0.02146**	ND
PAHs (mg/kg)												
Acenaphthene	20	98	100	0.405 U	0.33 U	0.34 U	**0.365 J**	**0.0686 J**	**0.043 J**	0.199 U	0.42 U	0.717 U
Acenaphthylene	100	107	100	0.405 U	0.33 U	0.34 U	**1.94**	**0.0144 J**	0.4 U	0.199 U	0.42 U	0.717 U
Anthracene	100	1000	100	0.405 U	0.33 U	0.34 U	**1.54**	0.209 U	0.4 U	0.199 U	0.42 U	**0.134 J**
Benzo(a)anthracene	1	1	1	0.405 U	0.033 U	0.034 U	**2.87**	0.209 U	**0.032 J**	0.199 U	0.042 U	**0.637 J**
Benzo(b)fluoranthene	1	1.7	1	0.405 U	**0.082**	0.034 U	**2.44**	0.209 U	**0.03 J**	0.199 U	0.042 U	**0.608 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.405 U	**0.033**	0.034 U	**2.01**	0.209 U	**0.012 J**	0.199 U	0.042 U	**0.448 J**
Benzo(g,h,i)perylene	100	1000	100	0.405 U	**0.06 J**	0.34 U	**2.05**	0.209 U	0.4 U	0.199 U	0.42 U	**0.404 J**
Benzo(a)pyrene	1	22	1	0.203 U	**0.048**	0.034 U	**3.17**	0.209 U	**0.025 J**	0.199 U	0.042 U	**0.668**
Chrysene	1	1	3.9	0.203 U	**0.016 J**	0.34 U	**2.68**	0.209 U	**0.02 J**	0.199 U	0.42 U	**0.611**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.203 U	**0.028 J**	0.034 U	**0.511**	0.209 U	0.04 U	0.199 U	0.042 U	0.36 U
Fluoranthene	100	1000	100	0.405 U	0.33 U	0.34 U	**4.77**	0.209 U	**0.045 J**	0.199 U	0.42 U	**0.979**
Fluorene	30	386	100	0.405 U	0.33 U	0.34 U	**0.328 J**	**0.0311 J**	0.4 U	0.199 U	0.42 U	0.717 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.405 U	**0.068**	0.034 U	**2.54**	0.209 U	0.04 U	0.199 U	0.042 U	**0.475 J**
2-Methylnaphthalene	NE	NE	NE	0.405 U	0.33 U	0.34 U	**0.361 J**	**0.172 J**	**0.046 J**	0.199 U	0.42 U	0.717 U
Naphthalene	12	12	100	0.405 U	0.33 U	0.34 U	**0.735**	**0.984**	**0.16 J**	0.199 U	0.42 U	0.717 U
Phenanthrene	100	1000	100	0.405 U	0.33 U	0.34 U	**3.41**	**0.0576 J**	**0.041 J**	0.199 U	0.42 U	**0.373 J**
Pyrene	100	1000	100	0.405 U	**0.019 J**	0.34 U	**4.99**	0.209 U	**0.037 J**	0.199 U	0.42 U	**1.02**
Total PAHs	NE	NE	NE	ND	**0.354**	ND	**36.71**	**1.3277**	**0.491**	ND	ND	**6.357**
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	0.812 U	0.33 U	0.34 U	0.806 U	0.209 U	0.4 U	0.199 U	0.42 U	1.44 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	**0.0145 J**	0.4 U	0.0199 U	0.42 U	0.717 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	**0.208 J**	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Butyl benzyl phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Caprolactam	NE	NE	NE	0.405 U	0.33 UJ	0.34 UJ	0.402 U	0.209 U	0.4 UJ	0.199 U	0.42 UJ	0.717 U
Carbazole	NE	NE	NE	0.405 U	0.33 U	0.34 U	**0.339 J**	**0.0167 J**	0.4 U	0.199 U	0.42 U	0.717 U
2-Chloronaphthalene	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Dibenzofuran	7	210	59	0.405 U	0.33 U	0.34 U	**0.226 J**	**0.0222 J**	0.4 U	0.199 U	0.42 U	0.717 U
Diethyl phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Dimethyl phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	**0.21 J**	0.199 U	0.42 U	0.717 U
2,4-Dimethylphenol	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Di-n-butyl phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	**0.22 J**	0.199 U	**0.15 J**	0.717 U
2,6-Dinitrotoluene	NE	NE	NE	0.405 U	0.068 U	0.068 U	0.402 U	0.209 U	0.081 U	0.199 U	0.086 U	0.717 U
Di-n-octyl phthalate	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.418 U	0.4 U	0.398 U	0.42 U	0.717 U
2-Methylnaphthalene	NE	NE	NE	0.405 U	0.33 U	0.34 U	**0.361 J**	**0.172 J**	**0.046 J**	0.199 U	0.42 U	0.717 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.812 U	NA	NA	0.806 U	0.209 U	NA	0.199 U	NA	1.44 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	0.33 U	0.34 U	NA	NA	0.4 U	NA	0.42 U	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Phenol	0.33	0.33	100	0.405 U	0.33 U	0.34 U	0.402 U	0.209 U	0.4 U	0.199 U	0.42 U	0.717 U
Total SVOCs	NE	NE	NE	ND	**0.354**	ND	**37.483**	**1.3811**	**0.921**	ND	**0.15**	**6.357**
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)												
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3								
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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	NA	NA	NA	0.06 U	NA	NA	NA	NA	0.06 U
Aroclor 1248	NE	NE	NE	NA	NA	NA	0.06 U	NA	NA	NA	NA	0.06 U
Aroclor 1254	NE	NE	NE	NA	NA	NA	**1 J**	NA	NA	NA	NA	0.06 U
Aroclor 1260	NE	NE	NE	NA	NA	NA	**0.4 J**	NA	NA	NA	NA	**0.1**
Aroclor 1268	NE	NE	NE	NA	NA	NA	0.06 U	NA	NA	NA	NA	0.06 U
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	**1.4**	NA	NA	NA	NA	**0.1**
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	0.0018 U	NA	NA	NA	NA	0.0016 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	**0.121 J**	NA	NA	NA	NA	**0.185 J**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	**0.0161**	NA	NA	NA	NA	**0.0286 JN**
gamma-Chlordane	NE	NE	NE	NA	NA	NA	**0.0156 J**	NA	NA	NA	NA	**0.0222 J**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	0.0031 U	NA	NA	NA	NA	**0.0073 JN**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	**0.0047 JN**	NA	NA	NA	NA	**0.0052 JN**
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Dieldrin	0.005	0.1	0.2	NA	NA	NA	**0.0257**	NA	NA	NA	NA	**0.0069 JN**
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 UJ
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Endrin	0.014	0.06	11	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Endrin aldehyde	NE	NE	NE	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Endrin ketone	NE	NE	NE	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Heptachlor	0.042	0.38	2.1	NA	NA	NA	**0.0024 J**	NA	NA	NA	NA	**0.003**
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Methoxychlor	NE	NE	NE	NA	NA	NA	0.0031 U	NA	NA	NA	NA	0.0027 U
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.215 U	NA	NA	NA	NA	0.207 U
Dicamba	NE	NE	NE	NA	NA	NA	0.011 U	NA	NA	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	NA	NA	0.215 U	NA	NA	NA	NA	0.207 U
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	**2.64 J**	NA	NA	NA	NA	20.7 U
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	**9.18 J**	NA	NA	NA	NA	20.5 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.011 U	NA	NA	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	0.011 U	NA	NA	NA	NA	0.01 U
Metals (mg/kg)												
Aluminum	NE	NE	NE	**8400**	**3490 J**	**2400 J**	**7110**	**3610**	**3620 J**	**10800**	**3260 J**	**5300 J**
Antimony	NE	NE	NE	2.66 UJ	0.95 U	0.91 U	**2.18 J**	2.88 U	0.99 U	2.99 U	4.8 U	2.54 UJ
Arsenic	13	16	16	2.66 UJ	**1**	**0.74 J**	**10.2**	**1.42 J**	**1.1**	**1.33 J**	**9.1**	**2.48 J**
Barium	350	820	400	**73.8**	**29.7**	**17.7**	**219**	**21.3 J**	**14.4**	**42.1**	**9.4 J**	**59.9 J**
Beryllium	7.2	47	72	**0.65 J**	**0.18 J**	**0.2 J**	**0.33 J**	**0.35 J**	**0.31 J**	**0.75 J**	**1.2 J**	**0.38 J**
Cadmium	2.5	7.5	4.3	2.13 U	0.95 U	0.91 U	**1.44 J**	2.31 U	0.99 U	2.39 U	4.8 U	2.03 UJ
Calcium	NE	NE	NE	**9040 J**	**5860 J**	**1000 J**	**22300 J**	**844**	**1060 J**	**2570**	**320 J**	**56500 J**
Chromium	30	NE	180	**19 J**	**9.2**	**7.3**	**25.6**	**7.51 J**	**11.3**	**25.3**	**13.1**	**10.9 J**
Cobalt	NE	NE	NE	**7.17 J**	**3.7**	**3.6**	**5.87 J**	**4.93 J**	**4.8**	**8.47 J**	**40.2**	**2.54 J**
Copper	50	1720	270	**14.3 J**	**8.1**	**7.3**	**192**	**6.87 J**	**9.4**	**15.9 J**	**36.1**	**22.4 J**
Iron	NE	NE	NE	**16500 J**	**8420**	**9050**	**18800**	**30700**	**15100**	**28700**	**167000**	**8950 J**
Lead	63	450	400	**8.11 J**	**2.8**	**3.2**	**459**	**4.14 J**	**4.6**	**9.71 J**	**20.8**	**78.3 J**
Magnesium	NE	NE	NE	**7130 J**	**3440 J**	**1310 J**	**3320**	**1620**	**1340 J**	**4150**	**914 J**	**17700 J**
Manganese	1600	2000	2000	**302**	**131 J**	**90.6 J**	**277**	**126 J**	**196 J**	**690 J**	**4440 J**	**172 J**
Mercury	0.18	0.73	0.81	0.036 U	0.016 U	0.016 U	**0.77**	0.038 U	0.018 U	0.035 U	0.02 U	**0.117**
Nickel	30	130	310	**16.3 J**	**7.9**	**5**	**24.4 J**	**6.57 J**	**8.3**	**16.2 J**	**16.5**	**11.1 J**
Potassium	NE	NE	NE	2660 UJ	**864**	**663**	**984 J**	**934 J**	**704**	**1970 J**	**174 J**	**1010 J**
Selenium	3.9	4	180	2.66 U	1.2 U	1.1 U	2.59 U	2.88 U	1.2 U	2.99 U	5.9 U	2.54 UJ
Silver	2	8.3	180	2.13 U	0.38 U	0.36 U	2.07 U	2.31 U	0.4 U	2.39 U	1.9 U	2.03 U
Sodium	NE	NE	NE	2660 U	**226**	**566**	**248 J**	**241 J**	**213**	**537 J**	476 U	2540 UJ
Thallium	NE	NE	NE	2.66 U	**0.054 J**	**0.05 J**	2.59 U	2.88 U	0.4 U	2.99 U	1.9 U	2.54 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Tin	NE	NE	NE	53.1 UJ	7.6 U	7.3 U	**82.8**	57.7 U	7.9 U	59.8 U	38.1 U	50.8 UJ
Vanadium	NE	NE	NE	**23.5**	**10.6**	**11.7**	**24.9**	**16**	**25.1**	**33.6**	**103**	**34.1 J**
Zinc	109	2480	10000	**53.6 J**	**16.3**	**12.7**	**696 J**	**29.6**	**17.8**	**47**	**98.3**	**78.9 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	0.239 U	1.1 U	1.1 U	0.233 U	0.262 U	**1.1 J**	0.242 U	**1.5**	0.225 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-200 (33-35) 7/20/2022	WW-MW-200D (40-42) 8/20/2024	WW-MW-200D (60-62) 8/20/2024	WW-MW-204 (0.4-5) 7/12/2022	WW-MW-204 (30-32) 7/21/2022	WW-MW-204D (40-42) 8/21/2024	WW-MW-204 (48-50) 7/21/2022	WW-MW-204D (60-62) 8/21/2024	WW-MW-205 (0-5) 7/18/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**4.22**	**85.6 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	**0.0179**	**0.0192**	0.0025 U	**0.743**
Toluene	0.7	0.7	100	**1.56 J**	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	**0.0032**	0.0035 U	0.0025 U	**0.375**
Ethylbenzene	1	1	41	**14.6**	**182 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	**0.547**	0.0035 U	0.0025 U	**47.1**
o-Xylene	0.26	1.6	100	**3.29**	**74.1 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	**0.225**	0.0035 U	0.0025 U	**15.1**
m/p-Xylene	0.26	1.6	100	**2.86**	**72.6 J**	0.0056 U	0.0014 U	0.0018 U	0.0094 U	**0.095**	0.0071 U	0.0049 U	**27**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**26.53**	**414.3**	ND	ND	ND	ND	**0.8881**	**0.0192**	ND	**90.318**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	6.02 U	396 U	0.028 UJ	**0.017**	0.011 U	0.0471 U	**0.0412 J**	0.0355 U	**0.0037 J**	4.15 U
n-Butylbenzene	12	12	100	**2.38**	**11.7 J**	0.0028 U	NA	NA	0.0047 U	**0.0086**	0.0035 U	0.0025 U	**3.1**
sec-Butylbenzene	11	11	100	**0.448**	15.8 U	0.0028 U	NA	NA	0.0047 U	0.0026 U	0.0035 U	0.0025 U	**0.153 J**
tert-Butylbenzene	5.9	5.9	100	**0.144 J**	15.8 U	0.0028 U	NA	NA	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Carbon disulfide	NE	NE	NE	0.241 U	15.8 U	0.0028 U	**0.00039 J**	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Chlorobenzene	1.1	1.1	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Cyclohexane	NE	NE	NE	**0.52**	**10.1 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**3.12**	**8.56 J**	0.0028 U	NA	NA	0.0047 U	**0.0079**	0.0035 U	0.0025 U	**2.63**
1,2-Dibromo-3-chloropropane	NE	NE	NE	1.44 UJ	95.1 UJ	0.0028 UJ	0.0014 UJ	0.0018 UJ	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.995 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
1,1-Dichloroethane	0.27	0.27	26	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
1,1-Dichloroethene	0.33	0.33	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
1,2-Dichloropropane	NE	NE	NE	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Isopropylbenzene	NE	NE	NE	**2.25**	**15.5 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	**0.0322**	0.0035 U	0.0025 U	**5.61**
Methyl acetate	NE	NE	NE	2.41 U	158 U	0.0028 U	0.0069 U	0.009 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	1.66 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	6.02 U	396 U	0.028 U	0.0069 U	0.009 U	0.0471 U	**0.0047 J**	0.0355 U	0.0246 U	4.15 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	2.41 U	158 U	0.028 U	0.0069 U	0.009 U	0.0471 U	0.0259 U	0.0355 U	0.0246 U	1.66 U
Methylcyclohexane	NE	NE	NE	**2.85**	**10.1 J**	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Methylene chloride	0.05	0.05	100	1.2 U	79.2 U	0.014 U	0.0028 U	0.0036 U	0.0235 U	0.0129 U	0.0177 U	0.0123 U	0.829 U
Naphthalene	12	12	100	**128**	**2030 J**	0.0028 U	NA	NA	0.0047 U	**10.4**	**0.0095 J**	0.0025 U	**569**
n-Propylbenzene	3.9	3.9	100	**1.51**	**7.29 J**	0.0028 U	NA	NA	0.0047 U	**0.0107**	0.0035 U	0.0025 U	**2.04**
Styrene	NE	NE	NE	**0.308**	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	**0.0431 J**
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 UJ	0.166 U
Tetrahydrofuran	NE	NE	NE	NA	NA	0.0028 U	NA	NA	0.0047 U	0.0026 U	0.0035 U	0.0025 U	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U
1,1,2-Trichloroethane	NE	NE	NE	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	0.0025 U	0.166 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
Trichloroethene (TCE)	0.47	0.47	21	0.241 U	15.8 U	0.0028 U	0.0014 U	0.0018 U	0.0047 U	0.0026 U	0.0035 U	**0.0012 J**	0.166 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**35.8**	**90 J**	0.0028 U	NA	NA	0.0047 U	**0.434**	0.0035 U	0.0025 U	**43.5**
1,3,5-Trimethylbenzene	8.4	8.4	52	**0.862**	**24.1 J**	0.0028 U	NA	NA	0.0047 U	**0.0336**	0.0035 U	0.0025 U	**10.4**
Vinyl chloride	0.02	0.02	0.9	0.241 U	15.8 U	0.0056 U	0.0014 UJ	0.0018 UJ	0.0094 U	0.0052 U	0.0071 U	0.0049 U	0.166 U
Total VOCs	NE	NE	NE	**204.722**	**2621.65**	ND	**0.01739**	ND	ND	**11.861**	**0.0287**	**0.0049**	**726.7941**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**85.3**	**173**	0.316 U	0.37 U	0.36 U	**0.397 J**	**0.181 J**	0.41 U	0.778 U	**22.7**
Acenaphthylene	100	107	100	**150**	**26.3**	0.316 U	0.37 U	0.36 U	**2.64**	0.426 U	0.41 U	0.778 U	**3.28**
Anthracene	100	1000	100	**93.6**	**78.1**	0.316 U	0.37 U	0.36 U	**1.99**	0.426 U	0.41 U	**0.285 J**	**4.95**
Benzo(a)anthracene	1	1	1	**119**	**58.8**	0.316 U	0.037 U	0.036 U	**5.46**	0.426 U	0.41 U	**0.915**	**3.32**
Benzo(b)fluoranthene	1	1.7	1	**76.9**	**38.8**	0.316 U	0.037 U	0.036 U	**4.6**	0.426 U	0.41 U	**0.81**	**0.97**
Benzo(k)fluoranthene	0.8	1.7	3.9	**30.6**	**13.9**	0.316 U	0.037 U	0.036 U	**3.9**	0.426 U	0.41 U	**0.65 J**	**1.2**
Benzo(g,h,i)perylene	100	1000	100	**33.3**	**14.9**	0.316 U	0.37 U	0.36 U	**3.34**	0.426 U	0.41 U	**0.52 J**	**0.664**
Benzo(a)pyrene	1	22	1	**119**	**53.2**	0.316 U	0.037 U	0.036 U	**5.71**	0.214 U	0.205 U	**0.911**	**2.38**
Chrysene	1	1	3.9	**109**	**53.1**	0.316 U	0.37 U	0.36 U	**4.85**	0.214 U	0.205 U	**0.892**	**2.9**
Dibenz(a,h)anthracene	0.33	1000	0.33	**11.5**	**5.25**	0.316 U	0.037 U	0.036 U	**1.03**	0.214 U	0.205 U	**0.121 J**	**0.234 J**
Fluoranthene	100	1000	100	**168**	**130 J**	0.316 U	0.37 U	0.36 U	**6.28**	0.426 U	**0.0751 J**	**1.94**	**4.74**
Fluorene	30	386	100	**65.7**	**137**	0.316 U	0.37 U	0.36 U	**0.285 J**	0.426 U	0.41 U	0.778 U	**5.92**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**38.4**	**18.8**	0.316 U	0.037 U	0.036 U	**4.25**	0.426 U	0.41 U	**0.566 J**	**0.798**
2-Methylnaphthalene	NE	NE	NE	**14.1**	**486**	0.316 U	0.37 U	0.36 U	**0.663 J**	**0.691**	0.41 U	0.778 U	**88.4**
Naphthalene	12	12	100	**35.8**	**1090**	0.316 U	0.37 U	0.36 U	**1.43**	**4.13**	**0.108 J**	0.778 U	**193**
Phenanthrene	100	1000	100	**86.3**	**369**	0.316 U	0.37 U	0.36 U	**3.84**	0.426 U	0.41 U	**1.12**	**20.7**
Pyrene	100	1000	100	**283**	**171**	0.316 U	0.37 U	0.36 U	**7.01**	0.426 U	0.41 U	**1.71**	**7.92**
Total PAHs	NE	NE	NE	**1519.5**	**2917.15**	ND	ND	ND	**57.675**	**5.002**	**0.1831**	**10.44**	**364.076**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	1.55 U	0.853 U	0.821 U	1.56 U	1.14 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**4.92**	**33.5**	0.0316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	**3.47**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Butyl benzyl phthalate	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Caprolactam	NE	NE	NE	2.25 U	**15**	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Carbazole	NE	NE	NE	**1.7 J**	**5.17**	0.316 U	0.37 U	0.36 U	**0.332 J**	0.426 U	0.41 U	0.778 U	**0.195 J**
2-Chloronaphthalene	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Dibenzofuran	7	210	59	2.25 U	**12**	0.316 U	0.37 U	0.36 U	**0.247 J**	0.426 U	0.41 U	0.778 U	**0.869**
Diethyl phthalate	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Dimethyl phthalate	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
2,4-Dimethylphenol	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Di-n-butyl phthalate	NE	NE	NE	2.25 U	1.29 U	0.316 U	**0.015 J**	**0.023 J**	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
2,6-Dinitrotoluene	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.075 U	0.073 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Di-n-octyl phthalate	NE	NE	NE	4.5 U	2.58 U	0.632 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
2-Methylnaphthalene	NE	NE	NE	**14.1**	**486**	0.316 U	0.37 U	0.36 U	**0.663 J**	**0.691**	0.41 U	0.778 U	**88.4**
2-Methylphenol (o-Cresol)	0.33	0.33	100	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	2.25 U	1.29 U	0.316 U	NA	NA	1.55 U	0.853 U	0.821 U	1.56 U	1.14 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	0.37 U	0.36 U	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Phenol	0.33	0.33	100	2.25 U	1.29 U	0.316 U	0.37 U	0.36 U	0.776 U	0.426 U	0.41 U	0.778 U	0.57 U
Total SVOCs	NE	NE	NE	**1526.12**	**2982.82**	ND	**0.015**	**0.023**	**58.254**	**5.002**	**0.1831**	**10.44**	**368.61**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10)	WW-MW-205 (10-15)	WW-MW-205 (35-40)	WW-MW-205D (38-40)	WW-MW-205D (70-72)	WW-SB-200 (0.4-3.5)	WW-SB-200 (13-15)	WW-SB-200 (25-26)	WW-SB-201 (0.4-5)	WW-SB-201 (12-15)
Sample Depth (feet)				8/9/2022	8/9/2022	8/9/2022	8/19/2024	8/19/2024	7/11/2022	7/18/2022	7/18/2022	7/14/2022	7/18/2022
Sample Date													
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10)	WW-MW-205 (10-15)	WW-MW-205 (35-40)	WW-MW-205D (38-40)	WW-MW-205D (70-72)	WW-SB-200 (0.4-3.5)	WW-SB-200 (13-15)	WW-SB-200 (25-26)	WW-SB-201 (0.4-5)	WW-SB-201 (12-15)
Sample Depth (feet)				8/9/2022	8/9/2022	8/9/2022	8/19/2024	8/19/2024	7/11/2022	7/18/2022	7/18/2022	7/14/2022	7/18/2022
Sample Date													
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	**0.002**	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	**0.00031 J**	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	**1.6**	NA	NA	0.06 U	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	**0.6**	NA	NA	**0.07**	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	**2.2**	NA	NA	**0.07**	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	0.0017 U	NA	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	**0.139 J**	NA	NA	**0.194 J**	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	**0.0265**	NA	NA	**0.037 J**	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	**0.0261**	NA	NA	**0.0241**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	**0.0862 JN**	NA	NA	**0.005 JN**	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	**0.0138 J**	NA	NA	**0.0075 J**	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	**0.0341**	NA	NA	**0.0134 J**	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 UJ	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	**0.0027 J**	NA	NA	**0.0026 J**	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	0.199 U	NA	NA	0.208 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	0.199 U	NA	NA	0.208 U	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	19.9 U	NA	NA	20.8 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	19.7 U	NA	NA	20.6 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	0.01 U	NA	NA	0.011 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	0.01 U	NA	NA	0.011 U	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**5870**	**8560**	**3900 J**	**3970 J**	**2170 J**	**5650**	**10200 J**	**4400 J**	**4690**	**9040 J**
Antimony	NE	NE	NE	2.82 UJ	2.13 UJ	2.4 UJ	1.1 U	0.91 U	**3.96**	2.7 UJ	2.57 UJ	2.77 U	2.11 UJ
Arsenic	13	16	16	**8.57**	**5.52**	2.4 UJ	**1 J**	**0.84 J**	**11.7**	**1.98 J**	**2.06 J**	**3.12**	**2.6 J**
Barium	350	820	400	**42.4 J**	**107 J**	**13.3 J**	**20**	**15.4**	**298**	**39.8 J**	**48 J**	**44.4**	**41.2 J**
Beryllium	7.2	47	72	**0.64 J**	**0.6 J**	**0.24 J**	**0.23 J**	**0.15 J**	1.08 U	**0.51 J**	**0.6 J**	**0.37 J**	**0.45 J**
Cadmium	2.5	7.5	4.3	2.25 U	1.7 U	1.92 UJ	1.1 U	0.91 U	**4.38**	2.16 UJ	2.05 UJ	2.22 U	1.69 UJ
Calcium	NE	NE	NE	**2440 J**	**53100 J**	**811 J**	**6810 J**	**6420 J**	**23900 J**	**734 J**	**835 J**	**33600**	**1940 J**
Chromium	30	NE	180	**11 J**	**15**	**7.66 J**	**7.3**	**4.7**	**193**	**14 J**	**16.6 J**	**9.81 J**	**20.3 J**
Cobalt	NE	NE	NE	**6.8 J**	**5.62 J**	**4.84 J**	**5**	**3.1**	**8.49 J**	**4.8 J**	**8.02 J**	**1.77 J**	**7.32 J**
Copper	50	1720	270	**30.4**	**54**	**6.12 J**	**10.9**	**4.7**	**278**	**7.45 J**	**9.09 J**	**17.5 J**	**12.6 J**
Iron	NE	NE	NE	**26200**	**19500**	**11800 J**	**10600**	**8020**	**44600**	**17100 J**	**41400 J**	**9420**	**20900 J**
Lead	63	450	400	**220**	**467**	47.9 UJ	**3.2**	**2.3**	**805**	**6.74 J**	**8.36 J**	**51.1 J**	**7.84 J**
Magnesium	NE	NE	NE	**1790 J**	**2590 J**	**2120 J**	**5460 J**	**3840 J**	**6710**	**2490 J**	**910 J**	**4480**	**2360 J**
Manganese	1600	2000	2000	**194**	**269**	**60.9 J**	**444 J**	**253 J**	**393**	**177 J**	**408 J**	**148**	**437 J**
Mercury	0.18	0.73	0.81	**0.031 J**	**0.052**	0.038 UJ	0.017 U	0.017 U	**2.29**	0.038 U	0.037 U	**0.155**	0.025 U
Nickel	30	130	310	**20.9 J**	**12.7 J**	**8.91 J**	**9.5**	**5.5**	**266**	**9.4 J**	**10.2 J**	**9.06 J**	**13.7 J**
Potassium	NE	NE	NE	**660 J**	**1080 J**	**658 J**	**906**	**422**	**748 J**	**823 J**	**534 J**	**698 J**	**823 J**
Selenium	3.9	4	180	**1.17 J**	**1.14 J**	2.4 UJ	1.3 U	1.1 U	**1.29 J**	2.7 UJ	2.57 UJ	2.77 U	2.11 UJ
Silver	2	8.3	180	2.25 U	1.7 U	1.92 U	0.42 U	0.36 U	**1.67 J**	2.16 U	2.05 U	2.22 U	1.69 U
Sodium	NE	NE	NE	**332 J**	**926 J**	**165 J**	**431**	**221**	**276 J**	2700 UJ	2570 UJ	**197 J**	2110 UJ
Thallium	NE	NE	NE	2.82 U	2.13 U	2.4 UJ	**0.047 J**	0.36 U	**0.62 J**	2.7 UJ	2.57 UJ	2.77 U	2.11 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-205 (5-10) 8/9/2022	WW-MW-205 (10-15) 8/9/2022	WW-MW-205 (35-40) 8/9/2022	WW-MW-205D (38-40) 8/19/2024	WW-MW-205D (70-72) 8/19/2024	WW-SB-200 (0.4-3.5) 7/11/2022	WW-SB-200 (13-15) 7/18/2022	WW-SB-200 (25-26) 7/18/2022	WW-SB-201 (0.4-5) 7/14/2022	WW-SB-201 (12-15) 7/18/2022
Tin	NE	NE	NE	56.3 U	**15.6 J**	47.9 UJ	8.4 U	7.3 U	48.9 U	54.1 UJ	51.3 UJ	55.4 UJ	42.2 UJ
Vanadium	NE	NE	NE	**31.6**	**22.6**	**13.3 J**	**11.2**	**8.8**	**26.1**	**21.4 J**	**28.4 J**	**32.3**	**33.8 J**
Zinc	109	2480	10000	**117 J**	**87.7 J**	**21 J**	**20.5**	**12.2**	**1280 J**	**30.8 J**	**45.7 J**	**59.3**	**31.4 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.266 U	0.257 U	0.244 U	1.2 U	1.2 U	0.22 U	0.245 U	0.244 U	0.233 U	0.242 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3									
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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0459**	**0.002 J**	**1.72**	0.0026 U	0.0023 U	**3.12**	**0.203 J**	0.0047 U	NA	**0.0148 J**
Toluene	0.7	0.7	100	0.0029 U	**0.0016 J**	**0.826**	0.0026 U	0.0023 U	**0.0066**	0.0032 U	**0.0019 J**	NA	**0.0013 J**
Ethylbenzene	1	1	41	0.0029 U	0.0039 U	**109 J**	0.0026 U	0.0023 U	**4.94**	**0.0084**	0.0047 U	NA	**0.0035 J**
o-Xylene	0.26	1.6	100	0.0029 U	0.0039 U	**26.7**	0.0026 U	0.0023 U	**0.0667**	**0.0064**	0.0047 U	NA	0.0027 UJ
m/p-Xylene	0.26	1.6	100	0.0058 U	0.0078 U	**33.7**	0.0053 U	0.0045 U	**0.0449**	**0.0032 J**	0.0094 U	NA	**0.0023 J**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0459**	**0.0036**	**171.946**	ND	ND	**8.1782**	**0.221**	**0.0019**	NA	**0.0219**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.029 U	**0.0142 J**	5.06 U	**0.0168 J**	**0.0137 J**	0.0311 U	**0.0153 J**	**0.0476 J**	NA	**0.174 J**
n-Butylbenzene	12	12	100	0.0029 U	0.0039 U	**7.7**	0.0026 U	0.0023 U	**0.109**	0.0032 U	0.0047 U	NA	**0.021 J**
sec-Butylbenzene	11	11	100	0.0029 U	0.0039 U	**0.801**	0.0026 U	0.0023 U	**0.031**	0.0032 U	0.0047 U	NA	**0.0279 J**
tert-Butylbenzene	5.9	5.9	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	**0.0029 J**	0.0032 U	0.0047 U	NA	**0.0046 J**
Carbon disulfide	NE	NE	NE	0.0029 U	0.0039 U	**0.0688 J**	0.0026 U	0.0023 U	**0.0031 J**	0.0032 U	**0.0016 J**	NA	**0.0035 J**
Chlorobenzene	1.1	1.1	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	**0.0233 J**
Chloroform (Trichloromethane)	0.37	0.37	49	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
Cyclohexane	NE	NE	NE	0.0029 U	0.0039 U	**0.332**	0.0026 U	0.0023 U	**0.0948**	0.0032 U	0.0047 U	NA	**0.0057 J**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0029 U	0.0039 U	**9.19**	0.0026 U	0.0023 U	**0.0563**	0.0032 U	0.0047 U	NA	**0.0026 J**
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0029 U	0.0039 U	1.21 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	**0.0402 J**
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	**0.0104 J**
1,1-Dichloroethane	0.27	0.27	26	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
1,1-Dichloroethene	0.33	0.33	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	**0.0027 J**	NA	**0.0088 J**
trans-1,2-Dichloroethene	0.19	0.19	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	**0.0014 J**
1,2-Dichloropropane	NE	NE	NE	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
Isopropylbenzene	NE	NE	NE	**0.0014 J**	0.0039 U	**15.6**	0.0026 U	0.0023 U	**4.99**	**0.0054**	0.0047 U	NA	**0.013 J**
Methyl acetate	NE	NE	NE	0.0029 U	0.0039 U	2.02 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.029 U	0.0392 U	5.06 U	0.0263 U	0.0227 U	0.0311 U	0.0318 U	0.0471 U	NA	**0.0077 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.029 U	0.0392 U	2.02 U	0.0263 U	0.0227 U	0.0311 U	0.0318 U	0.0471 U	NA	0.0268 UJ
Methylcyclohexane	NE	NE	NE	0.0029 U	0.0039 U	**1.29**	0.0026 U	0.0023 U	**2.47**	0.0032 U	0.0047 U	NA	**0.053 J**
Methylene chloride	0.05	0.05	100	0.0145 U	0.0196 U	1.01 U	0.0131 U	0.0114 U	0.0156 U	**0.0017 J**	0.0236 U	NA	0.0134 UJ
Naphthalene	12	12	100	**0.013 J**	**0.0014 J**	**1360 J**	0.0026 U	0.0023 U	**7.77**	**0.0872**	**0.0043 J**	NA	**0.0033 J**
n-Propylbenzene	3.9	3.9	100	0.0029 U	0.0039 U	**5.84**	0.0026 U	0.0023 U	**3.03**	**0.0016 J**	0.0047 U	NA	**0.018 J**
Styrene	NE	NE	NE	0.0029 U	0.0039 U	**0.178 J**	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	0.0029 U	0.0039 UJ	0.202 U	0.0026 U	0.0023 UJ	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
Tetrahydrofuran	NE	NE	NE	0.0029 U	0.0039 U	NA	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
1,2,3-Trichlorobenzene	NE	NE	NE	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ
1,1,2-Trichloroethane	NE	NE	NE	0.0029 U	0.0039 U	0.202 U	0.0026 U	0.0023 U	0.0031 U	0.0032 U	0.0047 U	NA	0.0027 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0029 U	**0.0014 J**	0.202 U	0.0026 U	**0.0046**	0.0031 U	0.0032 U	0.0047 U	NA	**0.0015 J**
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0029 U	0.0039 U	**82.6 J**	0.0026 U	0.0023 U	**8.26**	**0.0076**	0.0047 U	NA	**0.0014 J**
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0029 U	0.0039 U	**20.3**	0.0026 U	0.0023 U	**0.0084**	**0.0013 J**	0.0047 U	NA	**0.0018 J**
Vinyl chloride	0.02	0.02	0.9	0.0058 U	0.0078 U	0.202 U	0.0053 U	0.0045 U	0.0062 U	0.0064 U	**0.0017 J**	NA	**0.0036 J**
Total VOCs	NE	NE	NE	**0.0603**	**0.0206**	**1675.8458**	**0.0168**	**0.0183**	**35.0037**	**0.3411**	**0.0598**	NA	**0.4486**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.374 U	**0.719 J**	**96.9**	0.406 U	**0.22 J**	**26.4**	0.423 U	**1.36**	NA	**0.348**
Acenaphthylene	100	107	100	0.374 U	**0.895**	**11.3**	0.406 U	**1.28**	**7.54**	0.423 U	**2.31**	NA	**0.222**
Anthracene	100	1000	100	0.374 U	**1.92**	**35.9**	0.406 U	**1.26**	**13.4**	0.423 U	**2.17**	NA	**0.539**
Benzo(a)anthracene	1	1	1	0.374 U	**4.9**	**24.5**	0.406 U	**3.31**	**16.3**	0.423 U	**6.43**	NA	**1.76**
Benzo(b)fluoranthene	1	1.7	1	0.374 U	**3.88**	**10.1**	0.406 U	**2.86**	**19**	0.423 U	**6.64**	NA	**2.03**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.374 U	**3.35**	**9.94**	0.406 U	**2.41**	**8.87**	0.423 U	**5.75**	NA	**1.99**
Benzo(g,h,i)perylene	100	1000	100	0.374 U	**2.56**	**7.56**	0.406 U	**2.13**	**15.1**	0.423 U	**5.79**	NA	**2.63**
Benzo(a)pyrene	1	22	1	0.188 U	**4.72**	**19.5**	0.203 U	**3.51**	**19.8**	0.212 U	**9.82**	NA	**3.55**
Chrysene	1	1	3.9	0.188 U	**4.67**	**22.2**	0.203 U	**3.15**	**14.5**	0.212 U	**6.36**	NA	**1.79**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.188 U	**0.697**	**2.04**	0.203 U	**0.573**	**7.93**	0.212 U	**1.5**	NA	**0.7**
Fluoranthene	100	1000	100	0.374 U	**9.49**	**38.8**	0.406 U	**5.95**	**46.4**	0.423 U	**9.11**	NA	**1.85**
Fluorene	30	386	100	0.374 U	**0.683 J**	**43.2**	0.406 U	**0.231 J**	**20.6**	0.423 U	**0.856**	NA	**0.21**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.374 U	**3.22**	**9.36**	0.406 U	**2.49**	**18.1**	0.423 U	**6.98**	NA	**3.07**
2-Methylnaphthalene	NE	NE	NE	0.374 U	**0.355 J**	**213**	0.406 U	**0.413 J**	**0.469 J**	**0.135 J**	**1.15**	NA	**0.0912 J**
Naphthalene	12	12	100	0.374 U	**0.731 J**	**442**	0.406 U	**0.65 J**	**2.95**	**0.235 J**	**2.38**	NA	**0.171 J**
Phenanthrene	100	1000	100	0.374 U	**7.39**	**116**	0.406 U	**3.65**	**77.9**	0.423 U	**8.56**	NA	**0.973**
Pyrene	100	1000	100	0.374 U	**8.87**	**56.4**	0.406 U	**5.51**	**47.4**	0.423 U	**11.4**	NA	**2.48**
Total PAHs	NE	NE	NE	ND	**59.05**	**1158.7**	ND	**39.597**	**362.659**	**0.37**	**88.566**	NA	**24.4042**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.749 U	1.54 U	1.62 U	0.812 U	1.52 U	1.76 U	0.847 U	**0.176 J**	NA	0.204 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.374 U	0.768 U	**13.5**	0.406 U	0.758 U	**2**	0.423 U	**0.166**	NA	0.0204 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	**0.109 J**	NA	**0.262**
Butyl benzyl phthalate	NE	NE	NE	0.374 U	**0.212 J**	0.807 U	0.406 U	**0.151 J**	0.878 U	0.423 U	0.355 U	NA	0.204 U
Caprolactam	NE	NE	NE	0.374 U	0.768 U	**7.31**	0.406 U	0.758 U	**1.35**	0.423 U	**0.0585 J**	NA	**1.18**
Carbazole	NE	NE	NE	0.374 U	**0.905**	**1.41**	0.406 U	**0.331 J**	**0.789 J**	0.423 U	**0.643**	NA	**0.184 J**
2-Chloronaphthalene	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Dibenzofuran	7	210	59	0.374 U	**0.461 J**	**6.51**	0.406 U	0.758 U	**6.64**	0.423 U	**0.503**	NA	**0.131 J**
Diethyl phthalate	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Dimethyl phthalate	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
2,4-Dimethylphenol	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Di-n-butyl phthalate	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
2,6-Dinitrotoluene	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Di-n-octyl phthalate	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.71 U	NA	0.408 U
2-Methylnaphthalene	NE	NE	NE	0.374 U	**0.355 J**	**213**	0.406 U	**0.413 J**	**0.469 J**	**0.135 J**	**1.15**	NA	**0.0912 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.749 U	1.54 U	1.62 U	0.812 U	1.52 U	1.76 U	0.847 U	0.355 U	NA	0.204 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Phenol	0.33	0.33	100	0.374 U	0.768 U	0.807 U	0.406 U	0.758 U	0.878 U	0.423 U	0.355 U	NA	0.204 U
Total SVOCs	NE	NE	NE	ND	**60.628**	**1187.43**	ND	**40.079**	**373.438**	**0.37**	**90.2215**	NA	**26.1612**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	**1.2**	**0.427**	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	**7.51**	**0.816**	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**3.75**	**1.43**	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	**0.77 J**	**0.727**	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.873 JN**	**0.724 JN**	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.46 JN**	**0.944 JN**	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.26 JN**	**1.72 JN**	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.795 JN**	**1.02 JN**	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.402 JN**	**0.525 JN**	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	**7.36**	**9.2**	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	**8.37 J**	**11.3**	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	**5.75**	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**8.27**	**10.8**	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.451**	**0.638**	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.222**	**0.255**	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.886**	**1.2**	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**11.3**	**11.7**	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	**13**	**15.1**	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**7.78**	**10.6**	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.196**	**0.133**	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.226 JN**	**0.0919 JN**	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.208 JN**	**0.103 JN**	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.121 JN**	**0.0882 JN**	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0525 JN**	**0.101 JN**	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.229**	**0.108**	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	**0.0338**	**0.0493**	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	0.0271 U	**0.036**	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	0.0271 U	0.0311 U	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	**6.36**	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**4.81 JN**	**6.39 JN**	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**2.75 JN**	**4.12 JN**	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.4 JN**	**2.71 JN**	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.71 JN**	**1.49 JN**	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**6.9**	**8.38**	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**3.82**	**3.45**	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0507**	**0.0963**	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0271 U	**0.0468**	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0663**	**0.28**	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.231 JN**	**0.85 JN**	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.31 JN**	**0.971 JN**	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.227 JN**	**0.794 JN**	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.288 JN**	**2.63 JN**	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	**2.89**	**4.62**	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	**0.322**	**0.404**	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.509**	**0.458**	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.707 JN**	**0.903 JN**	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.706 JN**	**1.04 JN**	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.457 JN**	**1.12 JN**	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.205 JN**	**0.737 JN**	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	**0.985**	**0.216**	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**8.05**	**7.21**	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**6.85 JN**	**6.25 JN**	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**4.06 JN**	**4.61 JN**	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.97 JN**	**3.13 JN**	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	**0.645**	**0.643**	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.794 JN**	**0.598 JN**	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.795 JN**	**1.59 JN**	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.758 JN**	**2.33 JN**	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	**13.8**	**16.2**	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0625**	**0.0564**	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.24 J**	**1.97**	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.82**	**0.557**	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.99**	**0.667**	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.859**	**0.535**	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.11**	**0.944**	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	**4.15**	**2.44**	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**2.33 JN**	**0.753 JN**	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.86 JN**	**0.735 JN**	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.03 JN**	**1.23 JN**	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.595 JN**	**2.69 JN**	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.37 JN**	**1.96 JN**	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.835 JN**	**1.46 JN**	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.533 JN**	**0.838 JN**	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.167 JN**	**0.344 JN**	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**3.27**	**3.3**	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**5.75**	**3.92**	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**4.63 JN**	**2.69 JN**	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**2.83 JN**	**3.02 JN**	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.26 JN**	**3.02 JN**	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.436 JN**	**1.76 JN**	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	**0.101**	**0.0715**	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**9.88**	**7.54**	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.169**	**1.1**	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**7.26**	**2.33**	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	**1.01 J**	**0.832 J**	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.215**	**0.356**	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	**0.523**	**0.894**	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	**0.186**	**0.732**	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	**0.357**	**0.34**	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	**1**	**0.79**	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.1**	**0.87**	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**3.55**	**2.91**	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**1.06**	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**1.54**	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**0.58 J**	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**0.812**	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA

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Location				Parcel 3									
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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	0.622 U	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**0.366 J**	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.541 U	**1**	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	**0.0011**	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.471 J**	0.622 U	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.68**	0.622 U	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.437 J**	**1.97**	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.564**	**2.37**	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.845**	**1.19**	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	**0.7**	NA	NA	0.06 U	NA	NA	0.03 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	0.06 U	NA	NA	0.06 U	NA	NA	0.03 U	NA	NA
Aroclor 1254	NE	NE	NE	NA	**2.5 J**	NA	NA	**3.2 J**	NA	NA	**0.6**	NA	NA
Aroclor 1260	NE	NE	NE	NA	**0.8**	NA	NA	**0.9**	NA	NA	**0.2**	NA	NA
Aroclor 1268	NE	NE	NE	NA	0.06 U	NA	NA	0.06 U	NA	NA	0.03 U	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	**4**	NA	NA	**4.1**	NA	NA	**0.8**	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.0018 U	NA	NA	0.0016 U	NA	NA	0.0016 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	**0.125 J**	NA	NA	**0.154 J**	NA	NA	**0.105 J**	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	**0.0207**	NA	NA	**0.0329**	NA	NA	**0.0153 J**	NA	NA
gamma-Chlordane	NE	NE	NE	NA	**0.0204 J**	NA	NA	**0.0286 J**	NA	NA	**0.0121 J**	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	**0.0658 J**	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	**0.007 JN**	NA	NA	**0.0154 J**	NA	NA	0.0027 U	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA

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Dieldrin	0.005	0.1	0.2	NA	**0.0351**	NA	NA	**0.0273 J**	NA	NA	**0.016 JN**	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	0.0031 UJ	NA	NA	0.0027 UJ	NA	NA	**0.0263 J**	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Endrin	0.014	0.06	11	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Endrin aldehyde	NE	NE	NE	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Endrin ketone	NE	NE	NE	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Heptachlor	0.042	0.38	2.1	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	**0.0033 J**	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	0.0027 U	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	**0.0013 J**	NA	NA	**0.0014 J**	NA	NA	0.0027 U	NA	NA
Methoxychlor	NE	NE	NE	NA	0.0031 U	NA	NA	0.0027 U	NA	NA	**0.0096 JN**	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.213 U	NA	NA	0.203 U	NA	NA	0.201 U	NA	NA
Dicamba	NE	NE	NE	NA	0.011 U	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA
Dichloroprop	NE	NE	NE	NA	0.213 U	NA	NA	0.203 U	NA	NA	0.201 U	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	21.3 U	NA	NA	20.3 U	NA	NA	20.1 U	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	21.1 U	NA	NA	20.1 U	NA	NA	19.9 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	**0.002 J**	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	0.011 U	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**2770 J**	**5600**	**3450**	**2350**	**3340**	**8530**	**2450**	**5510**	NA	**8600**
Antimony	NE	NE	NE	2.37 UJ	**3.65 J**	**1.02 J**	2.71 U	**3.59 J**	2.84 U	2.78 U	**0.91 J**	NA	2.14 U
Arsenic	13	16	16	**0.97 J**	**13.5**	**5.64**	**1.86 J**	**7.36**	**15.3**	**1.74 J**	**8.97**	NA	**2.43**
Barium	350	820	400	**29.8 J**	**287**	**91.7 J**	**13.6 J**	**243**	**45.7 J**	**21.2 J**	**104**	NA	**32.8**
Beryllium	7.2	47	72	**0.2 J**	**0.25 J**	1.15 U	**0.3 J**	**0.25 J**	**0.51 J**	**0.25 J**	**0.34 J**	NA	**0.34 J**
Cadmium	2.5	7.5	4.3	1.9 UJ	**8.37**	2.08 U	2.17 U	**3.37**	2.27 U	2.23 U	**0.74 J**	NA	1.71 U
Calcium	NE	NE	NE	**673 J**	**15700**	**3820 J**	**505 J**	**16800**	**4050 J**	**488 J**	**15500**	NA	**1500**
Chromium	30	NE	180	**8.06 J**	**38.1**	**13.3 J**	**10.6 J**	**15.6**	**17.4 J**	**7.9 J**	**14.8**	NA	**13.1**
Cobalt	NE	NE	NE	**3.02 J**	**6.64**	**3.29 J**	**6.58 J**	**2.61 J**	**6.18 J**	**3.41 J**	**3.26 J**	NA	**6.25 J**
Copper	50	1720	270	**5.32 J**	**379**	**61.5 J**	**6.89 J**	**1010**	**20.5 J**	**8.39 J**	**96.7**	NA	**14.5 J**
Iron	NE	NE	NE	**17000 J**	**26900**	**13700 J**	**44200 J**	**17000**	**21700 J**	**12800 J**	**13800**	NA	**16300**
Lead	63	450	400	**3.07 J**	**670**	**195 J**	**6.54 J**	**534**	**64.7 J**	**4.14 J**	**274**	NA	**16.6 J**
Magnesium	NE	NE	NE	**961 J**	**3750**	**1250 J**	**460 J**	**2870**	**2550 J**	**793 J**	**2760**	NA	**2380**
Manganese	1600	2000	2000	**123 J**	**254**	**158**	**656**	**186**	**228**	**69**	**195 J**	NA	**199 J**
Mercury	0.18	0.73	0.81	0.025 U	**2.34**	**0.268**	0.032 U	**1.95**	**0.458**	0.035 U	**0.597**	NA	**0.064**
Nickel	30	130	310	**5.51 J**	**47.6**	**19 J**	**7.84 J**	**23.5 J**	**12.6 J**	**5.21 J**	**19.1 J**	NA	**11.6 J**
Potassium	NE	NE	NE	**467 J**	**512 J**	**578 J**	**288 J**	**521 J**	**1150 J**	**622 J**	**696 J**	NA	**948 J**
Selenium	3.9	4	180	2.37 UJ	**1.26 J**	**1.49 J**	**0.98 J**	**1.14 J**	**2.21 J**	**1.1 J**	**2.01 J**	NA	2.14 U
Silver	2	8.3	180	1.9 U	**1.27 J**	2.08 U	2.17 U	**1.42 J**	2.27 U	2.23 U	2.12 U	NA	1.71 U
Sodium	NE	NE	NE	2370 UJ	**218 J**	**179 J**	**120 J**	**134 J**	**166 J**	**219 J**	2650 U	NA	2140 U
Thallium	NE	NE	NE	2.37 UJ	1.66 U	2.6 U	2.71 U	**0.7 J**	2.84 U	2.78 U	2.65 U	NA	2.14 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
Tin	NE	NE	NE	47.4 UJ	33.1 UJ	52.1 U	54.3 U	51.4 UJ	56.9 U	**51 J**	53.1 U	NA	42.8 U
Vanadium	NE	NE	NE	**15.3 J**	**22.2**	**10.9**	**25.7**	**14.8**	**24.6**	**18.5**	**16.3**	NA	**19.7**
Zinc	109	2480	10000	**18.7 J**	**2020**	**348 J**	**40.5 J**	**608**	**69.4 J**	**27.3 J**	**335**	NA	**52.6**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.234 U	0.241 U	0.24 U	0.233 U	0.222 U	0.254 U	0.244 U	0.221 U	NA	0.247 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0441**	**0.493**	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0344**	**0.33**	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0239**	**0.206**	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0146**	**0.171**	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0563**	**0.615**	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0191**	**0.149**	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0185**	**0.145**	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00882**	**0.132**	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0197**	**0.148**	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0156**	**0.15**	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0135**	**0.141**	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.154**	**1.35**	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.169**	**1.42**	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00541 U	**0.127**	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0435**	**0.238**	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0187**	**0.175**	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0175**	**0.129**	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.512**	**3.63**	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.204**	**1.35**	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0467**	**0.337**	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.1**	**0.805**	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.118**	**0.574**	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.807**	**5.77**	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0229**	**0.121**	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.218**	**1.26**	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.16**	**1.04**	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00541 U	0.0311 U	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.122**	**0.699**	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.107**	**0.707**	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0681**	**0.345**	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.044**	**0.24**	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0449**	**0.208**	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0299**	**0.14**	NA

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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-201 (30-32) 7/18/2022	WW-SB-202 (0.4-5) 7/14/2022	WW-SB-202 (12-14) 7/19/2022	WW-SB-202 (34-35) 7/19/2022	WW-SB-203 (0.4-5) 7/14/2022	WW-SB-203 (8-10) 7/19/2022	WW-SB-203 (30-32) 7/19/2022	WW-SB-204 (0-5) 7/21/2022	WW-SB-204 (5-10) 8/11/2022	WW-SB-204 (7-9) 7/21/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0415**	**0.159**	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0183**	**0.0856**	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0394**	**0.956**	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0313**	**0.553**	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0555**	**0.619**	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.226**	**1.29**	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0354**	**0.584**	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0324**	**0.583**	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.168**	**1.37**	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00541 U	**0.0852**	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0543**	**0.312**	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.152**	**0.511**	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0811**	**0.601**	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.136**	**0.772**	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0541**	**0.544**	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.126**	**0.543**	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.148**	**0.971**	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0907**	**0.569**	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.095**	**0.755**	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	82.9 U	**286**	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**254**	**1570**	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**339**	**1010**	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**429**	**1030**	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1780**	**3200**	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**914**	**6820**	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1670**	**9950**	NA

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Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0027 U	0.0027 U	0.0026 U	**0.0246**	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	**0.0024**
Toluene	0.7	0.7	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	**0.0011 J**
Ethylbenzene	1	1	41	0.0027 U	0.0027 U	**0.0014 J**	**0.0498**	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
o-Xylene	0.26	1.6	100	0.0027 U	0.0027 U	**0.0025 J**	**0.0059**	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
m/p-Xylene	0.26	1.6	100	0.0054 U	0.0054 U	0.0052 U	**0.0059**	0.0083 U	0.004 U	0.0055 U	0.0013 U	0.0012 U	0.0046 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	**0.0039**	**0.0862**	ND	ND	ND	ND	ND	**0.0035**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0271 UJ	**0.0077 J**	0.026 UJ	0.0288 UJ	0.0414 U	**0.0048 J**	**0.0083 J**	**0.031**	**0.027**	**0.0047 J**
n-Butylbenzene	12	12	100	0.0027 U	0.0027 U	**0.0266**	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
sec-Butylbenzene	11	11	100	0.0027 U	0.0027 U	**0.0028**	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
tert-Butylbenzene	5.9	5.9	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
Carbon disulfide	NE	NE	NE	0.0027 U	0.0027 U	**0.001 J**	0.0029 U	0.0041 U	0.002 U	0.0027 U	**0.00087 J**	**0.00053 J**	0.0023 U
Chlorobenzene	1.1	1.1	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Cyclohexane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0027 U	0.0027 U	**0.0026**	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 UJ	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,1-Dichloroethane	0.27	0.27	26	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,1-Dichloroethene	0.33	0.33	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
cis-1,2-Dichloroethene	0.25	0.25	100	**0.0099**	0.0027 U	0.0026 U	**0.0021 J**	0.0041 U	0.002 U	**0.0145**	0.0013 U	0.0012 U	0.0023 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,2-Dichloropropane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Isopropylbenzene	NE	NE	NE	0.0027 U	0.0027 U	**0.0326**	**0.006**	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Methyl acetate	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 UJ	0.0027 U	0.0066 UJ	0.006 UJ	0.0023 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0271 U	0.0272 U	0.026 U	0.0288 U	0.0414 U	0.0202 U	0.0273 U	**0.0033 J**	**0.0029 J**	0.0229 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0271 U	0.0272 U	0.026 U	0.0288 U	0.0414 U	0.0202 U	0.0273 U	0.0066 U	0.006 U	0.0229 U
Methylcyclohexane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Methylene chloride	0.05	0.05	100	0.0136 U	0.0136 U	0.013 U	0.0144 U	0.0207 U	0.0101 U	**0.0015 J**	0.0027 U	0.0024 U	0.0114 U
Naphthalene	12	12	100	0.0027 U	0.0027 U	**0.0125**	**3.34**	0.0041 U	0.002 U	0.0027 U	NA	NA	**0.0039**
n-Propylbenzene	3.9	3.9	100	0.0027 U	0.0027 U	**0.0125**	**0.0013 J**	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
Styrene	NE	NE	NE	0.0027 U	0.0027 U	**0.0008 J**	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 UJ
Tetrahydrofuran	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,1,2-Trichloroethane	NE	NE	NE	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	0.0013 U	0.0012 U	0.0023 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0027 U	0.0027 U	**0.0374**	**0.0106**	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0027 U	0.0027 U	0.0026 U	0.0029 U	0.0041 U	0.002 U	0.0027 U	NA	NA	0.0023 U
Vinyl chloride	0.02	0.02	0.9	0.0054 U	0.0054 U	0.0052 U	0.0058 U	0.0083 U	0.004 U	0.0055 U	0.0013 U	0.0012 U	0.0046 U
Total VOCs	NE	NE	NE	**0.0099**	**0.0077**	**0.1327**	**3.4462**	ND	**0.0048**	**0.0243**	**0.03517**	**0.03043**	**0.0121**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.212 U	0.739 U	**8.78**	**0.0226 J**	**0.519 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.529 J**
Acenaphthylene	100	107	100	0.212 U	**0.365 J**	**0.786**	0.191 U	**0.882**	**0.151 J**	0.371 U	0.41 U	0.42 U	**4.15**
Anthracene	100	1000	100	0.212 U	**0.216 J**	**3.42**	0.191 U	**1.45**	**0.162 J**	0.371 U	0.41 U	0.42 U	**1.46**
Benzo(a)anthracene	1	1	1	0.212 U	**0.785**	**1.91**	0.191 U	**5.7**	**1.09**	0.371 U	0.041 U	0.042 U	**3.48**
Benzo(b)fluoranthene	1	1.7	1	0.212 U	**0.716 J**	**0.656**	0.191 U	**5.7**	**1.95**	0.371 U	0.041 U	0.042 U	**3.43**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.212 U	**0.646 J**	**0.805**	0.191 U	**5.02**	**1.71**	0.371 U	0.041 U	0.042 U	**3.2**
Benzo(g,h,i)perylene	100	1000	100	0.212 U	**0.566 J**	**0.499**	0.191 U	**4.75**	**1.45**	0.371 U	0.41 U	0.42 U	**3.12**
Benzo(a)pyrene	1	22	1	0.212 U	**0.922**	**1.59**	0.191 U	**7.8**	**1.49**	0.186 U	0.041 U	0.042 U	**5.17**
Chrysene	1	1	3.9	0.212 U	**0.788**	**1.77**	0.191 U	**5.54**	**1.32**	0.186 U	0.41 U	0.42 U	**3.52**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.212 U	**0.155 J**	**0.166 J**	0.191 U	**1.25**	**0.602**	0.186 U	0.041 U	0.042 U	**0.74**
Fluoranthene	100	1000	100	0.212 U	**1.15**	**3.53**	0.191 U	**7.3**	**0.515**	0.371 U	0.41 U	0.42 U	**5.27**
Fluorene	30	386	100	0.212 U	0.739 U	**4.34**	0.191 U	**0.429 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.29 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.212 U	**0.643 J**	**0.604**	0.191 U	**5.96**	**1.89**	0.371 U	0.041 U	0.042 U	**3.46**
2-Methylnaphthalene	NE	NE	NE	**0.0341 J**	0.739 U	0.195 U	**0.0634 J**	**0.276 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.777 J**
Naphthalene	12	12	100	**0.0913 J**	0.739 U	**0.0234 J**	**0.881**	**0.414 J**	**0.102 J**	0.371 U	0.41 U	0.42 U	**1.76**
Phenanthrene	100	1000	100	0.212 U	**0.891**	**10.6**	0.191 U	**4.68**	**0.273 J**	0.371 U	0.41 U	0.42 U	**3.48**
Pyrene	100	1000	100	0.212 U	**1.66**	**5.29**	0.191 U	**7.93**	**0.904**	0.371 U	0.41 U	0.42 U	**5.95**
Total PAHs	NE	NE	NE	**0.1254**	**9.503**	**44.7694**	**0.967**	**65.6**	**13.609**	ND	ND	ND	**49.786**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.212 U	1.48 U	0.195 U	0.191 U	1.45 U	0.847 U	0.743 U	0.41 U	0.42 U	1.56 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0212 U	0.739 U	**0.249**	0.0191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Butyl benzyl phthalate	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Caprolactam	NE	NE	NE	0.212 U	0.739 U	**0.106 J**	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Carbazole	NE	NE	NE	0.212 U	0.739 U	**0.0386 J**	0.191 U	**0.494 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.34 J**
2-Chloronaphthalene	NE	NE	NE	0.212 U	0.739 U	**0.0169 J**	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Dibenzofuran	7	210	59	0.212 U	0.739 U	**0.52**	0.191 U	**0.28 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.213 J**
Diethyl phthalate	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Dimethyl phthalate	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
2,4-Dimethylphenol	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Di-n-butyl phthalate	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	**0.033 J**	0.779 U
2,6-Dinitrotoluene	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.084 U	0.086 U	0.779 U
Di-n-octyl phthalate	NE	NE	NE	0.425 U	0.739 U	0.391 U	0.383 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
2-Methylnaphthalene	NE	NE	NE	**0.0341 J**	0.739 U	0.195 U	**0.0634 J**	**0.276 J**	0.423 U	0.371 U	0.41 U	0.42 U	**0.777 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.212 U	1.48 U	0.195 U	0.191 U	1.45 U	0.847 U	0.743 U	NA	NA	1.56 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	0.41 U	0.42 U	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Phenol	0.33	0.33	100	0.212 U	0.739 U	0.195 U	0.191 U	0.726 U	0.423 U	0.371 U	0.41 U	0.42 U	0.779 U
Total SVOCs	NE	NE	NE	**0.1254**	**9.503**	**45.6999**	**0.967**	**66.374**	**13.609**	ND	ND	**0.033**	**50.339**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30)	WW-SB-205 (0.4-5)	WW-SB-205 (10-12)	WW-SB-205 (28-30)	WW-SB-206 (0-5)	WW-SB-206 (5-10)	WW-SB-206 (28-30)	WW-MW-206D (30-32)	WW-MW-206D (40-42)	WW-SB-207 (0.4-5)
Sample Depth (feet)													
Sample Date				7/21/2022	7/12/2022	7/21/2022	7/21/2022	7/18/2022	7/20/2022	7/20/2022	8/23/2024	8/23/2024	7/15/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	0.06 U	NA	NA	0.06 U	NA	NA	NA	NA	0.05 U
Aroclor 1248	NE	NE	NE	NA	0.06 U	NA	NA	0.06 U	NA	NA	NA	NA	0.05 U
Aroclor 1254	NE	NE	NE	NA	**0.3 J**	NA	NA	**0.3 J**	NA	NA	NA	NA	**0.5**
Aroclor 1260	NE	NE	NE	NA	**0.1 J**	NA	NA	**0.1**	NA	NA	NA	NA	**0.2**
Aroclor 1268	NE	NE	NE	NA	0.06 U	NA	NA	0.06 U	NA	NA	NA	NA	0.05 U
Total PCB Aroclors	0.1	3.2	1	NA	**0.4**	NA	NA	**0.4**	NA	NA	NA	NA	**0.7**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.0017 U	NA	NA	0.0017 U	NA	NA	NA	NA	0.0017 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Chlordane (Technical)	NE	NE	NE	NA	**0.125 J**	NA	NA	**0.144 J**	NA	NA	NA	NA	**0.0685 J**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	**0.0185**	NA	NA	**0.0173**	NA	NA	NA	NA	**0.0159**
gamma-Chlordane	NE	NE	NE	NA	**0.0164 J**	NA	NA	**0.0193 J**	NA	NA	NA	NA	**0.0127 J**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	**0.0047 J**	NA	NA	**0.0058 J**	NA	NA	NA	NA	**0.0068 J**
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
Dieldrin	0.005	0.1	0.2	NA	**0.0108**	NA	NA	**0.0061 JN**	NA	NA	NA	NA	**0.0102 JN**
alpha-Endosulfan (I)	2.4	102	24	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
beta-Endosulfan (II)	2.4	102	24	NA	0.0029 UJ	NA	NA	0.0028 U	NA	NA	NA	NA	**0.0033 JN**
Endosulfan sulfate	2.4	1000	24	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Endrin	0.014	0.06	11	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Endrin aldehyde	NE	NE	NE	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Endrin ketone	NE	NE	NE	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Heptachlor	0.042	0.38	2.1	NA	**0.0023 J**	NA	NA	**0.0013 J**	NA	NA	NA	NA	0.0029 U
Heptachlor epoxide	NE	NE	NE	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Hexachlorobenzene	0.33	3.2	1.2	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Methoxychlor	NE	NE	NE	NA	0.0029 U	NA	NA	0.0028 U	NA	NA	NA	NA	0.0029 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.203 U	NA	NA	0.21 U	NA	NA	NA	NA	0.206 U
Dicamba	NE	NE	NE	NA	0.01 U	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	0.203 U	NA	NA	0.21 U	NA	NA	NA	NA	0.206 U
Mecoprop (MCPP)	NE	NE	NE	NA	20.3 U	NA	NA	**4.51 J**	NA	NA	NA	NA	**2.1 J**
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	20.1 U	NA	NA	**1.97 J**	NA	NA	NA	NA	20.3 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	0.01 U	NA	NA	0.011 U	NA	NA	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	0.01 U	NA	NA	0.011 U	NA	NA	NA	NA	0.01 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4400**	**3750**	**6920**	**6920**	**4060 J**	**7050**	**5180**	**7100 J**	**4300 J**	**4800**
Antimony	NE	NE	NE	2.71 U	2.07 U	2.58 U	2.74 U	**1.82 J**	2.25 UJ	1.87 UJ	0.97 U	0.96 U	**0.94 J**
Arsenic	13	16	16	**0.76 J**	**2.65**	**1.83 J**	**1.09 J**	**13.9 J**	**40.5 J**	1.87 UJ	**1.9**	**1.7**	**7.9**
Barium	350	820	400	**20.2 J**	**44**	**29.6**	**25.4 J**	**96.9 J**	**64.1**	**46.1**	**62.4**	**18.8**	**137**
Beryllium	7.2	47	72	**0.39 J**	**0.26 J**	**0.44 J**	**0.43 J**	**0.41 J**	**0.66 J**	**0.39 J**	**0.52**	**0.35 J**	**0.27 J**
Cadmium	2.5	7.5	4.3	2.17 U	1.65 U	2.06 U	2.19 U	**1.4 J**	**1.01 J**	1.5 U	0.97 U	0.96 U	**2.15**
Calcium	NE	NE	NE	**1090**	**28500 J**	**910**	**1850**	**9960 J**	**33600 J**	**1160 J**	**1620 J**	**765 J**	**8530**
Chromium	30	NE	180	**10.1 J**	**7.49 J**	**16.1**	**28.1**	**48.8 J**	**12.9 J**	**12.5 J**	**17.7**	**11.8**	**23.9**
Cobalt	NE	NE	NE	**4.37 J**	**1.53 J**	**6.93 J**	**8.28 J**	**5.58 J**	**4.78 J**	**4.69 J**	**7.1**	**7.5**	**3.96 J**
Copper	50	1720	270	**10 J**	**19.2 J**	**12.1 J**	**13.1 J**	**93.1 J**	**39.1 J**	**10.9 J**	**14.2**	**10.9**	**109**
Iron	NE	NE	NE	**14900**	**6310 J**	**24500**	**40400**	**20100 J**	**19500 J**	**12900 J**	**39100**	**23000**	**16000**
Lead	63	450	400	**4.24 J**	**58.8**	**6.85 J**	**12.4 J**	**206 J**	**199 J**	**4.41 J**	**9.1**	**5.7**	**394**
Magnesium	NE	NE	NE	**2040**	**4700 J**	**2220**	**2060**	**3010 J**	**5180 J**	**2550 J**	**1730 J**	**1160 J**	**2590**
Manganese	1600	2000	2000	**114 J**	**121**	**249 J**	**644 J**	**215 J**	**294**	**80.3**	**1690 J**	**709 J**	**211**
Mercury	0.18	0.73	0.81	0.039 U	**0.193**	0.032 U	0.034 U	**1.31**	**0.049**	0.025 U	**0.019 J**	0.021 U	**1.2**
Nickel	30	130	310	**8.5 J**	**9.67 J**	**10.1 J**	**11.1 J**	**17.9 J**	**13.9 J**	**9.27 J**	**9.6**	**8.8**	**19.1 J**
Potassium	NE	NE	NE	**1170 J**	**474 J**	**1010 J**	**678 J**	**610 J**	2250 UJ	1870 UJ	**1060**	**712**	**605 J**
Selenium	3.9	4	180	2.71 U	2.07 U	2.58 U	2.74 U	2.51 UJ	**1.55 J**	1.87 U	**0.17 J**	**0.15 J**	**1.37 J**
Silver	2	8.3	180	2.17 U	1.65 U	2.06 U	2.19 U	2.01 U	1.8 U	1.5 U	0.39 U	0.38 U	1.72 U
Sodium	NE	NE	NE	2710 U	2070 U	2580 U	2740 U	2510 UJ	2250 U	1870 U	**171**	**147**	**135 J**
Thallium	NE	NE	NE	2.71 U	2.07 U	2.58 U	2.74 U	2.51 UJ	**1.19 J**	1.87 U	**0.091 J**	**0.055 J**	2.15 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 3									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-204 (28-30) 7/21/2022	WW-SB-205 (0.4-5) 7/12/2022	WW-SB-205 (10-12) 7/21/2022	WW-SB-205 (28-30) 7/21/2022	WW-SB-206 (0-5) 7/18/2022	WW-SB-206 (5-10) 7/20/2022	WW-SB-206 (28-30) 7/20/2022	WW-MW-206D (30-32) 8/23/2024	WW-MW-206D (40-42) 8/23/2024	WW-SB-207 (0.4-5) 7/15/2022
Sample Depth (feet)													
Sample Date													
Tin	NE	NE	NE	54.2 U	41.3 U	51.5 U	54.8 U	50.3 UJ	45 UJ	37.5 UJ	7.8 U	7.7 U	43.1 UJ
Vanadium	NE	NE	NE	**17.7**	**11.7**	**29.7**	**47.7**	**17.7 J**	**22.6**	**17**	**28.2**	**21.7**	**16.4**
Zinc	109	2480	10000	**34.4**	**78.3**	**32.4**	**46.1**	**436 J**	**166 J**	**41.5 J**	**33.5**	**25.6**	**576**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.261 U	0.226 U	0.237 U	0.226 U	0.223 U	0.254 U	0.227 U	1.4 U	1.4 U	0.225 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3									
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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0082 J**	0.0028 U	0.0035 U	**119**	**0.0016 J**	**0.0019 J**	0.003 UJ	**10.4**	0.0027 U	0.0033 U
Toluene	0.7	0.7	100	0.0045 U	0.0028 U	0.0035 U	**325**	0.0032 U	0.0033 U	0.003 UJ	**1.45**	0.0027 U	0.0033 U
Ethylbenzene	1	1	41	0.0045 U	0.0028 U	0.0035 U	**113**	0.0032 U	0.0033 U	0.003 UJ	**245**	0.0027 U	0.0033 U
o-Xylene	0.26	1.6	100	0.0045 U	0.0028 U	0.0035 U	**119**	0.0032 U	0.0033 U	0.003 UJ	**8.39**	0.0027 U	0.0033 U
m/p-Xylene	0.26	1.6	100	0.009 U	0.0056 U	0.007 U	**297**	0.0064 U	0.0065 U	0.006 UJ	**6.07**	0.0055 U	0.0067 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0082**	ND	ND	**973**	**0.0016**	**0.0019**	ND	**271.31**	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0449 UJ	0.0279 UJ	0.0351 U	467 U	0.0319 UJ	0.0327 UJ	**0.0311 J**	5.02 U	0.0273 U	**0.0899**
n-Butylbenzene	12	12	100	0.0045 UJ	0.0028 U	0.0035 U	**8.59 J**	0.0032 U	0.0033 U	0.003 UJ	**9.11**	0.0027 U	0.0033 U
sec-Butylbenzene	11	11	100	**0.0427 J**	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	**1.56**	0.0027 U	0.0033 U
tert-Butylbenzene	5.9	5.9	100	**0.0173 J**	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	**0.136 J**	0.0027 U	0.0033 U
Carbon disulfide	NE	NE	NE	**0.0035 J**	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Chlorobenzene	1.1	1.1	100	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Cyclohexane	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	**6.19**	0.0027 U	0.0033 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	**12.7 J**	0.0032 U	0.0033 U	0.003 UJ	**9.9**	0.0027 U	0.0033 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0045 UJ	0.0028 U	0.0035 U	112 UJ	0.0032 UJ	0.0033 UJ	0.003 UJ	1.2 U	0.0027 UJ	0.0033 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0045 UJ	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0045 UJ	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,1-Dichloroethane	0.27	0.27	26	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,1-Dichloroethene	0.33	0.33	100	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
cis-1,2-Dichloroethene	0.25	0.25	100	**0.0018 J**	0.0028 U	0.0035 U	18.7 U	**0.0022 J**	**0.0035**	0.003 UJ	0.201 U	0.0027 U	0.0033 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,2-Dichloropropane	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Isopropylbenzene	NE	NE	NE	**0.0121 J**	0.0028 U	0.0035 U	**9.71 J**	0.0032 U	0.0033 U	0.003 UJ	**23.7**	0.0027 U	0.0033 U
Methyl acetate	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	187 U	0.0032 U	0.0033 U	0.003 UJ	2.01 U	0.0027 U	0.0033 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	**0.0124 J**	0.0279 U	0.0351 U	467 U	0.0319 U	0.0327 U	0.03 UJ	5.02 U	0.0273 U	0.0334 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0449 U	0.0279 U	0.0351 U	187 U	0.0319 U	0.0327 U	0.03 UJ	2.01 U	0.0273 U	0.0334 U
Methylcyclohexane	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	**17.2**	0.0027 U	0.0033 U
Methylene chloride	0.05	0.05	100	0.0224 U	0.0139 U	0.0176 U	93.3 U	0.016 U	0.0163 U	0.015 UJ	1 U	0.0136 U	0.0167 U
Naphthalene	12	12	100	**0.0036 J**	0.0028 U	0.0039 U	**6580**	**0.0045**	**0.0124**	0.003 UJ	**2100**	0.0027 U	**0.0009 J**
n-Propylbenzene	3.9	3.9	100	0.0045 UJ	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	**9.89**	0.0027 U	0.0033 U
Styrene	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	**14.2 J**	0.0032 U	0.0033 U	0.003 UJ	**0.253**	0.0027 U	0.0033 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0045 UJ	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
Tetrahydrofuran	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	NA	0.0032 U	0.0033 U	0.003 UJ	NA	0.0027 U	0.0033 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0045 UJ	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,1,2-Trichloroethane	NE	NE	NE	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0045 U	0.0028 U	0.0035 U	18.7 U	0.0032 U	0.0033 U	0.003 UJ	0.201 U	0.0027 U	0.0033 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**0.0022 J**	0.0028 U	0.0035 U	**165**	0.0032 U	0.0033 U	0.003 UJ	**124**	0.0027 U	0.0033 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0045 UJ	0.0028 U	0.0035 U	**66.8**	0.0032 U	0.0033 U	0.003 UJ	**29.9**	0.0027 U	0.0033 U
Vinyl chloride	0.02	0.02	0.9	0.009 U	0.0056 U	0.007 U	18.7 U	0.0064 U	0.0065 U	0.006 UJ	0.201 U	0.0055 U	0.0067 U
Total VOCs	NE	NE	NE	**0.1038**	ND	ND	**7830**	**0.0083**	**0.0178**	**0.0311**	**2603.149**	ND	**0.0908**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.117 J**	0.197 U	0.784 U	**311**	0.326 U	0.297 U	0.345 U	**197**	**0.434**	**0.162 J**
Acenaphthylene	100	107	100	**0.635**	0.197 U	**0.171 J**	**245**	0.326 U	0.297 U	**0.441**	**35.4**	**0.304**	**1.37**
Anthracene	100	1000	100	**0.546**	0.197 U	**0.189 J**	**429**	0.326 U	0.297 U	**0.214 J**	**71.5**	**0.189 J**	**0.715**
Benzo(a)anthracene	1	1	1	**3.41**	0.197 U	**0.487 J**	**526**	0.326 U	**0.0238 J**	**0.64**	**51.4**	**0.145 J**	**1.75**
Benzo(b)fluoranthene	1	1.7	1	**5.2**	0.197 U	**0.419 J**	**421**	0.326 U	0.297 U	**0.617**	**19.3**	**0.0583 J**	**1.8**
Benzo(k)fluoranthene	0.8	1.7	3.9	**2.92**	0.197 U	**0.367 J**	**172**	0.326 U	0.297 U	**0.618**	**24.6**	**0.0711 J**	**1.66**
Benzo(g,h,i)perylene	100	1000	100	**4.84**	0.197 U	**0.319 J**	**135**	0.326 U	0.297 U	**0.601**	**17.4**	**0.048 J**	**1.93**
Benzo(a)pyrene	1	22	1	**6.34**	0.197 U	**0.512**	**451**	0.326 U	0.297 U	**0.961**	**43.6**	**0.121 J**	**2.8**
Chrysene	1	1	3.9	**3.97**	0.197 U	**0.494**	**448**	0.326 U	0.297 U	**0.575**	**46**	**0.129 J**	**1.65**
Dibenz(a,h)anthracene	0.33	1000	0.33	**2.73**	0.197 U	0.393 U	**45.7**	0.326 U	0.297 U	**0.225**	**5.49**	0.289 U	**0.506**
Fluoranthene	100	1000	100	**3.76**	0.197 U	**0.872**	**1210**	0.326 U	**0.0458 J**	**0.494**	**83**	**0.205 J**	**1.59**
Fluorene	30	386	100	**0.0973 J**	0.197 U	0.784 U	**733**	0.326 U	**0.0257 J**	0.345 U	**122**	**0.245 J**	**0.139 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**6.09**	0.197 U	**0.376 J**	**178**	0.326 U	0.297 U	**0.772**	**21.8 J**	**0.0614 J**	**2.24**
2-Methylnaphthalene	NE	NE	NE	**0.11 J**	0.197 U	0.784 U	**1760**	0.326 U	**0.0337 J**	**0.126 J**	**594**	**1.2**	**0.361**
Naphthalene	12	12	100	**0.12 J**	0.197 U	0.784 U	**6770**	**0.0377 J**	**0.0847 J**	**0.251 J**	**1730**	**3.05**	**0.729**
Phenanthrene	100	1000	100	**0.944**	0.197 U	**0.547 J**	**2190**	0.326 U	**0.0938 J**	**0.343 J**	**271**	**0.623**	**1.01**
Pyrene	100	1000	100	**4.02**	0.197 U	**0.881**	**1070**	0.326 U	**0.0415 J**	**0.634**	**123**	**0.297**	**2.31**
Total PAHs	NE	NE	NE	**45.8493**	ND	**5.634**	**17094.7**	**0.0377**	**0.349**	**7.512**	**3456.49**	**7.1808**	**22.722**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.2 U	0.197 U	1.57 U	1.93 U	0.326 U	0.297 U	0.691 U	1.44 U	0.289 U	0.709 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.02 U	0.0197 U	0.784 U	**215**	0.0326 U	0.0297 U	0.345 U	**36.3**	**0.0987**	0.354 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Butyl benzyl phthalate	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Caprolactam	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Carbazole	NE	NE	NE	0.2 U	0.197 U	0.784 U	**203**	0.326 U	0.297 U	0.345 U	**6**	0.289 U	**0.0903 J**
2-Chloronaphthalene	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Dibenzofuran	7	210	59	**0.123 J**	0.197 U	0.784 U	**445**	0.326 U	0.297 U	0.345 U	**16.6**	**0.0462 J**	**0.0812 J**
Diethyl phthalate	NE	NE	NE	**0.0968 J**	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Dimethyl phthalate	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
2,4-Dimethylphenol	NE	NE	NE	0.2 U	0.197 U	0.784 U	**16.2**	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Di-n-butyl phthalate	NE	NE	NE	**0.344**	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
2,6-Dinitrotoluene	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Di-n-octyl phthalate	NE	NE	NE	0.399 U	0.394 U	0.784 U	3.85 U	0.652 U	0.594 U	0.345 U	2.89 U	0.578 U	0.354 U
2-Methylnaphthalene	NE	NE	NE	**0.11 J**	0.197 U	0.784 U	**1760**	0.326 U	**0.0337 J**	**0.126 J**	**594**	**1.2**	**0.361**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.2 U	0.197 U	0.784 U	**0.68 J**	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.2 U	0.197 U	1.57 U	**0.528 J**	0.326 U	0.297 U	0.691 U	**0.279 J**	0.289 U	0.709 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Phenol	0.33	0.33	100	0.2 U	0.197 U	0.784 U	1.93 U	0.326 U	0.297 U	0.345 U	1.44 U	0.289 U	0.354 U
Total SVOCs	NE	NE	NE	**46.4131**	ND	**5.634**	**17975.108**	**0.0377**	**0.349**	**7.512**	**3515.669**	**7.3257**	**22.8935**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10)	WW-SB-207 (68-70)	WW-SB-208 (0-5)	WW-SB-208 (23-25)	WW-SB-208 (38-40)	Duplicate of WW-SB-208 (38-40)	WW-SB-209 (0-5)	WW-SB-209 (10-15)	WW-SB-209 (40-45)	WW-SB-210 (0-5)
Sample Depth (feet)				7/22/2022	7/22/2022	7/18/2022	8/8/2022	8/8/2022	8/8/2022	7/19/2022	7/26/2022	7/27/2022	7/19/2022
Sample Date													
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 3									
Sample Name				WW-SB-207	WW-SB-207	WW-SB-208	WW-SB-208	WW-SB-208	Duplicate of WW-SB-208	WW-SB-209	WW-SB-209	WW-SB-209	WW-SB-210
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(7-10)	(68-70)	(0-5)	(23-25)	(38-40)	(38-40)	(0-5)	(10-15)	(40-45)	(0-5)
Sample Date				7/22/2022	7/22/2022	7/18/2022	8/8/2022	8/8/2022	8/8/2022	7/19/2022	7/26/2022	7/27/2022	7/19/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA	NA	0.05 U
Aroclor 1248	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA	NA	0.05 U
Aroclor 1254	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA	NA	0.05 U
Aroclor 1260	NE	NE	NE	NA	NA	**0.08**	NA	NA	NA	0.05 U	NA	NA	**0.03 J**
Aroclor 1268	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA	NA	0.05 U
Total PCB Aroclors	0.1	3.2	1	NA	NA	**0.08**	NA	NA	NA	ND	NA	NA	**0.03**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	**0.001 J**	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0017 U	NA	NA	NA	0.0016 U	NA	NA	0.0016 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.111 J**	NA	NA	NA	0.0319 U	NA	NA	**0.0194 J**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0155**	NA	NA	NA	0.0027 U	NA	NA	**0.0024 J**
gamma-Chlordane	NE	NE	NE	NA	NA	**0.012 J**	NA	NA	NA	0.0027 U	NA	NA	**0.0024 J**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.0032 JN**	NA	NA	NA	0.0027 U	NA	NA	**0.0031 J**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	**0.0029 J**	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0029 U	NA	NA	NA	0.0027 UJ	NA	NA	0.0026 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0047**	NA	NA	NA	0.0027 U	NA	NA	**0.0088 J**
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0029 UJ	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Endrin	0.014	0.06	11	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Endrin aldehyde	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Endrin ketone	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Heptachlor	0.042	0.38	2.1	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 UJ
Methoxychlor	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0027 U	NA	NA	0.0026 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.212 U	NA	NA	NA	0.187 U	NA	NA	0.19 U
Dicamba	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	0.009 U	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	NA	0.212 U	NA	NA	NA	0.187 U	NA	NA	0.19 U
Mecoprop (MCPP)	NE	NE	NE	NA	NA	**6.66 J**	NA	NA	NA	18.7 U	NA	NA	19 U
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	**1.81 J**	NA	NA	NA	18.5 U	NA	NA	18.8 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	0.009 U	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.011 U	NA	NA	NA	0.009 U	NA	NA	0.01 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**2850**	**5700**	**3180 J**	**5970**	**3150**	**3550**	**2160**	**7830**	**2880**	**5830**
Antimony	NE	NE	NE	2.78 U	2.65 U	2.59 UJ	2.28 UJ	1.73 UJ	2.9 UJ	2.58 U	3.82 U	2.77 U	2.36 U
Arsenic	13	16	16	**9.62**	**1.19 J**	**2.33 J**	**1.7 J**	1.73 U	2.9 U	**3.29**	**9.44**	2.77 U	**4.06**
Barium	350	820	400	**16.6 J**	**24.4 J**	**31.1 J**	**48.7 J**	**8.01 J**	**9.32 J**	**17.5 J**	**80**	**10.9 J**	**59.5 J**
Beryllium	7.2	47	72	1.22 U	**0.87 J**	**0.28 J**	**0.47 J**	**0.24 J**	**0.27 J**	1.14 U	**0.68 J**	**0.24 J**	**0.33 J**
Cadmium	2.5	7.5	4.3	2.22 U	2.12 U	2.07 UJ	1.82 U	1.38 U	2.32 U	2.07 U	3.06 U	2.21 U	1.89 U
Calcium	NE	NE	NE	**2590**	**1390**	**49400 J**	**326 J**	**6720 J**	**7470 J**	**4250 J**	**5800 J**	**962 J**	**14900 J**
Chromium	30	NE	180	**5.92 J**	**12.7**	**7.47 J**	**14.7**	**4.49 J**	**5.04 J**	**6.13 J**	**13 J**	**5.44 J**	**10.9 J**
Cobalt	NE	NE	NE	**3.11 J**	**5.18 J**	**1.61 J**	**3.03 J**	**3.19 J**	**2.35 J**	**1.7 J**	**4.93 J**	**2.16 J**	**3.48 J**
Copper	50	1720	270	**14.5 J**	**19.3 J**	**24.3 J**	**14.3 J**	**4.74 J**	**5.01 J**	**4.74 J**	**42.3 J**	27.7 UJ	**24.3 J**
Iron	NE	NE	NE	**7410**	**28200**	**7070 J**	**20700**	**6930**	**8330**	**5150 J**	**23000 J**	**9210 J**	**11800 J**
Lead	63	450	400	**33.4 J**	**10.7 J**	**40.2 J**	**6.65 J**	**2 J**	**3.44 J**	**16.9 J**	**188 J**	55.3 UJ	**77.9 J**
Magnesium	NE	NE	NE	**1450**	**676**	**19200 J**	**1890 J**	**5390 J**	**5860 J**	**3390 J**	**2030 J**	**1560 J**	**4020 J**
Manganese	1600	2000	2000	**160**	**157**	**113 J**	**100**	**94.4**	**116**	**82.5**	**181**	**61.1**	**206**
Mercury	0.18	0.73	0.81	**0.038 J**	**0.025 J**	**0.163**	0.028 U	0.024 U	0.036 U	**0.038**	**0.121**	0.036 U	**0.146**
Nickel	30	130	310	**6.49 J**	**9.08 J**	**6.28 J**	**9.13 J**	**7.72 J**	**7.14 J**	**25.5 J**	**14.1 J**	**5.8 J**	**12.2 J**
Potassium	NE	NE	NE	**511 J**	**637 J**	**578 J**	**1200 J**	**498 J**	**594 J**	**655 J**	**1050 J**	**660 J**	**1010 J**
Selenium	3.9	4	180	**4.71**	2.65 U	2.59 UJ	2.28 UJ	1.73 UJ	2.9 UJ	**1.3 J**	**2.69 J**	**0.96 J**	**1.01 J**
Silver	2	8.3	180	2.22 U	2.12 U	**4.54**	1.82 U	1.38 U	2.32 U	2.07 U	3.06 U	2.21 U	1.89 U
Sodium	NE	NE	NE	2780 U	**887 J**	**505 J**	**211 J**	**160 J**	**228 J**	**165 J**	**407 J**	**234 J**	**235 J**
Thallium	NE	NE	NE	2.78 U	2.65 U	2.59 UJ	2.28 U	1.73 U	2.9 U	2.58 U	3.82 U	2.77 U	2.36 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
Tin	NE	NE	NE	55.5 U	52.9 U	51.7 UJ	45.6 U	34.6 U	58 U	51.6 U	76.4 U	55.3 U	47.2 U
Vanadium	NE	NE	NE	**8.28 J**	**24.2**	**12.8 J**	**28.7**	**6.85 J**	**7.3 J**	**5.15 J**	**24.2**	**11.7**	**16.3**
Zinc	109	2480	10000	**20.8 J**	**22 J**	**89.3 J**	**29.6 J**	**15.7 J**	**17.7 J**	**35.7 J**	**75.8 J**	**12.9 J**	**94.4 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.244 U	0.234 U	0.227 U	0.227 U	0.247 U	0.247 U	0.209 U	0.32 U	0.236 U	0.211 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-207 (7-10) 7/22/2022	WW-SB-207 (68-70) 7/22/2022	WW-SB-208 (0-5) 7/18/2022	WW-SB-208 (23-25) 8/8/2022	WW-SB-208 (38-40) 8/8/2022	Duplicate of WW-SB-208 (38-40) 8/8/2022	WW-SB-209 (0-5) 7/19/2022	WW-SB-209 (10-15) 7/26/2022	WW-SB-209 (40-45) 7/27/2022	WW-SB-210 (0-5) 7/19/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**477**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	NA	**0.0227**	**0.0798**	**0.0559 J**	**0.0018 J**	**0.0148**	0.0032 U	0.003 U	**0.267**	**0.013**
Toluene	0.7	0.7	100	NA	**0.0086**	**0.0951**	**0.0356 J**	**0.0012 J**	**0.0035**	0.0032 U	0.003 U	**0.061 J**	0.0026 U
Ethylbenzene	1	1	41	NA	**0.0042**	**1.19**	**1.51 J**	0.0035 U	**4.44**	0.0032 U	0.003 U	**31.4**	**0.031**
o-Xylene	0.26	1.6	100	NA	**0.0027**	**0.308**	**0.0642 J**	0.0035 U	**1.34**	0.0032 U	0.003 U	**14.7**	**0.0172**
m/p-Xylene	0.26	1.6	100	NA	**0.0027 J**	**0.261**	**0.109 J**	0.007 U	**0.0853**	0.0064 U	0.0061 U	**12**	**0.004 J**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	NA	**0.0409**	**1.9339**	**1.7747**	**0.003**	**5.8836**	ND	ND	**58.428**	**0.0652**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	NA	0.0214 U	0.0332 U	0.0302 U	**0.228 J**	**0.0264**	**0.008 J**	0.0305 U	4.76 U	**0.0052 J**
n-Butylbenzene	12	12	100	NA	**0.003**	**0.0096**	**0.0052 J**	0.0035 UJ	**0.825**	0.0032 U	0.003 U	**11**	0.0026 U
sec-Butylbenzene	11	11	100	NA	**0.0021 J**	**0.0042**	**0.0023 J**	0.0035 UJ	**0.0167**	0.0032 U	0.003 U	**0.533**	0.0026 U
tert-Butylbenzene	5.9	5.9	100	NA	0.0021 U	0.0033 U	**0.0014 J**	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Carbon disulfide	NE	NE	NE	NA	0.0021 U	**0.003 J**	**0.0048**	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Chlorobenzene	1.1	1.1	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Chloroform (Trichloromethane)	0.37	0.37	49	NA	0.0021 U	**0.0019 J**	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Cyclohexane	NE	NE	NE	NA	**0.001 J**	**0.0038**	**0.0067 J**	0.0035 U	**0.0202**	0.0032 U	0.003 U	0.19 U	0.0026 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	**0.001 J**	**0.009**	**0.0042**	0.0035 UJ	**0.925**	0.0032 U	0.003 U	**7.71**	0.0026 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	0.0021 UJ	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 UJ	0.003 U	1.14 U	0.0026 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	0.0021 U	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,1-Dichloroethane	0.27	0.27	26	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,1-Dichloroethene	0.33	0.33	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
cis-1,2-Dichloroethene	0.25	0.25	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	**0.0038**	0.003 U	0.19 U	0.0026 U
trans-1,2-Dichloroethene	0.19	0.19	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,2-Dichloropropane	NE	NE	NE	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Isopropylbenzene	NE	NE	NE	NA	**0.0034**	**0.0707**	**0.042 J**	0.0035 U	**1.03**	0.0032 U	0.003 U	**7.98**	**0.0022 J**
Methyl acetate	NE	NE	NE	NA	0.0021 U	0.0033 U	**0.0119**	0.0035 U	0.0025 U	0.0032 U	0.003 U	1.9 U	0.0026 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	NA	0.0214 U	0.0332 U	0.0302 U	0.0352 U	0.025 U	0.032 U	0.0305 U	4.76 U	0.0262 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	NA	0.0214 U	0.0332 U	0.0302 U	0.0352 U	0.025 U	0.032 U	0.0305 U	1.9 U	0.0262 U
Methylcyclohexane	NE	NE	NE	NA	0.0021 U	**0.0063**	**0.0079 J**	0.0035 UJ	**0.0568**	0.0032 U	0.003 U	**0.16 J**	0.0026 U
Methylene chloride	0.05	0.05	100	NA	0.0107 U	0.0166 U	0.0151 U	0.0176 U	**0.002 J**	0.016 U	0.0152 U	**0.145 J**	0.0131 U
Naphthalene	12	12	100	NA	**0.021**	**9.61**	**16.6 J**	**0.0068 J**	**96.4**	0.0032 U	0.003 U	**891**	**0.642**
n-Propylbenzene	3.9	3.9	100	NA	**0.0018 J**	**0.0181**	**0.0101 J**	0.0035 U	**0.593**	0.0032 U	0.003 U	**4.19**	**0.0007 J**
Styrene	NE	NE	NE	NA	**0.001 J**	**0.0038**	**0.002 J**	0.0035 UJ	**0.0015 J**	0.0032 U	0.003 U	0.19 U	0.0026 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	NA	0.0021 U	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
Tetrachloroethene (PCE)	1.3	1.3	19	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 UJ
Tetrahydrofuran	NE	NE	NE	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	NA	0.0026 U
1,2,3-Trichlorobenzene	NE	NE	NE	NA	0.0021 U	0.0033 U	0.003 U	0.0035 UJ	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,1,2-Trichloroethane	NE	NE	NE	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U

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Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Trichloroethene (TCE)	0.47	0.47	21	NA	0.0021 U	0.0033 U	0.003 U	0.0035 U	0.0025 U	0.0032 U	0.003 U	0.19 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	**0.0012 J**	**0.458**	**0.086 J**	0.0035 U	**4.96**	0.0032 U	0.003 U	**56**	**0.0161**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	0.0021 U	**0.0658**	**0.0236 J**	0.0035 U	**1.03**	0.0032 U	0.003 U	**19.1**	**0.0036**
Vinyl chloride	0.02	0.02	0.9	NA	0.0043 U	0.0066 U	0.006 U	0.007 UJ	0.005 U	0.0064 U	0.0061 U	0.19 U	0.0052 U
Total VOCs	NE	NE	NE	NA	**0.0764**	**12.1981**	**18.5828**	**0.2378**	**111.7702**	**0.0118**	ND	**1056.246**	**0.735**
PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	**25.1**	**6.97**	**12.6**	**0.518 J**	**7.74**	0.42 U	0.73 U	**88.3**	0.392 U
Acenaphthylene	100	107	100	NA	**8.11**	**5.66**	**7.1 J**	**1.91**	**2.34**	0.42 U	**1.2**	**9.12**	0.392 U
Anthracene	100	1000	100	NA	**13.6**	**10.8**	**12.6**	**2.68 J**	**5.24**	0.42 U	**0.536 J**	**48.9**	0.392 U
Benzo(a)anthracene	1	1	1	NA	**11.9**	**13.4**	**11.9**	**4.35 J**	**4.03**	0.42 U	**2.28**	**32.1**	0.392 U
Benzo(b)fluoranthene	1	1.7	1	NA	**7.81**	**12.1**	**10.2**	**3.9**	**1.29**	0.42 U	**2.59**	**8.66**	0.392 U
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	**6.36**	**4.1**	**3.96 J**	**2.8**	**1.32**	0.42 U	**2.04**	**7.9**	0.392 U
Benzo(g,h,i)perylene	100	1000	100	NA	**6.25**	**5.49**	**4.83 J**	**2.8**	**0.887**	0.42 U	**2.91**	**4.76**	0.392 U
Benzo(a)pyrene	1	22	1	NA	**12.6**	**12.2**	**11.6 J**	**4.55**	**2.97**	0.211 U	**3.66**	**22.1**	0.196 U
Chrysene	1	1	3.9	NA	**11.7**	**13**	**12.6**	**4.07 J**	**3.71**	0.211 U	**2.32**	**30.4**	0.196 U
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	**1.53**	**1.7**	**1.49 J**	**0.669**	**0.29**	0.211 U	**0.643**	**1.66**	0.196 U
Fluoranthene	100	1000	100	NA	**18.6**	**26.5**	**22.6**	**8.6 J**	**6.82**	0.42 U	**2.45**	**54.2**	0.392 U
Fluorene	30	386	100	NA	**3.59**	**6.14**	**12.6**	**0.594 J**	**5.63**	0.42 U	0.73 U	**55.7**	0.392 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	**7.81**	**6.61 J**	**5.76 J**	**3.32**	**0.989**	0.42 U	**3.09**	**5.24**	0.392 U
2-Methylnaphthalene	NE	NE	NE	NA	**3.56**	**6.43**	**4.37 J**	**0.416 J**	**11.5**	0.42 U	**0.323 J**	**321**	0.392 U
Naphthalene	12	12	100	NA	**9.98**	**18.4**	**11.8**	**0.612 J**	**18**	0.42 U	**0.631 J**	**418**	**0.225 J**
Phenanthrene	100	1000	100	NA	**18.1**	**28.1**	**29.1**	**4.81 J**	**23.2**	0.42 U	**1.43**	**209**	0.392 U
Pyrene	100	1000	100	NA	**26.8**	**29.5**	**26.2**	**8.9 J**	**10.4**	0.42 U	**4.28**	**82.2**	0.392 U
Total PAHs	NE	NE	NE	NA	**193.4**	**207.1**	**201.31**	**55.499**	**106.356**	ND	**30.383**	**1399.24**	**0.225**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	1.38 U	0.796 U	0.842 U	1.46 U	0.825 U	0.784 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	**0.641**	**0.995**	**0.63**	0.691 U	**1.4**	0.42 U	0.73 U	**21**	0.392 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	NA	**0.14 J**	0.616 U	**3.05 J**	**0.24 J**	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Butyl benzyl phthalate	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Caprolactam	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Carbazole	NE	NE	NE	NA	**0.831**	**1.29**	**1.02**	**0.452 J**	0.398 U	0.42 U	0.73 U	**1.31**	0.392 U
2-Chloronaphthalene	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Dibenzofuran	7	210	59	NA	**1.88**	**1.31**	**1.68**	**0.247 J**	**0.874**	0.42 U	0.73 U	**4.27**	0.392 U
Diethyl phthalate	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Dimethyl phthalate	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
2,4-Dimethylphenol	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Di-n-butyl phthalate	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
2,6-Dinitrotoluene	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Di-n-octyl phthalate	NE	NE	NE	NA	0.573 U	1.23 U	**0.172 J**	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
2-Methylnaphthalene	NE	NE	NE	NA	**3.56**	**6.43**	**4.37 J**	**0.416 J**	**11.5**	0.42 U	**0.323 J**	**321**	0.392 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	NA	0.286 U	0.616 U	**0.0444 J**	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	0.286 U	**0.102 J**	**0.118 J**	1.38 U	0.796 U	0.842 U	1.46 U	0.825 U	0.784 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	NA	0.286 U	0.616 U	0.61 U	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Phenol	0.33	0.33	100	NA	0.286 U	0.616 U	**0.139 J**	0.691 U	0.398 U	0.42 U	0.73 U	0.412 U	0.392 U
Total SVOCs	NE	NE	NE	NA	**196.892**	**210.797**	**208.1634**	**56.438**	**108.63**	ND	**30.383**	**1425.82**	**0.225**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	**31.4 J**	NA	**7.08 J**	**12.5 J**	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	**22.1 J**	NA	**8.01 J**	**22 J**	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	**25.5 J**	NA	**11.2 J**	**21.3 J**	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	**4.46 J**	NA	0.00568 UJ	**4.38 J**	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	**3.14 JN**	NA	**1.35 JN**	**2.37 JN**	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	**5.19 JN**	NA	**2.43 JN**	**3.33 JN**	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	**3.3 JN**	NA	**1.23 JN**	**1.95 JN**	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	**2.18 JN**	NA	**1.19 JN**	**2.15 JN**	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	**4.54 JN**	NA	**1.08 JN**	**2.03 JN**	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	**27.7 J**	NA	**10.4 J**	**30.9 J**	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	**19.3 J**	NA	**7.73 J**	**22.7 J**	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	**4.1**	**3.96 J**	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	**19.8 J**	NA	**6.14 J**	**20.7 J**	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	**5.38 J**	NA	**1.89 J**	**4.47 J**	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	**2.4 J**	NA	**0.786 J**	**2.02 J**	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	**4.24 J**	NA	**1.76 J**	**4.83 J**	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	**18.9 J**	NA	**5.56 J**	**16.9 J**	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	**33.5 J**	NA	**9.82 J**	**29.5 J**	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	**17.7 J**	NA	**5.99 J**	**18.2 J**	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	**1.3 J**	NA	**0.796**	**1.15 J**	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	**3.35 JN**	NA	**0.993 JN**	**1.96 JN**	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	**3.86 JN**	NA	**1.3 JN**	**2.47 JN**	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	**3.81 JN**	NA	**0.994 JN**	**1.81 JN**	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	**2.56 JN**	NA	**0.48 JN**	**0.88 JN**	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**1.1 J**	NA	**0.633**	**0.886 J**	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	**0.235 J**	NA	**0.06 J**	**0.124 J**	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	**0.0825 J**	NA	**0.0172 J**	**0.0378 J**	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.0436 U	NA	0.00568 U	0.0339 U	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	**13**	**12.6**	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	**20.3 JN**	NA	**6.93 JN**	**19.2 JN**	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	**10.4 JN**	NA	**3.26 JN**	**9.02 JN**	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	**4.24 JN**	NA	**1.34 JN**	**3.77 JN**	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	**1.71 JN**	NA	**0.618 JN**	**1.7 JN**	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	**24.3 J**	NA	**9.51 J**	**28.4 J**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Coronene	NE	NE	NE	**5.83 J**	NA	**1.67 J**	**4.7 J**	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**0.164 J**	NA	**0.0502 J**	**0.0988 J**	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	**0.466 J**	NA	**0.0454 J**	**0.0777 J**	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	**1.18 J**	NA	**0.156 J**	**0.338 J**	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	**10.3 JN**	NA	**1.06 JN**	**1.91 JN**	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	**24.2 JN**	NA	**2 JN**	**3.65 JN**	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	**24 JN**	NA	**1.76 JN**	**3.35 JN**	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	**23.5 JN**	NA	**2.21 JN**	**4.01 JN**	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	**6.4 J**	NA	**2.2 J**	**5.73 J**	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	**2.45 J**	NA	**0.939 J**	**1.75 J**	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	**4.77 J**	NA	**3.34**	**5.51 J**	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	**9.74 JN**	NA	**4.07 JN**	**7.67 JN**	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	**10.5 JN**	NA	**3.25 JN**	**7.65 JN**	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	**5.59 JN**	NA	**1.52 JN**	**3.9 JN**	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	**2.17 JN**	NA	**0.581 JN**	**1.49 JN**	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	**4.38 J**	NA	**2.31**	**2.76 J**	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	**32.3 J**	NA	**18.4 J**	**43.3 J**	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	**48.1 JN**	NA	**16 JN**	**40.7 JN**	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	**18 JN**	NA	**6.47 JN**	**18.4 JN**	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	**7.18 JN**	NA	**2.44 JN**	**7.08 JN**	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	**3.83 J**	NA	**5.27 J**	**9.27 J**	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	**9.38 JN**	NA	**3.98 JN**	**7.99 JN**	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	**12.7 JN**	NA	**2.79 JN**	**7.41 JN**	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	**7.58 JN**	NA	**1.9 JN**	**4.94 JN**	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**24.6 J**	NA	**7.35 J**	**22.3 J**	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	**0.241 J**	NA	**0.121 J**	**0.235 J**	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	**0.77 J**	NA	**0.0747 J**	**0.167 J**	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	**7.85 J**	NA	**9.53 J**	**20.2 J**	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	**6.35 J**	NA	**3.52**	**5.68 J**	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	**5.98 J**	NA	**1.93 J**	**4.77 J**	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	**6.59 J**	NA	**2.12 J**	**5.82 J**	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	**17.8 J**	NA	**14**	**17.8 J**	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	**8.71 JN**	NA	**7.83 JN**	**15.4 JN**	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	**14.5 JN**	NA	**9.06 JN**	**17.8 JN**	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	**26.1 JN**	NA	**7.4 JN**	**13.3 JN**	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	**17.9 JN**	NA	**3.83 JN**	**7.06 JN**	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	**6.86 JN**	NA	**2.5 JN**	**6.44 JN**	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	**3.83 JN**	NA	**1.38 JN**	**3.72 JN**	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	**1.93 JN**	NA	**0.762 JN**	**2.01 JN**	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	**0.545 JN**	NA	**0.238 JN**	**0.623 JN**	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	**6.71 J**	NA	**1.93 J**	**5.92 J**	NA	NA	NA	NA	NA	NA

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K - Williamsburg Works
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Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Phenanthrene	100	1000	100	**9.67 J**	NA	**18.7 J**	**33 J**	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	**24.9 JN**	NA	**16.5 JN**	**34 JN**	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	**23.8 JN**	NA	**8.28 JN**	**19.7 JN**	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	**9.89 JN**	NA	**2.93 JN**	**7.14 JN**	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	**3.24 JN**	NA	**0.871 JN**	**2.13 JN**	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**0.456 J**	NA	**0.121 J**	**0.228 J**	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	**51.5 J**	NA	**24.1 J**	**53.6 J**	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	**0.477 J**	NA	**0.275 J**	**0.517 J**	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	**2.87 J**	NA	**1.72 J**	**4.11 J**	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	**3.62 J**	NA	**1.53 J**	**2.71 J**	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	**0.491 J**	NA	**0.17 J**	**0.373 J**	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	**1.49 J**	NA	**0.591**	**0.837 J**	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**0.338 J**	NA	**0.137**	**0.191 J**	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	**1.05 J**	NA	**0.48**	**0.762 J**	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**3.34 J**	NA	**1.21 J**	**2.06 J**	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	**6.71 J**	NA	**1.97 J**	**5.45 J**	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	**4**	NA	**1.7**	**2.78**	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	**0.858 J**	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	**23**	NA	**17.3 J**	**2.48 J**	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	**4.25**	NA	**0.773**	**1.41**	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	**10.2**	NA	**1.94**	**3.9 J**	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	0.871 U	NA	**0.647**	**2.18 J**	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	0.871 U	NA	**0.72**	**2.54 J**	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	0.871 U	NA	**1.71 J**	**4.58 J**	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	0.871 U	NA	**1.41**	**3.64 J**	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	0.871 U	NA	**1.71 J**	**4.01 J**	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	**4.51**	NA	**1.75 J**	**5.2 J**	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	0.871 U	NA	**1.91 J**	**4.37 J**	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	0.871 U	NA	0.568 U	**1.31**	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	**8.99**	NA	**4.38 J**	**9.98 J**	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	**3.36**	NA	**1.53**	**3.49**	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	**3.75**	NA	**1.52**	**3.41**	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	0.871 U	NA	0.568 U	**0.952**	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	**5.36**	NA	**2.75 J**	**6.32 J**	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	0.871 U	NA	0.568 U	**1.06**	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
C-34	NE	NE	NE	0.871 U	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	**4.33**	NA	**1.67**	**2.52**	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	0.871 U	NA	**0.433 J**	0.678 U	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	**8.2**	NA	**3.1 J**	**5.63 J**	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	**10.7**	NA	**2.26 J**	**7.2 J**	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	0.871 U	NA	**0.559 J**	0.678 U	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	0.871 U	NA	**0.516 J**	0.678 U	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	**1.33**	NA	0.568 U	0.678 U	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	**2.04**	NA	**0.83**	**0.979**	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00032 J**	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	**0.0014**	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	0.001 U	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	**11.1**	NA	**2.91 J**	**5.37 J**	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	**9.97**	NA	**3.3 J**	**6.49 J**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	**12.7**	NA	**2.38**	**4.18**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	**12.6**	NA	**2.82**	**5.16**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	**11.1**	NA	**2.22**	**3.66**	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	**0.6**	NA	NA	0.06 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	**1.2 J**	NA	NA	**1.3 J**	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	**0.5**	NA	NA	**0.3 J**	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	**2.3**	NA	NA	**1.6**	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	0.0016 U	NA	NA	0.0018 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	**0.702 JN**	NA	NA	**0.102 J**	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	**0.134**	NA	NA	**0.012**	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	**0.135 J**	NA	NA	**0.0107 J**	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	0.0027 U	NA	NA	**0.0048 JN**	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	0.0027 R	NA	NA	0.003 U	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	**0.0227 JN**	NA	NA	**0.0222**	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	0.0027 UJ	NA	NA	0.003 UJ	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	0.0027 U	NA	NA	0.003 U	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	**0.008 J**	NA	NA	0.003 U	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	0.0027 R	NA	NA	0.003 U	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	0.0027 UJ	NA	NA	0.003 U	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	0.0136 U	NA	NA	0.003 U	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	0.192 U	NA	NA	0.207 U	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	0.192 U	NA	NA	0.207 U	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	19.2 U	NA	NA	20.7 U	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	19 U	NA	NA	20.5 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	0.01 U	NA	NA	**0.001 J**	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	NA	**5780**	**4110 J**	**4510 J**	**5530 J**	**6160**	**3250**	**6920**	**5360**	**4990**
Antimony	NE	NE	NE	NA	2.78 U	2.59 UJ	**0.72 J**	**2.48 J**	2.47 UJ	2.16 UJ	**5.45**	1.95 U	2.53 U
Arsenic	13	16	16	NA	**8.8**	**7.47 J**	**10.9 J**	**10.6 J**	**1.38 J**	2.16 UJ	**33.4**	**1.46 J**	**1.01 J**
Barium	350	820	400	NA	**101**	**84.7 J**	**120 J**	**234 J**	**33.6**	**22.8**	**351**	**21.3**	**39.5**
Beryllium	7.2	47	72	NA	**0.42 J**	**0.25 J**	1.25 UJ	**0.32 J**	**0.41 J**	**0.19 J**	**0.3 J**	**0.33 J**	**0.41 J**
Cadmium	2.5	7.5	4.3	NA	**0.59 J**	**0.63 J**	**1.04 J**	**3.43 J**	1.98 U	1.72 U	**5.78 J**	1.56 U	2.02 U
Calcium	NE	NE	NE	NA	**6510 J**	**20800**	**18900**	**13200 J**	**1110 J**	**756 J**	**16700 J**	**665**	**748**
Chromium	30	NE	180	NA	**10.7 J**	**14.2 J**	**26.4 J**	**48.7 J**	**19.4 J**	**6.11 J**	**46.2**	**10.7**	**11.7**
Cobalt	NE	NE	NE	NA	**5.15 J**	**4.87 J**	**7.48 J**	**5.35 J**	**6 J**	**2.73 J**	**10.9 J**	**3.84 J**	**3.26 J**
Copper	50	1720	270	NA	**42.4 J**	**51.5 J**	**70.9 J**	**198 J**	**9.78 J**	**4.54 J**	**851**	**8.32 J**	**9.76 J**
Iron	NE	NE	NE	NA	**17000 J**	**18500 J**	**26400 J**	**19000 J**	**22000 J**	**8250 J**	**37400 J**	**12600**	**15000**
Lead	63	450	400	NA	**259 J**	**368**	**456**	**519 J**	**6.22 J**	43.1 UJ	**972**	**6.16 J**	**4.46 J**
Magnesium	NE	NE	NE	NA	**2290 J**	**5340 J**	**6020 J**	**3040 J**	**1870 J**	**1670 J**	**3740 J**	**1800**	**1960**
Manganese	1600	2000	2000	NA	**235**	**196 J**	**237 J**	**263 J**	**475**	**53.3**	**404**	**194**	**92.2**
Mercury	0.18	0.73	0.81	NA	**0.246**	**1.14 J**	**2.26 J**	**2.35**	0.028 U	0.032 U	**1.68**	**0.068**	**0.012 J**
Nickel	30	130	310	NA	**15.8 J**	**19.3 J**	**30.4 J**	**27.2 J**	**11 J**	**6.27 J**	**63.1**	**9.53 J**	**7.29 J**
Potassium	NE	NE	NE	NA	**836 J**	**573 J**	**640 J**	**593 J**	2470 UJ	2160 UJ	**744 J**	**726 J**	**1730 J**
Selenium	3.9	4	180	NA	**2.57 J**	**1.15 J**	2.85 UJ	**0.69 J**	2.47 U	2.16 U	**1.22 J**	1.95 U	2.53 U
Silver	2	8.3	180	NA	2.22 U	2.07 UJ	2.28 UJ	1.82 U	1.98 U	1.72 U	**1.48 J**	1.56 U	2.02 U
Sodium	NE	NE	NE	NA	**328 J**	**537 J**	**610 J**	2280 UJ	2470 U	2160 U	**249 J**	1950 U	**121 J**
Thallium	NE	NE	NE	NA	2.78 U	2.59 R	2.85 R	2.28 UJ	2.47 U	2.16 U	**0.87 J**	1.95 U	2.53 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Tin	NE	NE	NE	NA	55.6 U	51.8 UJ	**19.2 J**	45.6 UJ	49.5 UJ	43.1 UJ	57 U	39 UJ	50.6 UJ
Vanadium	NE	NE	NE	NA	**19.7**	**11.9 J**	**20.3 J**	**20 J**	**25.2**	**7.39 J**	**50.5**	**17.3**	**21.3**
Zinc	109	2480	10000	NA	**203 J**	**310 J**	**572 J**	**974 J**	**39 J**	**25.6 J**	**2320**	**20.8**	**26**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE		0.227 U	0.239 U	0.241 U	0.212 U	0.235 U	0.243 U	0.227 U	0.239 U	0.233 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	**0.206**	NA	**0.0664 J**	**0.143 J**	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	**0.121**	NA	**0.0555 J**	**0.101 J**	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	**0.0683**	NA	**0.0324 J**	**0.0556 J**	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	**0.0486**	NA	**0.0142 J**	**0.0442 J**	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	**0.0321 J**	NA	**0.0191 J**	**0.0477 J**	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	**0.0473**	NA	**0.0213 J**	**0.0503 J**	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	**0.0374 J**	NA	**0.0194 J**	**0.0466 J**	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	**0.036 J**	NA	**0.0182 J**	**0.0574 J**	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	**0.0418 J**	NA	**0.0227 J**	**0.0461 J**	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	**0.051**	NA	**0.0196 J**	**0.0536 J**	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	**0.034 J**	NA	**0.0193 J**	**0.0431 J**	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	**0.0443**	NA	**0.0441 J**	**0.0915 J**	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	**0.0819**	NA	**0.0531 J**	**0.124 J**	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	**0.0365 J**	NA	**0.0208 J**	**0.0476 J**	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	**0.0431 J**	NA	**0.0184 J**	**0.0579 J**	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	**0.0426 J**	NA	**0.0236 J**	**0.0577 J**	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	0.0436 U	NA	**0.0111**	**0.0325 J**	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	**0.197**	NA	**0.136 J**	**0.315 J**	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	**0.0468**	NA	**0.0353 J**	**0.0801 J**	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	**0.029 J**	NA	**0.0112**	**0.0239 J**	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	**0.0397 J**	NA	**0.0243 J**	**0.067 J**	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	**0.0333 J**	NA	**0.0257 J**	**0.0549 J**	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	**0.285**	NA	**0.211 J**	**0.483 J**	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	**0.0312 J**	NA	**0.017 J**	**0.0426 J**	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	**0.0951**	NA	**0.0619 J**	**0.146 J**	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	**0.103**	NA	**0.0606 J**	**0.175 J**	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	0.0436 U	NA	**0.00538 J**	0.0339 U	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	**0.0821**	NA	**0.0497 J**	**0.112 J**	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	**0.0534**	NA	**0.0381 J**	**0.0846 J**	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	**0.0462**	NA	**0.0327 J**	**0.111 J**	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	**0.0389 J**	NA	**0.0295**	**0.0426**	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	0.0436 U	NA	**0.03**	0.0339 U	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	0.0436 U	NA	**0.0231**	0.0339 U	NA	NA	NA	NA	NA	NA

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Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-210 (5-10) 8/11/2022	WW-SB-210 (7-10) 7/27/2022	WW-SB-210 (10-15) 8/11/2022	Duplicate of WW-SB-210 (10-15) 8/11/2022	WW-SB-236 (0-5) 7/19/2022	WW-SB-236 (15-16) 7/20/2022	WW-SB-236 (39-40) 7/20/2022	SB-237 (0.5-5) 7/12/2022	WW-SB-237 (17-19) 7/14/2022	WW-SB-237 (23-25) 7/14/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	0.0436 U	NA	**0.0242 J**	**0.069 J**	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	0.0436 U	NA	**0.0192**	**0.0265 J**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	**0.121**	NA	**0.062 J**	**0.117 J**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	**0.0702**	NA	**0.0395 J**	**0.0749 J**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	**0.0604**	NA	**0.0417 J**	**0.0862 J**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	**0.218**	NA	**0.127 J**	**0.229 J**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	**0.127**	NA	**0.0505 J**	**0.0884 J**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	**0.122**	NA	**0.0488 J**	**0.0854 J**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	**0.308**	NA	**0.13 J**	**0.267 J**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	**0.0356 J**	NA	**0.0141**	0.0339 U	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	**0.0509**	NA	**0.0147**	**0.0356**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	**0.179**	NA	**0.0726 J**	**0.149 J**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	**0.105**	NA	**0.0546 J**	**0.0998 J**	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	**0.146**	NA	**0.0792 J**	**0.163 J**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	**0.15**	NA	**0.0618 J**	**0.136 J**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	**0.133**	NA	**0.0745 J**	**0.16 J**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	**0.156**	NA	**0.103 J**	**0.2 J**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	**0.131**	NA	**0.0473**	**0.076**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	**0.111**	NA	**0.067 J**	**0.145 J**	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	**1040**	NA	**233**	**379**	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	**414**	NA	**250 J**	**753 J**	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	**1300**	NA	**830**	**1310**	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	**1460**	NA	**1030**	**1530**	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**4910**	NA	**2460**	**3180**	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	**7250**	NA	**1660 J**	**2980 J**	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	**8710**	NA	**2240 J**	**4220 J**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**0.0016 J**	**0.022**	0.0029 U	**0.203**	0.0029 U	**0.0017 J**	0.0087 U	0.0035 U	**0.484**	0.003 U	0.0043 U
Toluene	0.7	0.7	100	0.0039 U	**0.0076**	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	**9.42**	0.003 U	0.0043 U
Ethylbenzene	1	1	41	0.0039 U	**0.0012 J**	0.0029 U	**0.0014 J**	0.0029 U	**0.0064**	0.0087 U	0.0035 U	**62.1**	0.003 U	0.0043 U
o-Xylene	0.26	1.6	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.0019 J**	0.0087 U	0.0035 U	**27.2**	0.003 U	0.0043 U
m/p-Xylene	0.26	1.6	100	0.0077 U	0.0063 U	0.0058 U	0.0058 U	0.0058 U	0.0066 U	0.0175 U	0.007 U	**53.7**	0.006 U	0.0087 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0016**	**0.0308**	ND	**0.2044**	ND	**0.01**	ND	ND	**152.904**	ND	ND
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	0.0385 U	**0.115**	**0.0144 J**	0.0291 U	**0.0072 J**	**0.0277 J**	**0.0291 J**	0.0348 U	4.2 U	**0.008 J**	**0.003 J**
n-Butylbenzene	12	12	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.0782**	0.0087 U	0.0035 U	**1.61**	0.003 U	0.0043 U
sec-Butylbenzene	11	11	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.0056**	0.0087 U	0.0035 U	**0.248**	0.003 U	0.0043 U
tert-Butylbenzene	5.9	5.9	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Carbon disulfide	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.002 J**	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Chlorobenzene	1.1	1.1	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Cyclohexane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	**0.0027 J**	0.0043 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0039 U	**0.0761**	**0.0019 J**	0.0029 U	0.0029 U	**0.0632**	0.0087 U	0.0035 U	**4.24**	0.003 U	0.0043 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	1.01 U	0.003 U	0.0043 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,1-Dichloroethane	0.27	0.27	26	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,1-Dichloroethene	0.33	0.33	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0039 U	0.0031 U	0.0029 U	**0.0014 J**	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,2-Dichloropropane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Isopropylbenzene	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	**0.0046**	0.0029 U	**0.0302**	0.0087 U	0.0035 U	**7.91**	0.003 U	0.0043 U
Methyl acetate	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	1.68 U	0.003 U	0.0043 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0385 U	**0.0096 J**	0.0292 U	0.0291 U	0.0288 U	0.0332 U	0.0874 U	0.0348 U	4.2 U	0.03 U	0.0433 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0385 U	0.0313 U	0.0292 U	0.0291 U	0.0288 U	0.0332 U	0.0874 U	0.0348 U	1.68 U	0.03 U	0.0433 U
Methylcyclohexane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.0027 J**	0.0087 U	0.0035 U	**0.158 J**	0.003 U	0.0043 U
Methylene chloride	0.05	0.05	100	0.0193 U	0.0156 U	0.0146 U	0.0145 U	0.0144 U	0.0166 U	0.0437 U	0.0174 U	**0.165 J**	0.015 U	0.0217 U
Naphthalene	12	12	100	0.0039 U	**0.0012 J**	0.0029 U	**0.0069**	0.0029 U	**15.6**	0.0087 U	0.0035 U	**906**	0.003 U	0.0043 U
n-Propylbenzene	3.9	3.9	100	0.0039 U	0.0031 U	0.0029 U	**0.0011 J**	0.0029 U	**0.0306**	0.0087 U	0.0035 U	**3.13**	0.003 U	0.0043 U
Styrene	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.0024 J**	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0039 U	0.0031 UJ	0.0029 UJ	0.0029 UJ	0.0029 U	0.0033 UJ	0.0087 UJ	0.0035 U	0.168 U	0.003 UJ	0.0043 U
Tetrahydrofuran	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	NA	0.003 U	0.0043 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,1,2-Trichloroethane	NE	NE	NE	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	0.0033 U	0.0087 U	0.0035 U	0.168 U	0.003 U	0.0043 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0039 U	0.0031 U	0.0029 U	**0.0018 J**	0.0029 U	**0.632**	0.0087 U	0.0035 U	**45**	0.003 U	0.0043 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0039 U	0.0031 U	0.0029 U	0.0029 U	0.0029 U	**0.296**	0.0087 U	0.0035 U	**17.5**	0.003 U	0.0043 U
Vinyl chloride	0.02	0.02	0.9	0.0077 U	0.0063 U	0.0058 U	0.0058 U	0.0058 U	0.0066 U	0.0175 U	0.007 U	0.168 U	0.006 U	0.0087 U
Total VOCs	NE	NE	NE	**0.0016**	**0.2327**	**0.0163**	**0.2202**	**0.0072**	**16.7806**	**0.0291**	ND	**1138.865**	**0.0107**	**0.003**
PAHs (mg/kg)														
Acenaphthene	20	98	100	**0.57 J**	0.817 U	0.417 U	0.382 U	0.714 U	**10.3**	1.07 U	**8.61**	**85.3**	0.427 U	**0.314 J**
Acenaphthylene	100	107	100	**2.07**	**0.33 J**	0.417 U	0.382 U	0.714 U	**21.7**	1.07 U	**9.17**	**12.8**	0.427 U	**1.8**
Anthracene	100	1000	100	**2.38**	**0.325 J**	0.417 U	0.382 U	**0.141 J**	**26.3**	1.07 U	**7.72**	**32.3**	0.427 U	**1.49**
Benzo(a)anthracene	1	1	1	**5.47**	**1.03**	0.417 U	0.382 U	**0.482 J**	**27.9**	1.07 U	**10.9**	**28.6**	0.427 U	**3.39**
Benzo(b)fluoranthene	1	1.7	1	**4.68**	**0.95**	0.417 U	0.382 U	**0.43 J**	**10.5**	1.07 U	**6.61**	**14.6**	0.427 U	**3.09**
Benzo(k)fluoranthene	0.8	1.7	3.9	**3.8**	**0.868**	0.417 U	0.382 U	**0.481 J**	**13.6**	1.07 U	**5.99**	**13.4**	0.427 U	**2.52**
Benzo(g,h,i)perylene	100	1000	100	**3.57**	**0.747 J**	0.417 U	0.382 U	**0.387 J**	**6.02**	1.07 U	**5.46**	**7.63**	0.427 U	**2.6**
Benzo(a)pyrene	1	22	1	**5.6**	**1.27**	**0.0694 J**	0.192 U	**0.548**	**22.5**	0.537 U	**11.3**	**24.4**	0.214 U	**3.89**
Chrysene	1	1	3.9	**5.16**	**1.01**	0.209 U	0.192 U	**0.502**	**28.1**	0.537 U	**10.1**	**25.5**	0.214 U	**3.21**
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.955**	**0.202 J**	0.209 U	0.192 U	**0.114 J**	**2.36**	0.537 U	**2.42**	**2.43**	0.214 U	**0.667**
Fluoranthene	100	1000	100	**9.29**	**1.4**	0.417 U	0.382 U	**0.86**	**37.9**	1.07 U	**12.2**	**48.9**	0.427 U	**5.48**
Fluorene	30	386	100	**0.591 J**	0.817 U	0.417 U	0.382 U	0.714 U	**38.1**	1.07 U	**6.59**	**46.9**	0.427 U	**0.244 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**4.47**	**0.845**	0.417 U	0.382 U	**0.458 J**	**7.21**	1.07 U	**6.56**	**9.51**	0.427 U	**3.12**
2-Methylnaphthalene	NE	NE	NE	**0.797**	**0.193 J**	0.417 U	0.382 U	0.714 U	**30.7**	1.07 U	**1.95**	**288**	0.427 U	**0.356 J**
Naphthalene	12	12	100	**1.4**	**0.452 J**	0.417 U	0.382 U	0.714 U	**17.3**	1.07 U	**6.67**	**649**	**0.198 J**	**0.626 J**
Phenanthrene	100	1000	100	**7.06**	**0.962**	0.417 U	0.382 U	**0.374 J**	**118**	1.07 U	**23.8**	**129**	0.427 U	**3.51**
Pyrene	100	1000	100	**9.86**	**1.9**	0.417 U	0.382 U	**0.832**	**66.8**	1.07 U	**19.8**	**68.8**	0.427 U	**5.73**
Total PAHs	NE	NE	NE	**67.723**	**12.484**	**0.0694**	ND	**5.609**	**485.29**	ND	**155.85**	**1487.07**	**0.198**	**42.037**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	1.46 U	1.64 U	0.835 U	0.766 U	1.43 U	2.35 U	2.15 U	1.52 U	2.4 U	0.856 U	1.46 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	**10.3**	1.07 U	**1.71**	**19.7**	0.427 U	0.727 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Butyl benzyl phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Caprolactam	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Carbazole	NE	NE	NE	**0.7 J**	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	**0.503 J**	**5.33**	0.427 U	**0.375 J**
2-Chloronaphthalene	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Dibenzofuran	7	210	59	**0.465 J**	0.817 U	0.417 U	0.382 U	0.714 U	**3.85**	1.07 U	**1.29**	**12.9**	0.427 U	**0.213 J**
Diethyl phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Dimethyl phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
2,4-Dimethylphenol	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Di-n-butyl phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
2,6-Dinitrotoluene	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Di-n-octyl phthalate	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
2-Methylnaphthalene	NE	NE	NE	**0.797**	**0.193 J**	0.417 U	0.382 U	0.714 U	**30.7**	1.07 U	**1.95**	**288**	0.427 U	**0.356 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	1.46 U	1.64 U	0.835 U	0.766 U	1.43 U	2.35 U	2.15 U	1.52 U	2.4 U	0.856 U	1.46 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Phenol	0.33	0.33	100	0.73 U	0.817 U	0.417 U	0.382 U	0.714 U	1.17 U	1.07 U	0.759 U	1.2 U	0.427 U	0.727 U
Total SVOCs	NE	NE	NE	**68.888**	**12.484**	**0.0694**	ND	**5.609**	**499.44**	ND	**159.353**	**1525**	**0.198**	**42.625**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 3											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	**0.0016**	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	0.06 U	NA	NA	NA	0.05 U	0.06 U	0.2 U	0.06 U	0.06 U	0.06 U	0.06 U
Aroclor 1248	NE	NE	NE	0.06 U	NA	NA	NA	0.05 U	0.06 U	0.2 U	0.06 U	0.06 U	0.06 U	0.06 U
Aroclor 1254	NE	NE	NE	**0.9**	NA	NA	NA	0.05 U	0.06 U	0.2 U	**0.4**	0.06 U	0.06 U	**1.7**
Aroclor 1260	NE	NE	NE	**0.6 J**	NA	NA	NA	**0.2 J**	0.06 U	0.2 U	**0.1 J**	0.06 U	0.06 U	**0.7**
Aroclor 1268	NE	NE	NE	0.06 U	NA	NA	NA	0.05 U	0.06 U	0.2 U	0.06 U	0.06 U	0.06 U	0.06 U
Total PCB Aroclors	0.1	3.2	1	**1.5**	NA	NA	NA	**0.2**	ND	ND	**0.5**	ND	ND	**2.4**
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0017 U	NA	NA	NA	0.0016 U	0.0036 U	0.0049 U	0.0017 U	0.0036 U	0.0019 U	0.0016 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
Chlordane (Technical)	NE	NE	NE	**0.094 J**	NA	NA	NA	**0.393 J**	**0.0372 J**	0.0977 U	**0.0529 J**	0.0712 U	0.0377 U	**0.122 J**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	**0.0132**	NA	NA	NA	**0.0664 J**	0.006 U	0.0081 U	**0.0041**	0.0059 U	0.0031 U	**0.0167**
gamma-Chlordane	NE	NE	NE	**0.0079 J**	NA	NA	NA	**0.0471**	**0.0068**	0.0081 U	**0.0051 J**	**0.0052 J**	0.0031 U	**0.0149**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0029 U	NA	NA	NA	**0.0135 JN**	0.006 U	0.0081 U	**0.0683 J**	**0.0179 JN**	0.0031 U	0.0027 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	**0.0084 JN**	NA	NA	NA	**0.0045 J**	**0.0055 J**	0.0081 U	0.0028 U	0.0059 U	0.0031 U	**0.0033 JN**
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U

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Brooklyn, New York

Location				Parcel 3										
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Dieldrin	0.005	0.1	0.2	**0.0233 JN**	NA	NA	NA	**0.0256 J**	0.006 U	0.0081 U	**0.0035 JN**	0.0059 U	0.0031 U	**0.0154 JN**
alpha-Endosulfan (I)	2.4	102	24	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
beta-Endosulfan (II)	2.4	102	24	0.0029 U	NA	NA	NA	0.0026 U	0.006 UJ	0.0081 UJ	**0.0071 JN**	0.0059 UJ	0.0031 UJ	0.0027 U
Endosulfan sulfate	2.4	1000	24	0.0029 U	NA	NA	NA	0.0026 U	**0.0062 JN**	0.0081 U	**0.0063 JN**	0.0059 U	0.0031 U	0.0027 U
Endrin	0.014	0.06	11	0.0029 U	NA	NA	NA	0.0026 U	**0.018**	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
Endrin aldehyde	NE	NE	NE	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
Endrin ketone	NE	NE	NE	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	**0.0087 JN**	0.0031 U	0.0027 U
Heptachlor	0.042	0.38	2.1	0.0029 U	NA	NA	NA	**0.0071**	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	**0.0024 J**
Heptachlor epoxide	NE	NE	NE	0.0029 U	NA	NA	NA	**0.003 JN**	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
Hexachlorobenzene	0.33	3.2	1.2	**0.0011 J**	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	0.0028 U	0.0059 U	0.0031 U	0.0027 U
Methoxychlor	NE	NE	NE	0.0029 U	NA	NA	NA	0.0026 U	0.006 U	0.0081 U	**0.0137 JN**	0.0059 U	0.0031 U	0.0027 U
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.201 U	NA	NA	NA	0.194 U	0.219 U	0.557 U	**0.028 J**	0.228 U	0.219 U	0.195 U
Dicamba	NE	NE	NE	0.01 U	NA	NA	NA	0.01 U	0.011 U	0.028 U	0.01 U	0.011 U	0.011 U	0.01 U
Dichloroprop	NE	NE	NE	0.201 U	NA	NA	NA	0.194 U	0.219 U	0.557 U	0.198 U	0.228 U	0.219 U	0.195 U
Mecoprop (MCPP)	NE	NE	NE	20.1 U	NA	NA	NA	19.4 U	21.9 U	**38.4 J**	19.8 U	22.8 U	**3.85 J**	19.5 U
Methylchlorophenoxyacetic acid	NE	NE	NE	19.9 U	NA	NA	NA	19.1 U	21.6 U	55.1 U	19.6 U	22.5 U	21.7 U	19.3 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.01 U	NA	NA	NA	0.01 U	0.011 U	0.028 U	0.01 U	0.012 U	0.011 U	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	**0.002 J**	NA	NA	NA	0.01 U	**0.001 J**	0.028 U	**0.006 J**	**0.002 J**	0.011 U	0.01 U
Metals (mg/kg)														
Aluminum	NE	NE	NE	**6690**	**2790**	**6580**	**3000**	**5550**	**4630**	**3870**	**7520**	**7580**	**5110**	**4450**
Antimony	NE	NE	NE	**4.13**	**0.58 J**	2.1 U	2.28 U	2.33 U	2.16 U	6.94 U	**0.63 J**	2.94 U	2.22 U	**2.1 J**
Arsenic	13	16	16	**14**	**45.8**	**1.69 J**	2.28 U	**3.41**	**1.28 J**	**2.18 J**	**12.6**	**1.44 J**	**0.68 J**	**4.31**
Barium	350	820	400	**369**	**52.4**	**34**	**23.4**	**58.9**	**25.6**	**23.6 J**	**106**	**26 J**	**32.4**	**175**
Beryllium	7.2	47	72	**0.58 J**	0.84 U	**0.41 J**	**0.29 J**	**0.26 J**	**0.35 J**	3.06 U	**0.38 J**	**0.43 J**	**0.42 J**	**0.29 J**
Cadmium	2.5	7.5	4.3	**5.68**	**0.82 J**	1.68 U	1.83 U	**0.66 J**	1.73 U	5.56 U	1.93 U	2.35 U	1.78 U	**1.57 J**
Calcium	NE	NE	NE	**27200 J**	**15500**	**1350**	**665**	**45100 J**	**5410**	**1240**	**8470 J**	**926**	**1060**	**7630 J**
Chromium	30	NE	180	**42.9**	**18.5**	**11.6**	**6.26 J**	**18.2**	**10.4**	**11.4 J**	**15.5**	**13.2**	**12.2**	**24.8**
Cobalt	NE	NE	NE	**7.32 J**	**12.2**	**5.94 J**	**2.15 J**	**3.85 J**	**3.74 J**	**5.11 J**	**6.29 J**	**4.73 J**	**7 J**	**2.99 J**
Copper	50	1720	270	**346**	**75.9**	**10.2 J**	**5.46 J**	**40.3**	**8.13 J**	69.4 U	**67.5**	**10.1 J**	**8.17 J**	**126**
Iron	NE	NE	NE	**29300**	**76900**	**13900**	**9420**	**11000**	**12400**	**36700**	**26300**	**14500**	**21900**	**12700**
Lead	63	450	400	**935**	**281**	**14 J**	45.6 U	**119**	**12.4 J**	139 U	**435**	**4.58 J**	**6.12 J**	**344**
Magnesium	NE	NE	NE	**4040**	**6410**	**2380**	**1240**	**17700**	**1820**	**1120**	**3610**	**2210**	**1560**	**2070**
Manganese	1600	2000	2000	**298**	**515**	**308**	**43.2**	**193**	**144**	**578**	**358**	**336**	**336**	**202**
Mercury	0.18	0.73	0.81	**2.07**	**0.586**	**0.013 J**	0.031 U	**0.378**	**0.034**	**0.031 J**	**1.91**	0.038 U	**0.01 J**	**1.17**
Nickel	30	130	310	**52.8**	**19.3**	**11.1 J**	**4.8 J**	**40**	**7 J**	69.4 U	**16.6 J**	**8.96 J**	**8.98 J**	**20.8 J**
Potassium	NE	NE	NE	**850 J**	**371 J**	**851 J**	**640 J**	**772 J**	**778 J**	**852 J**	**925 J**	**1090 J**	**753 J**	**559 J**
Selenium	3.9	4	180	**1.89 J**	**0.92 J**	2.1 U	2.28 U	2.33 U	2.16 U	6.94 U	2.42 U	2.94 U	2.22 U	2.7 U
Silver	2	8.3	180	**2.06**	1.53 U	1.68 U	1.83 U	1.87 U	1.73 U	5.56 U	1.93 U	2.35 U	1.78 U	2.16 U
Sodium	NE	NE	NE	**362 J**	**139 J**	**159 J**	**161 J**	**315 J**	**102 J**	**392 J**	2420 U	**251 J**	**178 J**	2700 U
Thallium	NE	NE	NE	2.55 U	1.91 U	2.1 U	2.28 U	2.33 U	2.16 U	6.94 U	2.42 U	2.94 U	2.22 U	2.7 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
Tin	NE	NE	NE	**107**	38.2 UJ	42 UJ	45.6 UJ	46.7 U	43.1 UJ	139 UJ	48.3 U	58.8 UJ	44.5 UJ	54.1 U
Vanadium	NE	NE	NE	**26.2**	**35.6**	**19.2**	**9.09 J**	**20.9**	**15.9**	**29.2**	**25.7**	**21.9**	**21.2**	**16.9**
Zinc	109	2480	10000	**2100 J**	**277**	**29.1**	**13 J**	**110 J**	**24.9**	**38.1 J**	**216 J**	**26.4 J**	**25.2**	**530 J**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.225 U	0.253 U	0.252 U	0.235 U	0.208 U	0.242 U	0.622 U	0.215 U	0.247 U	0.247 U	0.218 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-238 (0.4-5) 7/12/2022	WW-SB-238 (6-9) 7/14/2022	WW-SB-238 (11-13) 7/14/2022	WW-SB-238 (28-30) 7/14/2022	SB-239 (0.5-2) 7/11/2022	WW-SB-239 (5-7) 7/15/2022	WW-SB-239 (54-55) 7/15/2022	SB-240 (0.5-4.5) 7/11/2022	WW-SB-240 (15-16) 7/15/2022	WW-SB-240 (49-50) 7/15/2022	SB-241 (0.5-3.5) 7/11/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**1350**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Brooklyn, New York

Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**5.67**	0.0033 U	**0.0014 J**	**5.22**	**0.0214**	0.0059 U	**0.34 J**	0.0056 U	0.006 U	**54**	**0.00086 J**
Toluene	0.7	0.7	100	**42.8**	0.0033 U	**0.0008 J**	**6.61**	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Ethylbenzene	1	1	41	**54.5**	0.0033 U	0.0023 U	**51 J**	0.0031 U	0.0059 U	**25**	0.0056 U	0.006 U	**430**	0.006 U
o-Xylene	0.26	1.6	100	**32.3**	0.0033 U	0.0023 U	**18**	0.0031 U	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**69.5**	0.0065 U	0.0046 U	**30**	0.0063 U	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Total BTEX	NE	NE	NE	**204.77**	ND	**0.0022**	**110.83**	**0.0214**	ND	**25.34**	ND	ND	**484**	**0.00086**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	6.92 U	0.0326 U	**0.026**	4.11 U	**0.0223 J**	0.024 UJ	5.7 R	0.022 U	0.024 UJ	30 U	0.024 UJ
n-Butylbenzene	12	12	100	**2.4**	0.0033 U	0.0023 U	**3.94**	0.0031 U	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	**0.183 J**	0.0033 U	0.0023 U	**0.313**	0.0031 U	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 UJ	2.3 U	0.0056 U	0.006 UJ	12 U	0.006 UJ
Chlorobenzene	1.1	1.1	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Cyclohexane	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	**0.306**	**0.0014 J**	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**1.56**	0.0033 U	0.0023 U	**3.17**	0.0031 U	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	1.66 UJ	0.0033 UJ	0.0023 U	0.988 U	0.0031 U	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
1,1-Dichloroethene	0.33	0.33	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.277 U	0.0033 U	0.0023 U	0.165 U	**0.0094**	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
1,2-Dichloropropane	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Isopropylbenzene	NE	NE	NE	**2.94**	0.0033 U	0.0023 U	**4.76**	0.0031 U	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	2.77 U	0.0033 U	**0.0154**	1.65 U	0.0031 U	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	6.92 U	0.0326 U	0.023 U	4.11 U	0.0313 U	0.012 U	2.3 U	0.011 U	0.012 U	12 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	2.77 U	0.0326 U	0.023 U	1.65 U	0.0313 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Methylcyclohexane	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	**0.79**	**0.0027 J**	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	1.38 U	**0.0013 J**	0.0115 U	**0.0724 J**	0.0156 U	0.024 U	2.3 U	0.022 U	0.024 U	12 U	0.024 U
Naphthalene	12	12	100	**942**	0.0033 U	**0.0008 J**	**781 J**	0.0031 U	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**2.12**	0.0033 U	0.0023 U	**2.46**	0.0031 U	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	**0.681**	0.0033 U	0.0023 U	**2.29**	0.0031 U	**0.001 J**	2.3 U	0.0056 U	**0.00051 J**	12 U	0.006 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.277 U	0.0033 U	0.0023 UJ	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Tetrahydrofuran	NE	NE	NE	NA	0.0033 U	0.0023 U	NA	0.0031 U	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.277 U	0.0033 U	0.0023 U	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
Trichloroethene (TCE)	0.47	0.47	21	0.277 U	0.0033 U	**0.0018 J**	0.165 U	0.0031 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**39.3**	0.0033 U	0.0023 U	**36.5 J**	0.0031 U	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**12.1**	0.0033 U	0.0023 U	**11.3**	0.0031 U	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.277 U	0.0065 U	0.0046 U	0.165 U	0.0063 U	0.0059 U	2.3 U	0.0056 U	0.006 U	12 U	0.006 U
Total VOCs	NE	NE	NE	**1208.054**	**0.0013**	**0.0462**	**957.7314**	**0.0572**	**0.001**	**25.34**	ND	**0.00051**	**484**	**0.00086**
PAHs (mg/kg)														
Acenaphthene	20	98	100	**9.55**	0.439 U	**1.11**	**16.2**	0.418 U	**1.4 J**	**110**	**0.35**	**5.6 J**	**350**	**0.12 J**
Acenaphthylene	100	107	100	**40.7**	0.439 U	**1.21**	**18.3**	0.418 U	**0.87 J**	**12 J**	**0.042 J**	**4.4 J**	150 U	0.32 U
Anthracene	100	1000	100	**18.4**	0.439 U	**2.36**	**8.93**	0.418 U	**2.6 J**	**47 J**	**0.2 J**	**14 J**	**120 J**	**0.06 J**
Benzo(a)anthracene	1	1	1	**14**	0.439 U	**6.86**	**5.51**	0.418 U	**19**	**35 J**	**0.14 J**	**76**	**57 J**	**0.05 J**
Benzo(b)fluoranthene	1	1.7	1	**4.27**	0.439 U	**6.51**	**1.83**	0.418 U	**47 J**	**30 J**	**0.13 J**	**150 J**	**34 J**	0.32 U
Benzo(k)fluoranthene	0.8	1.7	3.9	**4.8**	0.439 U	**5.1**	**2.29**	0.418 U	**20 J**	**12 J**	**0.043 J**	**57 J**	**15 J**	0.32 U
Benzo(g,h,i)perylene	100	1000	100	**2.77**	0.439 U	**4.09**	**1.31**	0.418 U	**28 J**	**15 J**	**0.13 J**	**78 J**	150 U	0.32 U
Benzo(a)pyrene	1	22	1	**9.85**	0.22 U	**7.53**	**4.27**	0.21 U	**41 J**	**36 J**	**0.12 J**	**130 J**	**43 J**	**0.038 J**
Chrysene	1	1	3.9	**12.6**	0.22 U	**7.03**	**4.86**	0.21 U	**20**	**36 J**	**0.13 J**	**73**	**55 J**	**0.049 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	**1.01**	0.22 U	**1.08**	**0.45**	0.21 U	**8.2 J**	60 U	0.29 U	**22 J**	150 U	0.32 U
Fluoranthene	100	1000	100	**20**	0.439 U	**13**	**9.91**	0.418 U	**17**	**71**	**0.23 J**	**60**	**130 J**	**0.088 J**
Fluorene	30	386	100	**23.6**	0.439 U	**1.08**	**12.9**	0.418 U	**1.2 J**	**59 J**	**0.2 J**	**8.6 J**	**160**	**0.064 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**3.25**	0.439 U	**4.67**	**1.61**	0.418 U	**33 J**	**14 J**	**0.11 J**	**90 J**	150 U	0.32 U
2-Methylnaphthalene	NE	NE	NE	**231**	0.439 U	**0.733 J**	**79.6**	0.418 U	6.2 U	**340**	**0.7**	16 U	**930**	0.32 U
Naphthalene	12	12	100	**632**	0.439 U	**1.55**	**159**	0.418 U	6.2 U	**740**	0.29 U	16 U	**2300**	0.32 U
Phenanthrene	100	1000	100	**79.2**	0.439 U	**11.9**	**34.8**	0.418 U	**10**	**160**	**0.67**	**46**	**390**	**0.23 J**
Pyrene	100	1000	100	**35.2**	0.439 U	**13.5**	**12.8**	0.418 U	**22**	**80**	**0.47**	**90**	**140 J**	**0.17 J**
Total PAHs	NE	NE	NE	**1142.2**	ND	**89.313**	**374.57**	ND	**271.27**	**1797**	**3.665**	**904.6**	**4724**	**0.869**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	2.42 U	0.879 U	1.62 U	0.83 U	0.837 U	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**11.5**	0.439 U	0.807 U	**4.63**	0.418 U	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	1.21 U	0.439 U	**0.326 J**	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Butyl benzyl phthalate	NE	NE	NE	**1.46**	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Caprolactam	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	**0.49 J**	0.439 U	**1.42**	**0.246 J**	0.418 U	**1.1 J**	**5.2 J**	0.29 U	**2.3 J**	**13 J**	0.32 U
2-Chloronaphthalene	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Dibenzofuran	7	210	59	**3.99**	0.439 U	**0.852**	**1.97**	0.418 U	**1 J**	**11 J**	**0.032 J**	**2.2 J**	**43 J**	0.32 U
Diethyl phthalate	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Dimethyl phthalate	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
2,4-Dimethylphenol	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Di-n-butyl phthalate	NE	NE	NE	1.21 U	0.439 U	**0.151 J**	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
2,6-Dinitrotoluene	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Di-n-octyl phthalate	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 UJ	60 U	0.29 U	16 UJ	150 U	0.32 U
2-Methylnaphthalene	NE	NE	NE	**231**	0.439 U	**0.733 J**	**79.6**	0.418 U	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	2.42 U	0.879 U	1.62 U	0.83 U	0.837 U	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Phenol	0.33	0.33	100	1.21 U	0.439 U	0.807 U	0.414 U	0.418 U	6.2 U	60 U	0.29 U	16 U	150 U	0.32 U
Total SVOCs	NE	NE	NE	**1159.64**	ND	**92.062**	**381.416**	ND	**273.37**	**1813.2**	**3.697**	**909.1**	**4780**	**0.869**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	0.06 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.06 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	**1.8**	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	**0.8 J**	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	**2.6**	NA	NA	ND	NA	NA	ND	NA	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	0.003 U	NA	NA	0.002 UJ	NA	NA	0.002 UJ	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.003 U	NA	NA	0.002 UJ	NA	NA	0.002 UJ	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0018 U	NA	NA	**0.00077 J**	NA	NA	**0.0021 J**	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.003 U	NA	NA	**0.00089 J**	NA	NA	**0.00089 J**	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.154 J**	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0254**	NA	NA	0.002 U	NA	NA	**0.0025**	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.026 J**	NA	NA	**0.0058**	NA	NA	0.002 U	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.003 U	NA	NA	0.0039 U	NA	NA	0.0039 U	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	**0.0104 JN**	NA	NA	0.0039 U	NA	NA	0.0039 U	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.003 U	NA	NA	0.0039 UJ	NA	NA	0.0039 UJ	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0368 J**	NA	NA	**0.004 J**	NA	NA	0.0039 UJ	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.003 U	NA	NA	0.002 UJ	NA	NA	0.002 UJ	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.003 UJ	NA	NA	**0.0089 J**	NA	NA	**0.014 J**	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.003 U	NA	NA	0.0039 U	NA	NA	0.0039 U	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.003 U	NA	NA	0.0039 U	NA	NA	0.0039 UJ	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.003 U	NA	NA	**0.023 J**	NA	NA	**0.03 J**	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.003 U	NA	NA	**0.0041 J**	NA	NA	**0.0016 J**	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.003 U	NA	NA	0.002 UJ	NA	NA	0.002 UJ	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.003 U	NA	NA	0.002 UJ	NA	NA	0.002 UJ	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.003 U	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	**0.0053 JN**	NA	NA	0.02 UJ	NA	NA	0.02 UJ	NA	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.22 U	NA	NA	0.098 UJ	NA	NA	0.1 UJ	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	22 U	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	21.7 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.011 U	NA	NA	0.025 UJ	NA	NA	0.026 UJ	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.011 U	NA	NA	0.025 UJ	NA	NA	0.026 UJ	NA	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**7860 J**	**2520 J**	**6470**	**6650**	**4930**	**2170**	**1760**	**4450**	**2790**	**4000**	**2700**
Antimony	NE	NE	NE	2.08 UJ	2.79 UJ	**3.75 J**	2.58 U	2.91 U	4.7 UJ	4.6 UJ	4.6 UJ	4.7 UJ	4.9 UJ	4.7 UJ
Arsenic	13	16	16	**1.44 J**	**1.28 J**	**11.5**	**1.85 J**	**2.2 J**	**2.7 J**	**3.8**	5.9 U	**3.9 J**	**31.9**	6 U
Barium	350	820	400	**38.9 J**	**11.4 J**	**431**	**31.2 J**	**28.5 J**	**30.4**	**12.8 J**	**28.5 J**	**21.4**	**56.5 J**	**15.1 J**
Beryllium	7.2	47	72	**0.6 J**	**0.43 J**	**0.34 J**	**0.4 J**	**0.4 J**	1.4 U	**0.15 J**	**0.46 J**	1.4 U	**0.36 J**	**0.64 J**
Cadmium	2.5	7.5	4.3	1.66 UJ	2.23 UJ	**6.17**	2.06 U	2.33 U	1.4 UJ	1.4 UJ	1.4 U	1.4 UJ	1.5 U	1.4 UJ
Calcium	NE	NE	NE	**1090 J**	**516 J**	**18000**	**618 J**	**1910 J**	71.2 UJ	**113000 J**	**1490 J**	71.3 UJ	**12100 J**	**384 J**
Chromium	30	NE	180	**17.7 J**	**7.55 J**	**45.8**	**15.9 J**	**11 J**	**13.3 J**	**3 J**	**13.2 J**	**4.2 J**	**12.9 J**	**17.9 J**
Cobalt	NE	NE	NE	**7.73 J**	**4.4 J**	**8.18 J**	**4.28 J**	**4.84 J**	**1.6**	**2.2 J**	**6.4 J**	**1.3 J**	**3.8 J**	**5.2 J**
Copper	50	1720	270	**19.5 J**	**7.3 J**	**370**	**11.1 J**	**6.34 J**	**10.2**	**12 J**	**16.4 J**	**7.9**	**64.2 J**	**17.1 J**
Iron	NE	NE	NE	**22500 J**	**22700 J**	**29600**	**19000 J**	**14100 J**	**5570 J**	**6210 J**	**13600 J**	**5830 J**	**14500 J**	**44200 J**
Lead	63	450	400	**14.8 J**	**6.56 J**	**1030**	**6.44 J**	**3.17 J**	**36.9 J**	**11.8 J**	**4.5 J**	**25.3 J**	**99 J**	**6 J**
Magnesium	NE	NE	NE	**2360 J**	**655 J**	**3620**	**1810 J**	**2280 J**	**493 J**	**67000 J**	**2490 J**	**517 J**	**1700 J**	**535 J**
Manganese	1600	2000	2000	**294 J**	**551 J**	**310**	**208**	**317**	**50.9 J**	**132 J**	**382 J**	**24.8 J**	**178 J**	**348 J**
Mercury	0.18	0.73	0.81	**0.026 J**	0.039 U	**2.19**	0.036 U	0.033 U	**0.069**	**0.041 J**	0.054 UJ	**0.12**	**0.81 J**	**0.0065 J**
Nickel	30	130	310	**12.1 J**	**3.17 J**	**73.8**	**8.72 J**	**8.45 J**	**5.2**	**5.4**	**10.8**	**4.1**	**9.9**	**6.7**
Potassium	NE	NE	NE	**1090 J**	**444 J**	**723 J**	**877 J**	**1100 J**	71.2 UJ	**496 J**	**1250 J**	71.3 UJ	**655 J**	**255 J**
Selenium	3.9	4	180	2.08 UJ	2.79 UJ	**1.31 J**	**0.85 J**	**1 J**	10.7 UJ	10.4 U	10.4 U	10.7 U	11.1 U	10.7 U
Silver	2	8.3	180	1.66 U	2.23 U	**2.28**	2.06 U	2.33 U	1.4 U	1.4 U	1.4 U	1.4 U	**0.11 J**	1.4 U
Sodium	NE	NE	NE	2080 UJ	2790 UJ	**332 J**	**183 J**	**262 J**	71.2 U	**187 J**	**229 J**	71.3 U	**510 J**	**67.8 J**
Thallium	NE	NE	NE	2.08 UJ	2.79 UJ	2.3 U	2.58 U	2.91 U	4.3 UJ	4.2 U	4.2 U	4.3 UJ	4.5 U	4.3 U

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Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
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Tin	NE	NE	NE	41.6 UJ	55.7 UJ	46.1 UJ	51.6 U	58.1 U	3.6 U	3.5 U	3.5 U	3.6 U	**8.3**	3.6 U
Vanadium	NE	NE	NE	**37 J**	**20.5 J**	**26.1**	**26.3**	**17.3**	**6.5 J**	**9.6 J**	**17.7 J**	**7.9 J**	**15.7 J**	**28.9 J**
Zinc	109	2480	10000	**38.5 J**	**22.4 J**	**1610**	**25.3 J**	**24.3 J**	**178**	**23.3**	**31.4**	**26.9**	**89.8**	**35.5**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.244 U	0.25 U	0.238 U	0.238 U	0.248 U	0.231 U	0.228 UJ	0.218 UJ	0.237 U	0.234 UJ	0.238 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 3					Adjacent to Parcel 3 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-241 (13-15) 7/18/2022	WW-SB-241 (39-40) 7/18/2022	WW-SB-254 (0.6-5) 7/14/2022	WW-SB-254 (16-18) 7/19/2022	WW-SB-254 (43-45) 7/19/2022	WW-MW-11 (3-5) 8/21/2009	WW-MW-11 (11-14) 8/25/2009	WW-MW-11 (39-40) 8/25/2009	WW-SB-13 (4-5) 8/21/2009	WW-SB-13 (12-15) 8/24/2009	WW-SB-13 (37-38) 8/24/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.029 UJ	2.4 U	**0.0016 J**	**1.1 J**	**2.8 J**	0.03 U	0.03 U	12 U	0.0033 UJ	**0.0009 J**
Toluene	0.7	0.7	100	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Ethylbenzene	1	1	41	**0.32 J**	2.4 U	0.0062 U	**70 J**	**120 J**	**0.1 J**	**0.3 J**	**270**	0.0033 UJ	0.0026 UJ
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0066 UJ	0.0052 UJ
Total Xylene	0.26	1.6	100	0.029 U	2.4 U	0.0062 U	7.1 UJ	**72 J**	0.03 U	0.03 U	12 U	NA	NA
Total BTEX	NE	NE	NE	**0.32**	ND	**0.0016**	**71.1**	**194.8**	**0.1**	**0.3**	**270**	ND	**0.0009**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.12 UJ	6 U	0.025 U	18 U	20 U	0.12 U	0.12 U	31 U	**0.0158 J**	**0.0613 J**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
Carbon disulfide	NE	NE	NE	0.029 UJ	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Chlorobenzene	1.1	1.1	100	0.029 UJ	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Chloroform (Trichloromethane)	0.37	0.37	49	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	**0.0022 J**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
1,1-Dichloroethane	0.27	0.27	26	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
1,1-Dichloroethene	0.33	0.33	100	0.029 UJ	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
trans-1,2-Dichloroethene	0.19	0.19	100	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
1,2-Dichloropropane	NE	NE	NE	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 R	0.0026 UJ
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.058 UJ	2.4 U	0.012 U	7.1 UJ	**230 J**	0.061 U	0.061 U	12 U	0.033 U	0.026 UJ
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 U	0.0026 UJ
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.029 UJ	2.4 UJ	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.033 U	0.026 UJ
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	**0.0023 J**
Methylene chloride	0.05	0.05	100	0.12 U	2.4 U	0.025 U	7.1 U	8.1 U	0.12 U	0.12 U	12 U	0.0165 UJ	0.013 UJ
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	**0.0008 J**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
Styrene	NE	NE	NE	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	**0.003 J**	12 U	0.0033 UJ	0.0026 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.029 UJ	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 R	0.0026 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	0.029 UJ	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 U	0.0026 UJ
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 R	0.0026 UJ
1,1,2-Trichloroethane	NE	NE	NE	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 UJ	0.0026 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Trichloroethene (TCE)	0.47	0.47	21	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0033 U	0.0026 UJ
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	0.0033 UJ	0.0026 UJ
Vinyl chloride	0.02	0.02	0.9	0.029 U	2.4 U	0.0062 U	7.1 U	8.1 U	0.03 U	0.03 U	12 U	0.0066 UJ	0.0052 UJ
Total VOCs	NE	NE	NE	**0.32**	ND	**0.0016**	**71.1**	**424.8**	**0.1**	**0.303**	**270**	**0.0158**	**0.0675**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**21**	**56 J**	**19**	**510**	**520**	**89**	**92**	**200**	**0.327**	**0.052 J**
Acenaphthylene	100	107	100	**2.5 J**	**9.9 J**	**7.4**	**29 J**	**38 J**	**15 J**	**23**	**19 J**	**2.89**	**0.0866 J**
Anthracene	100	1000	100	**8.6**	**16 J**	**12**	**160**	**190**	**55**	**83**	**54 J**	**1.26**	**0.234 J**
Benzo(a)anthracene	1	1	1	**5.9**	**15 J**	**24**	**83**	**110**	**37**	**68**	**32 J**	**3.97**	**0.709**
Benzo(b)fluoranthene	1	1.7	1	**3.3**	**9.5 J**	**23**	**76**	**74**	**27**	**50**	**21 J**	**3.65 J**	**0.603**
Benzo(k)fluoranthene	0.8	1.7	3.9	**1.6 J**	**3.4 J**	**9.9**	**25 J**	**34 J**	**10 J**	**21**	**9.5 J**	**3.68**	**0.467**
Benzo(g,h,i)perylene	100	1000	100	**1 J**	**3 J**	**29**	38 U	**29 J**	**8 J**	**14 J**	66 U	**4.35**	**0.553**
Benzo(a)pyrene	1	22	1	**4.4**	**13 J**	**30**	**70**	**99**	**32**	**60**	**28 J**	**5.81**	**0.806**
Chrysene	1	1	3.9	**5.9**	**15 J**	**24**	**82**	**100**	**37**	**67**	**31 J**	**3.75**	**0.8**
Dibenz(a,h)anthracene	0.33	1000	0.33	3.1 U	16 UJ	**6.9**	**3.7 J**	44 U	**2.5 J**	**4.3 J**	66 U	**1.16**	**0.124 J**
Fluoranthene	100	1000	100	**9.5**	**27 J**	**26**	**150**	**180**	**55**	**89**	**61 J**	**4.32**	**1.17**
Fluorene	30	386	100	**13**	**39 J**	**9.7**	**210**	**230**	**67**	**100**	**96**	**0.224 J**	**0.0646 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**1.2 J**	**3.4 J**	**31**	38 U	**29 J**	**9.4 J**	**17**	**6.5 J**	**5.05**	**0.529**
2-Methylnaphthalene	NE	NE	NE	**11**	**29 J**	**5.4**	**210**	**210**	16 U	16 U	**410**	**0.418**	**0.194 J**
Naphthalene	12	12	100	**29 J**	**56 J**	**10**	**610**	**550**	16 U	16 U	**930**	**0.732**	**0.451**
Phenanthrene	100	1000	100	**32**	**90 J**	**25**	**520**	**540**	**190**	**280**	**200**	**2.27**	**1.22**
Pyrene	100	1000	100	**14**	**40 J**	**57**	**220**	**290**	**87**	**140**	**87**	**5.05**	**1.91**
Total PAHs	NE	NE	NE	**163.9**	**425.2**	**349.3**	**2958.7**	**3223**	**720.9**	**1108.3**	**2185**	**48.911**	**9.9732**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.101 J**	**0.064 J**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.074**	**0.0578**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	3.1 U	16 UJ	**0.84 J**	38 U	44 U	16 U	16 U	66 U	**1.91 J**	0.3 U
Butyl benzyl phthalate	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	**0.606**	0.3 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.295 U	0.3 U
Carbazole	NE	NE	NE	**0.26 J**	16 UJ	**0.48 J**	**2.2 J**	44 U	**1.5 J**	**2.5 J**	66 U	**0.243 J**	**0.0325 J**
2-Chloronaphthalene	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
Dibenzofuran	7	210	59	**1.8 J**	**4.5 J**	**1.1 J**	**27 J**	**34 J**	**7.4 J**	**9.6 J**	**9.9 J**	**0.182 J**	**0.047 J**
Diethyl phthalate	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
Dimethyl phthalate	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
2,4-Dimethylphenol	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 UJ	44 UJ	16 U	16 U	66 UJ	0.295 U	0.3 R
Di-n-butyl phthalate	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
2,6-Dinitrotoluene	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
Di-n-octyl phthalate	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.591 U	0.599 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.418**	**0.194 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 R

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.295 U	0.3 R
4-Methylphenol (p-Cresol)	0.33	0.33	100	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 U
Phenol	0.33	0.33	100	3.1 U	16 UJ	3.3 U	38 U	44 U	16 U	16 U	66 U	0.295 U	0.3 R
Total SVOCs	NE	NE	NE	**165.96**	**429.7**	**351.72**	**2987.9**	**3257**	**729.8**	**1120.4**	**2194.9**	**52.027**	**10.1745**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	0.39 U	NA	2 U	NA	NA	0.04 U	0.04 U	NA	0.06 U	NA
Aroclor 1248	NE	NE	NE	0.39 U	NA	2 U	NA	NA	0.04 U	0.04 U	NA	0.06 U	NA
Aroclor 1254	NE	NE	NE	0.39 U	NA	2 U	NA	NA	0.04 U	0.04 U	NA	0.06 U	NA
Aroclor 1260	NE	NE	NE	0.39 U	NA	2 U	NA	NA	0.04 U	0.04 U	NA	**0.07**	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.06 U	NA
Total PCB Aroclors	0.1	3.2	1	ND	NA	ND	NA	NA	ND	ND	NA	**0.07**	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.04 U	NA	0.11 UJ	NA	NA	0.21 UJ	0.42 U	NA	0.0016 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.04 U	NA	0.11 UJ	NA	NA	0.21 UJ	0.42 U	NA	0.0027 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.135 J**	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	**0.0221 J**	NA
gamma-Chlordane	NE	NE	NE	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	**0.0224**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 UJ	NA	**0.006 JN**	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	**0.0029 JN**	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.04 U	NA	**0.081 J**	NA	NA	0.21 U	0.42 UJ	NA	0.0027 U	NA

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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Dieldrin	0.005	0.1	0.2	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	**0.0052 JN**	NA
alpha-Endosulfan (I)	2.4	102	24	0.04 U	NA	0.11 UJ	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
beta-Endosulfan (II)	2.4	102	24	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Endosulfan sulfate	2.4	1000	24	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Endrin	0.014	0.06	11	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Endrin aldehyde	NE	NE	NE	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	**0.0034 JN**	NA
Endrin ketone	NE	NE	NE	0.04 U	NA	**0.099 J**	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Heptachlor	0.042	0.38	2.1	0.04 U	NA	0.11 U	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Heptachlor epoxide	NE	NE	NE	0.04 U	NA	0.11 UJ	NA	NA	0.21 U	0.42 U	NA	0.0027 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	0.0027 U	NA
Methoxychlor	NE	NE	NE	0.077 U	NA	0.2 U	NA	NA	0.4 U	0.81 UJ	NA	0.0027 U	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.093 U	NA	0.099 UJ	NA	NA	0.49 UJ	0.098 UJ	NA	0.207 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.207 U	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	20.7 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	20.5 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.023 U	NA	0.025 UJ	NA	NA	0.12 UJ	0.025 U	NA	0.01 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.023 U	NA	0.025 UJ	NA	NA	0.12 UJ	0.025 U	NA	0.01 U	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**7690**	**4450**	**1250**	**1670 J**	**3400 J**	**6820**	**6650**	**8110**	**6680 J**	**10900**
Antimony	NE	NE	NE	4.7 UJ	4.7 UJ	5 UJ	5.6 UJ	6.5 UJ	5 UJ	4.8 UJ	5.1 UJ	2.63 UJ	2.49 U
Arsenic	13	16	16	6 U	6 U	**4.3**	**88.2 J**	**207 J**	6.3 UJ	6.2 U	6.5 U	**8.17**	**3.51**
Barium	350	820	400	**33.6**	**19.3**	**51 J**	**13.4 J**	**32 J**	**46.6**	**52.3**	**30.7**	**180 J**	**81.6**
Beryllium	7.2	47	72	1.4 U	1.4 U	1.5 U	1.7 U	2 UJ	1.5 UJ	1.5 U	1.5 U	**0.44 J**	**0.5 J**
Cadmium	2.5	7.5	4.3	**0.57 J**	**0.33 J**	**0.41 J**	**0.63 J**	**1.9 J**	**1.6 J**	**0.87 J**	**0.79 J**	**2.3 J**	1.99 U
Calcium	NE	NE	NE	71.5 UJ	**874 J**	**4660**	**686 J**	**2260 J**	**3230 J**	**2910 J**	**743 J**	**24100 J**	**45200 J**
Chromium	30	NE	180	**12.8 J**	**9.2 J**	**5.4**	**11.3 J**	**30.2 J**	**13 J**	**11.1 J**	**15.5 J**	**20.3 J**	**9.76 J**
Cobalt	NE	NE	NE	**5.1**	**5.5**	1.5 U	**6.4 J**	**15.2 J**	**5.8**	**5.7**	**6.9**	**7.18 J**	**2.26 J**
Copper	50	1720	270	**11.7**	**7.5**	**29.6**	**86.9 J**	**233 J**	**36.4**	**36.6**	**13**	**60.8 J**	**14.1 J**
Iron	NE	NE	NE	**14500**	**9600**	**19100 J**	**11700 J**	**36300 J**	**32300 J**	**15800 J**	**20200**	**16100 J**	**9660**
Lead	63	450	400	**11.1 J**	**5.8 J**	**108**	**233 J**	**576 J**	**219 J**	**243 J**	**10.3 J**	**279 J**	**27.7 J**
Magnesium	NE	NE	NE	**2020**	**1720**	**1450**	**197 J**	**894 J**	**1830**	**1830**	**2160**	**4750 J**	**9240**
Manganese	1600	2000	2000	**131**	**112**	**19.6**	**150 J**	**453 J**	**268**	**180**	**230**	**256 J**	**327**
Mercury	0.18	0.73	0.81	**0.015 J**	0.059 U	**0.22 J**	**0.42 J**	**0.86 J**	**0.18**	**0.19**	**0.014 J**	**0.392 J**	**0.064**
Nickel	30	130	310	**11.8**	**11.4**	**4.1 J**	**23.2 J**	**40.9 J**	**14.5**	**13.3**	**12.7**	**19.3 J**	**8.53 J**
Potassium	NE	NE	NE	**699 J**	**540 J**	**128 J**	**81.7 J**	**219 J**	**793 J**	**796 J**	**868 J**	**1750 J**	**2770 J**
Selenium	3.9	4	180	10.7 R	10.7 R	11.4 UJ	12.7 UJ	14.9 UJ	11.3 R	11 R	11.5 R	**0.57 J**	2.49 U
Silver	2	8.3	180	1.4 U	1.4 U	1.5 U	1.7 U	2 UJ	1.5 UJ	1.5 U	1.5 U	2.1 U	1.99 U
Sodium	NE	NE	NE	**249**	**139**	76.1 UJ	**419 J**	**698**	**177 J**	**178**	**296**	**685 J**	**1760 J**
Thallium	NE	NE	NE	4.3 UJ	4.3 UJ	4.6 U	5.1 U	6 UJ	4.5 UJ	4.4 UJ	4.6 UJ	2.63 U	2.49 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Tin	NE	NE	NE	3.6 U	3.6 U	**9.5**	**10.8**	**27.5**	**7.1**	**7.3**	3.8 U	52.5 U	49.7 U
Vanadium	NE	NE	NE	**18.3**	**12.9**	**5**	**5.9 J**	**15.9 J**	**21.5**	**19**	**24.5**	**23.5 J**	**15.8**
Zinc	109	2480	10000	**32.1**	**21.2**	**15.9**	**311 J**	**539 J**	**317**	**345**	**31.1**	**319 J**	**22.3 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.229 UJ	0.234 UJ	0.241 UJ	0.283 UJ	0.321 UJ	0.242 UJ	0.24 UJ	0.238 UJ	0.229 U	0.227 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 3 - N.12th St								Parcel 4	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-10 (4-5) 9/8/2009	WW-MW-10 (10-11.5) 9/8/2009	WW-MW-13 (2-5) 9/15/2009	WW-MW-13 (5-10) 9/15/2009	Duplicate of WW-MW-13 (5-10) 9/15/2009	WW-SB-14 (1-5) 9/11/2009	Duplicate of WW-SB-14 (1-5) 9/11/2009	WW-SB-14 (10-11) 9/11/2009	WW-MW-201 (0-5) 8/2/2022	WW-MW-201 (5-10) 8/3/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	**10.3**	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	**0.0365**	**143**	**0.0018**
Toluene	0.7	0.7	100	**10.3**	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	**0.0117**	**95**	**0.0014**
Ethylbenzene	1	1	41	**161**	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	**0.0058**	**615**	**0.0028**
o-Xylene	0.26	1.6	100	**116**	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	**0.0106**	**291**	**0.0035**
m/p-Xylene	0.26	1.6	100	**219**	0.0049 U	0.0011 UJ	0.0012 U	0.0013 U	0.008 U	**0.0087**	**440**	**0.0095**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**516.6**	ND	ND	ND	ND	ND	**0.0733**	**1584**	**0.019**
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	89.8 U	0.0247 U	0.0064 U	**0.041**	**0.042**	**0.0458 J**	0.0383 UJ	89.9 U	**0.023**
n-Butylbenzene	12	12	100	**11.4**	0.0025 U	NA	NA	NA	0.004 U	0.0038 U	**20.1**	NA
sec-Butylbenzene	11	11	100	3.59 U	0.0025 U	NA	NA	NA	0.004 U	0.0038 U	**3.59**	NA
tert-Butylbenzene	5.9	5.9	100	3.59 U	0.0025 U	NA	NA	NA	0.004 U	0.0038 U	3.59 U	NA
Carbon disulfide	NE	NE	NE	3.59 U	0.0025 U	**0.00049 J**	0.0012 U	0.0013 U	0.004 U	**0.0021 J**	3.59 U	**0.0023**
Chlorobenzene	1.1	1.1	100	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
Chloroform (Trichloromethane)	0.37	0.37	49	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
Cyclohexane	NE	NE	NE	**7.11**	0.0025 U	0.0011 U	0.0012 U	0.0013 U	**0.0014 J**	**0.006**	**26.1**	0.0012 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**16.1**	0.0025 U	NA	NA	NA	0.004 U	**0.0136**	**27.1**	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	21.6 UJ	0.0025 U	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.004 U	0.0038 UJ	21.6 U	0.0012 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,1-Dichloroethane	0.27	0.27	26	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,1-Dichloroethene	0.33	0.33	100	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
cis-1,2-Dichloroethene	0.25	0.25	100	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
trans-1,2-Dichloroethene	0.19	0.19	100	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,2-Dichloropropane	NE	NE	NE	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
Isopropylbenzene	NE	NE	NE	**30.8**	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	**0.0082**	**77.3**	0.0012 U
Methyl acetate	NE	NE	NE	35.9 U	0.0025 U	0.0053 U	0.006 U	0.0063 U	0.004 U	0.0038 U	35.9 U	0.0061 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	89.8 U	0.0247 U	0.0053 U	0.006 U	0.0063 U	0.04 U	**0.0161 J**	89.9 U	**0.0038 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	35.9 U	0.0247 U	0.0053 U	0.006 U	0.0063 U	0.04 U	0.0383 U	35.9 U	0.0061 U
Methylcyclohexane	NE	NE	NE	**12.6**	0.0025 U	0.0011 U	0.0012 U	0.0013 U	**0.0041**	**0.0204**	**53.8**	0.0012 U
Methylene chloride	0.05	0.05	100	18 U	0.0123 U	0.0021 U	0.0024 U	0.0025 U	0.02 U	0.0191 U	18 U	0.0024 U
Naphthalene	12	12	100	**2400**	**0.0051**	NA	NA	NA	0.004 U	**0.0196**	**7010**	NA
n-Propylbenzene	3.9	3.9	100	**10.6**	0.0025 U	NA	NA	NA	0.004 U	**0.006**	**42.3**	NA
Styrene	NE	NE	NE	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	**8.27**	0.0012 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
Tetrachloroethene (PCE)	1.3	1.3	19	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
Tetrahydrofuran	NE	NE	NE	NA	0.0025 U	NA	NA	NA	0.004 U	0.0038 U	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,1,2-Trichloroethane	NE	NE	NE	3.59 U	0.0025 U	0.0011 UJ	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4								
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30)	WW-MW-201 (45-50)	WW-MW-201D (43-45)	WW-MW-201D (66-68)	Duplicate of WW-MW-201D (66-68)	WW-MW-202 (0-5)	WW-MW-202 (8-10)	WW-MW-202 (20-22)	WW-MW-202 (40-42)
Sample Depth (feet)												
Sample Date				8/3/2022	8/3/2022	8/12/2024	8/12/2024	8/12/2024	7/22/2022	8/1/2022	8/1/2022	8/7/2024
Trichloroethene (TCE)	0.47	0.47	21	3.59 U	0.0025 U	0.0011 U	0.0012 U	0.0013 U	0.004 U	0.0038 U	3.59 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**166**	0.0025 U	NA	NA	NA	0.004 U	**0.0145**	**379**	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**68**	0.0025 U	NA	NA	NA	0.004 U	**0.0024 J**	**110**	NA
Vinyl chloride	0.02	0.02	0.9	3.59 U	0.0049 U	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.008 U	0.0077 U	3.59 U	0.0012 U
Total VOCs	NE	NE	NE	**3239.21**	**0.0051**	**0.00049**	**0.041**	**0.042**	**0.0513**	**0.1822**	**9341.56**	**0.0481**
PAHs (mg/kg)												
Acenaphthene	20	98	100	**42.9**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.354**	**49**	**600**	0.36 U
Acenaphthylene	100	107	100	**15.8**	0.286 U	0.36 UJ	0.35 U	0.35 U	**3.08**	**13.2**	**715**	**0.014 J**
Anthracene	100	1000	100	**55.7**	0.286 U	0.36 UJ	0.35 U	0.35 U	**1.56**	**30.2**	**820**	**0.017 J**
Benzo(a)anthracene	1	1	1	**44.9**	0.286 U	0.036 UJ	0.035 U	0.035 U	**5.03**	**39.1**	**583**	0.036 U
Benzo(b)fluoranthene	1	1.7	1	**26**	0.286 U	0.036 UJ	0.035 U	0.035 U	**5.53**	**23.6**	**251**	0.036 U
Benzo(k)fluoranthene	0.8	1.7	3.9	**25.1**	0.286 U	0.036 UJ	0.035 U	0.035 U	**4.6**	**25**	**225**	0.036 U
Benzo(g,h,i)perylene	100	1000	100	**12.6**	0.286 U	0.36 U	0.35 U	0.35 U	**6.12**	**21.8**	**150**	0.36 U
Benzo(a)pyrene	1	22	1	**39.8**	0.286 U	0.036 UJ	0.035 U	0.035 U	**8.28**	**44.2**	**471**	0.036 U
Chrysene	1	1	3.9	**42**	0.286 U	0.36 UJ	0.35 U	0.35 U	**4.76**	**38.9**	**520**	0.36 U
Dibenz(a,h)anthracene	0.33	1000	0.33	**4.84**	0.286 U	0.036 UJ	0.035 U	0.035 U	**1.43**	**6.39**	**51**	0.036 U
Fluoranthene	100	1000	100	**82.4**	0.286 U	0.36 UJ	0.35 U	0.35 U	**4.48**	**61.4**	**1200**	**0.021 J**
Fluorene	30	386	100	**34.3**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.283 J**	**6.03**	**879**	**0.024 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**17.1**	0.286 U	0.036 UJ	0.035 U	0.035 U	**7.05**	**25.3**	**184**	0.036 U
2-Methylnaphthalene	NE	NE	NE	**74**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.865**	**4.39**	**2680**	**0.064 J**
Naphthalene	12	12	100	**303**	**0.0477 J**	0.36 UJ	0.35 U	0.35 U	**1.56**	**9.49**	**7570**	**0.4**
Phenanthrene	100	1000	100	**105**	0.286 U	0.36 UJ	0.35 U	0.35 U	**2.46**	**15.4**	**2920**	**0.066 J**
Pyrene	100	1000	100	**88.9**	0.286 U	0.36 UJ	0.35 U	**0.0095 J**	**6.38**	**144**	**1290**	**0.019 J**
Total PAHs	NE	NE	NE	**1014.34**	**0.0477**	ND	ND	**0.0095**	**63.822**	**557.4**	**21109**	**0.625**
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.146 J**	3.55 U	5.5 U	0.36 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**9.5**	0.0286 U	0.36 UJ	0.35 U	0.35 U	**0.148**	**1.78**	**248**	0.36 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.144 J**	3.55 U	5.5 U	0.36 U
Butyl benzyl phthalate	NE	NE	NE	**0.195 J**	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	**17.1**	0.36 U
Caprolactam	NE	NE	NE	0.877 U	0.286 U	0.36 U	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Carbazole	NE	NE	NE	**10.2**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.229 J**	**0.795 J**	**139**	0.36 U
2-Chloronaphthalene	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Dibenzofuran	7	210	59	**26.9**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.285**	**2.81 J**	**365**	**0.02 J**
Diethyl phthalate	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Dimethyl phthalate	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
2,4-Dimethylphenol	NE	NE	NE	**0.353 J**	0.286 U	0.36 U	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Di-n-butyl phthalate	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
2,6-Dinitrotoluene	NE	NE	NE	0.877 U	0.286 U	0.074 UJ	0.071 U	0.071 U	0.285 U	3.55 U	5.5 U	0.072 U
Di-n-octyl phthalate	NE	NE	NE	1.75 U	0.572 U	0.36 U	0.35 U	0.35 U	0.569 U	7.09 U	11 U	0.36 U
2-Methylnaphthalene	NE	NE	NE	**74**	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.865**	**4.39**	**2680**	**0.064 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	**0.0443 J**	3.55 U	5.5 U	0.36 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.209 J**	0.286 U	NA	NA	NA	**0.0878 J**	3.55 U	5.5 U	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	0.36 U	0.35 U	0.35 U	NA	NA	NA	0.36 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Phenol	0.33	0.33	100	0.877 U	0.286 U	0.36 UJ	0.35 U	0.35 U	0.285 U	3.55 U	5.5 U	0.36 U
Total SVOCs	NE	NE	NE	**1061.697**	**0.0477**	ND	ND	**0.0095**	**64.9061**	**562.785**	**21878.1**	**0.645**
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4								
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30)	WW-MW-201 (45-50)	WW-MW-201D (43-45)	WW-MW-201D (66-68)	Duplicate of WW-MW-201D (66-68)	WW-MW-202 (0-5)	WW-MW-202 (8-10)	WW-MW-202 (20-22)	WW-MW-202 (40-42)
Sample Depth (feet)				8/3/2022	8/3/2022	8/12/2024	8/12/2024	8/12/2024	7/22/2022	8/1/2022	8/1/2022	8/7/2024
Sample Date												
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)												
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	0.03 U	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	0.03 U	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	0.03 U	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	**0.07**	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	0.03 U	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	**0.07**	NA	NA	NA
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	0.0017 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0498 J**	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	**0.0068**	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	**0.0048**	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	**0.0018 J**	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	**0.0076 J**	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	0.0028 U	NA	NA	NA
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	0.207 U	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	0.207 U	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	**4.58 J**	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	20.4 U	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA
Metals (mg/kg)												
Aluminum	NE	NE	NE	**11200**	**4620**	**1560 J**	**5810 J**	**6040 J**	**4560**	**6180**	**4600**	**5930**
Antimony	NE	NE	NE	4.1 U	2.5 U	0.88 U	0.82 U	0.8 U	2.09 U	2.78 U	3.68 U	**0.15 J**
Arsenic	13	16	16	**14.1**	**1.68 J**	**0.77 J**	**4.6**	**6.6**	**8.26**	**19.1**	**4.82**	**2.9**
Barium	350	820	400	**96.5**	**34.3**	**12**	**14.9**	**15.5**	**64.9**	**195**	**25.1 J**	**49.3**
Beryllium	7.2	47	72	**0.61 J**	**0.61 J**	**0.12 J**	**0.6**	**0.59**	**0.27 J**	**0.97 J**	**0.4 J**	**0.52**
Cadmium	2.5	7.5	4.3	3.28 U	2 U	0.88 U	0.82 U	0.8 U	1.67 U	2.22 U	**1.26 J**	0.82 U
Calcium	NE	NE	NE	**18200 J**	**6220 J**	**1500 J**	**825 J**	**435 J**	**15500**	**5910**	**69900**	**5860**
Chromium	30	NE	180	**22.7**	**13**	**4.4**	**19.7**	**27.5**	**19.7**	**13.9**	**9.27 J**	**15.9**
Cobalt	NE	NE	NE	**7.51 J**	**7.93 J**	**2.3**	**8.2**	**6.8**	**4.07 J**	**21.5**	**2.57 J**	**7.3**
Copper	50	1720	270	**30 J**	**9.86 J**	**3.1**	**15.7**	**16.1**	**34.5**	**101**	**16 J**	**27.9**
Iron	NE	NE	NE	**31600**	**36500**	**8290**	**73900 J**	**30200 J**	**11600**	**28500**	**6620**	**42900**
Lead	63	450	400	**613**	**8.78 J**	**2.3**	**7.3**	**7.8**	**132**	**640**	**39.2 J**	**6.8**
Magnesium	NE	NE	NE	**4730**	**3630**	**1090 J**	**986 J**	**669 J**	**4420**	**1500**	**5560**	**3400**
Manganese	1600	2000	2000	**511**	**751**	**174 J**	**565 J**	**615 J**	**163**	**165**	**181**	**584**
Mercury	0.18	0.73	0.81	**0.507**	**0.007 J**	NA	NA	NA	**0.322**	**0.555**	**1.02**	
Nickel	30	130	310	**22.5 J**	**10.7 J**	**3.6**	**8.5**	**8**	**14.8 J**	**37.1**	**6.27 J**	**10.8**
Potassium	NE	NE	NE	**2360 J**	**887 J**	**354**	**450**	**341**	**880 J**	**797 J**	**976 J**	**1070**
Selenium	3.9	4	180	4.1 U	2.5 U	1.1 U	**0.23 J**	**0.41 J**	2.09 U	**2.93 J**	3.68 UJ	**0.13 J**
Silver	2	8.3	180	3.28 U	2 U	0.35 U	0.33 U	0.32 U	1.67 U	2.22 U	2.94 U	0.33 U
Sodium	NE	NE	NE	**2710 J**	**950 J**	**928**	**801**	**742**	2090 U	**779 J**	**2700 J**	**773**
Thallium	NE	NE	NE	4.1 U	2.5 U	**0.036 J**	**0.044 J**	**0.042 J**	2.09 U	2.78 U	3.68 U	**0.082 J**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
Tin	NE	NE	NE	81.9 U	50 U	7 U	6.6 U	6.4 U	41.8 U	55.6 U	73.5 U	6.5 U
Vanadium	NE	NE	NE	**33.5**	**30.4**	**7.4**	**37.3**	**43.8**	**17.1**	**24.9**	**7.1 J**	**43**
Zinc	109	2480	10000	**98.8**	**39.7**	**11.2**	**39.6**	**50.6**	**172**	**359**	**32 J**	**34**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	0.368 U	0.221 U	1.2 U	**0.97 J**	**1.3**	0.227 U	0.251 U	0.331 U	**1.2**
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-201 (27-30) 8/3/2022	WW-MW-201 (45-50) 8/3/2022	WW-MW-201D (43-45) 8/12/2024	WW-MW-201D (66-68) 8/12/2024	Duplicate of WW-MW-201D (66-68) 8/12/2024	WW-MW-202 (0-5) 7/22/2022	WW-MW-202 (8-10) 8/1/2022	WW-MW-202 (20-22) 8/1/2022	WW-MW-202 (40-42) 8/7/2024
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Toluene	0.7	0.7	100	0.0026 U	**0.0032**	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	**0.00036 J**
Ethylbenzene	1	1	41	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
o-Xylene	0.26	1.6	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
m/p-Xylene	0.26	1.6	100	0.0051 U	0.0016 U	0.0074 UJ	0.0084 U	0.006 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	**0.0032**	ND	ND	ND	ND	ND	ND	**0.00036**
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	0.0255 U	**0.039**	**0.039 J**	0.0418 U	0.0298 U	0.0053 U	**0.0087**	**0.014**	**0.012**
n-Butylbenzene	12	12	100	0.0026 U	NA	0.0037 UJ	0.0042 U	0.003 U	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	0.0026 U	NA	0.0037 UJ	**0.0093**	0.003 U	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.0026 U	NA	0.0037 UJ	**0.0014 J**	0.003 U	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.0026 U	**0.00082 J**	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	**0.0011**	**0.0006 J**	**0.001 J**
Chlorobenzene	1.1	1.1	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Cyclohexane	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0026 U	NA	0.0037 UJ	0.0042 U	0.003 U	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0026 U	0.0016 UJ	0.0037 UJ	0.0042 UJ	0.003 UJ	0.00089 UJ	0.001 UJ	0.0014 U	0.0011 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,1-Dichloroethane	0.27	0.27	26	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,1-Dichloroethene	0.33	0.33	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,2-Dichloropropane	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Isopropylbenzene	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	**0.0051**	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Methyl acetate	NE	NE	NE	0.0026 U	0.0078 U	0.0037 UJ	0.0042 U	0.003 U	0.0045 U	0.0052 U	0.0068 U	0.0056 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0255 U	**0.0087**	0.0368 UJ	**0.0069 J**	0.0298 U	0.0045 U	0.0052 U	0.0068 U	0.0056 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0255 U	0.0078 U	0.0368 UJ	0.0418 U	0.0298 U	0.0045 U	0.0052 U	0.0068 U	0.0056 U
Methylcyclohexane	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Methylene chloride	0.05	0.05	100	0.0128 U	0.0031 U	0.0184 UJ	0.0209 U	0.0149 U	0.0018 U	0.0021 U	0.0027 U	0.0022 U
Naphthalene	12	12	100	0.0026 U	NA	0.0037 UJ	**0.0445**	0.003 U	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	0.0026 U	NA	0.0037 UJ	**0.002 J**	0.003 U	NA	NA	NA	NA
Styrene	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
Tetrahydrofuran	NE	NE	NE	0.0026 U	NA	0.0037 UJ	0.0042 U	0.003 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,1,2-Trichloroethane	NE	NE	NE	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Trichloroethene (TCE)	0.47	0.47	21	0.0026 U	0.0016 U	0.0037 UJ	0.0042 U	0.003 U	0.00089 U	0.001 U	0.0014 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0026 U	NA	0.0037 UJ	0.0042 U	0.003 U	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0026 U	NA	0.0037 UJ	0.0042 U	0.003 U	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0051 U	0.0016 U	0.0074 UJ	0.0084 U	0.006 U	0.00089 UJ	0.001 UJ	0.0014 U	0.0011 U
Total VOCs	NE	NE	NE	ND	**0.05172**	**0.039**	**0.0692**	ND	ND	**0.0098**	**0.0146**	**0.01336**
PAHs (mg/kg)												
Acenaphthene	20	98	100	0.294 U	0.37 U	**0.335 J**	**0.599**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Acenaphthylene	100	107	100	0.294 U	0.37 U	**1.47**	**0.323**	0.281 U	0.34 U	0.36 U	0.37 U	0.37 U
Anthracene	100	1000	100	0.294 U	0.37 U	**7.21**	**1.16**	0.281 U	0.34 U	**0.012 J**	0.37 UJ	0.37 U
Benzo(a)anthracene	1	1	1	0.294 U	0.037 U	**5.79**	**3.01**	0.281 U	0.034 U	**0.042**	0.037 UJ	0.037 U
Benzo(b)fluoranthene	1	1.7	1	0.294 U	0.037 U	**4.92**	**2.1**	0.281 U	0.034 U	**0.049**	0.037 UJ	0.037 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.294 U	0.037 U	**3.53**	**2.13**	0.281 U	0.034 U	**0.021 J**	0.037 UJ	0.037 U
Benzo(g,h,i)perylene	100	1000	100	0.294 U	0.37 U	**3.47**	**1.17**	0.281 U	0.34 U	**0.029 J**	0.37 U	0.37 U
Benzo(a)pyrene	1	22	1	0.294 U	0.037 U	**6.03**	**3.05**	0.281 U	0.034 U	**0.041**	0.037 UJ	0.037 U
Chrysene	1	1	3.9	0.294 U	0.37 U	**5.84**	**2.4**	0.281 U	0.34 U	**0.037 J**	0.37 UJ	0.37 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.294 U	0.037 U	**0.787**	**0.532**	0.281 U	0.034 U	0.036 U	0.037 U	0.037 U
Fluoranthene	100	1000	100	0.294 U	0.37 U	**12.2**	**2.99**	0.281 U	0.34 U	**0.077 J**	0.37 UJ	0.37 U
Fluorene	30	386	100	0.294 U	0.37 U	**1.45**	**0.785**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.294 U	0.037 U	**4.21**	**1.65**	0.281 U	0.034 U	**0.029 J**	0.037 UJ	0.037 U
2-Methylnaphthalene	NE	NE	NE	**0.0201 J**	0.37 U	**0.338 J**	**0.0991 J**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Naphthalene	12	12	100	**0.0964 J**	0.37 U	**0.396**	**0.173 J**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Phenanthrene	100	1000	100	0.294 U	0.37 U	**9.72**	**2.02**	0.281 U	0.34 U	**0.05 J**	0.37 UJ	0.37 U
Pyrene	100	1000	100	0.294 U	0.37 U	**9.85**	**2.9**	0.281 U	0.34 U	**0.059 J**	0.37 U	0.37 U
Total PAHs	NE	NE	NE	**0.1165**	ND	**77.546**	**27.0911**	ND	ND	**0.446**	ND	ND
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	0.294 U	0.37 U	0.716 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0294 U	0.37 U	**0.148 J**	**0.0318**	0.0281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Butyl benzyl phthalate	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Caprolactam	NE	NE	NE	0.294 U	0.37 U	0.358 U	**0.543**	0.281 U	0.34 U	0.36 U	0.37 U	0.37 U
Carbazole	NE	NE	NE	0.294 U	0.37 U	**1.03**	**0.242 J**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
2-Chloronaphthalene	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Dibenzofuran	7	210	59	0.294 U	0.37 U	**0.747**	**0.414**	0.281 U	0.34 U	0.36 U	0.37 U	0.37 U
Diethyl phthalate	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Dimethyl phthalate	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
2,4-Dimethylphenol	NE	NE	NE	0.294 U	0.37 U	0.358 R	0.314 U	0.281 U	0.34 U	0.36 U	0.37 U	0.37 U
Di-n-butyl phthalate	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
2,6-Dinitrotoluene	NE	NE	NE	0.294 U	0.076 U	0.358 U	0.314 U	0.281 U	0.069 U	0.074 U	0.075 UJ	0.074 U
Di-n-octyl phthalate	NE	NE	NE	0.588 U	0.37 U	0.358 U	0.628 U	0.561 U	0.34 U	0.36 U	0.37 UJ	0.37 U
2-Methylnaphthalene	NE	NE	NE	**0.0201 J**	0.37 U	**0.338 J**	**0.0991 J**	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.294 U	0.37 U	0.358 R	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.294 U	NA	0.716 R	0.314 U	0.281 U	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	0.37 U	NA	NA	NA	0.34 U	0.36 U	0.37 UJ	0.37 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.294 U	0.37 U	0.358 U	0.314 U	0.281 U	0.34 U	0.36 U	0.37 UJ	0.37 U
Phenol	0.33	0.33	100	0.294 U	0.37 U	0.358 R	0.314 U	0.281 U	0.34 U	0.36 U	0.37 U	0.37 U
Total SVOCs	NE	NE	NE	**0.1165**	ND	**79.471**	**28.3219**	ND	ND	**0.446**	ND	ND
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)												
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	NA	NA	NA
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0016 U	NA	NA	NA	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.0136 J**	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0014 J**	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.001 J**	NA	NA	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0042 J**	NA	NA	NA	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0026 UJ	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	NA	NA
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.197 U	NA	NA	NA	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.197 U	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	19.7 U	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	19.4 U	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.01 U	NA	NA	NA	NA	NA	NA
Metals (mg/kg)												
Aluminum	NE	NE	NE	**5170**	**8640**	**4690**	**10000**	**7380**	**4660 J**	**5620 J**	**2560 J**	**2190 J**
Antimony	NE	NE	NE	2.29 U	0.86 U	2.4 UJ	2.99 U	2.6 U	0.94 U	1 U	1.1 U	1 U
Arsenic	13	16	16	**1.05 J**	**2.6**	**3.59 J**	**2.72 J**	**1.62 J**	**2.1**	**1**	**1.2**	**0.8 J**
Barium	350	820	400	**27**	**25.7**	**43.9**	**56.2**	**51.6**	**59.5**	**55.8**	**13.9**	**25.6**
Beryllium	7.2	47	72	**0.47 J**	**0.6**	**0.26 J**	**0.49 J**	**0.52 J**	**0.33 J**	**0.31 J**	**0.2 J**	**0.17 J**
Cadmium	2.5	7.5	4.3	1.83 U	0.86 U	1.92 U	2.4 U	2.08 U	0.94 U	1 U	1.1 U	1 U
Calcium	NE	NE	NE	**7690**	**1260**	**48000 J**	**2780 J**	**705 J**	**1250 J**	**12700 J**	**1190 J**	**4170 J**
Chromium	30	NE	180	**13.1**	**21.9**	**13.2 J**	**15.7 J**	**19.2 J**	**15.8**	**12.3**	**7.7**	**5.6**
Cobalt	NE	NE	NE	**6.37 J**	**7.9**	**2.73 J**	**6.37 J**	**3.96 J**	**6.7**	**5.1**	**4**	**2.9**
Copper	50	1720	270	**12 J**	**15**	**25.7 J**	**14.6 J**	**12.6 J**	**13.8**	**10.6**	**7.3**	**6.4**
Iron	NE	NE	NE	**16400**	**26000**	**8500 J**	**19900 J**	**30800 J**	**29100**	**11700**	**16900**	**10200**
Lead	63	450	400	**6.23 J**	**9.5**	**49 J**	**30.2 J**	**8.24 J**	**4.8**	**3.7**	**3.7**	**2.7**
Magnesium	NE	NE	NE	**4410**	**2440**	**11700 J**	**2590 J**	**2930 J**	**1870 J**	**7350 J**	**1450 J**	**2250 J**
Manganese	1600	2000	2000	**354**	**467**	**131**	**414**	**192**	**133 J**	**258 J**	**427 J**	**243 J**
Mercury	0.18	0.73	0.81	0.03 U		**0.114**	**0.075**	0.036 U				
Nickel	30	130	310	**10.3 J**	**12.3**	**10.9 J**	**11.1 J**	**12.6 J**	**9.4**	**11.4**	**5.8**	**6**
Potassium	NE	NE	NE	**1170 J**	**1350**	2400 UJ	**1230 J**	**1850 J**	**1490**	**1920**	**517**	**697**
Selenium	3.9	4	180	2.29 UJ	**0.22 J**	2.4 U	**1.3 J**	**1 J**	**0.18 J**	1.3 U	1.3 U	1.3 U
Silver	2	8.3	180	1.83 U	0.34 U	1.92 U	2.4 U	2.08 U	0.38 U	0.41 U	0.42 U	0.41 U
Sodium	NE	NE	NE	**1350 J**	**1330**	2400 U	**315 J**	**600 J**	**322**	**1310**	**504**	**594**
Thallium	NE	NE	NE	2.29 U	**0.15 J**	2.4 U	2.99 U	2.6 U	**0.13 J**	**0.11 J**	0.42 U	0.41 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Tin	NE	NE	NE	45.8 U	6.8 U	48 UJ	59.9 U	52 U	7.5 U	**1.3 J**	8.4 U	8.1 U
Vanadium	NE	NE	NE	**21**	**31.8**	**10.2**	**25.5**	**37.2**	**25.7**	**19.2**	**15.4**	**11.1**
Zinc	109	2480	10000	**33.1**	**36.1**	**75.2 J**	**35.1 J**	**41.2 J**	**31.1**	**27.2**	**14.7**	**11.3**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	0.23 U	1.2 U	0.209 U	0.256 U	0.222 U	1.1 U	1.2 U	1.2 U	**1.2**
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-202 (50-52) 8/1/2022	WW-MW-202D (70-72) 8/7/2024	WW-MW-203 (0-5) 7/20/2022	WW-MW-203 (10-12) 7/27/2022	WW-MW-203 (22-24) 7/27/2022	WW-MW-203D (38-40) 8/15/2024	WW-MW-203D (68-70) 8/15/2024	WW-MW-207D (42-44) 8/14/2024	WW-MW-207D (60-62) 8/14/2024
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5)	Duplicate of WW-SB-211 (0.5-5)	WW-SB-211 (5-10)	WW-SB-211 (10-12)	WW-SB-211 (30-35)	WW-SB-212 (1.5-5)	WW-SB-212 (10-15)	WW-SB-212 (75-76)	WW-SB-213 (0-5)	WW-SB-213 (5-10)
Sample Depth (feet)													
Sample Date				8/3/2022	8/3/2022	8/8/2022	8/8/2022	8/8/2022	8/10/2022	8/11/2022	8/11/2022	8/2/2022	8/3/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0041 U	0.0037 UJ	**0.0134**	**0.654**	0.0034 U	0.0044 U	**0.011 J**	0.0019 U	0.0038 U	**0.0107**
Toluene	0.7	0.7	100	0.0041 U	0.0037 UJ	**0.0135**	0.224 U	0.0034 U	0.0044 U	0.0042 UJ	0.0019 U	0.0038 U	**0.0067**
Ethylbenzene	1	1	41	0.0041 U	0.0037 UJ	**0.0065**	**0.501**	0.0034 U	0.0044 UJ	**0.0074 J**	0.0019 U	0.0038 U	**0.0009 J**
o-Xylene	0.26	1.6	100	0.0041 U	0.0037 UJ	**0.0245**	**0.121 J**	0.0034 U	0.0044 UJ	**0.0099 J**	0.0019 U	0.0038 U	**0.0012 J**
m/p-Xylene	0.26	1.6	100	0.0083 U	0.0074 UJ	**0.0341**	0.448 U	0.0068 U	0.0088 UJ	**0.0206 J**	0.0037 U	0.0076 U	**0.0024 J**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	**0.092**	**1.276**	ND	ND	**0.0489**	ND	ND	**0.0219**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0415 U	0.0372 UJ	**0.152 J**	5.6 U	0.034 UJ	**0.0779 J**	0.0416 U	0.0185 UJ	**0.011 J**	**0.0166**
n-Butylbenzene	12	12	100	0.0041 U	0.0037 UJ	**0.0089**	**4.04**	0.0034 U	0.0044 UJ	**0.154 J**	0.0019 U	0.0038 U	0.0015 U
sec-Butylbenzene	11	11	100	0.0041 U	0.0037 UJ	**0.0062**	**2.01**	0.0034 U	0.0044 UJ	**0.131 J**	0.0019 U	0.0038 U	0.0015 U
tert-Butylbenzene	5.9	5.9	100	0.0041 U	0.0037 UJ	0.0053 U	**0.233**	0.0034 U	0.0044 UJ	**0.0139**	0.0019 U	0.0038 U	0.0015 U
Carbon disulfide	NE	NE	NE	**0.0171**	**0.01 J**	0.0053 U	0.224 U	0.0034 U	**0.0023 J**	**0.0021 J**	0.0019 U	0.0038 U	**0.0007 J**
Chlorobenzene	1.1	1.1	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 UJ	0.0042 U	0.0019 U	0.0038 U	0.0015 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	**0.0017**
Cyclohexane	NE	NE	NE	0.0041 U	0.0037 UJ	**0.0018 J**	**0.73**	0.0034 U	0.0044 UJ	**0.0778 J**	0.0019 U	0.0038 U	**0.0006 J**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0041 U	0.0037 UJ	**0.0026 J**	**0.125 J**	0.0034 U	0.0044 UJ	**0.0023 J**	0.0019 U	0.0038 U	0.0015 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 UJ	1.34 UJ	0.0034 UJ	0.0044 UJ	0.0042 U	0.0019 UJ	0.0038 UJ	0.0015 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 UJ	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 UJ	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,1-Dichloroethane	0.27	0.27	26	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,1-Dichloroethene	0.33	0.33	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,2-Dichloropropane	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
Isopropylbenzene	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	**3.55**	0.0034 U	0.0044 UJ	**1.91 J**	0.0019 U	0.0038 U	**0.001 J**
Methyl acetate	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	2.24 U	0.0034 U	0.0044 R	0.0042 U	0.0019 U	0.0038 U	0.0015 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	**0.0071 J**	**0.0071 J**	0.0529 U	5.6 U	0.034 U	0.0439 U	**0.0154 J**	0.0185 U	0.0378 U	0.0146 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0415 U	0.0372 UJ	0.0529 U	2.24 U	0.034 U	0.0439 U	0.0416 U	0.0185 U	0.0378 U	0.0146 U
Methylcyclohexane	NE	NE	NE	0.0041 U	0.0037 UJ	**0.0063**	**12.2**	0.0034 U	0.0044 UJ	**4.74 J**	0.0019 U	0.0038 U	**0.0012 J**
Methylene chloride	0.05	0.05	100	0.0207 U	0.0186 UJ	0.0265 U	1.12 U	0.017 U	0.0219 U	0.0208 U	0.0093 U	0.0189 U	0.0073 U
Naphthalene	12	12	100	**0.0076**	**0.0055 J**	**13.1**	**3.39**	0.0034 U	0.0044 UJ	**0.0857 J**	**0.0005 J**	0.0038 U	**0.004**
n-Propylbenzene	3.9	3.9	100	0.0041 U	0.0037 UJ	**0.0038 J**	**3.91**	0.0034 U	0.0044 UJ	**2.05 J**	0.0019 U	0.0038 U	**0.0005 J**
Styrene	NE	NE	NE	0.0041 U	0.0037 UJ	**0.0058**	0.224 U	0.0034 U	0.0044 UJ	0.0042 U	0.0019 U	0.0038 U	**0.0006 J**
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 R	0.0042 U	0.0019 U	0.0038 U	0.0015 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
Tetrahydrofuran	NE	NE	NE	**0.002 J**	**0.0015 J**	0.0053 U	NA	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 UJ	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,1,2-Trichloroethane	NE	NE	NE	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0041 U	0.0037 UJ	0.0053 U	0.224 U	0.0034 U	0.0044 U	0.0042 U	0.0019 U	0.0038 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0041 U	0.0037 UJ	**0.0738**	**0.224**	0.0034 U	0.0044 UJ	**0.0068 J**	0.0019 U	0.0038 U	**0.0015**
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0041 U	0.0037 UJ	**0.021**	**0.233**	0.0034 U	0.0044 UJ	**0.004 J**	0.0019 U	0.0038 U	**0.0005 J**
Vinyl chloride	0.02	0.02	0.9	0.0083 U	0.0074 UJ	0.0106 U	0.224 U	0.0068 U	0.0088 U	0.0083 U	0.0037 U	0.0076 U	0.0029 U
Total VOCs	NE	NE	NE	**0.0338**	**0.0241**	**13.4742**	**31.921**	ND	**0.0802**	**9.2419**	**0.0005**	**0.011**	**0.0508**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**2.58**	**1.71**	**1.09**	**9.43**	0.293 U	**0.227 J**	**21.1 J**	**0.0221 J**	**0.637**	**0.0849 J**
Acenaphthylene	100	107	100	**2.17**	**1.89**	**2.18**	**1.36**	0.293 U	**0.564 J**	**2.18**	0.287 U	**3.19**	**0.244 J**
Anthracene	100	1000	100	**2.3**	**1.64**	**1.67**	**5.55**	0.293 U	**0.433 J**	**11.6**	0.287 U	**2.15**	**0.132 J**
Benzo(a)anthracene	1	1	1	**3.35**	**2.55**	**2.84**	**3.45**	0.293 U	**0.846 J**	**16.1**	0.287 U	**9.46**	**0.46**
Benzo(b)fluoranthene	1	1.7	1	**3.47**	**2.72**	**4.49**	**2.33**	0.293 U	**1.07**	**23.2**	0.287 U	**8.04**	**0.453**
Benzo(k)fluoranthene	0.8	1.7	3.9	**3.21**	**2.4**	**1.59**	**0.969**	0.293 U	**0.348 J**	**8.97 J**	0.287 U	**8.63**	**0.445**
Benzo(g,h,i)perylene	100	1000	100	**3.3**	**2.54**	**3.5**	**1.28**	0.293 U	**0.581 J**	**14.4 J**	0.287 U	**8.49**	**0.431**
Benzo(a)pyrene	1	22	1	**5.5**	**4.23**	**4.58**	**3.12**	0.293 U	**1.04 J**	**26.6 J**	0.287 U	**13.5**	**0.7**
Chrysene	1	1	3.9	**3.28**	**2.55**	**2.93**	**3.28**	0.293 U	**0.936 J**	**15.2**	0.287 U	**8.26**	**0.467**
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.973**	**0.813**	**0.788**	**0.401**	0.293 U	**0.158 J**	**4.46 J**	0.287 U	**3.55**	**0.131 J**
Fluoranthene	100	1000	100	**4.02**	**2.92**	**3.65**	**4.79**	0.293 U	**1.32**	**15.5**	**0.0278 J**	**8.67**	**0.524**
Fluorene	30	386	100	**0.425**	**0.342**	**1.58**	**5.83**	0.293 U	**0.197 J**	**10.7**	**0.022 J**	**0.476**	**0.0564 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**3.9**	**3.04**	**4.37**	**1.46**	0.293 U	**0.619 J**	**18 J**	0.287 UJ	**10.8**	**0.514**
2-Methylnaphthalene	NE	NE	NE	**0.527**	**0.533**	**3.96**	**31.6**	0.293 U	**0.126 J**	**8.45 J**	**0.0457 J**	**0.629**	**0.0926 J**
Naphthalene	12	12	100	**0.9**	**0.949**	**5.09**	**8.92**	**0.0289 J**	**0.228 J**	**14**	**0.11 J**	**1.16**	**0.235 J**
Phenanthrene	100	1000	100	**1.95**	**1.77**	**3.93**	**18.5**	0.293 U	**0.998 J**	**34.5**	**0.0521 J**	**5.05**	**0.386**
Pyrene	100	1000	100	**6.45**	**4.8**	**4.29**	**7.43**	0.293 U	**1.36**	**20.1**	**0.0274 J**	**10.1**	**0.716**
Total PAHs	NE	NE	NE	**48.305**	**37.397**	**52.528**	**109.7**	**0.0289**	**11.051**	**265.06**	**0.3071**	**102.792**	**6.0719**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	**0.046 J**	**0.0389 J**	**0.213 J**	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	**0.129 J**	**0.0354 J**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.103**	**0.0965**	**0.391**	**0.378**	0.0293 U	0.106 U	0.0325 U	0.0287 U	**0.106**	0.0283 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.0844 J**	**0.0702 J**	0.288 U	0.337 U	0.293 U	**0.419 J**	0.325 UJ	0.287 U	**22.4**	**0.0492 J**
Butyl benzyl phthalate	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	**0.0779 J**	0.283 U
Caprolactam	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	**0.148 J**	0.283 U
Carbazole	NE	NE	NE	**0.152 J**	**0.18 J**	**0.238 J**	0.337 U	0.293 U	1.06 U	**1.39**	0.287 U	**0.542**	**0.0291 J**
2-Chloronaphthalene	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Dibenzofuran	7	210	59	**0.304**	**0.33**	**0.593**	**1.55**	0.293 U	1.06 U	**2.85**	0.287 U	**0.416**	**0.0283 J**
Diethyl phthalate	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Dimethyl phthalate	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
2,4-Dimethylphenol	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Di-n-butyl phthalate	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
2,6-Dinitrotoluene	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Di-n-octyl phthalate	NE	NE	NE	0.539 U	0.555 U	0.576 U	0.673 U	0.586 U	2.13 U	0.65 U	0.575 U	0.582 U	0.566 U
2-Methylnaphthalene	NE	NE	NE	**0.527**	**0.533**	**3.96**	**31.6**	0.293 U	**0.126 J**	**8.45 J**	**0.0457 J**	**0.629**	**0.0926 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.269 U	0.277 U	**0.039 J**	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	**0.0365 J**	0.283 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.269 U	0.277 U	**0.0585 J**	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	**0.0609 J**	0.283 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Phenol	0.33	0.33	100	0.269 U	0.277 U	0.288 U	0.337 U	0.293 U	1.06 U	0.325 U	0.287 U	0.291 U	0.283 U
Total SVOCs	NE	NE	NE	**48.9944**	**38.1126**	**54.0605**	**111.628**	**0.0289**	**11.47**	**269.3**	**0.3071**	**126.7083**	**6.2139**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	**14 J**	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	**1.88 J**	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	**8.73 J**	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	**15.2 J**	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.28 JN**	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**7.52 JN**	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.52 JN**	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**37.9 JN**	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**49.6 JN**	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	**12 J**	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	**10.5 J**	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	**8.97 J**	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.9 J**	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.5 J**	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.683 J**	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.4 J**	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	**9.87 J**	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	**16.2 J**	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**9.41 J**	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.55 J**	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**8.54 JN**	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**13.9 JN**	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**12.2 JN**	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.76 JN**	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.778 J**	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	**3.03 J**	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	**1.12 J**	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	**0.0687 J**	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	**15.2**	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.7 JN**	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.56 JN**	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.76 JN**	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.98 JN**	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.9 J**	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.82 J**	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.198 J**	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.17 J**	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	**9.99 J**	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**47.2 JN**	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**63 JN**	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**44.9 JN**	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**32.1 JN**	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	**4.14 J**	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	**2.83 J**	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**5.71 J**	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**12.7 JN**	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**14 JN**	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**8.83 JN**	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.9 JN**	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	**6.98 J**	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	**10.9 J**	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**16 JN**	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**9.76 JN**	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.02 JN**	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	**8.83 J**	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.9 JN**	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**15.1 JN**	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**12.4 JN**	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	**13.3 J**	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.23 J**	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.28 J**	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**14.8 J**	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.6 J**	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.85 J**	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.89 J**	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	**17.4 J**	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**15.7 JN**	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**106 JN**	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**78 JN**	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**41.3 JN**	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**4.59 JN**	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.27 JN**	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.79 JN**	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.626 JN**	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.36 J**	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	**27 J**	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**37.3 JN**	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**26.1 JN**	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**12.9 JN**	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**5.22 JN**	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	**3.77 J**	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	**15.5 J**	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.251 J**	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	**1.47 J**	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.823 J**	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	**1.82 J**	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	**0.266 J**	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**0.51 J**	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**5.25 J**	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.5 J**	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.71**	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	**7.76**	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	**29.4**	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	**13.2**	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	**10.1**	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	**4.19**	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.682 U	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.35**	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.29**	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	**0.00055 J**	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	0.001 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	**0.0003 J**	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	**0.00037 J**	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**48.5**	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**60.3**	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**55.2**	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**57.8**	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**50.4**	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	0.05 U	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA
Aroclor 1248	NE	NE	NE	0.05 U	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA
Aroclor 1254	NE	NE	NE	0.05 U	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA
Aroclor 1260	NE	NE	NE	**0.02 J**	**0.02 J**	NA	NA	NA	0.05 U	NA	NA	**0.05 J**	NA
Aroclor 1268	NE	NE	NE	0.05 U	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U	NA
Total PCB Aroclors	0.1	3.2	1	**0.02**	**0.02**	NA	NA	NA	ND	NA	NA	**0.05**	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0016 U	0.0017 U	NA	NA	NA	0.0077 U	NA	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Chlordane (Technical)	NE	NE	NE	**0.0158 J**	**0.0119 J**	NA	NA	NA	0.155 U	NA	NA	**0.075**	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	**0.002 J**	**0.0016 J**	NA	NA	NA	0.0129 U	NA	NA	**0.0145 J**	NA
gamma-Chlordane	NE	NE	NE	**0.0016 J**	**0.0012 J**	NA	NA	NA	0.0129 U	NA	NA	**0.0107**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	**0.0038 J**	**0.0046**	NA	NA	NA	0.0129 U	NA	NA	**0.0165 J**	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Dieldrin	0.005	0.1	0.2	0.0027 U	0.0028 U	NA	NA	NA	0.0129 UJ	NA	NA	**0.0047 JN**	NA
alpha-Endosulfan (I)	2.4	102	24	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
beta-Endosulfan (II)	2.4	102	24	**0.0016 J**	**0.0014 J**	NA	NA	NA	0.0129 UJ	NA	NA	0.0029 U	NA
Endosulfan sulfate	2.4	1000	24	0.0027 U	0.0028 U	NA	NA	NA	0.0129 UJ	NA	NA	0.0029 U	NA
Endrin	0.014	0.06	11	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Endrin aldehyde	NE	NE	NE	0.0027 U	0.0028 U	NA	NA	NA	0.0129 UJ	NA	NA	0.0029 U	NA
Endrin ketone	NE	NE	NE	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Heptachlor	0.042	0.38	2.1	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Heptachlor epoxide	NE	NE	NE	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Hexachlorobenzene	0.33	3.2	1.2	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Methoxychlor	NE	NE	NE	0.0027 U	0.0028 U	NA	NA	NA	0.0129 U	NA	NA	0.0029 U	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.192 U	0.198 U	NA	NA	NA	0.191 U	NA	NA	0.211 U	NA
Dicamba	NE	NE	NE	0.01 U	0.01 U	NA	NA	NA	0.01 U	NA	NA	0.011 U	NA
Dichloroprop	NE	NE	NE	0.192 U	0.198 U	NA	NA	NA	0.191 U	NA	NA	0.211 U	NA
Mecoprop (MCPP)	NE	NE	NE	19.2 U	19.8 U	NA	NA	NA	**8.99 J**	NA	NA	21.1 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	19 U	19.6 U	NA	NA	NA	18.9 U	NA	NA	20.9 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.01 U	0.01 U	NA	NA	NA	0.01 U	NA	NA	0.011 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.01 U	0.01 U	NA	NA	NA	0.01 U	NA	NA	0.011 U	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4670**	**4470**	**3570**	**6980**	**3360**	**3730 J**	**6350 J**	**5740 J**	**8400 J**	**3250**
Antimony	NE	NE	NE	2.15 U	2.55 U	2.63 UJ	2.28 UJ	2 UJ	2.21 UJ	2.82 UJ	1.81 UJ	2.23 UJ	2.13 U
Arsenic	13	16	16	**6.59**	**3.92**	**5.83**	**10.3**	**0.88 J**	**1.33 J**	**9.53 J**	1.81 U	**16.8**	**3.22**
Barium	350	820	400	**63.6**	**48.6**	**40.8 J**	**41.1 J**	**32.7 J**	**39.2 J**	**44.2 J**	**65.4 J**	**160 J**	**73.4**
Beryllium	7.2	47	72	**0.28 J**	1.12 U	**0.35 J**	**0.59 J**	**0.25 J**	**0.29 J**	**0.26 J**	**0.24 J**	**0.57 J**	0.94 U
Cadmium	2.5	7.5	4.3	1.72 U	2.04 U	2.11 U	1.82 U	1.6 U	1.77 UJ	2.26 UJ	1.44 UJ	**1.22 J**	1.71 U
Calcium	NE	NE	NE	**11700 J**	**21900 J**	**4850 J**	**2830 J**	**813 J**	**46700 J**	**3880**	**8860**	**24000 J**	**16500 J**
Chromium	30	NE	180	**10.7**	**12.6**	**8.58 J**	**22.5**	**5.28 J**	**8.84 J**	**11.6 J**	**11.1 J**	**31.1 J**	**14.5**
Cobalt	NE	NE	NE	**4.32 J**	**3.18 J**	**5.34 J**	**4.92 J**	**4.19 J**	**3.27 J**	**5.07 J**	**5.16 J**	**9.63**	**2.1 J**
Copper	50	1720	270	**32.4**	**22.5 J**	**39.7**	**22.8**	**7.8 J**	**22.8 J**	**19.8 J**	**11.4 J**	**218 J**	**16.4 J**
Iron	NE	NE	NE	**12000**	**10300**	**13700**	**24300**	**9870**	**8540 J**	**15300 J**	**11300 J**	**24600 J**	**6900**
Lead	63	450	400	**120**	**86.1**	**396**	**38.3 J**	**5.24 J**	**39.7 J**	**76.6**	**5.14 J**	**303 J**	**97**
Magnesium	NE	NE	NE	**3530**	**8300**	**1290 J**	**2320 J**	**1690 J**	**14800 J**	**1990 J**	**5290 J**	**6550 J**	**4680**
Manganese	1600	2000	2000	**149**	**149**	**117**	**335**	**80.9**	**145 J**	**156 J**	**275 J**	**495 J**	**86.7**
Mercury	0.18	0.73	0.81	**0.24**	**0.222**	**0.32**	**0.04**	0.017 U	**0.099 J**	**0.098 J**	0.021 UJ	**0.34 J**	**0.241**
Nickel	30	130	310	**13.7 J**	**11.3 J**	**16.1 J**	**12.9 J**	**10.2 J**	**8.32 J**	**11.8 J**	**10.6 J**	**36.3**	**7.48 J**
Potassium	NE	NE	NE	**1100 J**	**1030 J**	**446 J**	**890 J**	**500 J**	**857 J**	**1260 J**	**1620 J**	**1560 J**	**1060 J**
Selenium	3.9	4	180	2.15 U	2.55 U	**3.95 J**	2.28 UJ	2 UJ	2.21 UJ	2.82 UJ	1.81 UJ	**0.73 J**	2.13 U
Silver	2	8.3	180	1.72 U	2.04 U	2.11 U	1.82 U	1.6 U	1.77 U	2.26 UJ	1.44 UJ	1.79 U	1.71 U
Sodium	NE	NE	NE	**267 J**	**275 J**	**388 J**	**209 J**	**172 J**	**151 J**	2820 UJ	**1390 J**	**523 J**	**268 J**
Thallium	NE	NE	NE	2.15 U	2.55 U	2.63 U	2.28 U	2 U	2.21 UJ	2.82 R	1.81 R	2.23 U	2.13 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Tin	NE	NE	NE	43 U	51 U	52.7 U	45.5 U	40 U	**8.36 J**	56.4 UJ	36.1 UJ	44.6 U	42.7 U
Vanadium	NE	NE	NE	**16.5**	**13.1**	**16.4**	**25.5**	**10.3**	**16.2 J**	**18.9 J**	**16.7 J**	**30.8 J**	**11.5**
Zinc	109	2480	10000	**127**	**105**	**136 J**	**95.2 J**	**18.9 J**	**94.6 J**	**50.4 J**	**25.5 J**	**394 J**	**70.4**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.214 U	0.215 U	0.237 U	0.255 U	0.236 U	0.205 U	0.252 U	0.228 U	0.229 U	0.23 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.365**	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.236**	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.117**	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0818**	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0419**	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0836**	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0643**	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0678**	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0558**	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0602**	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0481**	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0616**	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0808**	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0308 J**	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0369**	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0494**	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0296 J**	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.186**	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0378**	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0237 J**	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0237 J**	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0239 J**	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.274**	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0796**	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0814**	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0577**	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.041**	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0415**	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0328 J**	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-211 (0.5-5) 8/3/2022	Duplicate of WW-SB-211 (0.5-5) 8/3/2022	WW-SB-211 (5-10) 8/8/2022	WW-SB-211 (10-12) 8/8/2022	WW-SB-211 (30-35) 8/8/2022	WW-SB-212 (1.5-5) 8/10/2022	WW-SB-212 (10-15) 8/11/2022	WW-SB-212 (75-76) 8/11/2022	WW-SB-213 (0-5) 8/2/2022	WW-SB-213 (5-10) 8/3/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0341 U	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.245**	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.135**	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0946**	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.303**	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.185**	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.162**	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.402**	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0303 J**	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0383**	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.15**	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.134**	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.197**	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.135**	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.149**	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.207**	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.139**	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.141**	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3190**	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1010**	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2230**	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2300**	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	**8330**	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**11600**	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	**12500**	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.419**	0.002 U	0.0035 U	**0.0199**	**2.42**	0.0018 U	**0.0015 J**	**0.0013 J**	**8.32 J**	0.0025 U
Toluene	0.7	0.7	100	**0.143 J**	0.002 U	0.0035 U	**0.0096**	**0.342**	0.0018 U	0.0037 U	**0.0012 J**	21.9 U	0.0025 U
Ethylbenzene	1	1	41	**21.6**	0.002 U	0.0035 UJ	**0.0054**	**0.91**	0.0018 U	0.0037 U	**0.0008 J**	**419**	0.0025 U
o-Xylene	0.26	1.6	100	**3.23**	0.002 U	0.0035 UJ	**0.0027**	**0.256**	0.0018 U	0.0037 U	**0.001 J**	**101**	0.0025 U
m/p-Xylene	0.26	1.6	100	**1.66**	0.004 U	0.007 UJ	**0.0053**	**0.926**	0.0036 U	0.0074 U	**0.0014 J**	**41.6 J**	0.005 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**27.052**	ND	ND	**0.0429**	**4.854**	ND	**0.0015**	**0.0057**	**569.92**	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	4.47 U	0.0201 U	0.0351 UJ	0.0211 UJ	4.15 U	0.0182 UJ	**0.065 J**	**0.0249 J**	547 U	0.025 UJ
n-Butylbenzene	12	12	100	**17**	0.002 U	0.0035 UJ	**0.0008 J**	**4.58**	0.0018 U	0.0037 U	0.002 UJ	**39.8**	0.0025 U
sec-Butylbenzene	11	11	100	**3.34**	0.002 U	0.0035 UJ	**0.0007 J**	**2.71**	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
tert-Butylbenzene	5.9	5.9	100	**0.236**	0.002 U	0.0035 UJ	0.0021 U	**0.246**	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
Carbon disulfide	NE	NE	NE	0.179 U	0.002 U	0.0035 U	**0.0022**	0.166 U	0.0018 U	0.0037 U	**0.0041 J**	21.9 U	0.0025 U
Chlorobenzene	1.1	1.1	100	0.179 U	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.179 U	0.002 U	0.0035 U	**0.002 J**	0.166 U	0.0018 U	0.0037 U	**0.0052 J**	21.9 U	0.0025 U
Cyclohexane	NE	NE	NE	**2.32**	0.002 U	0.0035 U	**0.0092**	**1.37**	0.0018 U	0.0037 U	**0.0008 J**	**22.8**	0.0025 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**9.25**	0.002 U	0.0035 UJ	**0.0031**	**0.222**	0.0018 U	0.0037 U	0.002 UJ	**28.5**	0.0025 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	1.07 UJ	0.002 U	0.0035 UJ	0.0021 UJ	0.996 UJ	0.0018 UJ	0.0037 UJ	0.002 UJ	131 UJ	0.0025 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.179 U	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.179 U	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,1-Dichloroethane	0.27	0.27	26	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,1-Dichloroethene	0.33	0.33	100	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,2-Dichloropropane	NE	NE	NE	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
Isopropylbenzene	NE	NE	NE	**19.7**	0.002 U	0.0035 UJ	**0.0014 J**	**6.52**	0.0018 U	0.0037 U	0.002 UJ	**72.7**	0.0025 U
Methyl acetate	NE	NE	NE	1.79 U	0.002 U	0.0035 R	**0.0238**	1.66 U	0.0018 U	0.0037 U	0.002 UJ	219 U	0.0025 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	4.47 U	0.0201 U	0.0351 U	0.0211 U	4.15 U	0.0182 U	0.037 U	0.0195 UJ	547 U	0.025 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	1.79 U	0.0201 U	0.0351 U	0.0211 U	1.66 U	0.0182 U	0.037 U	0.0195 UJ	219 U	0.025 U
Methylcyclohexane	NE	NE	NE	**10.9**	0.002 U	0.0035 UJ	**0.0188**	**16**	0.0018 U	0.0037 U	**0.001 J**	**38.5**	0.0025 U
Methylene chloride	0.05	0.05	100	0.895 U	0.01 U	0.0176 U	0.0105 U	0.83 U	0.0091 U	0.0185 U	0.0098 UJ	109 U	0.0125 U
Naphthalene	12	12	100	**242**	0.002 U	0.0035 UJ	**0.0652**	**7.14**	**0.0005 J**	**0.0032 J**	**0.0115 J**	**4670**	0.0025 U
n-Propylbenzene	3.9	3.9	100	**12.2**	0.002 U	0.0035 UJ	**0.002 J**	**6.72**	0.0018 U	0.0037 U	0.002 UJ	**27.1**	0.0025 U
Styrene	NE	NE	NE	**0.0966 J**	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.179 U	0.002 U	0.0035 R	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
Tetrahydrofuran	NE	NE	NE	NA	**0.0009 J**	0.0035 U	0.0021 U	NA	0.0018 U	0.0037 U	0.002 UJ	NA	0.0025 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.179 U	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,1,2-Trichloroethane	NE	NE	NE	0.179 U	0.002 U	0.0035 UJ	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Trichloroethene (TCE)	0.47	0.47	21	0.179 U	0.002 U	0.0035 U	0.0021 U	0.166 U	0.0018 U	0.0037 U	0.002 UJ	21.9 U	0.0025 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**29.2**	0.002 U	0.0035 UJ	**0.0045**	**0.704**	0.0018 U	0.0037 U	**0.0012 J**	**269**	0.0025 U
1,3,5-Trimethylbenzene	8.4	8.4	52	**7.64**	0.002 U	0.0035 UJ	**0.0016 J**	**0.617**	0.0018 U	0.0037 U	0.002 UJ	**78.8**	0.0025 U
Vinyl chloride	0.02	0.02	0.9	0.179 U	0.004 U	0.007 U	0.0042 U	0.166 U	0.0036 U	0.0074 U	0.0039 UJ	21.9 U	0.005 U
Total VOCs	NE	NE	NE	**380.9346**	**0.0009**	ND	**0.1782**	**51.683**	**0.0005**	**0.0697**	**0.0544**	**5817.12**	ND
PAHs (mg/kg)													
Acenaphthene	20	98	100	**388**	**0.0322 J**	**0.0297 J**	**2.95**	**42.9**	0.307 U	**1.38**	**0.388**	**293**	0.298 U
Acenaphthylene	100	107	100	**70.7**	**0.0421 J**	**0.0374 J**	**2.35**	**5.57**	0.307 U	**9.27**	**0.204 J**	**38.2**	0.298 U
Anthracene	100	1000	100	**261**	0.283 U	**0.0455 J**	**2.8**	**31.6**	0.307 U	**7.53**	**0.244 J**	**115**	0.298 U
Benzo(a)anthracene	1	1	1	**179**	0.283 U	**0.135 J**	**7.29**	**96.2**	0.307 U	**14.7**	**0.519**	**72.4**	0.298 U
Benzo(b)fluoranthene	1	1.7	1	**59.4**	0.283 U	**0.129 J**	**6.75**	**91.6**	0.307 U	**13.9**	**0.482**	**23.1**	0.298 U
Benzo(k)fluoranthene	0.8	1.7	3.9	**77.2**	0.283 U	**0.103 J**	**6.58**	**91.6**	0.307 U	**9.54**	**0.504**	**31.5**	0.298 U
Benzo(g,h,i)perylene	100	1000	100	**33.6**	0.283 U	**0.103 J**	**6.26**	**75.1**	0.307 U	**13.1**	**0.412**	**17.1**	0.298 U
Benzo(a)pyrene	1	22	1	**133**	0.283 U	**0.161 J**	**11.3**	**146**	0.307 U	**20.6**	**0.76**	**55.7**	0.298 U
Chrysene	1	1	3.9	**162**	0.283 U	**0.136 J**	**6.74**	**76**	0.307 U	**14.5**	**0.507**	**62**	0.298 U
Dibenz(a,h)anthracene	0.33	1000	0.33	**17.2**	0.283 U	**0.03 J**	**1.78**	**25.3**	0.307 U	**7.61**	**0.131 J**	**5.79**	0.298 U
Fluoranthene	100	1000	100	**285**	0.283 U	**0.216 J**	**8.11**	**65.8**	0.307 U	**22.7**	**0.813**	**110**	0.298 U
Fluorene	30	386	100	**180**	0.283 U	**0.0196 J**	**1.21 J**	**25.5**	0.307 U	**3.25**	**0.112 J**	**115**	0.298 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**42**	0.283 U	**0.111 J**	**7.47**	**105**	0.307 U	**15.2**	**0.48**	**20.4**	0.298 U
2-Methylnaphthalene	NE	NE	NE	**54.2**	0.283 U	**0.102 J**	**0.664 J**	**4.35**	0.307 U	**2.3**	**0.0643 J**	**550**	**0.0234 J**
Naphthalene	12	12	100	**118**	**0.0233 J**	**0.347**	**2.72**	**7.85**	0.307 U	**4.16**	**0.114 J**	**908**	**0.0322 J**
Phenanthrene	100	1000	100	**847**	0.283 U	**0.131 J**	**6.54**	**84.8**	0.307 U	**15.5**	**0.363**	**394**	0.298 U
Pyrene	100	1000	100	**427**	0.283 U	**0.205 J**	**10.7**	**73.3**	0.307 U	**27.5**	**0.952**	**167**	0.298 U
Total PAHs	NE	NE	NE	**3334.3**	**0.0976**	**2.0412**	**92.214**	**1048.47**	ND	**202.74**	**7.0493**	**2978.19**	**0.0556**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.641 U	0.283 U	**0.0283 J**	1.28 U	3.83 U	0.307 U	**0.289 J**	0.273 U	3.67 U	0.298 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**8.24**	0.0283 U	0.0266 U	**0.295**	0.383 U	0.0307 U	**0.63**	0.0273 U	**45.2**	0.0298 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	**0.235 J**	**0.0658 J**	3.67 U	0.298 U
Butyl benzyl phthalate	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Caprolactam	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Carbazole	NE	NE	NE	**3.64**	0.283 U	0.266 U	**0.57 J**	**7.94**	0.307 U	**1.31**	**0.03 J**	**2.94 J**	0.298 U
2-Chloronaphthalene	NE	NE	NE	**0.811**	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Dibenzofuran	7	210	59	**54.7**	0.283 U	0.266 U	**0.356 J**	**5.89**	0.307 U	**2.31**	**0.041 J**	**15.5**	0.298 U
Diethyl phthalate	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Dimethyl phthalate	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
2,4-Dimethylphenol	NE	NE	NE	0.641 U	0.283 U	0.266 UJ	1.28 U	3.83 U	0.307 U	**0.166 J**	0.273 UJ	3.67 U	0.298 U
Di-n-butyl phthalate	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
2,6-Dinitrotoluene	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Di-n-octyl phthalate	NE	NE	NE	1.28 U	0.565 U	0.531 U	2.57 U	7.67 U	0.613 U	0.586 U	0.546 U	7.34 U	0.596 U
2-Methylnaphthalene	NE	NE	NE	**54.2**	0.283 U	**0.102 J**	**0.664 J**	**4.35**	0.307 U	**2.3**	**0.0643 J**	**550**	**0.0234 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.641 U	0.283 U	0.266 UJ	1.28 U	3.83 U	0.307 U	**0.128 J**	0.273 UJ	3.67 U	0.298 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.234 J**	0.283 U	0.266 UJ	1.28 U	3.83 U	0.307 U	**0.275 J**	0.273 UJ	3.67 U	0.298 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.641 U	0.283 U	0.266 U	1.28 U	3.83 U	0.307 U	0.293 U	0.273 U	3.67 U	0.298 U
Phenol	0.33	0.33	100	0.641 U	0.283 U	0.266 UJ	1.28 U	3.83 U	0.307 U	0.293 U	0.273 UJ	3.67 U	0.298 U
Total SVOCs	NE	NE	NE	**3401.925**	**0.0976**	**2.0695**	**93.435**	**1062.3**	ND	**208.083**	**7.1861**	**3041.83**	**0.0556**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Brooklyn, New York

Location				Parcel 4									
Sample Name				WW-SB-213	WW-SB-213	WW-SB-214	WW-SB-214	WW-SB-214	WW-SB-214	WW-SB-215	WW-SB-215	WW-SB-215	WW-SB-215
Sample Depth (feet)	Unrestricted	Protection of Groundwater	Restricted-Residential	(20-25)	(35-40)	(0.5-5)	(5-10)	(10-13)	(30-35)	(0-5)	(5-10)	(15-20)	(35-40)
Sample Date	SCO	SCO	SCO	8/3/2022	8/3/2022	8/4/2022	8/5/2022	8/5/2022	8/5/2022	7/29/2022	8/5/2022	8/5/2022	8/5/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	**0.08**	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	**0.08**	NA	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0016 U	NA	NA	NA	0.0018 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.0304 J**	NA	NA	NA	**0.0669**	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0034 J**	NA	NA	NA	**0.0094**	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.0046 J**	NA	NA	NA	**0.0075**	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0027 U	NA	NA	NA	**0.0157 J**	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	**0.0023 J**	NA	NA	NA	**0.0024 J**	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0174 J**	NA	NA	NA	**0.0037 JN**	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0027 UJ	NA	NA	NA	0.0029 U	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0027 UJ	NA	NA	NA	0.0029 U	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0027 UJ	NA	NA	NA	0.0029 U	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.195 U	NA	NA	NA	0.207 U	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.195 U	NA	NA	NA	0.207 U	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	19.5 U	NA	NA	NA	20.7 U	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	**2.16 J**	NA	NA	NA	**3.03 J**	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.01 U	NA	NA	NA	**0.003 J**	NA	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4800**	**5440**	**6630**	**6610**	**3090**	**4280**	**6140**	**2570**	**2730**	**3470**
Antimony	NE	NE	NE	**2.2 J**	2.51 U	2.52 U	2.45 U	1.87 U	1.78 U	2.65 U	1.55 U	2.6 U	1.64 U
Arsenic	13	16	16	**38.7**	**5.32**	**2.34 J**	**29.3**	**8.2**	**0.98 J**	**11.5**	**1.82**	**4.43**	**1.1 J**
Barium	350	820	400	**141**	**29.5**	**64.6**	**96**	**35.2**	**29.9**	**119**	**18**	**62.2**	**25.7**
Beryllium	7.2	47	72	**0.39 J**	**0.68 J**	**0.35 J**	**0.59 J**	**0.3 J**	**0.41 J**	**0.44 J**	**0.14 J**	**0.45 J**	**0.34 J**
Cadmium	2.5	7.5	4.3	2.31 U	**0.78 J**	2.02 U	**0.54 J**	1.49 U	1.42 U	2.12 U	1.24 U	2.08 U	1.31 U
Calcium	NE	NE	NE	**18100 J**	**412 J**	**12900**	**36400**	**20500**	**1310**	**18100**	**58000**	**9180**	**6770**
Chromium	30	NE	180	**28.6**	**34.5**	**15.8**	**41.2**	**7.06 J**	**9.7**	**18.3**	**5.38 J**	**5.26 J**	**12.6**
Cobalt	NE	NE	NE	**9.45 J**	**10.8**	**4 J**	**10.7**	**2.91 J**	**4.59 J**	**5.3 J**	**2.16 J**	**7.29 J**	**5.69 J**
Copper	50	1720	270	**88.9**	**8.56 J**	**14.8 J**	**69.9**	**11.7 J**	**11.7 J**	**62.2**	**8.86 J**	**667**	**9.24 J**
Iron	NE	NE	NE	**38900**	**77200**	**9420**	**21400**	**11400**	**17600**	**15400**	**6060**	**16500**	**16000**
Lead	63	450	400	**3100**	**11.1 J**	**59.4**	**179**	**9.22 J**	**5.69 J**	**219**	**8.62 J**	**161**	**4.78 J**
Magnesium	NE	NE	NE	**863**	**848**	**4460 J**	**7590 J**	**1660 J**	**1950 J**	**3720**	**22000 J**	**1340 J**	**4860 J**
Manganese	1600	2000	2000	**399**	**808**	**249**	**223**	**217**	**185**	**242**	**148**	**306**	**605**
Mercury	0.18	0.73	0.81	**1.2**	0.031 U	**0.092**	**0.316**	**0.018 J**	0.017 U	**0.493**	**0.035**	**0.14**	0.019 U
Nickel	30	130	310	**19.5 J**	**8.89 J**	**15.5 J**	**21.3 J**	**7.25 J**	**9.97 J**	**19.5 J**	**5.15 J**	**13.7 J**	**8.94 J**
Potassium	NE	NE	NE	**598 J**	**393 J**	**1540 J**	**1050 J**	**368 J**	**1080 J**	**1030 J**	**458 J**	**431 J**	**842 J**
Selenium	3.9	4	180	2.89 U	2.51 U	2.52 UJ	2.45 UJ	1.87 UJ	1.78 UJ	2.65 U	1.55 UJ	2.6 UJ	1.64 UJ
Silver	2	8.3	180	**51.8**	2.01 U	2.02 U	1.96 U	1.49 U	1.42 U	2.12 U	1.24 U	2.08 U	1.31 U
Sodium	NE	NE	NE	**1100 J**	**698 J**	2520 U	**444 J**	1870 U	**283 J**	2650 U	1550 U	2600 U	**348 J**
Thallium	NE	NE	NE	2.89 U	2.51 U	2.52 U	2.45 U	1.87 U	1.78 U	2.65 U	1.55 U	2.6 U	1.64 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Tin	NE	NE	NE	**3550**	50.3 U	50.4 U	**11.2 J**	37.3 U	35.5 U	53.1 UJ	**11.6 J**	**15.2 J**	32.8 U
Vanadium	NE	NE	NE	**17.4**	**49.4**	**18.8**	**21.6**	**11.7**	**20.9**	**19.6**	**3.33 J**	**9.9 J**	**16.3**
Zinc	109	2480	10000	**273**	**49**	**52.6 J**	**243 J**	**18.8 J**	**23.1 J**	**259**	**21.1 J**	**619 J**	**25.2 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.262 U	0.234 U	0.212 U	0.264 U	0.25 U	0.243 U	0.225 U	0.22 U	0.238 U	0.232 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-213 (20-25) 8/3/2022	WW-SB-213 (35-40) 8/3/2022	WW-SB-214 (0.5-5) 8/4/2022	WW-SB-214 (5-10) 8/5/2022	WW-SB-214 (10-13) 8/5/2022	WW-SB-214 (30-35) 8/5/2022	WW-SB-215 (0-5) 7/29/2022	WW-SB-215 (5-10) 8/5/2022	WW-SB-215 (15-20) 8/5/2022	WW-SB-215 (35-40) 8/5/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	**83.7 J**	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0021 UJ	**0.0029**	**1.48 J**	0.0029 U	0.0032 U	**0.0016 J**	**2.05**	0.0021 U	**0.0023 J**	**0.0021 J**
Toluene	0.7	0.7	100	0.0021 UJ	**0.0024 J**	**0.95 J**	0.0029 U	0.0032 U	0.0035 U	**0.295**	0.0021 U	0.0036 UJ	0.0043 U
Ethylbenzene	1	1	41	0.0021 UJ	0.0025 U	**36.8**	0.0029 U	0.0032 U	0.0035 U	**4.34**	0.0021 U	0.0036 UJ	0.0043 U
o-Xylene	0.26	1.6	100	0.0021 UJ	0.0025 U	**13.6**	0.0029 U	0.0032 U	0.0035 U	**0.291**	0.0021 U	0.0036 UJ	0.0043 U
m/p-Xylene	0.26	1.6	100	0.0043 UJ	0.005 U	**13.3**	0.0058 U	0.0064 U	0.007 U	**1.08**	0.0042 U	0.0071 UJ	0.0086 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	**0.0053**	**66.13**	ND	ND	**0.0016**	**8.056**	ND	**0.0023**	**0.0021**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	**0.0356 J**	0.0249 UJ	65.9 U	0.0292 UJ	**0.0673 J**	0.0352 UJ	5.2 U	0.0209 UJ	**0.125 J**	**0.18 J**
n-Butylbenzene	12	12	100	0.0021 UJ	0.0025 UJ	**6.86**	0.0029 U	0.0032 U	0.0035 U	**3.5**	0.0021 U	0.0036 UJ	0.0043 U
sec-Butylbenzene	11	11	100	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	**1.8**	0.0021 U	0.0036 UJ	0.0043 U
tert-Butylbenzene	5.9	5.9	100	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	**0.15 J**	0.0021 U	0.0036 UJ	0.0043 U
Carbon disulfide	NE	NE	NE	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	**0.0068 J**	**0.0018 J**
Chlorobenzene	1.1	1.1	100	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
Cyclohexane	NE	NE	NE	0.0021 UJ	0.0025 U	**3.11**	0.0029 U	0.0032 U	0.0035 U	**2.2**	0.0021 U	0.0036 UJ	**0.0072**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0021 UJ	0.0025 U	**7.6**	0.0029 U	0.0032 U	0.0035 U	**0.615**	0.0021 U	0.0036 UJ	0.0043 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0021 UJ	0.0025 UJ	15.8 UJ	0.0029 UJ	0.0032 UJ	0.0035 UJ	1.25 U	0.0021 UJ	0.0036 UJ	0.0043 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,1-Dichloroethane	0.27	0.27	26	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,1-Dichloroethene	0.33	0.33	100	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,2-Dichloropropane	NE	NE	NE	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
Isopropylbenzene	NE	NE	NE	0.0021 UJ	0.0025 UJ	**11.3**	0.0029 U	0.0032 U	0.0035 U	**3.82**	0.0021 U	0.0036 UJ	0.0043 U
Methyl acetate	NE	NE	NE	0.0021 UJ	0.0025 U	26.4 U	0.0029 U	0.0032 U	0.0035 U	**1.33 J**	0.0021 U	0.0036 UJ	0.0043 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0213 UJ	0.0249 U	65.9 U	0.0292 U	**0.0053 J**	0.0352 U	5.2 U	0.0209 U	**0.0102 J**	0.0429 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0213 UJ	0.0249 U	26.4 U	0.0292 U	0.0318 U	0.0352 U	2.08 U	0.0209 U	0.0357 UJ	0.0429 U
Methylcyclohexane	NE	NE	NE	0.0021 UJ	0.0025 U	**7.49**	0.0029 U	0.0032 U	0.0035 U	**6.77**	0.0021 U	0.0036 UJ	**0.0091**
Methylene chloride	0.05	0.05	100	0.0107 UJ	0.0124 U	**1.32 J**	0.0146 U	0.0159 U	0.0176 U	**0.166 J**	0.0104 U	0.0179 UJ	0.0214 U
Naphthalene	12	12	100	0.0021 UJ	**0.0017 J**	**1090**	**0.0017 J**	**0.0009 J**	0.0035 U	**22.6**	**0.001 J**	**0.0049 J**	0.0043 U
n-Propylbenzene	3.9	3.9	100	0.0021 UJ	0.0025 UJ	**4.38**	0.0029 U	0.0032 U	0.0035 U	**2.91**	0.0021 U	0.0036 UJ	0.0043 U
Styrene	NE	NE	NE	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
Tetrahydrofuran	NE	NE	NE	0.0021 UJ	0.0025 U	NA	0.0029 U	0.0032 U	0.0035 U	NA	0.0021 U	0.0036 UJ	0.0043 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0021 UJ	0.0025 UJ	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,1,2-Trichloroethane	NE	NE	NE	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0021 UJ	0.0025 U	2.64 U	0.0029 U	0.0032 U	0.0035 U	0.208 U	0.0021 U	0.0036 UJ	0.0043 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0021 UJ	**0.0012 J**	**53.8**	0.0029 U	0.0032 U	0.0035 U	**0.686**	0.0021 U	0.0036 UJ	0.0043 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0021 UJ	0.0025 UJ	**18.6**	0.0029 U	0.0032 U	0.0035 U	**0.125 J**	0.0021 U	0.0036 UJ	0.0043 U
Vinyl chloride	0.02	0.02	0.9	0.0043 UJ	0.005 U	2.64 U	0.0058 U	0.0064 U	0.007 U	0.208 U	0.0042 U	0.0071 UJ	0.0086 U
Total VOCs	NE	NE	NE	**0.0356**	**0.0082**	**1270.59**	**0.0017**	**0.0735**	**0.0016**	**54.728**	**0.001**	**0.1492**	**0.2002**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.277 U	**0.328**	**17.2**	0.297 U	**0.352**	**1.09**	**15.2**	**0.0199 J**	**1.29**	**0.394**
Acenaphthylene	100	107	100	0.277 U	**3.25**	**3.77**	0.297 U	**2.31**	**3.98**	**1.92**	**0.0175 J**	**4**	**0.34**
Anthracene	100	1000	100	0.277 U	**1.4**	**17.8**	0.297 U	**1.06**	**3.5**	**7.34**	0.27 U	**3.15**	**0.828**
Benzo(a)anthracene	1	1	1	0.277 U	**3.42**	**18.5**	0.297 U	**4.26**	**9.41**	**3.39**	0.27 U	**8.23**	**2.44**
Benzo(b)fluoranthene	1	1.7	1	0.277 U	**3.17**	**11.7**	0.297 U	**5.66**	**13.4**	**1.98**	0.27 U	**7.14**	**2.49**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.277 U	**2.69**	**8.85**	0.297 U	**4.45**	**4.39**	**0.66**	0.27 U	**5.73**	**1.88**
Benzo(g,h,i)perylene	100	1000	100	0.277 U	**3.23**	**6**	0.297 U	**6.34**	**7.61**	**0.727**	0.27 U	**6.76**	**1.46**
Benzo(a)pyrene	1	22	1	0.277 U	**4.83**	**15.8**	0.297 U	**8.36**	**13.7**	**2.57**	0.27 U	**10.6**	**2.79**
Chrysene	1	1	3.9	0.277 U	**3.3**	**16.9**	0.297 U	**4.43**	**9.09**	**3.24**	0.27 U	**7.48**	**2.41**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.277 U	**0.885**	**1.81**	0.297 U	**1.68**	**2**	**0.261 J**	0.27 U	**1.75**	**0.404**
Fluoranthene	100	1000	100	0.277 U	**3.91**	**32.4**	0.297 U	**4.04**	**14**	**6.31**	0.27 U	**9.49**	**5.7**
Fluorene	30	386	100	0.277 U	**0.269 J**	**12.3**	0.297 U	**0.23 J**	**1.13**	**5.39**	0.27 U	**0.644**	**0.44**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.277 U	**3.74 J**	**8.37 J**	0.297 U	**6.79**	**8.47**	**0.822**	0.27 U	**7.84**	**1.75**
2-Methylnaphthalene	NE	NE	NE	0.277 U	**1.11**	**12.2**	0.297 U	**0.924**	**1.59**	**8.53**	0.27 U	**0.947**	**0.112 J**
Naphthalene	12	12	100	0.277 U	**2.31**	**32.7**	0.297 U	**1.64**	**3.17**	**41.9**	**0.0212 J**	**1.81**	**0.259 J**
Phenanthrene	100	1000	100	0.277 U	**2.36**	**45.4**	0.297 U	**2.35**	**7.38**	**28.1**	**0.0243 J**	**5.39**	**3.01**
Pyrene	100	1000	100	**0.0196 J**	**4.93**	**34**	0.297 U	**5.54**	**12.7**	**9.29**	0.27 U	**12.2**	**4.55**
Total PAHs	NE	NE	NE	**0.0196**	**45.132**	**295.7**	ND	**60.416**	**116.61**	**167.63**	**0.0829**	**94.451**	**31.257**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.277 U	**0.324**	0.358 U	0.297 U	**0.147 J**	**0.288 J**	0.373 U	0.27 U	**0.137 J**	0.289 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0277 U	**0.143**	**1.73**	0.0297 U	**0.136**	**0.231**	0.0373 U	0.027 U	**0.201**	**0.0365**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.0639 J**	0.316 U	0.358 U	0.297 U	**0.156 J**	**0.32 J**	0.373 U	0.27 U	**0.255 J**	**2.57**
Butyl benzyl phthalate	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	**0.11 J**	0.373 U	0.27 U	0.279 U	**11.6**
Caprolactam	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
Carbazole	NE	NE	NE	0.277 U	**0.191 J**	**1.56**	0.297 U	**0.19 J**	**0.566 J**	**0.91**	0.27 U	**0.436**	**0.351**
2-Chloronaphthalene	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
Dibenzofuran	7	210	59	0.277 U	**0.243 J**	**5.41**	0.297 U	**0.169 J**	**0.614**	0.373 U	0.27 U	**0.618**	**0.2 J**
Diethyl phthalate	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
Dimethyl phthalate	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
2,4-Dimethylphenol	NE	NE	NE	0.277 R	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	**5.43**	0.27 U	0.279 R	0.289 U
Di-n-butyl phthalate	NE	NE	NE	**0.139 J**	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	**0.0531 J**
2,6-Dinitrotoluene	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
Di-n-octyl phthalate	NE	NE	NE	**0.0332 J**	0.632 U	0.716 U	0.594 U	0.557 U	1.17 U	0.746 U	0.539 U	0.558 U	0.577 U
2-Methylnaphthalene	NE	NE	NE	0.277 U	**1.11**	**12.2**	0.297 U	**0.924**	**1.59**	**8.53**	0.27 U	**0.947**	**0.112 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.277 R	0.316 U	0.358 U	0.297 U	**0.0192 J**	0.583 U	0.373 U	0.27 U	**0.0466 J**	0.289 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.277 R	**0.0503 J**	**0.193 J**	0.297 U	0.278 U	0.583 U	**0.609**	0.27 U	**0.0859 J**	**0.0614 J**
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.277 U	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 U	0.289 U
Phenol	0.33	0.33	100	0.277 R	0.316 U	0.358 U	0.297 U	0.278 U	0.583 U	0.373 U	0.27 U	0.279 R	0.289 U
Total SVOCs	NE	NE	NE	**0.2557**	**46.0833**	**304.593**	ND	**61.2332**	**118.739**	**144.579**	**0.0829**	**96.2305**	**46.129**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
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Location				Parcel 4									
Sample Name				WW-SB-217	WW-SB-217	WW-SB-217	WW-SB-217	WW-SB-218	WW-SB-218	WW-SB-218	WW-SB-218	WW-SB-219	WW-SB-219
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(0-5)	(5-10)	(20-25)	(40-45)	(0-5)	(5-10)	(15-20)	(35-40)	(0-5)	(5-10)
Sample Date				8/1/2022	8/3/2022	8/3/2022	8/3/2022	8/1/2022	8/9/2022	8/9/2022	8/9/2022	7/29/2022	8/5/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA
Aroclor 1248	NE	NE	NE	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA
Aroclor 1254	NE	NE	NE	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA
Aroclor 1260	NE	NE	NE	0.05 U	NA	NA	NA	**0.05 J**	NA	NA	NA	**0.06**	NA
Aroclor 1268	NE	NE	NE	0.05 U	NA	NA	NA	0.06 U	NA	NA	NA	0.05 U	NA
Total PCB Aroclors	0.1	3.2	1	ND	NA	NA	NA	**0.05**	NA	NA	NA	**0.06**	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0016 U	NA	NA	NA	0.0017 U	NA	NA	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Chlordane (Technical)	NE	NE	NE	0.0319 U	NA	NA	NA	**0.109 J**	NA	NA	NA	**0.0756 J**	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	0.0027 U	NA	NA	NA	**0.0164 J**	NA	NA	NA	**0.0093 J**	NA
gamma-Chlordane	NE	NE	NE	0.0027 U	NA	NA	NA	**0.0129**	NA	NA	NA	**0.0083**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0027 U	NA	NA	NA	**0.0094 J**	NA	NA	NA	**0.0091 J**	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0027 U	NA	NA	NA	**0.0021 J**	NA	NA	NA	0.0028 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	**0.0029 JN**	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
Dieldrin	0.005	0.1	0.2	0.0027 U	NA	NA	NA	**0.0044 JN**	NA	NA	NA	**0.0026 J**	NA
alpha-Endosulfan (I)	2.4	102	24	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
beta-Endosulfan (II)	2.4	102	24	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Endosulfan sulfate	2.4	1000	24	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Endrin	0.014	0.06	11	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Endrin aldehyde	NE	NE	NE	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Endrin ketone	NE	NE	NE	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Heptachlor	0.042	0.38	2.1	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Heptachlor epoxide	NE	NE	NE	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Hexachlorobenzene	0.33	3.2	1.2	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Methoxychlor	NE	NE	NE	0.0027 U	NA	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.196 U	NA	NA	NA	0.2 U	NA	NA	NA	0.192 U	NA
Dicamba	NE	NE	NE	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA	**0.021**	NA
Dichloroprop	NE	NE	NE	0.196 U	NA	NA	NA	0.2 U	NA	NA	NA	0.192 U	NA
Mecoprop (MCPP)	NE	NE	NE	**6.65 J**	NA	NA	NA	20 U	NA	NA	NA	19.2 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	**2.16 J**	NA	NA	NA	19.8 U	NA	NA	NA	19 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**6500**	**7980**	**5650**	**2260**	**5500**	**6140 J**	**11300 J**	**3570 J**	**6010**	**6390**
Antimony	NE	NE	NE	2.35 U	2.64 U	**1.4 J**	2.31 U	2.21 U	2.35 UJ	3.2 UJ	2.36 UJ	2.52 U	2.18 U
Arsenic	13	16	16	**1.1 J**	**12.5**	**42.5**	**0.69 J**	**6.3**	**9.14 J**	**21.1 J**	**2.25 J**	**8.29**	**4.94**
Barium	350	820	400	**47**	**148**	**179**	**8.71 J**	**85.6**	**154 J**	**386 J**	**20.4 J**	**100**	**194**
Beryllium	7.2	47	72	**0.49 J**	**0.45 J**	**0.39 J**	1.02 U	**0.39 J**	**0.49 J**	**1.26 J**	**0.49 J**	**0.39 J**	**0.47 J**
Cadmium	2.5	7.5	4.3	1.88 U	2.11 U	2.54 U	1.85 U	**0.54 J**	**0.47 J**	2.56 UJ	1.89 UJ	2.01 U	**1.19 J**
Calcium	NE	NE	NE	**62300**	**22700 J**	**11700 J**	**2100 J**	**40300**	**27400 J**	**7390 J**	**277 J**	**31800**	**49400**
Chromium	30	NE	180	**13**	**19.6**	**8.67 J**	**5.14 J**	**15.2**	**16.5 J**	**18 J**	**13 J**	**16.1**	**15.9**
Cobalt	NE	NE	NE	**3.8 J**	**6.58 J**	**9.85 J**	**2.41 J**	**4.49 J**	**6.84 J**	**10.7 J**	**4.96 J**	**4.65 J**	**4.7 J**
Copper	50	1720	270	**26.9**	**70**	**99.2**	**4.15 J**	**56.9**	**62.6 J**	**171 J**	**5.03 J**	**52.1**	**47.4**
Iron	NE	NE	NE	**11000**	**21900**	**59400**	**9550**	**16500**	**17000 J**	**25100 J**	**56800 J**	**13600**	**10400**
Lead	63	450	400	**102**	**328**	**564**	46.1 U	**205**	**622 J**	**2000 J**	**13.5 J**	**219**	**220**
Magnesium	NE	NE	NE	**9940**	**3990**	**1230**	**1870**	**16300**	**4300 J**	**2320 J**	**726 J**	**6580**	**16400 J**
Manganese	1600	2000	2000	**221**	**255**	**238**	**187**	**197**	**242 J**	**278 J**	**403 J**	**187**	**279**
Mercury	0.18	0.73	0.81	**0.014 J**	**0.495**	**2.31**	0.03 U	**0.405**	**0.357 J**	**1.46 J**	0.029 UJ	**0.361**	**0.414**
Nickel	30	130	310	**5.93 J**	**20 J**	**23.6 J**	**4.01 J**	**13.6 J**	**19 J**	**23 J**	**4.45 J**	**17.9 J**	**19.9 J**
Potassium	NE	NE	NE	**1100 J**	**1240 J**	**811 J**	**518 J**	**1230 J**	**960 J**	**1910 J**	**246 J**	**1110 J**	**973 J**
Selenium	3.9	4	180	2.35 UJ	2.64 U	3.18 U	2.31 U	**0.46 J**	2.35 UJ	**1.49 J**	2.36 UJ	2.52 U	2.18 UJ
Silver	2	8.3	180	1.88 U	2.11 U	2.54 U	1.85 U	1.77 U	1.88 U	2.56 U	1.89 U	2.01 U	1.74 U
Sodium	NE	NE	NE	**931 J**	**406 J**	**1440 J**	**667 J**	**1290 J**	**733 J**	**2520 J**	**646 J**	**603 J**	**334 J**
Thallium	NE	NE	NE	2.35 U	2.64 U	3.18 U	2.31 U	2.21 U	2.35 UJ	3.2 UJ	2.36 UJ	2.52 U	2.18 U

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Location				Parcel 4									
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Tin	NE	NE	NE	46.9 U	**12 J**	**2390**	46.1 U	44.2 U	**11.8 J**	**38.5 J**	47.1 UJ	50.3 UJ	**17.4 J**
Vanadium	NE	NE	NE	**9.89**	**24.7**	**19.1**	**11.7**	**17.5**	**32.4 J**	**45.4 J**	**29.3 J**	**18.7**	**27.7**
Zinc	109	2480	10000	**108**	**311**	**201**	**12.7 J**	**204**	**307 J**	**210 J**	**25.9 J**	**218**	**262 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.215 U	0.243 U	0.285 U	0.236 U	0.223 U	0.223 U	0.295 U	0.228 U	0.214 U	0.234 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-217 (0-5) 8/1/2022	WW-SB-217 (5-10) 8/3/2022	WW-SB-217 (20-25) 8/3/2022	WW-SB-217 (40-45) 8/3/2022	WW-SB-218 (0-5) 8/1/2022	WW-SB-218 (5-10) 8/9/2022	WW-SB-218 (15-20) 8/9/2022	WW-SB-218 (35-40) 8/9/2022	WW-SB-219 (0-5) 7/29/2022	WW-SB-219 (5-10) 8/5/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-219 (10-15) 8/10/2022	WW-SB-219 (35-40) 8/10/2022	WW-SB-220 (0-5) 7/26/2022	WW-SB-220 (5-10) 8/5/2022	WW-SB-220 (15-20) 8/10/2022	WW-SB-220 (35-40) 8/10/2022	WW-SB-221 (0-5) 8/1/2022	WW-SB-221 (8-10) 8/2/2022	WW-SB-221 (15-18) 8/2/2022	WW-SB-221 (67-70) 8/2/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**5.12**	0.0026 U	0.0039 UJ	**15.9**	**8.76**	0.0025 U	0.0037 UJ	0.0036 U	**1.45**	0.0027 U
Toluene	0.7	0.7	100	**0.626**	0.0026 U	0.0039 UJ	**12.5 J**	**0.276**	0.0025 U	0.0037 UJ	0.0036 U	**1.36**	0.0027 U
Ethylbenzene	1	1	41	**33.5**	0.0026 U	0.0039 UJ	**201**	**15.1**	0.0025 U	0.0037 UJ	0.0036 U	**7.28**	0.0027 U
o-Xylene	0.26	1.6	100	**2**	0.0026 U	0.0039 UJ	**70.6**	**0.771**	0.0025 U	0.0037 UJ	0.0036 U	**2.46**	0.0027 U
m/p-Xylene	0.26	1.6	100	**3.77**	0.0052 U	0.0078 UJ	**78.7**	**1.37**	0.0049 U	0.0073 UJ	0.0072 U	**1.89**	0.0055 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**45.016**	ND	ND	**378.7**	**26.277**	ND	ND	ND	**14.44**	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	7.05 U	0.026 UJ	**0.0652 J**	326 U	5.84 U	0.0246 UJ	**0.15 J**	0.0361 UJ	4.99 U	0.0275 UJ
n-Butylbenzene	12	12	100	**22.5**	0.0026 U	0.0039 UJ	**15.1**	**8.81**	0.0025 U	0.0037 UJ	0.0036 U	**8.86**	0.0027 U
sec-Butylbenzene	11	11	100	**7.04**	0.0026 U	0.0039 UJ	13 U	**2.08**	0.0025 U	0.0037 UJ	0.0036 U	**15.8**	0.0027 U
tert-Butylbenzene	5.9	5.9	100	**0.395**	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	**1.56**	0.0027 U
Carbon disulfide	NE	NE	NE	**0.0676 J**	0.0026 U	**0.0083 J**	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	**0.0959 J**	0.0027 U
Chlorobenzene	1.1	1.1	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
Cyclohexane	NE	NE	NE	**36.1**	0.0026 U	0.0039 UJ	13 U	**19.3**	0.0025 U	0.0037 UJ	0.0036 U	**10.3**	0.0027 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**10.2**	0.0026 U	0.0039 UJ	**13.3**	**4.3**	0.0025 U	0.0037 UJ	0.0036 U	**11.3**	0.0027 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	1.69 UJ	0.0026 UJ	0.0039 UJ	78.2 UJ	1.4 UJ	0.0025 UJ	0.0037 UJ	0.0036 UJ	1.2 U	0.0027 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,1-Dichloroethane	0.27	0.27	26	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,1-Dichloroethene	0.33	0.33	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,2-Dichloropropane	NE	NE	NE	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
Isopropylbenzene	NE	NE	NE	**31.1**	0.0026 U	0.0039 UJ	**24.5**	**12.4**	0.0025 U	0.0037 UJ	0.0036 U	**12.8**	0.0027 U
Methyl acetate	NE	NE	NE	2.82 U	0.0026 U	0.0039 UJ	130 U	**1.32 J**	0.0025 U	0.0037 UJ	0.0036 U	2 U	0.0027 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	7.05 U	0.026 U	0.0391 UJ	326 U	5.84 U	0.0246 U	**0.0108 J**	0.0361 U	4.99 U	0.0275 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	2.82 U	0.026 U	0.0391 UJ	130 U	2.34 U	0.0246 U	0.0367 UJ	0.0361 U	2 U	0.0275 U
Methylcyclohexane	NE	NE	NE	**76.1**	0.0026 U	0.0039 UJ	**8.34 J**	**50.4**	0.0025 U	0.0037 UJ	0.0036 U	**47.8**	0.0027 U
Methylene chloride	0.05	0.05	100	1.41 U	0.013 U	0.0195 UJ	65.2 U	1.17 U	0.0123 U	0.0184 UJ	0.0181 U	**0.108 J**	0.0137 U
Naphthalene	12	12	100	**200**	**0.0014 J**	**0.0013 J**	**6880**	**157**	0.0025 U	**0.0012 J**	0.0036 U	**7.81**	0.0027 U
n-Propylbenzene	3.9	3.9	100	**21.3**	0.0026 U	0.0039 UJ	**6.78 J**	**8.74**	0.0025 U	0.0037 UJ	0.0036 U	**21.9**	0.0027 U
Styrene	NE	NE	NE	0.282 U	0.0026 U	0.0039 UJ	**3.65 J**	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
Tetrahydrofuran	NE	NE	NE	NA	0.0026 U	0.0039 UJ	NA	NA	0.0025 U	0.0037 UJ	0.0036 U	NA	0.0027 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,1,2-Trichloroethane	NE	NE	NE	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-219 (10-15) 8/10/2022	WW-SB-219 (35-40) 8/10/2022	WW-SB-220 (0-5) 7/26/2022	WW-SB-220 (5-10) 8/5/2022	WW-SB-220 (15-20) 8/10/2022	WW-SB-220 (35-40) 8/10/2022	WW-SB-221 (0-5) 8/1/2022	WW-SB-221 (8-10) 8/2/2022	WW-SB-221 (15-18) 8/2/2022	WW-SB-221 (67-70) 8/2/2022
Trichloroethene (TCE)	0.47	0.47	21	0.282 U	0.0026 U	0.0039 UJ	13 U	0.234 U	0.0025 U	0.0037 UJ	0.0036 U	0.2 U	0.0027 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**12.5**	0.0026 U	0.0039 UJ	**160**	**25.5**	0.0025 U	0.0037 UJ	0.0036 U	**2.92**	0.0027 U
1,3,5-Trimethylbenzene	8.4	8.4	52	**33.1**	0.0026 U	0.0039 UJ	**51.6**	**3.59**	0.0025 U	0.0037 UJ	0.0036 U	**0.415**	0.0027 U
Vinyl chloride	0.02	0.02	0.9	0.282 U	0.0052 U	0.0078 UJ	13 U	0.234 U	0.0049 U	0.0073 UJ	0.0072 U	0.2 U	0.0055 U
Total VOCs	NE	NE	NE	**495.4186**	**0.0014**	**0.0748**	**7541.97**	**319.717**	ND	**0.162**	ND	**156.1089**	ND
PAHs (mg/kg)													
Acenaphthene	20	98	100	**266**	**0.0528 J**	**0.501**	**1260**	**103**	**0.0302 J**	**0.359**	**0.278 J**	**3.66**	0.295 U
Acenaphthylene	100	107	100	**20.1**	**0.0324 J**	**2.38**	**128**	**5.3**	**0.0171 J**	**2.42**	**2.73**	**1.26**	0.295 U
Anthracene	100	1000	100	**121**	**0.0198 J**	**1.67**	**415**	**37.9**	0.275 U	**1.15**	**1.04**	**4.74**	0.295 U
Benzo(a)anthracene	1	1	1	**75.9**	**0.0314 J**	**5.04**	**244**	**23.8**	0.275 U	**4.18**	**3.13**	**14.1**	0.295 U
Benzo(b)fluoranthene	1	1.7	1	**67.4**	0.296 U	**4.92**	**73.5**	**17.5**	0.275 U	**5.31**	**3.09**	**16.1**	0.295 U
Benzo(k)fluoranthene	0.8	1.7	3.9	**24.6**	0.296 U	**4.29**	**98.6**	**6.66**	0.275 U	**4.42**	**2.82**	**10.4**	0.295 U
Benzo(g,h,i)perylene	100	1000	100	**29**	0.296 U	**4.61**	**50.4**	**7.33**	0.275 U	**5.63**	**3.44**	**15.7**	0.295 U
Benzo(a)pyrene	1	22	1	**82.2**	0.296 U	**7.44**	**172**	**22.6**	0.275 U	**8.04**	**5.03**	**24.1**	0.295 U
Chrysene	1	1	3.9	**68.7**	**0.0228 J**	**4.67**	**207**	**21.4**	0.275 U	**4.2**	**3.05**	**12.4**	0.295 U
Dibenz(a,h)anthracene	0.33	1000	0.33	**11.1**	0.296 U	**1.09**	**16.9**	**2.61**	0.275 U	**1.56**	**0.906**	**11.7**	0.295 U
Fluoranthene	100	1000	100	**112**	**0.0474 J**	**6.11**	**492**	**34.9**	0.275 U	**4.44**	**3.28**	**12.7**	0.295 U
Fluorene	30	386	100	**112**	**0.0313 J**	**0.325**	**686**	**35.5**	**0.0187 J**	**0.238 J**	**0.214 J**	**2.94**	0.295 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**35.3**	0.296 U	**5.75**	**62.8**	**8.62**	0.275 U	**6.53**	**4 J**	**16.7**	0.295 UJ
2-Methylnaphthalene	NE	NE	NE	**891**	**0.0677 J**	**0.49**	**2250**	**199**	**0.0485 J**	**1.22**	**0.642**	**1.86**	0.295 U
Naphthalene	12	12	100	**244**	**0.0625 J**	**0.969**	**4780**	**286**	**0.0236 J**	**2.34**	**1.33**	**6.26**	0.295 U
Phenanthrene	100	1000	100	**369**	**0.0841 J**	**2.49**	**1680**	**130**	**0.04 J**	**2.62**	**1.94**	**12.4**	0.295 U
Pyrene	100	1000	100	**146**	**0.048 J**	**7.13**	**707**	**47.5**	**0.0193 J**	**5.45**	**4.1**	**14**	0.295 U
Total PAHs	NE	NE	NE	**2675.3**	**0.5002**	**59.875**	**13323.2**	**989.62**	**0.1974**	**60.107**	**41.02**	**181.02**	ND
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	3.04 U	0.296 U	**0.0723 J**	0.586 U	1.27 U	0.275 U	**0.191 J**	**0.258 J**	0.333 U	0.295 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.304 U	0.0296 U	**0.0914**	**165**	**3.4**	0.0275 U	**0.158**	**0.0828**	**0.378**	0.0295 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	3.04 U	0.296 U	**1.02**	0.586 U	1.27 U	0.275 U	**0.178 J**	**0.154 J**	0.333 U	0.295 U
Butyl benzyl phthalate	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Caprolactam	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Carbazole	NE	NE	NE	**3.97**	0.296 U	**0.201 J**	**16.2**	**2.2**	0.275 U	**0.261 J**	**0.191 J**	**1.03**	0.295 U
2-Chloronaphthalene	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Dibenzofuran	7	210	59	**16.6**	0.296 U	**0.225 J**	**57.9**	**4.39**	0.275 U	**0.201 J**	**0.186 J**	**0.776**	0.295 U
Diethyl phthalate	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Dimethyl phthalate	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
2,4-Dimethylphenol	NE	NE	NE	3.04 U	0.296 U	0.288 R	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Di-n-butyl phthalate	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
2,6-Dinitrotoluene	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Di-n-octyl phthalate	NE	NE	NE	6.07 U	0.591 U	0.577 U	1.17 U	2.55 U	0.551 U	0.55 U	0.62 U	0.666 U	0.59 U
2-Methylnaphthalene	NE	NE	NE	**891**	**0.0677 J**	**0.49**	**2250**	**199**	**0.0485 J**	**1.22**	**0.642**	**1.86**	0.295 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	3.04 U	0.296 U	0.288 R	0.586 U	1.27 U	0.275 U	**0.0251 J**	0.31 U	0.333 U	0.295 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-219 (10-15) 8/10/2022	WW-SB-219 (35-40) 8/10/2022	WW-SB-220 (0-5) 7/26/2022	WW-SB-220 (5-10) 8/5/2022	WW-SB-220 (15-20) 8/10/2022	WW-SB-220 (35-40) 8/10/2022	WW-SB-221 (0-5) 8/1/2022	WW-SB-221 (8-10) 8/2/2022	WW-SB-221 (15-18) 8/2/2022	WW-SB-221 (67-70) 8/2/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	3.04 U	0.296 U	0.288 R	**0.931**	1.27 U	0.275 U	**0.0449 J**	**0.0503 J**	0.333 U	0.295 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	3.04 U	0.296 U	0.288 U	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Phenol	0.33	0.33	100	3.04 U	0.296 U	0.288 R	0.586 U	1.27 U	0.275 U	0.275 U	0.31 U	0.333 U	0.295 U
Total SVOCs	NE	NE	NE	**2695.87**	**0.5002**	**61.4847**	**13563.231**	**999.61**	**0.1974**	**61.166**	**41.9421**	**183.204**	ND
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	**0.05 J**	NA	NA	NA	**0.08 J**	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	**0.05**	NA	NA	NA	**0.08**	NA	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0017 U	NA	NA	NA	0.0017 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.126 J**	NA	NA	NA	**0.144 J**	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0166 J**	NA	NA	NA	**0.0265 J**	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.0131**	NA	NA	NA	**0.0212**	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.0157**	NA	NA	NA	**0.0068 JN**	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	**0.0067**	NA	NA	NA	**0.0023 J**	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	**0.013 J**	NA	NA	NA	0.0028 U	NA	NA	NA

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Dieldrin	0.005	0.1	0.2	NA	NA	**0.0069 JN**	NA	NA	NA	**0.0052 J**	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.0029 U	NA	NA	NA	**0.0017 J**	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0029 U	NA	NA	NA	0.0028 U	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	**0.0091 J**	NA	NA	NA	0.0028 U	NA	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.209 U	NA	NA	NA	0.204 U	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.209 U	NA	NA	NA	0.204 U	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	**16.1 J**	NA	NA	NA	**13 J**	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	20.7 U	NA	NA	NA	20.1 U	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	0.01 U	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.011 U	NA	NA	NA	0.01 U	NA	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**5080 J**	**2490 J**	**6080**	**3630**	**5860 J**	**2370 J**	**5760**	**4980 J**	**4030 J**	**3920**
Antimony	NE	NE	NE	3.39 UJ	1.78 UJ	2.63 U	2.3 U	3.06 UJ	2.27 UJ	2.59 U	2.27 UJ	1.91 UJ	2.64 U
Arsenic	13	16	16	**4.55 J**	**1.8 J**	**9.23**	**5.8**	**17.3 J**	2.27 UJ	**7.48**	**9.84**	**14.1**	**1.35 J**
Barium	350	820	400	**52.3 J**	**26.3 J**	**95.9**	**36.9**	**306 J**	**10.1 J**	**74.9**	**115 J**	**24.3 J**	**26.7**
Beryllium	7.2	47	72	**0.39 J**	**0.35 J**	**0.4 J**	**0.28 J**	**0.72 J**	**0.37 J**	**0.34 J**	**0.39 J**	**0.4 J**	**0.41 J**
Cadmium	2.5	7.5	4.3	2.71 UJ	**1.68 J**	2.1 UJ	1.84 U	2.45 UJ	1.82 UJ	2.08 U	1.81 U	1.53 U	2.11 U
Calcium	NE	NE	NE	**3690 J**	**2300 J**	**37500**	**15400**	**16500 J**	**1820 J**	**20900**	**11300 J**	**2290 J**	**8730 J**
Chromium	30	NE	180	**4.81 J**	**8 J**	**35.1**	**10.4**	**11.4 J**	**5.77 J**	**27.9**	**25.2 J**	**7.05 J**	**10.4 J**
Cobalt	NE	NE	NE	**3.85 J**	**4.66 J**	**4.31 J**	**6.07 J**	**4.51 J**	**6.6 J**	**6.21 J**	**6.17 J**	**4.7 J**	**7.78 J**
Copper	50	1720	270	**11.7 J**	**4.36 J**	**39.8**	**30.9**	**167 J**	**7.15 J**	**87.8**	**59.5 J**	**13.5 J**	**10 J**
Iron	NE	NE	NE	**12000 J**	**36800 J**	**15200**	**15100**	**18200 J**	**27500 J**	**23400**	**16100 J**	**11700 J**	**22900**
Lead	63	450	400	**23 J**	35.6 UJ	**154**	**201**	**1230 J**	45.4 UJ	**123**	**254 J**	**31.8 J**	**4.85 J**
Magnesium	NE	NE	NE	**823 J**	**1760 J**	**4860**	**8420 J**	**1230 J**	**1750 J**	**3480**	**4220 J**	**1430 J**	**4750**
Manganese	1600	2000	2000	**126 J**	**664 J**	**217**	**89.9**	**426 J**	**894 J**	**324**	**247 J**	**73.3 J**	**423**
Mercury	0.18	0.73	0.81	0.033 UJ	0.032 UJ	**0.338**	**0.12**	**1.36 J**	0.025 UJ	**0.25**	**0.599 J**	**0.416 J**	0.025 U
Nickel	30	130	310	**11.6 J**	**5.15 J**	**38.5**	**13.1 J**	**12.2 J**	**5.4 J**	**30.1**	**37.2**	**13.4 J**	**11.4 J**
Potassium	NE	NE	NE	**421 J**	**346 J**	**1070 J**	**847 J**	**620 J**	**366 J**	**1290 J**	**894 J**	**592 J**	**884 J**
Selenium	3.9	4	180	3.39 UJ	1.78 UJ	**1.52 J**	2.3 UJ	**2.26 J**	2.27 UJ	2.59 UJ	**0.54 J**	1.91 UJ	2.64 U
Silver	2	8.3	180	2.71 U	**0.88 J**	2.1 UJ	1.84 U	2.45 U	1.82 U	2.08 U	1.81 U	1.53 U	2.11 U
Sodium	NE	NE	NE	**296 J**	1780 U	**274 J**	2300 U	**808 J**	**315 J**	**808 J**	**630 J**	**1040 J**	**1490 J**
Thallium	NE	NE	NE	3.39 UJ	1.78 UJ	2.63 U	2.3 U	3.06 UJ	2.27 UJ	2.59 U	2.27 U	1.91 U	2.64 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-219 (10-15) 8/10/2022	WW-SB-219 (35-40) 8/10/2022	WW-SB-220 (0-5) 7/26/2022	WW-SB-220 (5-10) 8/5/2022	WW-SB-220 (15-20) 8/10/2022	WW-SB-220 (35-40) 8/10/2022	WW-SB-221 (0-5) 8/1/2022	WW-SB-221 (8-10) 8/2/2022	WW-SB-221 (15-18) 8/2/2022	WW-SB-221 (67-70) 8/2/2022
Tin	NE	NE	NE	67.8 UJ	35.6 UJ	52.6 UJ	45.9 U	**63.2 J**	45.4 UJ	51.9 U	45.3 U	38.2 U	52.8 U
Vanadium	NE	NE	NE	**10.8 J**	**17.1 J**	**16.6**	**16**	**25.3 J**	**14.9 J**	**17.4**	**22.3 J**	**16.8 J**	**24.3**
Zinc	109	2480	10000	**16.5 J**	**15.7 J**	**175**	**107 J**	**163 J**	**20.3 J**	**226**	**243 J**	**23.4 J**	**32.1**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.301 U	0.247 U	0.227 U	0.231 U	0.281 U	0.228 U	0.223 U	0.243 U	0.272 U	0.242 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-219 (10-15) 8/10/2022	WW-SB-219 (35-40) 8/10/2022	WW-SB-220 (0-5) 7/26/2022	WW-SB-220 (5-10) 8/5/2022	WW-SB-220 (15-20) 8/10/2022	WW-SB-220 (35-40) 8/10/2022	WW-SB-221 (0-5) 8/1/2022	WW-SB-221 (8-10) 8/2/2022	WW-SB-221 (15-18) 8/2/2022	WW-SB-221 (67-70) 8/2/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	**781**	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0031 U	0.004 U	**0.0125**	**3.86**	0.0028 U	0.0032 U	**0.0018 J**	**0.475**	0.0025 U	0.0046 UJ
Toluene	0.7	0.7	100	0.0031 U	0.004 U	**0.007**	**1.52**	0.0028 U	0.0032 U	**0.0012 J**	**0.274 J**	0.0025 U	0.0046 UJ
Ethylbenzene	1	1	41	0.0031 U	0.004 U	**0.0018 J**	**51.2**	0.0028 U	0.0032 U	0.0028 U	**6.8**	0.0025 U	0.0046 UJ
o-Xylene	0.26	1.6	100	0.0031 U	0.004 U	**0.0021 J**	**5.35**	0.0028 U	0.0032 U	0.0028 U	**0.838**	0.0025 U	0.0046 UJ
m/p-Xylene	0.26	1.6	100	0.0063 U	0.008 U	**0.0027 J**	**3.63**	0.0057 U	0.0065 U	0.0057 U	**0.467 J**	0.0049 U	0.0092 UJ
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	**0.0261**	**65.56**	ND	ND	**0.003**	**8.854**	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0314 UJ	0.0399 UJ	**0.053 J**	8.12 U	**0.0131 J**	0.0324 UJ	**0.0211 J**	10.1 U	0.0247 U	**0.172 J**
n-Butylbenzene	12	12	100	0.0031 U	0.004 U	0.0038 U	**22.2**	0.0028 U	0.0032 U	0.0028 U	**8.48**	0.0025 U	0.0046 UJ
sec-Butylbenzene	11	11	100	0.0031 U	0.004 U	0.0038 U	**21.4**	0.0028 U	0.0032 U	**0.0019 J**	**24.3**	0.0025 U	0.0046 UJ
tert-Butylbenzene	5.9	5.9	100	0.0031 U	0.004 U	0.0038 U	**3.45**	0.0028 U	0.0032 U	0.0028 U	**4.5**	0.0025 U	0.0046 UJ
Carbon disulfide	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	**0.104 J**	0.0028 U	0.0032 U	0.0028 U	**0.145 J**	0.0025 U	0.0046 UJ
Chlorobenzene	1.1	1.1	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Chloroform (Trichloromethane)	0.37	0.37	49	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Cyclohexane	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	**20**	0.0028 U	0.0032 U	0.0028 U	**4.46**	0.0025 U	0.0046 UJ
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	**19.3**	0.0028 U	0.0032 U	**0.0015 J**	**1.11**	0.0025 U	0.0046 UJ
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0031 UJ	0.004 U	0.0038 UJ	1.95 U	0.0028 U	0.0032 U	0.0028 UJ	2.42 UJ	0.0025 U	0.0046 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,1-Dichloroethane	0.27	0.27	26	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,1-Dichloroethene	0.33	0.33	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
trans-1,2-Dichloroethene	0.19	0.19	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,2-Dichloropropane	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Isopropylbenzene	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	**17.4**	0.0028 U	0.0032 U	0.0028 U	**16.2**	0.0025 U	0.0046 UJ
Methyl acetate	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	3.25 U	0.0028 U	0.0032 U	0.0028 U	4.03 U	0.0025 U	0.0046 UJ
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0314 U	0.0399 U	0.0381 U	8.12 U	**0.0065 J**	0.0324 U	0.0285 U	10.1 U	0.0247 U	**0.0147 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0314 U	0.0399 U	0.0381 U	3.25 U	0.0284 U	0.0324 U	0.0285 U	4.03 U	0.0247 U	0.0458 UJ
Methylcyclohexane	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	**122**	0.0028 U	0.0032 U	0.0028 U	**61.4**	0.0025 U	0.0046 UJ
Methylene chloride	0.05	0.05	100	0.0157 U	0.0199 U	0.019 U	1.62 U	0.0142 U	0.0162 U	0.0142 U	2.01 U	0.0124 U	0.0229 UJ
Naphthalene	12	12	100	0.0031 U	0.004 U	**0.0045**	**497**	**0.0011 J**	**0.0017 J**	**0.0009 J**	**20.3**	0.0025 U	0.0046 UJ
n-Propylbenzene	3.9	3.9	100	0.0031 U	0.004 U	0.0038 U	**18.8**	0.0028 U	0.0032 U	0.0028 U	**7.59**	0.0025 U	0.0046 UJ
Styrene	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Tetrahydrofuran	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	NA	0.0028 U	0.0032 U	0.0028 U	NA	0.0025 U	0.0046 UJ
1,2,3-Trichlorobenzene	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 UJ	0.0046 UJ
1,1,2-Trichloroethane	NE	NE	NE	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70)	WW-SB-222 (0-5)	WW-SB-222 (8-10)	WW-SB-222 (11-15)	WW-SB-222 (48-50)	WW-SB-223 (0-5)	WW-SB-223 (7-10)	WW-SB-223 (16-20)	WW-SB-223 (42-45)	WW-SB-224 (0.5-5)
Sample Depth (feet)													
Sample Date				8/2/2022	7/25/2022	8/1/2022	8/1/2022	8/1/2022	7/26/2022	8/2/2022	8/2/2022	8/2/2022	8/4/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0031 U	0.004 U	0.0038 U	0.325 U	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0031 U	0.004 U	**0.0028 J**	**98**	0.0028 U	0.0032 U	0.0028 U	**9.38**	0.0025 U	0.0046 UJ
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0031 U	0.004 U	**0.0013 J**	**1.45**	0.0028 U	0.0032 U	0.0028 U	0.403 U	0.0025 U	0.0046 UJ
Vinyl chloride	0.02	0.02	0.9	0.0063 U	0.008 U	0.0076 U	0.325 U	0.0057 U	0.0065 U	0.0057 U	0.403 U	0.0049 UJ	0.0092 UJ
Total VOCs	NE	NE	NE	ND	ND	**0.0877**	**906.664**	**0.0207**	**0.0017**	**0.0284**	**166.719**	ND	**0.1867**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.299 U	**0.414**	**0.0204 J**	**159**	0.288 U	**0.245 J**	**0.109 J**	**135**	**0.0357 J**	**0.588**
Acenaphthylene	100	107	100	0.299 U	**2.53**	**0.0403 J**	**16.2**	0.288 U	**1.43**	**0.289 J**	**12.6**	0.276 U	**4.26**
Anthracene	100	1000	100	0.299 U	**1.5**	**0.0684 J**	**69**	0.288 U	**0.696**	**0.215 J**	**61**	**0.0192 J**	**1.8**
Benzo(a)anthracene	1	1	1	0.299 U	**4.46**	**0.42**	**39.6**	0.288 U	**2.29**	**0.553**	**39.1**	0.276 U	**6.05**
Benzo(b)fluoranthene	1	1.7	1	0.299 U	**4.83**	**0.476**	**14.7**	0.288 U	**2.4**	**0.495**	**22.8**	0.276 U	**7.49**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.299 U	**3.76**	**0.309**	**16.7**	0.288 U	**1.93**	**0.471**	**17**	0.276 U	**5.36**
Benzo(g,h,i)perylene	100	1000	100	0.299 U	**4.71**	**0.45**	**11.2**	0.288 U	**2.28**	**0.496**	**20.4**	0.276 U	**6.58**
Benzo(a)pyrene	1	22	1	0.299 U	**7.04**	**0.552**	**31.2**	0.288 U	**3.45**	**0.769**	**45.5**	0.276 U	**10.3**
Chrysene	1	1	3.9	0.299 U	**4.28**	**0.515**	**35.8**	0.288 U	**2.32**	**0.545**	**36.4**	0.276 U	**5.99**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.299 U	**1.08**	**0.113 J**	**3.77 J**	0.288 U	**0.604**	**0.139 J**	**15.1**	0.276 U	**1.59**
Fluoranthene	100	1000	100	0.299 U	**5.27**	**0.789**	**69.6**	0.288 U	**2.41**	**0.818**	**54.4**	0.276 U	**8.5**
Fluorene	30	386	100	0.299 U	**0.311**	**0.0329 J**	**66.5**	0.288 U	**0.179 J**	**0.0707 J**	**2.45**	0.276 U	**0.564**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.299 UJ	**5.75**	**0.532**	**13**	0.288 U	**2.67**	**0.607**	**23.7**	0.276 UJ	**7.03**
2-Methylnaphthalene	NE	NE	NE	0.299 U	**0.53**	**0.0406 J**	**38.1**	0.288 U	**0.242 J**	**0.0584 J**	**3.12**	0.276 U	**0.856**
Naphthalene	12	12	100	0.299 U	**1.1**	**0.14 J**	**225**	**0.0204 J**	**0.556**	**0.113 J**	**9.24**	0.276 U	**1.58**
Phenanthrene	100	1000	100	0.299 U	**3.3**	**0.391**	**194**	0.288 U	**1.26**	**0.61**	**150**	**0.0251 J**	**4.1**
Pyrene	100	1000	100	0.299 U	**5.93**	**0.785**	**101**	0.288 U	**3.05**	**0.886**	**96.7**	**0.0221 J**	**9.38**
Total PAHs	NE	NE	NE	ND	**56.795**	**5.6746**	**1104.37**	**0.0204**	**28.012**	**7.2441**	**744.51**	**0.1021**	**82.018**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	**0.0244 J**	0.438 U	0.276 U	**0.123 J**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0299 U	**0.096**	0.0284 U	0.509 U	0.0288 U	**0.0438**	0.029 U	0.0438 U	0.0276 U	**0.12**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.299 U	**0.215 J**	0.284 U	5.09 U	0.288 U	**0.0652 J**	**0.0908 J**	0.438 U	0.276 U	**0.137 J**
Butyl benzyl phthalate	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	2.88 U	**0.0446 J**	0.438 U	0.276 U	**0.0944 J**
Caprolactam	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Carbazole	NE	NE	NE	0.299 U	**0.325**	**0.0236 J**	**1.59 J**	0.288 U	**0.131 J**	**0.0539 J**	**1.23**	0.276 U	**0.327**
2-Chloronaphthalene	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Dibenzofuran	7	210	59	0.299 U	**0.224 J**	0.284 U	**11.2**	0.288 U	**0.0763 J**	**0.0465 J**	**4.16**	0.276 U	**0.259 J**
Diethyl phthalate	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Dimethyl phthalate	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
2,4-Dimethylphenol	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Di-n-butyl phthalate	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
2,6-Dinitrotoluene	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Di-n-octyl phthalate	NE	NE	NE	0.597 U	0.537 U	0.568 U	10.2 U	0.576 U	0.595 U	0.581 U	0.876 U	0.551 U	0.562 U
2-Methylnaphthalene	NE	NE	NE	0.299 U	**0.53**	**0.0406 J**	**38.1**	0.288 U	**0.242 J**	**0.0584 J**	**3.12**	0.276 U	**0.856**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Phenol	0.33	0.33	100	0.299 U	0.268 U	0.284 U	5.09 U	0.288 U	0.297 U	0.29 U	0.438 U	0.276 U	0.281 U
Total SVOCs	NE	NE	NE	ND	**57.655**	**5.6982**	**1117.16**	**0.0204**	**28.3283**	**7.5043**	**749.9**	**0.1021**	**83.0784**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA	0.06 U
Aroclor 1248	NE	NE	NE	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA	0.06 U
Aroclor 1254	NE	NE	NE	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA	0.06 U
Aroclor 1260	NE	NE	NE	NA	**0.07**	NA	NA	NA	**0.07 J**	NA	NA	NA	**0.07**
Aroclor 1268	NE	NE	NE	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	NA	0.06 U
Total PCB Aroclors	0.1	3.2	1	NA	**0.07**	NA	NA	NA	**0.07**	NA	NA	NA	**0.07**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.0016 U	NA	NA	NA	0.0018 U	NA	NA	NA	0.0016 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
Chlordane (Technical)	NE	NE	NE	NA	**0.102 J**	NA	NA	NA	**0.0798**	NA	NA	NA	**0.0271 J**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	**0.0126 J**	NA	NA	NA	**0.0127**	NA	NA	NA	**0.0033**
gamma-Chlordane	NE	NE	NE	NA	**0.0105**	NA	NA	NA	**0.0118**	NA	NA	NA	**0.0022 J**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	**0.0144**	NA	NA	NA	0.003 U	NA	NA	NA	**0.0207 J**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	**0.0038 J**	NA	NA	NA	0.003 U	NA	NA	NA	**0.0029**
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	**0.0076 J**	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
Dieldrin	0.005	0.1	0.2	NA	**0.0054 JN**	NA	NA	NA	**0.0092 J**	NA	NA	NA	**0.0057 J**
alpha-Endosulfan (I)	2.4	102	24	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
beta-Endosulfan (II)	2.4	102	24	NA	0.0027 U	NA	NA	NA	**0.0047 J**	NA	NA	NA	0.0027 UJ
Endosulfan sulfate	2.4	1000	24	NA	0.0027 U	NA	NA	NA	**0.0028 J**	NA	NA	NA	0.0027 U
Endrin	0.014	0.06	11	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
Endrin aldehyde	NE	NE	NE	NA	0.0027 U	NA	NA	NA	**0.007**	NA	NA	NA	0.0027 U
Endrin ketone	NE	NE	NE	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 UJ
Heptachlor	0.042	0.38	2.1	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
Heptachlor epoxide	NE	NE	NE	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
Hexachlorobenzene	0.33	3.2	1.2	NA	0.0027 U	NA	NA	NA	0.003 U	NA	NA	NA	0.0027 U
Methoxychlor	NE	NE	NE	NA	0.0027 U	NA	NA	NA	**0.0118**	NA	NA	NA	0.0027 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.197 U	NA	NA	NA	0.211 U	NA	NA	NA	0.208 U
Dicamba	NE	NE	NE	NA	0.01 U	NA	NA	NA	0.011 U	NA	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	0.197 U	NA	NA	NA	0.211 U	NA	NA	NA	0.208 U
Mecoprop (MCPP)	NE	NE	NE	NA	19.7 U	NA	NA	NA	**9.22 J**	NA	NA	NA	20.8 U
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	19.5 U	NA	NA	NA	20.9 U	NA	NA	NA	**6.03 J**
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	0.01 U	NA	NA	NA	0.011 U	NA	NA	NA	0.011 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	0.01 U	NA	NA	NA	0.011 U	NA	NA	NA	0.011 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4400**	**6100**	**4700**	**6690**	**5130**	**6710**	**7250 J**	**3440 J**	**4060 J**	**8100**
Antimony	NE	NE	NE	2.21 U	2.61 U	1.5 U	2.92 U	1.92 U	2.62 U	1.97 UJ	3.19 UJ	1.77 R	2.64 U
Arsenic	13	16	16	**1.47 J**	**6.08**	**1.39 J**	**27.1**	**2.47**	**6.2**	**8.91**	**11.5**	**0.74 J**	**17.5**
Barium	350	820	400	**23.6**	**113**	**36**	**59.1**	**56.5**	**88.2**	**146 J**	**18.3 J**	**41 J**	**117**
Beryllium	7.2	47	72	**0.4 J**	**0.37 J**	**0.27 J**	**0.68 J**	**0.7 J**	**0.42 J**	**0.4 J**	**0.27 J**	**0.41 J**	**0.56 J**
Cadmium	2.5	7.5	4.3	1.77 U	2.09 UJ	1.2 U	2.34 U	1.53 U	2.09 UJ	1.57 U	2.55 U	1.42 U	2.11 U
Calcium	NE	NE	NE	**6660 J**	**14900**	**18300**	**126000**	**317**	**17000**	**18900 J**	**66800 J**	**13000 J**	**20900**
Chromium	30	NE	180	**11.5**	**13**	**7.35**	**9.23 J**	**23**	**13.7**	**20.4 J**	**4.89 J**	**11.4 J**	**24**
Cobalt	NE	NE	NE	**9.3**	**4.2 J**	**3.09 J**	**4.84 J**	**6.94 J**	**4.06 J**	**7.51 J**	**2.1 J**	**5.53 J**	**6.53 J**
Copper	50	1720	270	**12.5 J**	**56.8**	**7.36 J**	**26.3 J**	**10.2 J**	**37.7**	**40.7 J**	**12.9 J**	**9.85 J**	**63.3**
Iron	NE	NE	NE	**23300**	**13200**	**8590**	**10800**	**64800**	**13000**	**17200 J**	**3420 J**	**20300 J**	**17400**
Lead	63	450	400	**7.74 J**	**179**	**16.1 J**	**79.5**	**12 J**	**120**	**168 J**	**21.7 J**	**5.64 J**	**283**
Magnesium	NE	NE	NE	**3860**	**4310**	**9410**	**3970**	**855**	**4760**	**5020 J**	**890 J**	**4910 J**	**4190 J**
Manganese	1600	2000	2000	**382**	**172**	**425**	**182**	**336**	**293**	**283 J**	**82 J**	**359 J**	**256**
Mercury	0.18	0.73	0.81	**0.012 J**	**0.372**	**0.022 J**	**0.234**	0.032 U	**0.314**	**0.191 J**	**0.42 J**	0.021 U	**0.406**
Nickel	30	130	310	**12.2 J**	**14.6 J**	**6.23 J**	**13.1 J**	**6.52 J**	**12 J**	**24.4**	**4.13 J**	**9.43 J**	**19.1 J**
Potassium	NE	NE	NE	**911 J**	**1030 J**	**1070 J**	**1050 J**	**475 J**	**1400 J**	**1280 J**	**744 J**	**953 J**	**1470 J**
Selenium	3.9	4	180	2.21 U	**1.37 J**	1.5 UJ	**1.15 J**	1.92 UJ	**1.19 J**	1.97 UJ	3.19 UJ	1.77 UJ	2.64 UJ
Silver	2	8.3	180	1.77 U	2.09 UJ	1.2 U	2.34 U	1.53 U	2.09 UJ	1.57 U	2.55 U	1.42 U	2.11 U
Sodium	NE	NE	NE	**1680 J**	**337 J**	**1710**	**3910**	**1200 J**	**424 J**	**549 J**	**2110 J**	**813 J**	2640 U
Thallium	NE	NE	NE	2.21 U	2.61 U	1.5 U	2.92 U	1.92 U	2.62 U	1.97 U	3.19 U	1.77 U	2.64 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
Tin	NE	NE	NE	44.2 U	52.1 UJ	30 U	58.4 U	38.3 U	52.3 UJ	39.3 U	63.8 U	35.4 U	**12.3 J**
Vanadium	NE	NE	NE	**23.6**	**16.9**	**7.33**	**15.8**	**41.7**	**18**	**21.5 J**	**2.7 J**	**22.1 J**	**27.1**
Zinc	109	2480	10000	**39**	**184**	**19.9**	**42.3**	**45.5**	**147**	**211 J**	**22.6 J**	**28 J**	**301 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.241 U	0.222 U	0.228 U	0.293 U	0.236 U	0.233 U	0.237 U	0.335 U	0.219 U	0.224 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-221 (67-70) 8/2/2022	WW-SB-222 (0-5) 7/25/2022	WW-SB-222 (8-10) 8/1/2022	WW-SB-222 (11-15) 8/1/2022	WW-SB-222 (48-50) 8/1/2022	WW-SB-223 (0-5) 7/26/2022	WW-SB-223 (7-10) 8/2/2022	WW-SB-223 (16-20) 8/2/2022	WW-SB-223 (42-45) 8/2/2022	WW-SB-224 (0.5-5) 8/4/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**842**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0058 J**	**5.15**	0.0016 U	**0.0019 J**	0.002 U	**200**	0.0035 UJ	**0.0323**	**108**	**0.0013 J**
Toluene	0.7	0.7	100	**0.0043 J**	**0.831**	0.0016 U	0.0035 UJ	0.002 U	**215**	0.0035 UJ	**0.0404**	**29.8**	0.0026 U
Ethylbenzene	1	1	41	0.0027 U	**27**	0.0016 U	0.0035 UJ	0.002 U	**364**	0.0035 UJ	**0.0877**	**354**	**0.0073**
o-Xylene	0.26	1.6	100	0.0027 U	**18.1**	0.0016 U	0.0035 UJ	0.002 U	**271**	0.0035 UJ	**0.1**	**136**	**0.0037**
m/p-Xylene	0.26	1.6	100	0.0053 U	**3.64**	0.0031 U	0.007 UJ	0.0041 U	**543**	0.007 UJ	**0.164**	**220**	**0.0043 J**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0101**	**54.721**	ND	**0.0019**	ND	**1593**	ND	**0.4244**	**847.8**	**0.0166**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	**0.0728 J**	4.74 U	0.0156 UJ	**0.106 J**	0.0204 UJ	350 U	**0.0742 J**	0.0277 UJ	97.3 U	0.0259 UJ
n-Butylbenzene	12	12	100	0.0027 UJ	**9.88**	0.0016 U	0.0035 UJ	0.002 U	**10.1 J**	0.0035 UJ	**0.0038**	**7.08**	0.0026 U
sec-Butylbenzene	11	11	100	0.0027 UJ	**9.37**	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
tert-Butylbenzene	5.9	5.9	100	0.0027 UJ	**1.07**	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Carbon disulfide	NE	NE	NE	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Chlorobenzene	1.1	1.1	100	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Cyclohexane	NE	NE	NE	0.0027 U	**36.8**	0.0016 U	0.0035 UJ	0.002 U	**34.8**	0.0035 UJ	**0.006**	**11.1**	0.0026 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0027 UJ	**10**	0.0016 U	0.0035 UJ	0.002 U	**5.89 J**	0.0035 UJ	**0.0023 J**	**8.48**	0.0026 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0027 UJ	1.14 UJ	0.0016 UJ	0.0035 UJ	0.002 UJ	84.1 UJ	0.0035 UJ	0.0028 UJ	23.3 UJ	0.0026 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0027 UJ	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0027 UJ	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,1-Dichloroethane	0.27	0.27	26	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,1-Dichloroethene	0.33	0.33	100	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,2-Dichloropropane	NE	NE	NE	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Isopropylbenzene	NE	NE	NE	0.0027 UJ	**10.9**	0.0016 U	0.0035 UJ	0.002 U	**21.9**	0.0035 UJ	**0.0091**	**24.9**	**0.0009 J**
Methyl acetate	NE	NE	NE	0.0027 U	**1.24 J**	0.0016 U	0.0035 UJ	0.002 U	140 U	0.0035 UJ	0.0028 U	38.9 U	0.0026 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0266 U	4.74 U	0.0156 U	**0.01 J**	0.0204 U	350 U	**0.0062 J**	0.0277 U	97.3 U	0.0259 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0266 U	1.9 U	0.0156 U	0.0351 UJ	0.0204 U	140 U	0.035 UJ	0.0277 U	38.9 U	0.0259 U
Methylcyclohexane	NE	NE	NE	0.0027 U	**137 J**	0.0016 U	0.0035 UJ	0.002 U	**37**	0.0035 UJ	**0.008**	**11.8**	**0.0017 J**
Methylene chloride	0.05	0.05	100	0.0133 U	0.948 U	0.0078 U	0.0176 UJ	0.0102 U	**9.53 J**	0.0175 UJ	0.0138 U	**1.87 J**	0.013 U
Naphthalene	12	12	100	**0.001 J**	**137 J**	0.0016 U	0.0035 UJ	**0.0006 J**	**6310**	0.0035 UJ	**76.9**	**3680**	**3.91**
n-Propylbenzene	3.9	3.9	100	0.0027 U	**14.3**	0.0016 U	0.0035 UJ	0.002 U	**21**	0.0035 UJ	**0.0076**	**11.9**	**0.001 J**
Styrene	NE	NE	NE	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	**48.5**	0.0035 UJ	**0.0107**	**1.09 J**	0.0026 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0027 UJ	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
Tetrahydrofuran	NE	NE	NE	0.0027 U	NA	0.0016 U	0.0035 UJ	0.002 U	NA	0.0035 UJ	0.0028 U	NA	0.0026 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0027 UJ	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,1,2-Trichloroethane	NE	NE	NE	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0027 U	0.19 U	0.0016 U	0.0035 UJ	0.002 U	14 U	0.0035 UJ	0.0028 U	3.89 U	0.0026 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0027 UJ	**86.1 J**	0.0016 U	0.0035 UJ	0.002 U	**228**	0.0035 UJ	**3.12**	**176**	**0.007**
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0027 UJ	**0.243**	0.0016 U	0.0035 UJ	0.002 U	**82.1**	0.0035 UJ	**0.0429**	**60.7**	**0.0019 J**
Vinyl chloride	0.02	0.02	0.9	0.0053 U	0.19 U	0.0031 U	0.007 UJ	0.0041 U	14 U	0.007 UJ	0.0055 U	3.89 U	0.0052 U
Total VOCs	NE	NE	NE	**0.0839**	**508.624**	ND	**0.1179**	**0.0006**	**8401.82**	**0.0804**	**80.5348**	**4842.72**	**3.9391**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**3.2**	**28.4**	0.313 U	**0.398**	**0.407**	**367**	**2.04**	**1.49**	**181**	**0.0438 J**
Acenaphthylene	100	107	100	**17.8**	**8.61**	0.313 U	**3.73**	**3.19**	**1910**	**5.23**	**5.45**	**107**	**0.129 J**
Anthracene	100	1000	100	**10.9**	**18.9**	0.313 U	**1.63**	**1.37**	**1720**	**6.78**	**4.69**	**277**	**0.133 J**
Benzo(a)anthracene	1	1	1	**17.5**	**39.7**	0.313 U	**5.8**	**3.82**	**1340**	**13**	**9.51**	**222**	**0.101 J**
Benzo(b)fluoranthene	1	1.7	1	**32.4**	**53.3**	0.313 U	**7.44**	**4.26**	**703**	**11.3**	**12.2**	**143**	**0.0425 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	**10.4**	**20.9**	0.313 U	**5.21**	**4.38**	**672**	**7.57**	**7.23**	**104**	**0.0459 J**
Benzo(g,h,i)perylene	100	1000	100	**27.3**	**30**	0.313 U	**7.57**	**5.49**	**465**	**8.8**	**10.4**	**57.9**	**0.0334 J**
Benzo(a)pyrene	1	22	1	**43.4**	**62.5**	0.313 U	**10.2**	**7.22**	**1070**	**14.4**	**16.5**	**183**	**0.079 J**
Chrysene	1	1	3.9	**18.3**	**35.1**	0.313 U	**5.45**	**3.93**	**1110**	**12.2**	**8.84**	**178**	**0.0846 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	**6.54**	**11.1**	0.313 U	**1.78**	**1.35**	**172**	**2.01**	**4.02**	**22.7**	0.283 U
Fluoranthene	100	1000	100	**16.7**	**31.3**	0.313 U	**5.15**	**3.86**	**2850**	**20.6**	**9.62**	**466**	**0.188 J**
Fluorene	30	386	100	**6.52**	**13.9**	0.313 U	**0.298 J**	**0.472**	**1750**	**3.09**	**3.3**	**284**	**0.12 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**30.5 J**	**42.3 J**	0.313 UJ	**9.01**	**5.68**	**622**	**10.6**	**12.5**	**88.8**	**0.0394 J**
2-Methylnaphthalene	NE	NE	NE	**21.2**	**24.2**	0.313 U	**0.81**	**1.36**	**3320**	**1.22**	**8.83**	**595**	**0.179 J**
Naphthalene	12	12	100	**39.2**	**61.8**	**0.021 J**	**1.34**	**2.49**	**10900**	**1.27**	**23.4**	**2000**	**0.61**
Phenanthrene	100	1000	100	**20.7**	**51.9**	0.313 U	**2.84**	**3.27**	**5030**	**17.8**	**12.8**	**745**	**0.46**
Pyrene	100	1000	100	**26.1**	**35.8**	0.313 U	**7.28**	**7.29**	**2450**	**20**	**12.1**	**367**	**0.264 J**
Total PAHs	NE	NE	NE	**348.66**	**569.71**	**0.021**	**75.936**	**59.839**	**36451**	**157.91**	**162.88**	**6021.4**	**2.5526**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	**1.83**	1.5 U	0.313 U	**0.139 J**	**0.118 J**	5.75 U	**0.0875 J**	**0.413**	6.65 U	0.283 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**2.67**	**4.86**	0.0313 U	**0.127**	**0.156**	**497**	**0.206**	**1.08**	**74.8**	**0.0306**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.659 U	1.5 U	0.313 U	**0.085 J**	**0.065 J**	5.75 U	**0.0803 J**	**0.231 J**	6.65 U	0.283 U
Butyl benzyl phthalate	NE	NE	NE	0.659 U	**0.348 J**	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
Caprolactam	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	**0.0688 J**	5.75 U	0.36 U	**0.121 J**	**8.07**	0.283 U
Carbazole	NE	NE	NE	**1.09**	**2.91**	0.313 U	**0.256 J**	**0.187 J**	**629**	**0.955**	**1.31**	**58.5**	**0.0304 J**
2-Chloronaphthalene	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
Dibenzofuran	7	210	59	**1.69**	**2.81**	0.313 U	**0.27 J**	**0.196 J**	**1130**	**1.49**	**2.12**	**175**	**0.0598 J**
Diethyl phthalate	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
Dimethyl phthalate	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
2,4-Dimethylphenol	NE	NE	NE	**0.342 J**	1.5 U	0.313 U	0.363 U	**0.0369 J**	**64.6**	**0.0415 J**	**0.113 J**	**2.18 J**	0.283 U
Di-n-butyl phthalate	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	**0.0406 J**	5.75 U	0.36 U	**0.0835 J**	6.65 U	0.283 U
2,6-Dinitrotoluene	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
Di-n-octyl phthalate	NE	NE	NE	1.32 U	3 U	0.626 U	0.727 U	0.522 U	11.5 U	0.719 U	0.603 U	13.3 U	0.565 U
2-Methylnaphthalene	NE	NE	NE	**21.2**	**24.2**	0.313 U	**0.81**	**1.36**	**3320**	**1.22**	**8.83**	**595**	**0.179 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	**0.18 J**	1.5 U	0.313 U	0.363 U	**0.022 J**	**26.7**	**0.0436 J**	**0.0762 J**	6.65 U	0.283 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.431 J**	1.5 U	0.313 U	0.363 U	**0.039 J**	**59.8**	**0.0945 J**	**0.183 J**	6.65 U	0.283 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	5.75 U	0.36 U	0.301 U	6.65 U	0.283 U
Phenol	0.33	0.33	100	0.659 U	1.5 U	0.313 U	0.363 U	0.261 U	**41**	**0.0661 J**	**0.159 J**	**1.83 J**	0.283 U
Total SVOCs	NE	NE	NE	**356.893**	**580.638**	**0.021**	**76.813**	**60.7683**	**38899.1**	**160.9745**	**168.7697**	**6341.78**	**2.6734**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	**3.63 J**	**43.4 J**	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	**25.8 J**	**16.8 J**	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	**13.5 J**	**28.4 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	**3.84 J**	**25.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	**7.45 JN**	**5.43 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	**16.9 JN**	**35.3 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	**11.7 JN**	**86.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	**4.43 JN**	**73 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	**1.95 JN**	**33.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	**21.2 J**	**50.1 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	**31.6 J**	**58 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	**10.4**	**20.9**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	**24.7 J**	**53.1 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	**2.13 J**	**7.18 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	**0.928 J**	**2.48 J**	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	**2.24 J**	**5.96 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	**59.9 J**	**54.6 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	**46.7 J**	**86.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	**33 J**	**45.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	**1.32 J**	**8.56 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	**1.07 JN**	**7.52 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	**1.05 JN**	**7.74 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	**0.787 JN**	**5.66 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	**0.448 JN**	**2.66 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**3.12 J**	**8.47 J**	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	**0.289 J**	**4.67 J**	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	**0.0773 J**	**5.19 J**	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	**18.3**	**35.1**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	**20 JN**	**34.5 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	**13.1 JN**	**20.5 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	**7.21 JN**	**11 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	**3.8 JN**	**5.45 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	**20.2 J**	**42 J**	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
Coronene	NE	NE	NE	**16.6 J**	**17.1 J**	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**0.335 J**	**7.95 J**	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	**0.0548 J**	**2.46 J**	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	**0.237 J**	**15.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	**0.822 JN**	**35.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	**1.31 JN**	**27.9 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	**1.31 JN**	**15.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	**1.6 JN**	**13.5 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	**13.2 J**	**19.1 J**	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	**1.03 J**	**4.55 J**	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	**1.58 J**	**8.04 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	**2.42 JN**	**10.8 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	**2.86 JN**	**9.66 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	**2.4 JN**	**5.42 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	**1.24 JN**	**2.05 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	**8.27 J**	**33.5 J**	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	**15.3 J**	**40.4 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	**28.7 JN**	**54.2 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	**17.4 JN**	**23 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	**10.1 JN**	**12.6 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	**3.45 J**	**19.6 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	**3.21 JN**	**13.8 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	**4.94 JN**	**12.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	**4.05 JN**	**7.02 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**61.9 J**	**79.3 J**	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	**0.41 J**	**8.13 J**	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	**2.54 J**	**92 J**	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	**8.45 J**	**77.4 J**	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	**17.3 J**	**37 J**	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	**3.44 J**	**4.82 J**	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	**4.32 J**	**6.3 J**	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	**36 J**	**112 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	**15.9 JN**	**69 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	**10.6 JN**	**72 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	**5.8 JN**	**39.1 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	**3.53 JN**	**16.9 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	**5.06 JN**	**9.58 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	**3.69 JN**	**6 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	**2.64 JN**	**3.2 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	**0.913 JN**	**1.03 JN**	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	**12.4 J**	**19.3 J**	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
Phenanthrene	100	1000	100	**15.6 J**	**65.1 J**	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	**15.8 JN**	**52.3 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	**11.6 JN**	**29.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	**6.11 JN**	**10.5 JN**	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	**2.3 JN**	**3.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**0.763 J**	**12.5 J**	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	**25.9 J**	**45.8 J**	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	0.027 U	**0.479 J**	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	**7.57 J**	**3.44 J**	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	**8.6 J**	**6.25 J**	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	**1.51 J**	**24.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	**5.01 J**	**64 J**	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**1.68 J**	**0.607 J**	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	**5.5 J**	**14.9 J**	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**13.5 J**	**12.6 J**	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	**5.73 J**	**5.64 J**	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	**11.1**	**95.9**	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	**2.72**	**4.65**	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	**3.61**	**144**	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	**4.98**	**6.52**	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	**5.63**	**19**	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	**1.5**	**1.74**	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	**1.11**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	**1.81**	**2.74**	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	**1.66**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	**2.27**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	**4.27**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	**4.63**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	**0.897**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	**6.9**	**9.15**	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	**2.2**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	**2.34**	**6.07**	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	**1.31**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	**7.92**	**13.2**	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	**1.59**	**3.88**	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	**14.7**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	**6.96**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	**6.56**	**5.32**	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	**3.52**	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4									
Sample Name				WW-SB-224	WW-SB-224	WW-SB-224	WW-SB-225	WW-SB-225	WW-SB-225	WW-SB-226	WW-SB-226	WW-SB-226	WW-SB-226
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(5-10)	(15-20)	(35-40)	(0-5)	(5-10)	(20-25)	(0-5)	(5-10)	(20-25)	(35-40)
Sample Date				8/10/2022	8/10/2022	8/10/2022	7/22/2022	7/29/2022	7/29/2022	7/22/2022	7/29/2022	7/29/2022	7/29/2022
C-34	NE	NE	NE	0.539 U	**12.5**	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	0.539 U	1.63 U	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	**7.44**	**59.6**	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	**10.6**	**22.7**	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	**2.3**	**18.2**	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	**3.34**	**27.5**	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	**1.49**	**35.4**	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	**2.58**	**30.4**	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	**2.04**	**46.9**	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	NA	0.03 U	NA	NA	0.03 U	NA	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	NA	0.03 U	NA	NA	0.03 U	NA	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	NA	**0.1 J**	NA	NA	**0.1**	NA	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	NA	**0.07**	NA	NA	**0.06 J**	NA	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	0.03 U	NA	NA	0.03 U	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	**0.17**	NA	NA	**0.16**	NA	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	0.0016 U	NA	NA	0.0016 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	**0.0822**	NA	NA	**0.0516**	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	**0.0114**	NA	NA	**0.0056**	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	**0.0096**	NA	NA	**0.0052**	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	0.0026 U	NA	NA	**0.0134 J**	NA	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	**0.0027 J**	NA	NA	**0.0024 J**	NA	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10)	WW-SB-224 (15-20)	WW-SB-224 (35-40)	WW-SB-225 (0-5)	WW-SB-225 (5-10)	WW-SB-225 (20-25)	WW-SB-226 (0-5)	WW-SB-226 (5-10)	WW-SB-226 (20-25)	WW-SB-226 (35-40)
Sample Depth (feet)													
Sample Date				8/10/2022	8/10/2022	8/10/2022	7/22/2022	7/29/2022	7/29/2022	7/22/2022	7/29/2022	7/29/2022	7/29/2022
Dieldrin	0.005	0.1	0.2	NA	NA	NA	**0.0076 JN**	NA	NA	**0.0076 J**	NA	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	**0.0033 JN**	NA	NA	**0.0037 JN**	NA	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Endrin	0.014	0.06	11	NA	NA	NA	0.0026 U	NA	NA	**0.007 J**	NA	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	0.0026 U	NA	NA	0.0027 U	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	0.0026 U	NA	NA	**0.0105 J**	NA	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.191 U	NA	NA	0.2 U	NA	NA	NA
Dicamba	NE	NE	NE	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	0.191 U	NA	NA	0.2 U	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	**3.85 J**	NA	NA	20 U	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	18.9 U	NA	NA	19.7 U	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**5800 J**	**6890 J**	**7630 J**	**6460**	**5300**	**3800**	**5360**	**6630**	**14300**	**8830**
Antimony	NE	NE	NE	**0.69 J**	3.46 UJ	2.15 UJ	2.57 U	2.62 U	2.79 U	2.3 U	1.91 U	3.94 U	2.65 U
Arsenic	13	16	16	**15.7 J**	**87.2 J**	**2.47 J**	**10.2**	**9.54**	**8.66**	**13.3**	**7.41**	**13.2**	**0.97 J**
Barium	350	820	400	**61.2 J**	**43.2 J**	**42.5 J**	**93.5**	**110**	**27.8 J**	**64.4**	**107**	**99.4**	**50.7**
Beryllium	7.2	47	72	**1.21 J**	**0.78 J**	**0.84 J**	**0.37 J**	**0.37 J**	**0.33 J**	**0.31 J**	**0.41 J**	**0.91 J**	**0.63 J**
Cadmium	2.5	7.5	4.3	2.21 UJ	2.76 UJ	1.72 UJ	2.05 U	2.1 U	2.23 U	1.84 U	**0.6 J**	3.15 U	2.12 U
Calcium	NE	NE	NE	**2130 J**	**2520 J**	**6250 J**	**18600**	**25600**	**1300**	**28300**	**20500**	**15400**	**16700**
Chromium	30	NE	180	**7.85 J**	**8.35 J**	**26.3 J**	**15**	**14.8**	**3.73 J**	**12.5**	**17**	**30.9**	**17.5**
Cobalt	NE	NE	NE	**9.24 J**	**7.22 J**	**13.6 J**	**6.12 J**	**7.8 J**	**1.95 J**	**3.86 J**	**4.93 J**	**7.67 J**	**6.74 J**
Copper	50	1720	270	**74 J**	**46 J**	**18.9 J**	**58.4**	**38.9**	**8.22 J**	**45.9**	**55.8**	**45.9**	**15.4 J**
Iron	NE	NE	NE	**22100 J**	**17700 J**	**46400 J**	**15400**	**21200**	**7780**	**11600**	**16900**	**41100**	**15500**
Lead	63	450	400	**261 J**	**41.4 J**	**17.1 J**	**164**	**200**	**11.1 J**	**118**	**207**	**168**	**4.8 J**
Magnesium	NE	NE	NE	**1130 J**	**1300 J**	**4110 J**	**4460**	**13600**	**678**	**5370**	**5340**	**6290**	**8520**
Manganese	1600	2000	2000	**121 J**	**154 J**	**519 J**	**214**	**188**	**40**	**143**	**236**	**351**	**386**
Mercury	0.18	0.73	0.81	**0.328 J**	**0.076 J**	**0.008 J**	**0.394**	**0.266**	**0.083**	**0.25**	**0.298**	**3.55**	0.026 U
Nickel	30	130	310	**18.9 J**	**21.8 J**	**17.8 J**	**15.3 J**	**18.7 J**	**11 J**	**11.2 J**	**15.3 J**	**23.7 J**	**15.9 J**
Potassium	NE	NE	NE	**523 J**	**496 J**	**986 J**	**1370 J**	**1250 J**	**307 J**	**992 J**	**1240 J**	**2510 J**	**2110 J**
Selenium	3.9	4	180	**1.61 J**	3.46 UJ	2.15 UJ	2.57 U	2.62 U	2.79 U	2.3 U	1.91 U	3.94 U	2.65 U
Silver	2	8.3	180	2.21 U	2.76 U	1.72 U	2.05 U	2.1 U	2.23 U	1.84 U	1.53 U	3.15 U	2.12 U
Sodium	NE	NE	NE	**465 J**	**1270 J**	**893 J**	**353 J**	**469 J**	**1060 J**	**304 J**	1910 U	**6080**	**1470 J**
Thallium	NE	NE	NE	2.77 UJ	3.46 UJ	2.15 UJ	2.57 U	2.62 U	2.79 U	2.3 U	1.91 U	3.94 U	2.65 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
Tin	NE	NE	NE	55.3 UJ	69.1 UJ	43 UJ	51.4 U	52.5 UJ	55.8 UJ	45.9 U	38.2 UJ	78.8 UJ	53 UJ
Vanadium	NE	NE	NE	**14.4 J**	**19.6 J**	**44.6 J**	**20.5**	**17.4**	**8.1 J**	**16.8**	**18.5**	**31.9**	**23.3**
Zinc	109	2480	10000	**172 J**	**41.2 J**	**45.7 J**	**279**	**167**	**9.92 J**	**200**	**261**	**193**	**39.6**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.256 U	0.318 U	0.244 U	0.216 U	0.217 U	0.234 U	0.221 U	0.242 U	0.364 U	0.236 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	**0.129**	**0.126**	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	**0.0698**	**0.0597 J**	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	**0.0531**	**0.0519 J**	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	**0.0398**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	**0.0412**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	**0.0244 J**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	**0.0217 J**	**0.127**	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	**0.0184 J**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	**0.0207 J**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	**0.0309**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	**0.0584**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	**0.0877**	**0.0865**	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	**0.0204 J**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	**0.0278**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	**0.059**	**0.0458 J**	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	**0.146**	**0.147**	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	**0.0327**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	**0.0319**	**0.0493 J**	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	**0.0346**	**0.0472 J**	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	0.027 U	**0.151**	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	**0.221**	**0.163**	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	**0.078**	**0.0723 J**	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	**0.0566**	**0.0806 J**	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	**0.0778**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	**0.0388**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	**0.0389**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	**0.0317**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	**0.0272**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-224 (5-10) 8/10/2022	WW-SB-224 (15-20) 8/10/2022	WW-SB-224 (35-40) 8/10/2022	WW-SB-225 (0-5) 7/22/2022	WW-SB-225 (5-10) 7/29/2022	WW-SB-225 (20-25) 7/29/2022	WW-SB-226 (0-5) 7/22/2022	WW-SB-226 (5-10) 7/29/2022	WW-SB-226 (20-25) 7/29/2022	WW-SB-226 (35-40) 7/29/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	**0.0844**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	**0.0341**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	**0.0579**	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	**0.171**	**0.0863**	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	**0.0651**	**0.112**	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	**0.0423**	**0.104**	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	**0.169**	**0.245**	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	0.027 U	0.0816 U	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	**0.0207 J**	**0.138**	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	**0.12**	**0.245**	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	**0.106**	**0.0641 J**	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	**0.0862**	**0.0587 J**	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	**0.0575**	**0.0987**	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	**0.0737**	**0.327**	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	**0.0963**	**0.0914**	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	**0.0553**	**0.0603 J**	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	**0.0705**	**0.0708 J**	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	**222**	**1260**	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	**312**	**307**	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	**855**	**1600**	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	**1030**	**1930**	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**3830**	**8120**	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	**3030**	**8030**	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	**5120**	**12500**	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0016 J**	**0.0034 J**	**1.53**	0.0021 U	0.002 U	0.0035 UJ	**0.0079**	**62**	0.0027 U	0.0036 UJ
Toluene	0.7	0.7	100	0.0039 U	0.0025 U	**2.13**	0.0021 U	0.002 U	0.0035 UJ	**0.0049 J**	20.1 U	0.0027 U	0.0036 UJ
Ethylbenzene	1	1	41	0.0039 U	0.0025 U	**0.622**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**86.9**	0.0027 U	0.0036 UJ
o-Xylene	0.26	1.6	100	0.0039 U	0.0025 U	**0.64**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**29.8**	0.0027 U	0.0036 UJ
m/p-Xylene	0.26	1.6	100	0.0079 U	0.0049 U	**1.27**	0.0042 U	0.004 U	0.0069 UJ	0.006 U	**73.2**	0.0054 U	0.0071 UJ
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0016**	**0.0034**	**6.192**	ND	ND	ND	**0.0128**	**251.9**	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	**0.101 J**	0.0246 UJ	4.6 U	0.021 UJ	0.0199 UJ	**0.0811 J**	**0.0327 J**	503 U	0.0271 UJ	**0.0861 J**
n-Butylbenzene	12	12	100	0.0039 U	0.0025 U	**0.673**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
sec-Butylbenzene	11	11	100	0.0039 U	0.0025 U	**1.63**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
tert-Butylbenzene	5.9	5.9	100	0.0039 U	0.0025 U	**0.338**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Carbon disulfide	NE	NE	NE	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Chlorobenzene	1.1	1.1	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Chloroform (Trichloromethane)	0.37	0.37	49	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	**0.0011 J**	20.1 U	0.0027 U	0.0036 UJ
Cyclohexane	NE	NE	NE	0.0039 U	0.0025 U	**1.52**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**24.5**	0.0027 U	0.0036 UJ
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0039 U	0.0025 U	**0.342**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0039 UJ	0.0025 U	1.1 UJ	0.0021 UJ	0.002 UJ	0.0035 UJ	0.003 UJ	121 UJ	0.0027 UJ	0.0036 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,1-Dichloroethane	0.27	0.27	26	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,1-Dichloroethene	0.33	0.33	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
trans-1,2-Dichloroethene	0.19	0.19	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,2-Dichloropropane	NE	NE	NE	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Isopropylbenzene	NE	NE	NE	0.0039 U	0.0025 U	**0.978**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**6.44 J**	0.0027 U	0.0036 UJ
Methyl acetate	NE	NE	NE	0.0039 U	0.0025 U	**2.44**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	201 U	0.0027 U	0.0036 UJ
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	**0.007 J**	0.0246 U	4.6 U	0.021 U	0.0199 U	**0.0067 J**	0.0298 U	503 U	0.0271 U	**0.0069 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0395 U	0.0246 U	1.84 U	0.021 U	0.0199 U	0.0347 UJ	0.0298 U	201 U	0.0271 U	0.0357 UJ
Methylcyclohexane	NE	NE	NE	0.0039 U	**0.0015 J**	**31.1**	0.0021 U	0.002 U	0.0035 UJ	**0.0031**	**39.8**	0.0027 U	0.0036 UJ
Methylene chloride	0.05	0.05	100	0.0197 U	0.0123 U	0.919 U	0.0105 U	0.0099 U	0.0174 UJ	0.0149 U	101 U	0.0135 U	0.0179 UJ
Naphthalene	12	12	100	0.0039 U	**0.0037 J**	**5.76**	**0.0007 J**	0.002 U	0.0035 UJ	**0.0031**	**1220**	0.0027 U	0.0036 UJ
n-Propylbenzene	3.9	3.9	100	0.0039 U	0.0025 U	**1.26**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Styrene	NE	NE	NE	0.0039 U	0.0025 U	**0.0662 J**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
Tetrahydrofuran	NE	NE	NE	0.0039 U	0.0025 U	NA	0.0021 U	0.002 U	0.0035 UJ	0.003 U	NA	0.0027 U	0.0036 UJ
1,2,3-Trichlorobenzene	NE	NE	NE	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,1,2-Trichloroethane	NE	NE	NE	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0039 U	0.0025 U	0.184 U	0.0021 U	0.002 U	0.0035 UJ	0.003 U	20.1 U	0.0027 U	0.0036 UJ
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0039 U	0.0025 U	**1.21**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**45.9**	0.0027 U	0.0036 UJ
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0039 U	0.0025 U	**0.246**	0.0021 U	0.002 U	0.0035 UJ	0.003 U	**14.1 J**	0.0027 U	0.0036 UJ
Vinyl chloride	0.02	0.02	0.9	0.0079 U	0.0049 U	0.184 U	0.0042 U	0.004 U	0.0069 UJ	0.006 U	20.1 U	0.0054 U	0.0071 UJ
Total VOCs	NE	NE	NE	**0.1096**	**0.0086**	**53.7552**	**0.0007**	ND	**0.0878**	**0.0528**	**1602.64**	ND	**0.093**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.399**	**0.224 J**	**29.3**	**0.0233 J**	0.285 U	**0.225 J**	**0.412**	**42.9**	0.311 U	**0.203 J**
Acenaphthylene	100	107	100	**6.46**	**1.97**	**12.5**	**0.0553 J**	0.285 U	**2.03**	**1.29**	**27.7**	0.311 U	**1.66**
Anthracene	100	1000	100	**2.84**	**0.879**	**27.6**	**0.0713 J**	0.285 U	**0.902**	**0.926**	**164**	0.311 U	**0.857**
Benzo(a)anthracene	1	1	1	**11.5**	**4.28**	**27.7**	**0.0715 J**	0.285 U	**3.53**	**3.92**	**148**	0.311 U	**4.07**
Benzo(b)fluoranthene	1	1.7	1	**10**	**6.41**	**25.1**	**0.0543 J**	0.285 U	**4.11**	**4.22**	**152**	0.311 U	**4.25**
Benzo(k)fluoranthene	0.8	1.7	3.9	**7.99**	**2.08**	**8.47**	0.295 U	0.285 U	**3.02**	**4**	**55.5**	0.311 U	**3.74**
Benzo(g,h,i)perylene	100	1000	100	**9.8**	**4.38**	**16**	**0.0262 J**	0.285 U	**4.63**	**4.59**	**84.1**	0.311 U	**4.62**
Benzo(a)pyrene	1	22	1	**16.1**	**7.11**	**35.5**	**0.0614 J**	0.285 U	**5.94**	**6.84**	**180**	0.311 U	**6.8**
Chrysene	1	1	3.9	**11**	**4.14**	**27**	**0.0543 J**	0.285 U	**3.37**	**3.65**	**118**	0.311 U	**4.01**
Dibenz(a,h)anthracene	0.33	1000	0.33	**2.32**	**1.04**	**4.23**	0.295 U	0.285 U	**1.07**	**1.26**	**23.9**	0.311 U	**1.17**
Fluoranthene	100	1000	100	**14.1**	**4.5**	**41**	**0.147 J**	0.285 U	**3.41**	**4.11**	**294**	0.311 U	**4.34**
Fluorene	30	386	100	**0.315**	**0.304 J**	**12.6**	0.295 U	0.285 U	**0.172 J**	**0.354**	**157**	0.311 U	**0.19 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**10.8**	**4.8**	**18.7**	**0.03 J**	0.285 U	**5.34**	**5.28**	**108**	0.311 U	**5.1**
2-Methylnaphthalene	NE	NE	NE	**0.996**	**0.446**	**5.06**	0.295 U	0.285 U	**0.365**	**0.791**	**284**	**0.0481 J**	**0.323 J**
Naphthalene	12	12	100	**2.76**	**1.04**	**11.6**	0.295 U	0.285 U	**0.6**	**1.26**	**1160**	**0.226 J**	**0.76**
Phenanthrene	100	1000	100	**4.62**	**1.72**	**71.3**	**0.251 J**	0.285 U	**1.63**	**2.69**	**488**	**0.0311 J**	**1.94**
Pyrene	100	1000	100	**17.2**	**6.32**	**54.2**	**0.121 J**	0.285 U	**5.1**	**6.02**	**242**	0.311 U	**5.98**
Total PAHs	NE	NE	NE	**129.2**	**51.643**	**427.86**	**0.9666**	ND	**45.444**	**51.613**	**3729.1**	**0.3052**	**50.013**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	**0.109 J**	**0.104 J**	1.25 U	0.295 U	0.285 U	**0.0706 J**	**0.107 J**	2.84 U	0.311 U	**0.0687 J**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.146**	**0.082**	**1.32**	0.0295 U	0.0285 U	**0.0576**	**0.107**	**48.6**	0.0311 U	**0.0643**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.0753 J**	0.311 U	1.25 U	0.295 U	0.285 U	**0.246 J**	**0.0714 J**	2.84 U	0.311 U	**0.104 J**
Butyl benzyl phthalate	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	**0.0884 J**	0.313 U	2.84 U	0.311 U	0.373 U
Caprolactam	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
Carbazole	NE	NE	NE	**0.26 J**	**0.126 J**	**1.31**	0.295 U	0.285 U	**0.136 J**	**0.147 J**	**69.6**	0.311 U	**0.178 J**
2-Chloronaphthalene	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
Dibenzofuran	7	210	59	**0.314**	**0.119 J**	**4.29**	**0.0219 J**	0.285 U	**0.152 J**	**0.186 J**	**118**	0.311 U	**0.119 J**
Diethyl phthalate	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
Dimethyl phthalate	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
2,4-Dimethylphenol	NE	NE	NE	**0.0605 J**	0.311 U	1.25 U	0.295 U	0.285 U	0.343 R	**0.0358 J**	**2.98**	0.311 U	0.373 R
Di-n-butyl phthalate	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
2,6-Dinitrotoluene	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
Di-n-octyl phthalate	NE	NE	NE	0.542 U	0.622 U	2.5 U	0.591 U	0.57 U	0.685 U	0.626 U	5.67 U	0.622 U	0.746 U
2-Methylnaphthalene	NE	NE	NE	**0.996**	**0.446**	**5.06**	0.295 U	0.285 U	**0.365**	**0.791**	**284**	**0.0481 J**	**0.323 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	**0.0591 J**	**0.0293 J**	1.25 U	0.295 U	0.285 U	0.343 R	**0.0281 J**	**1.69 J**	0.311 U	0.373 R

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.154 J**	**0.0615 J**	1.25 U	0.295 U	0.285 U	0.343 R	**0.0614 J**	**1.83 J**	0.311 U	0.373 R
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 U	0.313 U	2.84 U	0.311 U	0.373 U
Phenol	0.33	0.33	100	0.271 U	0.311 U	1.25 U	0.295 U	0.285 U	0.343 R	0.313 U	**2.27 J**	0.311 U	0.373 R
Total SVOCs	NE	NE	NE	**130.3779**	**52.1648**	**434.78**	**0.9885**	ND	**46.1946**	**52.3567**	**3974.07**	**0.3052**	**50.547**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name				WW-SB-228	WW-SB-228	WW-SB-228	WW-SB-228	Duplicate of WW-SB-228	WW-SB-229	WW-SB-229	WW-SB-229	WW-SB-229	WW-SB-230
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(0-5)	(5-10)	(15-20)	(40-45)	(40-45)	(0-5)	(5-10)	(15-20)	(40-45)	(0-5)
Sample Date				8/4/2022	8/12/2022	8/12/2022	8/12/2022	8/12/2022	7/22/2022	7/29/2022	8/12/2022	8/12/2022	7/22/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	0.05 U	NA	NA	NA	NA	0.03 U	NA	NA	NA	0.03 U
Aroclor 1248	NE	NE	NE	0.05 U	NA	NA	NA	NA	0.03 U	NA	NA	NA	0.03 U
Aroclor 1254	NE	NE	NE	0.05 U	NA	NA	NA	NA	0.03 U	NA	NA	NA	**0.2**
Aroclor 1260	NE	NE	NE	**0.05 J**	NA	NA	NA	NA	**0.07**	NA	NA	NA	**0.2**
Aroclor 1268	NE	NE	NE	0.05 U	NA	NA	NA	NA	0.03 U	NA	NA	NA	0.03 U
Total PCB Aroclors	0.1	3.2	1	**0.05**	NA	NA	NA	NA	**0.07**	NA	NA	NA	**0.4**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0016 U	NA	NA	NA	NA	0.0016 U	NA	NA	NA	0.0017 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Chlordane (Technical)	NE	NE	NE	**0.0314 J**	NA	NA	NA	NA	**0.055 J**	NA	NA	NA	**0.0344**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	**0.0025 J**	NA	NA	NA	NA	**0.0044 J**	NA	NA	NA	**0.0054 J**
gamma-Chlordane	NE	NE	NE	**0.0019 J**	NA	NA	NA	NA	**0.0057 J**	NA	NA	NA	**0.0039**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	**0.0163 J**	NA	NA	NA	NA	0.0026 U	NA	NA	NA	**0.0057 JN**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	**0.0018 J**	NA	NA	NA	NA	**0.0022 J**	NA	NA	NA	**0.0013 J**
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
Dieldrin	0.005	0.1	0.2	**0.0056 J**	NA	NA	NA	NA	**0.0048 J**	NA	NA	NA	**0.0076 J**
alpha-Endosulfan (I)	2.4	102	24	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
beta-Endosulfan (II)	2.4	102	24	0.0027 UJ	NA	NA	NA	NA	**0.0028 JN**	NA	NA	NA	0.0028 U
Endosulfan sulfate	2.4	1000	24	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Endrin	0.014	0.06	11	**0.0051 J**	NA	NA	NA	NA	**0.0087 J**	NA	NA	NA	0.0028 U
Endrin aldehyde	NE	NE	NE	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Endrin ketone	NE	NE	NE	0.0027 UJ	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Heptachlor	0.042	0.38	2.1	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Heptachlor epoxide	NE	NE	NE	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Hexachlorobenzene	0.33	3.2	1.2	0.0027 U	NA	NA	NA	NA	0.0026 U	NA	NA	NA	0.0028 U
Methoxychlor	NE	NE	NE	0.0027 U	NA	NA	NA	NA	**0.0075 J**	NA	NA	NA	0.0028 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.201 U	NA	NA	NA	NA	0.193 U	NA	NA	NA	0.207 U
Dicamba	NE	NE	NE	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	0.201 U	NA	NA	NA	NA	0.193 U	NA	NA	NA	0.207 U
Mecoprop (MCPP)	NE	NE	NE	**4.34 J**	NA	NA	NA	NA	19.3 U	NA	NA	NA	20.7 U
Methylchlorophenoxyacetic acid	NE	NE	NE	19.9 U	NA	NA	NA	NA	19.1 U	NA	NA	NA	20.5 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	0.01 U	NA	NA	NA	NA	**0.001 J**	NA	NA	NA	0.01 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**7000**	**7070 J**	**4850 J**	**5520 J**	**4490 J**	**6060**	**7610**	**4630 J**	**3680 J**	**5640**
Antimony	NE	NE	NE	2.24 U	2.68 UJ	2.6 UJ	2.57 UJ	2.61 UJ	**8.73**	2.85 U	3.38 UJ	2.07 UJ	2.79 U
Arsenic	13	16	16	**20**	**25.1 J**	**93.6 J**	2.57 U	**0.79 J**	**14.7**	**15.8**	**69.1 J**	**0.87 J**	**7.34**
Barium	350	820	400	**97.4**	**109 J**	**23.1 J**	**39.6 J**	**28.4 J**	**81.6**	**123**	**20.2 J**	**21.6 J**	**72**
Beryllium	7.2	47	72	**0.4 J**	1.18 UJ	**0.22 J**	1.13 UJ	**0.24 J**	**0.31 J**	**0.48 J**	**0.28 J**	0.91 UJ	**0.3 J**
Cadmium	2.5	7.5	4.3	1.79 U	2.14 UJ	2.08 UJ	2.05 UJ	2.09 UJ	1.68 U	2.28 U	2.71 UJ	1.66 UJ	2.24 U
Calcium	NE	NE	NE	**21900**	**8830**	**15500**	**10400**	**9330**	**30000**	**14800**	**1300**	**3030**	**36400**
Chromium	30	NE	180	**18.8**	**16.9 J**	**17.8 J**	**11.8 J**	**10.6 J**	**14.3**	**21.3**	**3.6 J**	**9.3 J**	**12.9**
Cobalt	NE	NE	NE	**6.18 J**	**4.86 J**	**3.34 J**	**4.65 J**	**4.87 J**	**4.19 J**	**5.46 J**	**11.3 J**	**4.47 J**	**3.52 J**
Copper	50	1720	270	**62.9**	**54.2 J**	**39.1 J**	**10.3 J**	**9.37 J**	**41.2**	**72.1**	**10.2 J**	**14.2 J**	**103**
Iron	NE	NE	NE	**15900**	**15300 J**	**22600 J**	**14700 J**	**15700 J**	**14400**	**18000**	**5290 J**	**17900 J**	**11000**
Lead	63	450	400	**220**	**243**	**71.8**	**4.6 J**	**5.31 J**	**1030**	**224**	67.7 U	**4.82 J**	**94.6**
Magnesium	NE	NE	NE	**4710 J**	**4060 J**	**7030 J**	**6190 J**	**5090 J**	**6060**	**4980**	**513 J**	**2610 J**	**8760**
Manganese	1600	2000	2000	**236**	**261 J**	**346 J**	**312 J**	**447 J**	**183 J**	**237**	**34.4 J**	**822 J**	**150 J**
Mercury	0.18	0.73	0.81	**2.33**	**0.525 J**	**0.809 J**	0.024 UJ	0.029 UJ	**0.251**	**0.372**	**0.079 J**	0.023 UJ	**0.301**
Nickel	30	130	310	**17.4 J**	**17.3 J**	**13.2 J**	**9.32 J**	**8.39 J**	**13.9 J**	**20.1 J**	**17.9 J**	**7.66 J**	**9.62 J**
Potassium	NE	NE	NE	**1640 J**	**1450 J**	**540 J**	**1440 J**	**1050 J**	**1110 J**	**1680 J**	**442 J**	**687 J**	**1140 J**
Selenium	3.9	4	180	2.24 UJ	2.68 UJ	2.6 UJ	2.57 UJ	2.61 UJ	2.09 U	2.85 U	**1.4 J**	2.07 UJ	2.79 U
Silver	2	8.3	180	1.79 U	2.14 UJ	2.08 UJ	2.05 UJ	2.09 UJ	1.68 U	2.28 U	2.71 UJ	1.66 UJ	2.24 U
Sodium	NE	NE	NE	2240 U	**641 J**	**2070 J**	**1080 J**	**986 J**	**494 J**	**660 J**	**1250 J**	**672 J**	2790 U
Thallium	NE	NE	NE	2.24 U	2.68 R	2.6 R	2.57 R	2.61 R	2.09 U	2.85 U	3.38 R	2.07 R	2.79 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-228 (0-5) 8/4/2022	WW-SB-228 (5-10) 8/12/2022	WW-SB-228 (15-20) 8/12/2022	WW-SB-228 (40-45) 8/12/2022	Duplicate of WW-SB-228 (40-45) 8/12/2022	WW-SB-229 (0-5) 7/22/2022	WW-SB-229 (5-10) 7/29/2022	WW-SB-229 (15-20) 8/12/2022	WW-SB-229 (40-45) 8/12/2022	WW-SB-230 (0-5) 7/22/2022
Tin	NE	NE	NE	**9.84 J**	53.6 UJ	52.1 UJ	51.4 UJ	52.2 UJ	41.9 U	57 UJ	67.7 UJ	41.4 UJ	55.9 U
Vanadium	NE	NE	NE	**23.8**	**24.6 J**	**11.7 J**	**19.3 J**	**19 J**	**18.3**	**26.3**	**9.13 J**	**17.5 J**	**16.6**
Zinc	109	2480	10000	**269 J**	**314 J**	**47.8 J**	**32.2 J**	**26.9 J**	**191**	**273**	**17.5 J**	**19.9 J**	**134**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.218 U	0.242 U	0.253 U	0.23 U	0.234 U	0.213 U	0.254 U	0.287 U	0.243 U	0.234 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4									
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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**997**	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0055**	0.0018 U	0.0028 UJ	**1140**	**0.0031 J**	**0.0111**	**0.443**	0.0024 U	0.003 U	**0.0034 J**
Toluene	0.7	0.7	100	**0.0042 J**	0.0018 U	0.0028 UJ	**1720**	**0.0025 J**	**0.0022 J**	**0.332**	0.0024 U	0.003 U	**0.0021 J**
Ethylbenzene	1	1	41	**0.0011 J**	0.0018 U	0.0028 UJ	**1440**	0.0045 UJ	0.0034 U	**0.57**	0.0024 U	0.003 U	0.0036 U
o-Xylene	0.26	1.6	100	**0.0013 J**	0.0018 U	0.0028 UJ	**990**	0.0045 UJ	0.0034 U	**0.226**	0.0024 U	0.003 U	0.0036 U
m/p-Xylene	0.26	1.6	100	**0.0025 J**	0.0036 U	0.0057 UJ	**2220**	0.0091 UJ	0.0067 U	**0.589**	0.0048 U	0.006 U	0.0071 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0146**	ND	ND	**7510**	**0.0056**	**0.0133**	**2.16**	ND	ND	**0.0055**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0297 UJ	0.0181 UJ	**0.142 J**	896 U	**0.13 J**	0.0335 U	3.24 U	0.024 U	0.0302 UJ	**0.0798 J**
n-Butylbenzene	12	12	100	0.003 U	0.0018 U	0.0028 UJ	**45.9**	0.0045 UJ	0.0034 U	**0.171**	0.0024 U	0.003 U	0.0036 U
sec-Butylbenzene	11	11	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	**1.69**	0.0024 U	0.003 U	0.0036 U
tert-Butylbenzene	5.9	5.9	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	**0.226**	0.0024 U	0.003 U	0.0036 U
Carbon disulfide	NE	NE	NE	0.003 U	0.0018 U	**0.0123 J**	35.8 U	**0.0042 J**	0.0034 U	**0.0856 J**	0.0024 U	0.003 U	**0.0059**
Chlorobenzene	1.1	1.1	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
Cyclohexane	NE	NE	NE	**0.0014 J**	0.0018 U	0.0028 UJ	**58**	0.0045 UJ	**0.0024 J**	0.13 U	0.0024 U	0.003 U	0.0036 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	**20.1 J**	0.0045 UJ	0.0034 U	**0.07 J**	0.0024 U	0.003 U	0.0036 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.003 UJ	0.0018 UJ	0.0028 UJ	215 U	0.0045 UJ	0.0034 UJ	0.778 U	0.0024 U	0.003 UJ	0.0036 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,1-Dichloroethane	0.27	0.27	26	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,1-Dichloroethene	0.33	0.33	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,2-Dichloropropane	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
Isopropylbenzene	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	**52.3**	0.0045 UJ	0.0034 U	**1.15**	0.0024 U	0.003 U	0.0036 U
Methyl acetate	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	358 U	0.0045 UJ	0.0034 U	1.3 U	0.0024 U	0.003 U	0.0036 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0297 U	0.0181 U	0.0283 UJ	896 U	**0.0094 J**	0.0335 U	3.24 U	0.024 U	0.0302 U	0.0356 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0297 U	0.0181 U	0.0283 UJ	358 U	0.0453 UJ	0.0335 U	1.3 U	0.024 U	0.0302 U	0.0356 U
Methylcyclohexane	NE	NE	NE	**0.0043**	0.0018 U	**0.0013 J**	**106**	0.0045 UJ	**0.0064**	0.13 U	0.0024 U	0.003 U	0.0036 U
Methylene chloride	0.05	0.05	100	0.0148 U	0.0091 U	0.0142 UJ	179 U	0.0226 UJ	0.0168 U	0.648 U	**0.0013 J**	0.0151 U	0.0178 U
Naphthalene	12	12	100	**0.0104**	**0.0027**	**0.0015 J**	**24600**	**0.0061 J**	**0.0013 J**	**3.28**	0.0024 U	0.003 U	**0.0081**
n-Propylbenzene	3.9	3.9	100	0.003 U	0.0018 U	0.0028 UJ	**76.7**	0.0045 UJ	0.0034 U	**0.752**	0.0024 U	0.003 U	0.0036 U
Styrene	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	**737**	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
Tetrahydrofuran	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	NA	0.0045 UJ	0.0034 U	NA	0.0024 U	0.003 U	0.0036 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,1,2-Trichloroethane	NE	NE	NE	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Trichloroethene (TCE)	0.47	0.47	21	0.003 U	0.0018 U	0.0028 UJ	35.8 U	0.0045 UJ	0.0034 U	0.13 U	0.0024 U	0.003 U	0.0036 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**0.0019 J**	0.0018 U	0.0028 UJ	**841**	0.0045 UJ	0.0034 U	**0.386**	0.0024 U	0.003 U	0.0036 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.003 U	0.0018 U	0.0028 UJ	**292**	0.0045 UJ	0.0034 U	**0.07 J**	0.0024 U	0.003 U	0.0036 U
Vinyl chloride	0.02	0.02	0.9	0.0059 U	0.0036 U	0.0057 UJ	35.8 U	0.0091 UJ	0.0067 U	0.13 U	0.0048 U	0.006 U	0.0071 U
Total VOCs	NE	NE	NE	**0.0326**	**0.0027**	**0.1571**	**34339**	**0.1553**	**0.0234**	**10.0406**	**0.0013**	ND	**0.0993**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.803**	**0.0432 J**	**0.439**	**198**	**0.445**	**2.11**	**14**	**0.0271 J**	0.301 U	**0.86**
Acenaphthylene	100	107	100	**2.89**	**0.0177 J**	**3.05**	**1090**	**3.03**	**4.02**	**2.38**	**0.0871 J**	**0.0558 J**	**4.61**
Anthracene	100	1000	100	**1.8**	**0.0384 J**	**3.14**	**739**	**1.56**	**9.23**	**10.2**	0.294 U	0.301 U	**2.44**
Benzo(a)anthracene	1	1	1	**5.14**	**0.0357 J**	**6.9**	**564**	**4.61**	**54.4**	**17.7**	0.294 U	0.301 U	**6.92**
Benzo(b)fluoranthene	1	1.7	1	**4.98**	0.292 U	**6.66**	**225**	**4.94**	**62.7**	**22.5**	0.294 U	0.301 U	**7.98**
Benzo(k)fluoranthene	0.8	1.7	3.9	**4.13**	0.292 U	**5.32**	**235**	**3.76**	**57.3**	**20.8**	0.294 U	0.301 U	**5.95**
Benzo(g,h,i)perylene	100	1000	100	**5.05**	0.292 U	**4.79**	**159**	**4.93**	**58.6**	**21.5**	0.294 U	0.301 U	**8.13**
Benzo(a)pyrene	1	22	1	**7.95**	**0.0343 J**	**8.1**	**417**	**7.58**	**92.2**	**41.9**	0.294 U	0.301 U	**12.2**
Chrysene	1	1	3.9	**5.1**	**0.0268 J**	**6.53**	**467**	**4.43**	**50.8**	**16.6**	0.294 U	0.301 U	**6.35**
Dibenz(a,h)anthracene	0.33	1000	0.33	**1.25**	0.292 U	**1.28**	**47**	**0.981**	**19.3**	**6.99**	0.294 U	0.301 U	**1.55**
Fluoranthene	100	1000	100	**6.02**	**0.06 J**	**10.4**	**1030**	**4.7**	**54.6**	**17.1**	0.294 U	0.301 U	**6.94**
Fluorene	30	386	100	**0.7**	**0.0416 J**	**0.885**	**761**	**0.412**	**3.01**	**1.24**	**0.0249 J**	0.301 U	**0.678**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**5.47**	0.292 U	**5.54**	**194**	**5.75**	**70.4**	**27.9**	0.294 U	0.301 U	**9.42**
2-Methylnaphthalene	NE	NE	NE	**1.11**	**0.12 J**	**0.476**	**2290 J**	**0.896**	**2.72**	**1.62**	**0.671**	**0.109 J**	**1**
Naphthalene	12	12	100	**3.44**	**0.351**	**0.724**	**5910 J**	**1.64**	**4.61**	**5.4**	**2.95 J**	**0.464 J**	**1.85**
Phenanthrene	100	1000	100	**4.76**	**0.132 J**	**8.37**	**2400**	**2.63**	**28.7**	**10.5**	**0.027 J**	**0.0183 J**	**4.63**
Pyrene	100	1000	100	**9.85**	**0.0702 J**	**11.1**	**1170**	**7.73**	**51.2**	**21.5**	0.294 U	0.301 U	**9.52**
Total PAHs	NE	NE	NE	**70.443**	**0.9709**	**83.704**	**17896**	**60.024**	**625.9**	**259.83**	**3.7871**	**0.6471**	**91.028**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	**0.11 J**	0.292 U	**0.058 J**	1.25 U	**0.118 J**	**0.31 J**	0.624 U	0.294 U	0.301 U	**0.171 J**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.147**	**0.0199 J**	**0.114**	**289**	**0.143 J**	**0.485**	**0.452**	**0.0434**	0.0301 U	**0.202**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.0942 J**	0.292 U	**0.463**	1.25 U	**0.258 J**	0.589 U	0.624 U	0.294 U	0.301 U	**0.279 J**
Butyl benzyl phthalate	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
Caprolactam	NE	NE	NE	**0.0764 J**	0.292 U	**0.0397 J**	1.25 UJ	0.357 U	**0.362 J**	**5.63**	0.294 U	0.301 U	0.279 U
Carbazole	NE	NE	NE	**0.341**	0.292 U	**0.344**	**165**	**0.205 J**	**3.63**	**2**	0.294 U	0.301 U	**0.48**
2-Chloronaphthalene	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
Dibenzofuran	7	210	59	**0.331**	0.292 U	**0.522**	**353**	**0.289 J**	**2**	**1.19**	0.294 U	0.301 U	**0.369**
Diethyl phthalate	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
Dimethyl phthalate	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
2,4-Dimethylphenol	NE	NE	NE	**0.0574 J**	0.292 U	**0.0288 J**	**38.6 J**	0.357 R	**0.129 J**	0.624 U	0.294 U	0.301 U	0.279 UJ
Di-n-butyl phthalate	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
2,6-Dinitrotoluene	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
Di-n-octyl phthalate	NE	NE	NE	**0.155 J**	0.584 U	0.353 U	2.5 U	0.357 U	1.18 U	1.25 U	0.589 U	0.601 U	0.558 U
2-Methylnaphthalene	NE	NE	NE	**1.11**	**0.12 J**	**0.476**	**2290 J**	**0.896**	**2.72**	**1.62**	**0.671**	**0.109 J**	**1**
2-Methylphenol (o-Cresol)	0.33	0.33	100	**0.0482 J**	0.292 U	**0.0282 J**	**11.4**	0.357 R	**0.0956 J**	0.624 U	0.294 U	0.301 U	**0.0327 J**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.0942 J**	0.292 U	**0.0673 J**	**28.6**	0.715 R	**0.238 J**	0.624 U	0.294 U	0.301 U	**0.0811 J**
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.289 U	0.292 U	0.176 U	1.25 U	0.357 U	0.589 U	0.624 U	0.294 U	0.301 U	0.279 U
Phenol	0.33	0.33	100	**0.0782 J**	0.292 U	0.176 R	**23.5**	0.357 R	**0.235 J**	0.624 U	0.294 U	0.301 U	0.279 UJ
Total SVOCs	NE	NE	NE	**71.9756**	**0.9908**	**85.369**	**18805.1**	**61.037**	**633.3846**	**269.102**	**3.8305**	**0.6471**	**92.6428**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.00099 J**
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.00021 J**
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.03 U	NA	0.05 U	NA	NA	NA	NA	0.06 U
Aroclor 1248	NE	NE	NE	NA	NA	0.03 U	NA	0.05 U	NA	NA	NA	NA	0.06 U
Aroclor 1254	NE	NE	NE	NA	NA	0.03 U	NA	0.05 U	NA	NA	NA	NA	0.06 U
Aroclor 1260	NE	NE	NE	NA	NA	**0.04**	NA	**0.05 J**	NA	NA	NA	NA	**0.07**
Aroclor 1268	NE	NE	NE	NA	NA	0.03 U	NA	0.05 U	NA	NA	NA	NA	0.06 U
Total PCB Aroclors	0.1	3.2	1	NA	NA	**0.04**	NA	**0.05**	NA	NA	NA	NA	**0.07**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0016 U	NA	0.0016 U	NA	NA	NA	NA	0.0017 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.0516 J**	NA	**0.0428 JN**	NA	NA	NA	NA	**0.0871**
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0052**	NA	**0.0054**	NA	NA	NA	NA	**0.0079**
gamma-Chlordane	NE	NE	NE	NA	NA	**0.0039**	NA	**0.0048**	NA	NA	NA	NA	**0.0057**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.0086 J**	NA	**0.0147**	NA	NA	NA	NA	**0.0135**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	**0.003 JN**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0033 J**	NA	**0.003 JN**	NA	NA	NA	NA	**0.0033 J**
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
beta-Endosulfan (II)	2.4	102	24	NA	NA	**0.003 J**	NA	**0.0033 JN**	NA	NA	NA	NA	**0.0031 J**
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
Endrin	0.014	0.06	11	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
Endrin aldehyde	NE	NE	NE	NA	NA	0.0026 U	NA	**0.0034 JN**	NA	NA	NA	NA	0.0028 U
Endrin ketone	NE	NE	NE	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 UJ
Heptachlor	0.042	0.38	2.1	NA	NA	0.0026 U	NA	**0.001 J**	NA	NA	NA	NA	0.0028 U
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0026 U	NA	0.0027 UJ	NA	NA	NA	NA	0.0028 U
Methoxychlor	NE	NE	NE	NA	NA	0.0026 U	NA	0.0027 U	NA	NA	NA	NA	0.0028 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.191 UJ	NA	0.192 U	NA	NA	NA	NA	0.207 U
Dicamba	NE	NE	NE	NA	NA	0.01 UJ	NA	0.01 U	NA	NA	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	NA	0.191 UJ	NA	0.192 U	NA	NA	NA	NA	0.207 U
Mecoprop (MCPP)	NE	NE	NE	NA	NA	19.1 UJ	NA	**2.99 J**	NA	NA	NA	NA	**15.1 J**
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	18.9 UJ	NA	19 U	NA	NA	NA	NA	20.5 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.01 UJ	NA	0.01 U	NA	NA	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	**0.002 J**	NA	0.01 U	NA	NA	NA	NA	**0.002 J**
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4210**	**6010 J**	**6670**	**3300**	**5280**	**4950**	**8010**	**2960**	**5740**	**6260**
Antimony	NE	NE	NE	2.31 U	1.85 UJ	2.54 U	2.99 U	2.45 UJ	2.94 U	2.14 U	2.73 U	2.48 U	2.46 U
Arsenic	13	16	16	**6.67**	**0.72 J**	**9**	**5.79**	**9.68 J**	**28.2**	**46.3**	2.73 U	**0.88 J**	**12.6**
Barium	350	820	400	**63.5**	**57.6 J**	**79.2**	**19.5 J**	**74.9**	**50.5**	**34.9**	**44.7**	**105**	**92.6**
Beryllium	7.2	47	72	**0.34 J**	**0.45 J**	**0.34 J**	**0.28 J**	**0.25 J**	**0.45 J**	**1.42**	**0.29 J**	**0.44 J**	**0.48 J**
Cadmium	2.5	7.5	4.3	1.85 U	1.48 UJ	2.03 U	2.39 U	1.96 U	2.36 U	1.71 U	2.18 U	1.98 U	1.97 U
Calcium	NE	NE	NE	**12500**	**6790**	**47700**	**1020**	**31200 J**	**11400 J**	**9680 J**	**6880**	**13600**	**31000**
Chromium	30	NE	180	**10.1**	**16.7 J**	**14.9**	**3.1 J**	**17.3 J**	**11.5 J**	**14.6 J**	**5.31 J**	**10**	**76.4**
Cobalt	NE	NE	NE	**2.87 J**	**7.35 J**	**4.1 J**	**1.1 J**	**4.69 J**	**4.77 J**	**6.66 J**	**1.01 J**	**3.93 J**	**6.55 J**
Copper	50	1720	270	**27.9**	**16 J**	**31.5**	**5.71 J**	**55.1 J**	**30.3 J**	**27.6 J**	27.3 U	**9.51 J**	**53.4**
Iron	NE	NE	NE	**9850**	**32500 J**	**12000**	**8800**	**16100 J**	**27200 J**	**25200 J**	**4820**	**10100**	**17900**
Lead	63	450	400	**99.6**	**9.78 J**	**93.6**	**5.89 J**	**137 J**	**91.8 J**	**89.5 J**	54.6 U	**4.72 J**	**169**
Magnesium	NE	NE	NE	**2660**	**4340 J**	**7150**	**709**	**6390 J**	**4440 J**	**5340 J**	**3790**	**7500**	**8260 J**
Manganese	1600	2000	2000	**150**	**757 J**	**160 J**	**44.9**	**183**	**203**	**253**	**156**	**283**	**228**
Mercury	0.18	0.73	0.81	**0.303**	0.035 UJ	**0.182**	**0.112**	**0.256**	**0.725**	**0.245**	0.035 U	0.034 U	**0.479**
Nickel	30	130	310	**13.5 J**	**11.2 J**	**11.2 J**	**10 J**	**19.4 J**	**9.47 J**	**12.5 J**	**5.34 J**	**11.7 J**	**85.5**
Potassium	NE	NE	NE	**856 J**	**1390 J**	**1450 J**	**354 J**	2450 UJ	**887 J**	**1210 J**	**894 J**	**1620 J**	**1370 J**
Selenium	3.9	4	180	2.31 U	1.85 UJ	2.54 U	2.99 U	2.45 U	**2.64 J**	**2.9**	2.73 U	2.48 U	2.46 UJ
Silver	2	8.3	180	1.85 U	1.48 UJ	2.03 U	2.39 U	1.96 U	2.36 U	1.71 U	2.18 U	1.98 U	1.97 U
Sodium	NE	NE	NE	**405 J**	**607 J**	**760 J**	**1130 J**	2450 U	**642 J**	**1190 J**	**1210 J**	**2090 J**	**588 J**
Thallium	NE	NE	NE	2.31 U	1.85 R	2.54 U	2.99 U	2.45 U	2.94 U	2.14 U	2.73 U	2.48 U	2.46 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Tin	NE	NE	NE	46.2 UJ	36.9 UJ	50.7 U	59.8 UJ	49.1 UJ	58.9 U	42.8 U	54.6 UJ	49.5 UJ	**44.6 J**
Vanadium	NE	NE	NE	**13.2**	**32.6 J**	**16.8**	**6.36 J**	**15.5**	**16.3**	**20.5**	**8.06 J**	**13.5**	**25.9**
Zinc	109	2480	10000	**131**	**41.7 J**	**128**	**9.21 J**	**182 J**	**71.5 J**	**43.9 J**	**13.9 J**	**27.9**	**222 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.225 U	0.221 U	0.213 U	0.252 U	0.208 U	0.244 U	0.247 U	0.237 U	0.242 U	0.222 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-230 (5-8) 7/29/2022	WW-SB-230 (34-35) 8/11/2022	WW-SB-231 (0-5) 7/21/2022	WW-SB-231 (20-25) 7/28/2022	WW-SB-232 (0-5) 7/20/2022	WW-SB-232 (5-10) 7/27/2022	WW-SB-232 (15-17) 7/27/2022	WW-SB-232 (70-72) 7/28/2022	Duplicate of WW-SB-232 (70-72) 7/28/2022	WW-SB-233 (0.5-5) 8/5/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**883**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0025 J**	**0.0016 J**	**14.3 J**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	**0.0038**	**0.0008 J**	0.0032 U
Toluene	0.7	0.7	100	**0.0017 J**	**0.0019 J**	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Ethylbenzene	1	1	41	0.0037 U	0.0032 U	**320**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
o-Xylene	0.26	1.6	100	0.0037 U	0.0032 U	**87.3**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
m/p-Xylene	0.26	1.6	100	0.0075 U	0.0064 U	**26.2 J**	0.0052 U	0.007 U	0.0049 UJ	0.0033 U	0.0039 U	0.0041 U	0.0065 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**0.0042**	**0.0035**	**447.8**	ND	ND	ND	ND	**0.0038**	**0.0008**	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	**0.0687 J**	**0.0532 J**	596 U	0.026 UJ	**0.235 J**	**0.0309 J**	0.0167 U	0.0197 U	**0.0282 J**	**0.0175 J**
n-Butylbenzene	12	12	100	0.0037 U	0.0032 U	**26.7**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
sec-Butylbenzene	11	11	100	0.0037 U	**0.0026 J**	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
tert-Butylbenzene	5.9	5.9	100	0.0037 U	**0.0017 J**	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Carbon disulfide	NE	NE	NE	**0.0067**	**0.0019 J**	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Chlorobenzene	1.1	1.1	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Cyclohexane	NE	NE	NE	0.0037 U	**0.011**	**26.7**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	**0.0007 J**	**0.0011 J**	0.0032 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0037 U	0.0032 U	**24.3**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0037 UJ	0.0032 UJ	143 UJ	0.0026 UJ	0.0035 UJ	0.0025 UJ	0.0017 UJ	0.002 UJ	0.0021 U	0.0032 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,1-Dichloroethane	0.27	0.27	26	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,1-Dichloroethene	0.33	0.33	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,2-Dichloropropane	NE	NE	NE	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Isopropylbenzene	NE	NE	NE	0.0037 U	**0.0026 J**	**51**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	**0.0021 J**	0.0032 U
Methyl acetate	NE	NE	NE	0.0037 U	0.0032 U	238 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0374 U	**0.0055 J**	596 U	0.026 U	0.0348 U	0.0247 UJ	0.0167 U	0.0197 U	**0.004 J**	0.0323 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0374 U	0.0318 U	238 U	0.026 U	0.0348 U	0.0247 UJ	0.0167 U	0.0197 U	0.0207 U	0.0323 U
Methylcyclohexane	NE	NE	NE	0.0037 U	**0.0564**	**37.2**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	**0.0006 J**	**0.0066**	0.0032 U
Methylene chloride	0.05	0.05	100	0.0187 U	0.0159 U	119 U	0.013 U	0.0174 U	0.0123 UJ	0.0084 U	0.0098 U	0.0104 U	0.0162 U
Naphthalene	12	12	100	**0.0081**	**0.0061**	**4320**	**0.0016 J**	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
n-Propylbenzene	3.9	3.9	100	0.0037 U	0.0032 U	**19.1 J**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	**0.0014 J**	0.0032 U
Styrene	NE	NE	NE	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Tetrahydrofuran	NE	NE	NE	0.0037 U	0.0032 U	NA	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,1,2-Trichloroethane	NE	NE	NE	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5)	WW-SB-233 (5-10)	WW-SB-233 (20-22)	WW-SB-233 (35-40)	WW-SB-234 (0-5)	Duplicate of WW-SB-234 (0-5)	WW-SB-234 (5-10)	WW-SB-234 (20-25)	WW-SB-234 (25-30)	WW-SB-235 (0-5)
Sample Depth (feet)				8/5/2022	8/10/2022	8/10/2022	8/10/2022	7/20/2022	7/20/2022	7/26/2022	7/26/2022	7/26/2022	7/20/2022
Sample Date													
Trichloroethene (TCE)	0.47	0.47	21	0.0037 U	0.0032 U	23.8 U	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0037 U	0.0032 U	**220**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0037 U	0.0032 U	**64.4**	0.0026 U	0.0035 U	0.0025 UJ	0.0017 U	0.002 U	0.0021 U	0.0032 U
Vinyl chloride	0.02	0.02	0.9	0.0075 U	0.0064 U	23.8 U	0.0052 U	0.007 U	0.0049 UJ	0.0033 U	0.0039 U	0.0041 U	0.0065 U
Total VOCs	NE	NE	NE	**0.0877**	**0.1445**	**5237.2**	**0.0016**	**0.235**	**0.0309**	ND	**0.0051**	**0.0442**	**0.0175**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.835**	**0.668**	**984**	**0.0256 J**	0.37 U	0.364 U	0.287 U	**0.0291 J**	0.291 U	0.351 U
Acenaphthylene	100	107	100	**4.13**	**1.45**	**76.1**	0.282 U	**0.157 J**	**0.112 J**	**0.0435 J**	0.385 U	0.291 U	**0.137 J**
Anthracene	100	1000	100	**2.84**	**1.33**	**482**	0.282 U	**0.401**	**0.0793 J**	0.287 U	0.385 U	0.291 U	**0.0832 J**
Benzo(a)anthracene	1	1	1	**7.34**	**5.34**	**331**	0.282 U	**1.67**	**0.29 J**	**0.033 J**	**0.0661 J**	0.291 U	**0.292 J**
Benzo(b)fluoranthene	1	1.7	1	**7.41**	**6.85**	**143**	0.282 U	**1.37**	**0.334 J**	0.287 U	**0.0536 J**	0.291 U	**0.363**
Benzo(k)fluoranthene	0.8	1.7	3.9	**6.19**	**2.52**	**47.8**	0.282 U	**1.23**	**0.323 J**	0.287 U	**0.0532 J**	0.291 U	**0.334 J**
Benzo(g,h,i)perylene	100	1000	100	**7.86**	**3.42**	**53.1**	0.282 U	**0.904**	**0.289 J**	0.287 U	**0.0434 J**	0.291 U	**0.365**
Benzo(a)pyrene	1	22	1	**11.8**	**6.7**	**258**	0.282 U	**1.73 J**	**0.472 J**	**0.0283 J**	**0.0837 J**	0.291 U	**0.537**
Chrysene	1	1	3.9	**6.59**	**5.02**	**289**	0.282 U	**1.55 J**	**0.304 J**	**0.0278 J**	**0.0559 J**	0.291 U	**0.274**
Dibenz(a,h)anthracene	0.33	1000	0.33	**1.69**	**1.04**	**18.8**	0.282 U	**0.273**	**0.0951 J**	0.287 U	0.385 U	0.291 U	**0.113 J**
Fluoranthene	100	1000	100	**7.41**	**7.27**	**592**	0.282 U	**2.8 J**	**0.382 J**	**0.028 J**	**0.0459 J**	0.291 U	**0.3 J**
Fluorene	30	386	100	**0.729**	**0.793**	**522**	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**9.15**	**4.11**	**69.5 J**	0.282 UJ	**1.2**	**0.366**	0.287 U	**0.0565 J**	0.291 U	**0.493**
2-Methylnaphthalene	NE	NE	NE	**1.01**	**1.4**	**1270**	**0.036 J**	0.37 U	0.364 U	**0.0297 J**	0.385 U	0.291 U	**0.0768 J**
Naphthalene	12	12	100	**1.8**	**3.36**	**3070**	**0.11 J**	0.37 U	0.364 U	**0.0699 J**	**0.106 J**	**0.029 J**	**0.164 J**
Phenanthrene	100	1000	100	**5.15**	**2.45**	**1300**	**0.0232 J**	**1.03**	**0.197 J**	**0.0269 J**	**0.0572 J**	0.291 U	**0.149 J**
Pyrene	100	1000	100	**9.76**	**9.9**	**730**	0.282 U	**2.3 J**	**0.389 J**	**0.045 J**	**0.0484 J**	0.291 U	**0.31 J**
Total PAHs	NE	NE	NE	**91.694**	**63.621**	**10236.3**	**0.1948**	**16.615**	**3.6324**	**0.3321**	**0.699**	**0.029**	**3.991**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	**0.139 J**	**0.0894 J**	3.07 U	0.282 U	0.741 U	0.73 U	0.287 U	0.385 U	0.291 U	0.704 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.207**	0.0311 U	**137**	0.0282 U	0.37 U	0.364 U	0.0287 U	0.0385 U	0.0291 U	0.351 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.189 J**	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Butyl benzyl phthalate	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Caprolactam	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Carbazole	NE	NE	NE	**0.533**	**0.262 J**	**32.2**	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
2-Chloronaphthalene	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Dibenzofuran	7	210	59	**0.444**	**0.21 J**	**82.8**	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Diethyl phthalate	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Dimethyl phthalate	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
2,4-Dimethylphenol	NE	NE	NE	0.279 UJ	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Di-n-butyl phthalate	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
2,6-Dinitrotoluene	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Di-n-octyl phthalate	NE	NE	NE	0.558 U	0.623 U	6.14 U	0.564 U	0.37 U	0.364 U	0.574 U	0.771 U	0.582 U	0.351 U
2-Methylnaphthalene	NE	NE	NE	**1.01**	**1.4**	**1270**	**0.036 J**	0.37 U	0.364 U	**0.0297 J**	0.385 U	0.291 U	**0.0768 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	**0.0345 J**	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	**0.0776 J**	0.311 U	**0.975 J**	0.282 U	0.741 U	0.73 U	0.287 U	0.385 U	0.291 U	0.704 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.279 U	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Phenol	0.33	0.33	100	0.279 UJ	0.311 U	3.07 U	0.282 U	0.37 U	0.364 U	0.287 U	0.385 U	0.291 U	0.351 U
Total SVOCs	NE	NE	NE	**93.3181**	**64.1824**	**10489.275**	**0.1948**	**16.615**	**3.6324**	**0.3321**	**0.699**	**0.029**	**3.991**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5)	WW-SB-233 (5-10)	WW-SB-233 (20-22)	WW-SB-233 (35-40)	WW-SB-234 (0-5)	Duplicate of WW-SB-234 (0-5)	WW-SB-234 (5-10)	WW-SB-234 (20-25)	WW-SB-234 (25-30)	WW-SB-235 (0-5)
Sample Depth (feet)				8/5/2022	8/10/2022	8/10/2022	8/10/2022	7/20/2022	7/20/2022	7/26/2022	7/26/2022	7/26/2022	7/20/2022
Sample Date													
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5)	WW-SB-233 (5-10)	WW-SB-233 (20-22)	WW-SB-233 (35-40)	WW-SB-234 (0-5)	Duplicate of WW-SB-234 (0-5)	WW-SB-234 (5-10)	WW-SB-234 (20-25)	WW-SB-234 (25-30)	WW-SB-235 (0-5)
Sample Depth (feet)				8/5/2022	8/10/2022	8/10/2022	8/10/2022	7/20/2022	7/20/2022	7/26/2022	7/26/2022	7/26/2022	7/20/2022
Sample Date													
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	0.001 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	**0.00099 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	**0.00025 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	0.05 U	NA	NA	NA	0.05 U	0.05 U	NA	NA	NA	0.05 U
Aroclor 1248	NE	NE	NE	0.05 U	NA	NA	NA	0.05 U	0.05 U	NA	NA	NA	0.05 U
Aroclor 1254	NE	NE	NE	0.05 U	NA	NA	NA	0.05 U	0.05 U	NA	NA	NA	0.05 U
Aroclor 1260	NE	NE	NE	**0.06**	NA	NA	NA	0.05 U	0.05 U	NA	NA	NA	0.05 U
Aroclor 1268	NE	NE	NE	0.05 U	NA	NA	NA	0.05 U	0.05 U	NA	NA	NA	0.05 U
Total PCB Aroclors	0.1	3.2	1	**0.06**	NA	NA	NA	ND	ND	NA	NA	NA	ND
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0017 U	NA	NA	NA	0.0016 U	0.0016 U	NA	NA	NA	0.0015 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Chlordane (Technical)	NE	NE	NE	**0.118**	NA	NA	NA	**0.0153 J**	**0.015 J**	NA	NA	NA	0.0305 U
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	**0.0134 J**	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
gamma-Chlordane	NE	NE	NE	**0.012**	NA	NA	NA	**0.0023 J**	**0.002 J**	NA	NA	NA	**0.0012 J**
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	**0.0137**	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0029 U	NA	NA	NA	**0.0017 J**	0.0026 U	NA	NA	NA	0.0025 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0029 U	NA	NA	NA	**0.0048**	0.0026 U	NA	NA	NA	0.0025 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
Dieldrin	0.005	0.1	0.2	**0.0033 JN**	NA	NA	NA	**0.0113 J**	**0.008 J**	NA	NA	NA	**0.0078 J**
alpha-Endosulfan (I)	2.4	102	24	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
beta-Endosulfan (II)	2.4	102	24	**0.0034 JN**	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Endosulfan sulfate	2.4	1000	24	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Endrin	0.014	0.06	11	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Endrin aldehyde	NE	NE	NE	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Endrin ketone	NE	NE	NE	0.0029 UJ	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Heptachlor	0.042	0.38	2.1	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Heptachlor epoxide	NE	NE	NE	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Hexachlorobenzene	0.33	3.2	1.2	0.0029 U	NA	NA	NA	0.0027 UJ	0.0026 UJ	NA	NA	NA	0.0025 U
Methoxychlor	NE	NE	NE	0.0029 U	NA	NA	NA	0.0027 U	0.0026 U	NA	NA	NA	0.0025 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.198 U	NA	NA	NA	0.187 U	0.187 U	NA	NA	NA	0.188 U
Dicamba	NE	NE	NE	0.01 U	NA	NA	NA	0.009 U	0.009 U	NA	NA	NA	0.009 U
Dichloroprop	NE	NE	NE	0.198 U	NA	NA	NA	0.187 U	0.187 U	NA	NA	NA	0.188 U
Mecoprop (MCPP)	NE	NE	NE	**10.5 J**	NA	NA	NA	18.7 U	18.7 U	NA	NA	NA	18.8 U
Methylchlorophenoxyacetic acid	NE	NE	NE	19.5 U	NA	NA	NA	18.5 U	18.5 U	NA	NA	NA	18.6 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.01 U	NA	NA	NA	0.009 U	0.009 U	NA	NA	NA	0.009 U
2,4,5-TP (Silvex)	3.8	3.8	100	**0.002 J**	NA	NA	NA	0.009 U	0.009 U	NA	NA	NA	0.009 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**6470**	**7530 J**	**7090 J**	**3720 J**	**5380**	**4480**	**5980**	**22400**	**4640**	**2510**
Antimony	NE	NE	NE	2.55 U	2.55 UJ	3.6 UJ	2.76 UJ	2.25 UJ	2.24 UJ	2.8 U	3.48 U	2.82 U	2.4 U
Arsenic	13	16	16	**13.7**	**65.5 J**	**17 J**	**4.21 J**	**1.76 J**	**1.63 J**	**0.9 J**	**3.86**	2.82 U	**1.66 J**
Barium	350	820	400	**106**	**119 J**	**305 J**	**14.1 J**	**52**	**41.2**	**43.4**	**167**	**44.5**	**19.7 J**
Beryllium	7.2	47	72	**0.42 J**	**0.71 J**	**0.84 J**	**0.39 J**	**0.26 J**	**0.23 J**	**0.34 J**	**0.93 J**	**0.81 J**	**0.22 J**
Cadmium	2.5	7.5	4.3	2.04 U	2.04 UJ	2.88 UJ	2.21 UJ	1.8 U	1.79 U	2.24 U	2.79 U	2.26 U	1.92 U
Calcium	NE	NE	NE	**34400**	**4820 J**	**7490 J**	**3650 J**	**9870 J**	**15300 J**	**1870 J**	**2050 J**	**5340 J**	**11600 J**
Chromium	30	NE	180	**17.1**	**22 J**	**9.67 J**	**9.44 J**	**13.4 J**	**10.5 J**	**10.2 J**	**45.5 J**	**8.04 J**	**6.15 J**
Cobalt	NE	NE	NE	**10.1 J**	**27.4 J**	**8.17 J**	**4.8 J**	**3.54 J**	**2.84 J**	**2.39 J**	**16**	**8.75 J**	**1.56 J**
Copper	50	1720	270	**82**	**249 J**	**51.3 J**	27.6 UJ	**16.5 J**	**10.3 J**	28 UJ	**24.5 J**	28.2 UJ	**6.13 J**
Iron	NE	NE	NE	**23900**	**23200 J**	**19100 J**	**28900 J**	**9540 J**	**8040 J**	**9540 J**	**39100 J**	**61500 J**	**5000 J**
Lead	63	450	400	**156**	**878 J**	**428 J**	55.3 UJ	**40.3 J**	**27.8 J**	**3.07 J**	**63.6 J**	**8.89 J**	**20.6 J**
Magnesium	NE	NE	NE	**6480 J**	**2110 J**	**1250 J**	**2080 J**	**4160 J**	**6780 J**	**3330 J**	**9280 J**	**4880 J**	**6650 J**
Manganese	1600	2000	2000	**332**	**189 J**	**189 J**	**364 J**	**169**	**136**	**140**	**283**	**4330**	**87.5**
Mercury	0.18	0.73	0.81	**0.361**	**0.317 J**	**0.453 J**	0.025 UJ	**0.071**	**0.075**	0.033 U	**0.023 J**	0.035 U	**0.049**
Nickel	30	130	310	**18.5 J**	**35 J**	**14.7 J**	**4.64 J**	**14.3 J**	**11.5 J**	**4.73 J**	**25.5 J**	**9.42 J**	**13.7 J**
Potassium	NE	NE	NE	**1360 J**	**985 J**	**723 J**	**365 J**	2250 UJ	2240 UJ	**2250 J**	**7260 J**	**1450 J**	**701 J**
Selenium	3.9	4	180	2.55 UJ	**3.49 J**	**1.64 J**	2.76 UJ	2.25 U	2.24 U	**1.01 J**	**1.25 J**	**0.98 J**	**0.66 J**
Silver	2	8.3	180	2.04 U	2.04 U	2.88 U	2.21 U	1.8 U	1.79 U	2.24 U	2.79 U	2.26 U	1.92 U
Sodium	NE	NE	NE	**626 J**	**553 J**	**1580 J**	**266 J**	2250 U	2240 U	**241 J**	**1110 J**	**831 J**	**144 J**
Thallium	NE	NE	NE	2.55 U	2.55 UJ	3.6 UJ	2.76 UJ	**0.45 J**	2.24 U	2.8 U	3.48 U	2.82 U	2.4 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
Tin	NE	NE	NE	**14 J**	**35.6 J**	**26.4 J**	55.3 UJ	45 UJ	44.9 UJ	56 U	69.7 U	56.5 U	48.1 U
Vanadium	NE	NE	NE	**24.1**	**17.2 J**	**22.7 J**	**19.5 J**	**14**	**11.6**	**15.3**	**67.8**	**20.8**	**5.96 J**
Zinc	109	2480	10000	**215 J**	**60.4 J**	**301 J**	**15.9 J**	**67.6 J**	**45.3 J**	**22.8 J**	**81.3 J**	**51.8 J**	**35.5 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.221 U	0.239 U	0.311 U	0.236 U	0.209 U	0.205 U	0.231 U	0.31 U	0.24 U	0.212 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-233 (0.5-5) 8/5/2022	WW-SB-233 (5-10) 8/10/2022	WW-SB-233 (20-22) 8/10/2022	WW-SB-233 (35-40) 8/10/2022	WW-SB-234 (0-5) 7/20/2022	Duplicate of WW-SB-234 (0-5) 7/20/2022	WW-SB-234 (5-10) 7/26/2022	WW-SB-234 (20-25) 7/26/2022	WW-SB-234 (25-30) 7/26/2022	WW-SB-235 (0-5) 7/20/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**1040**	NA	NA	NA	**94.7 J**	**282 J**	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.002 U	0.0021 U	0.0034 U	**0.0287 J**	**7.94**	**7.71**	0.0029 U	0.0033 U	**5.63**	**1.04**
Toluene	0.7	0.7	100	0.002 U	0.0021 U	0.0034 U	**0.0097 J**	**0.0747 J**	**0.0219 J**	0.0029 U	0.0033 U	**3.13**	**0.247**
Ethylbenzene	1	1	41	0.002 U	0.0021 U	0.0034 U	**0.0109 J**	**44.9**	**38.2**	0.0029 U	0.0033 U	**3.48**	**0.58**
o-Xylene	0.26	1.6	100	0.002 U	0.0021 U	0.0034 U	**0.0199 J**	**2.24**	**2.14**	0.0029 U	0.0033 U	**1.17**	**0.328**
m/p-Xylene	0.26	1.6	100	0.004 U	0.0041 U	0.0067 U	**0.0154 J**	**1.67 J**	**0.183 J**	0.0059 U	0.0066 U	**3.53**	**0.557**
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	ND	**0.0846**	**56.8247**	**48.2549**	ND	ND	**16.94**	**2.752**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0198 U	0.0205 U	**0.0349 J**	**0.131 J**	0.0424 UJ	0.0444 UJ	0.0294 UJ	**0.0144 J**	4.76 U	3.15 U
n-Butylbenzene	12	12	100	0.002 U	0.0021 U	0.0034 U	**0.0477 J**	0.0042 U	0.0044 U	0.0029 U	0.0033 U	**3.11**	**4.38**
sec-Butylbenzene	11	11	100	0.002 U	0.0021 U	0.0034 U	**0.0294 J**	**1.96**	**2.53**	0.0029 U	0.0033 U	**0.99**	**2.02**
tert-Butylbenzene	5.9	5.9	100	0.002 U	0.0021 U	0.0034 U	**0.0043 J**	**0.0952 J**	**0.0192 J**	0.0029 U	0.0033 U	**0.149 J**	**0.232**
Carbon disulfide	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0025 J**	**0.0206 J**	**0.0063**	0.0029 U	0.0033 U	**0.0838 J**	**0.0302 J**
Chlorobenzene	1.1	1.1	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
Cyclohexane	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0043 J**	**5.98**	**6.2**	0.0029 U	0.0033 U	**0.842**	**1.21**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0253 J**	**6.44**	**7.85**	0.0029 U	0.0033 U	**0.926**	**0.184**
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.002 U	0.0021 UJ	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 UJ	1.14 U	0.756 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,1-Dichloroethane	0.27	0.27	26	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,1-Dichloroethene	0.33	0.33	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,2-Dichloropropane	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
Isopropylbenzene	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0954 J**	**14.4**	**17.3**	0.0029 U	0.0033 U	**3.84**	**3.8**
Methyl acetate	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	**0.903 J**	**0.711 J**
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0198 U	0.0205 U	0.0337 U	**0.0112 J**	0.0424 U	0.0444 U	0.0294 U	0.0332 U	4.76 U	3.15 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0198 U	0.0205 U	0.0337 U	0.0389 UJ	0.0424 U	0.0444 U	0.0294 U	0.0332 U	1.9 U	1.26 U
Methylcyclohexane	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0191 J**	**13.9**	**14**	0.0029 U	0.0033 U	**3.42**	**6.68**
Methylene chloride	0.05	0.05	100	0.0099 U	0.0103 U	0.0168 U	0.0195 UJ	0.0212 U	0.0222 U	0.0147 U	0.0166 U	0.952 U	0.63 U
Naphthalene	12	12	100	**0.0007 J**	0.0021 U	0.0034 U	**6.71**	**902 J**	**1020 J**	**0.002 J**	**0.0014 J**	**14.3**	**3.42**
n-Propylbenzene	3.9	3.9	100	0.002 U	0.0021 U	0.0034 U	**0.0683 J**	**8.39**	**9.92**	0.0029 U	0.0033 U	**2.41**	**3.94**
Styrene	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0025 J**	**0.0052 J**	**0.0016 J**	0.0029 U	0.0033 U	**0.229**	0.126 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
Tetrahydrofuran	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	**0.0148 J**	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,1,2-Trichloroethane	NE	NE	NE	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	**0.214**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Trichloroethene (TCE)	0.47	0.47	21	0.002 U	0.0021 U	0.0034 U	0.0039 UJ	0.0042 U	0.0044 U	0.0029 U	0.0033 U	0.19 U	0.126 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.002 U	0.0021 U	0.0034 U	**0.085 J**	**39.3**	**38.8**	**0.0017 J**	0.0033 U	**2.49**	**0.197**
1,3,5-Trimethylbenzene	8.4	8.4	52	0.002 U	0.0021 U	0.0034 U	**0.0044 J**	**8.2**	**7.03**	**0.001 J**	0.0033 U	**0.568**	**0.199**
Vinyl chloride	0.02	0.02	0.9	0.004 U	0.0041 U	0.0067 U	0.0078 UJ	0.0085 U	0.0089 U	0.0059 U	0.0066 U	0.19 U	0.126 U
Total VOCs	NE	NE	NE	**0.0007**	ND	**0.0349**	**7.3398**	**1057.5157**	**1171.912**	**0.0047**	**0.0158**	**51.2008**	**29.9692**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.0201 J**	0.3 U	**0.0691 J**	**13**	**33.5 J**	**126 J**	0.294 U	**0.457**	**61.1**	**19.1**
Acenaphthylene	100	107	100	**0.0597 J**	**0.0314 J**	**0.271**	**10**	**4.74 J**	**9.92 J**	0.294 U	**3.18**	**12.5**	**2.08**
Anthracene	100	1000	100	**0.0506 J**	0.3 U	**0.109 J**	**11.5**	**16.9 J**	**49.3 J**	**0.0188 J**	**1.51**	**42.7**	**9.17**
Benzo(a)anthracene	1	1	1	**0.136 J**	0.3 U	**0.267**	**7.95**	**18.2 J**	**35 J**	0.294 U	**4.98**	**40.8**	**7.48**
Benzo(b)fluoranthene	1	1.7	1	**0.143 J**	0.3 U	**0.355**	**4.45**	**12.1**	**17**	0.294 U	**5.32**	**25**	**5.17**
Benzo(k)fluoranthene	0.8	1.7	3.9	**0.11 J**	0.3 U	**0.284**	**4.6**	**6.95 J**	**12 J**	0.294 U	**4.74**	**27.4**	**5.41**
Benzo(g,h,i)perylene	100	1000	100	**0.123 J**	0.3 U	**0.313**	**4.13**	**5.22 J**	**10.8 J**	0.294 U	**6.21**	**18.7**	**4.09**
Benzo(a)pyrene	1	22	1	**0.177 J**	0.3 U	**0.582**	**8.57**	**14 J**	**29.6 J**	0.294 U	**8.72**	**46.8**	**9.13**
Chrysene	1	1	3.9	**0.131 J**	0.3 U	**0.282**	**7.55**	**16 J**	**30.7 J**	0.294 U	**4.68**	**39.6**	**6.86**
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.0341 J**	0.3 U	**0.0932 J**	**1.1**	**1.85**	**3**	0.294 U	**1.85**	**7.85**	**1.54**
Fluoranthene	100	1000	100	**0.161 J**	0.3 U	**0.326**	**12.3**	**32.9 J**	**56.1 J**	0.294 U	**4.61**	**53.1**	**8.66**
Fluorene	30	386	100	0.267 U	0.3 U	**0.028 J**	**10.1**	**13.8 J**	**55.7 J**	0.294 U	**0.352**	**35.4**	**10.1**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**0.137 J**	0.3 U	**0.357**	**4.9**	**7.3 J**	**15 J**	0.294 U	**7.39**	**23.2**	**5.32**
2-Methylnaphthalene	NE	NE	NE	**0.0264 J**	0.3 U	**0.0541 J**	**0.953**	**53.3 J**	**267 J**	**0.0484 J**	**0.808**	**13.3**	**4.73**
Naphthalene	12	12	100	**0.0518 J**	0.3 U	**0.09 J**	**2.44**	**185 J**	**769 J**	**0.274 J**	**1.45**	**28.5**	**7.13**
Phenanthrene	100	1000	100	**0.121 J**	0.3 U	**0.199**	**33.1**	**40 J**	**145 J**	**0.0235 J**	**2.81**	**123**	**32.2**
Pyrene	100	1000	100	**0.162 J**	0.3 U	**0.475**	**21.3**	**32.6 J**	**76.9 J**	**0.0195 J**	**5.92**	**106**	**16.7**
Total PAHs	NE	NE	NE	**1.6437**	**0.0314**	**4.1544**	**157.943**	**494.36**	**1708.02**	**0.3842**	**64.987**	**704.95**	**154.87**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.267 U	0.3 U	0.172 U	**0.307 J**	0.347 U	0.363 U	0.294 U	**0.124 J**	0.288 U	0.292 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0267 U	0.03 U	0.0172 U	**0.298**	**1.9 J**	**7.86 J**	0.0294 U	**0.141**	**5.98**	0.0292 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.267 U	0.3 U	**0.15 J**	0.315 U	0.347 U	0.363 U	0.294 U	**0.178 J**	0.288 U	**0.149 J**
Butyl benzyl phthalate	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Caprolactam	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Carbazole	NE	NE	NE	**0.0211 J**	0.3 U	**0.0157 J**	**0.402**	**1.11**	**2.45**	0.294 U	**0.277 J**	**1.66**	**0.41**
2-Chloronaphthalene	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Dibenzofuran	7	210	59	0.267 U	0.3 U	**0.0205 J**	**1.28**	**3.4 J**	**5.91 J**	0.294 U	**0.304**	**4.52**	**2.55**
Diethyl phthalate	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Dimethyl phthalate	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
2,4-Dimethylphenol	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Di-n-butyl phthalate	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
2,6-Dinitrotoluene	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Di-n-octyl phthalate	NE	NE	NE	**0.0488 J**	0.6 U	0.343 U	0.63 U	0.695 U	0.725 U	0.589 U	0.57 U	0.576 U	0.585 U
2-Methylnaphthalene	NE	NE	NE	**0.0264 J**	0.3 U	**0.0541 J**	**0.953**	**53.3 J**	**267 J**	**0.0484 J**	**0.808**	**13.3**	**4.73**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10)	WW-SB-235 (70-75)	WW-SB-251 (0-5)	WW-SB-251 (6-9)	WW-SB-251 (13-14)	Duplicate of WW-SB-251 (13-14)	WW-SB-251 (23-25)	WW-SB-252 (0-5)	WW-SB-252 (5-10)	WW-SB-252 (10-15)
Sample Depth (feet)				7/26/2022	7/26/2022	7/21/2022	7/25/2022	7/25/2022	7/25/2022	7/25/2022	8/2/2022	8/3/2022	8/3/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	**0.0463 J**	**0.375**	0.292 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Phenol	0.33	0.33	100	0.267 U	0.3 U	0.172 U	0.315 U	0.347 U	0.363 U	0.294 U	0.285 U	0.288 U	0.292 U
Total SVOCs	NE	NE	NE	**1.7136**	**0.0314**	**4.3406**	**160.23**	**500.77**	**1724.24**	**0.3842**	**66.0573**	**717.485**	**157.979**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	**60.9 J**	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	**38.7 J**	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	**55 J**	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	**2.08 J**	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	**2.82 JN**	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	**2.94 JN**	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	**4.37 JN**	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	**10.7 JN**	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	**13.7 JN**	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	**38.1 J**	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	**24.6 J**	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	**4.6**	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	**26.5 J**	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	**7.44 J**	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	**3.87 J**	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	**5.92 J**	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	**23.4 J**	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	**41.4 J**	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	**23.8 J**	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	**1.75 J**	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	**8.4 JN**	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	**9.93 JN**	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	**7.81 JN**	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	**3.5 JN**	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	**1.84 J**	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	**0.597 J**	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	**0.219 J**	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	0.0465 U	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	**7.55**	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	**27.8 JN**	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	**13.4 JN**	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	**5.22 JN**	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	**2.09 JN**	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	**34 J**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Coronene	NE	NE	NE	NA	NA	NA	**6.89 J**	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	**0.401 J**	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	**0.539 J**	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	**1.75 J**	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	**10 JN**	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	**17.2 JN**	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	**14.6 JN**	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	**13.6 JN**	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	**7.78 J**	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	**6.23 J**	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	**20.6 J**	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	**22 JN**	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	**16.1 JN**	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	**7.42 JN**	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	**3.15 JN**	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	**1.95 J**	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	**48.6 J**	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	**68.4 JN**	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	**24.9 JN**	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	**8.98 JN**	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	**45 J**	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	**24.7 JN**	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	**16.2 JN**	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	**8.28 JN**	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	**29.4 J**	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	**0.536 J**	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	**0.55 J**	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	**90.8 J**	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	**5.07 J**	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	**8.34 J**	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	**8.51 J**	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	**14 J**	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	**56.5 JN**	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	**53.3 JN**	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	**50.2 JN**	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	**23.3 JN**	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	**9.47 JN**	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	**5.91 JN**	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	**3.29 JN**	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	**0.859 JN**	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	**7.81 J**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Phenanthrene	100	1000	100	NA	NA	NA	**134**	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	**84.9 JN**	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	**34.5 JN**	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	**10.9 JN**	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	**3.69 JN**	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	**0.699 J**	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	**69.4 J**	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	**0.375 J**	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	**7.4 J**	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	**3.24 J**	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	**1.26 J**	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	**1.51 J**	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	**0.279 J**	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	**0.745 J**	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	**1.92 J**	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	**8.9 J**	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	**6.36**	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	**8.06**	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	**3.32**	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	**8.84**	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	**12.4**	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	**8.52**	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name				WW-SB-235	WW-SB-235	WW-SB-251	WW-SB-251	WW-SB-251	Duplicate of WW-SB-251	WW-SB-251	WW-SB-252	WW-SB-252	WW-SB-252
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(5-10)	(70-75)	(0-5)	(6-9)	(13-14)	(13-14)	(23-25)	(0-5)	(5-10)	(10-15)
Sample Date				7/26/2022	7/26/2022	7/21/2022	7/25/2022	7/25/2022	7/25/2022	7/25/2022	8/2/2022	8/3/2022	8/3/2022
C-34	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	0.931 U	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	**0.62 J**	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	**1.8**	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	**13.7**	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	**18.6**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	**21.9**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	**18.4**	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	**22**	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.03 U	NA	NA	NA	NA	0.06 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.03 U	NA	NA	NA	NA	0.06 U	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.03 U	NA	NA	NA	NA	0.06 U	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.03 U	NA	NA	NA	NA	**0.07**	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.03 U	NA	NA	NA	NA	0.06 U	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	NA	**0.07**	NA	NA
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0015 U	NA	NA	NA	NA	0.0017 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	0.0307 U	NA	NA	NA	NA	**0.101 J**	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.0026 U	NA	NA	NA	NA	**0.0124**	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	**0.0097**	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.0015 J**	NA	NA	NA	NA	**0.0149 J**	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0026 U	NA	NA	NA	NA	**0.0031 JN**	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Dieldrin	0.005	0.1	0.2	NA	NA	**0.0016 J**	NA	NA	NA	NA	**0.0037 JN**	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0026 U	NA	NA	NA	NA	**0.0033 JN**	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	0.0026 U	NA	NA	NA	NA	0.0028 U	NA	NA
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.19 U	NA	NA	NA	NA	0.202 U	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.009 U	NA	NA	NA	NA	0.01 U	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.19 U	NA	NA	NA	NA	0.202 U	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	19 U	NA	NA	NA	NA	20.2 U	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	18.8 U	NA	NA	NA	NA	20 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.01 U	NA	NA	NA	NA	0.01 U	NA	NA
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4900**	**4340**	**3460**	**6440**	**2960**	**3540**	**7720**	**7730 J**	**6720**	**6070**
Antimony	NE	NE	NE	2.56 U	2.7 U	2.55 U	2.92 U	**2.36 J**	**0.78 J**	2.74 U	2.15 UJ	2.76 U	2.72 U
Arsenic	13	16	16	**2.21 J**	**0.89 J**	**1.84 J**	**104**	**10.3**	**10.4**	**1.18 J**	**12**	**8.72**	**3.47**
Barium	350	820	400	**29.2**	**38.9**	**27.8**	**77.3**	**40.2**	**49.6**	**44.3**	**132 J**	**118**	**50.2**
Beryllium	7.2	47	72	**0.22 J**	**0.4 J**	**0.23 J**	**0.78 J**	1.42 U	**0.38 J**	**0.49 J**	**0.51 J**	**0.65 J**	**0.42 J**
Cadmium	2.5	7.5	4.3	2.04 U	2.16 U	2.04 U	**1.37 J**	2.59 UJ	2.64 UJ	2.19 UJ	**0.95 J**	2.2 U	2.18 U
Calcium	NE	NE	NE	**5690 J**	**10700 J**	**19700**	**8440**	**22700**	**18500**	**482**	**26200 J**	**2780 J**	**14500 J**
Chromium	30	NE	180	**7.99 J**	**6.35 J**	**9.79 J**	**10.8 J**	**3.66 J**	**3.85 J**	**19.1**	**19.2 J**	**12.9**	**12.7**
Cobalt	NE	NE	NE	**3.03 J**	**3.29 J**	**1.65 J**	**25.3**	**3.4 J**	**6.37 J**	**4.45 J**	**8.4 J**	**22.3**	**5.23 J**
Copper	50	1720	270	**10.2 J**	**5.56 J**	**9.1 J**	**88.3**	**35.2**	**34.2**	**17.6 J**	**90.3 J**	**44.1**	**29**
Iron	NE	NE	NE	**10200 J**	**9600 J**	**6420**	**28100**	**70000**	**55500**	**28600**	**21200 J**	**26500**	**16100**
Lead	63	450	400	**33.7 J**	54.1 UJ	**30.5 J**	**229**	**160**	**186**	**5.13 J**	**259 J**	**152**	**59.7**
Magnesium	NE	NE	NE	**3000 J**	**5420 J**	**3990**	**1810**	**3840**	**1960**	**2530**	**5450 J**	**1600**	**4280**
Manganese	1600	2000	2000	**169**	**212**	**116 J**	**128**	**948**	**669**	**117**	**287 J**	**77.7**	**294**
Mercury	0.18	0.73	0.81	**0.031 J**	0.038 U	**0.063**	**0.277**	**0.118**	**0.081**	**0.012 J**	**0.364 J**	**0.39**	**0.058**
Nickel	30	130	310	**6.8 J**	**7.63 J**	**8.71 J**	**46.1**	**9.36 J**	**13.5 J**	**11.3 J**	**22.7**	**36.3**	**11.2 J**
Potassium	NE	NE	NE	**1320 J**	**1200 J**	**907 J**	**739 J**	**408 J**	**526 J**	**2150 J**	**1300 J**	**836 J**	**1180 J**
Selenium	3.9	4	180	**0.96 J**	**1.01 J**	2.55 U	**7.48 J**	**3.23 J**	**3.58 J**	**1.14 J**	**0.91 J**	2.76 U	2.72 U
Silver	2	8.3	180	2.04 U	2.16 U	2.04 U	2.34 UJ	2.59 UJ	2.64 UJ	2.19 UJ	1.72 U	2.2 U	2.18 U
Sodium	NE	NE	NE	**167 J**	**1410 J**	2550 U	**439 J**	**317 J**	**562 J**	**471 J**	**507 J**	**401 J**	**330 J**
Thallium	NE	NE	NE	2.56 U	2.7 U	2.55 U	2.92 U	3.24 U	3.31 U	2.74 U	2.15 U	2.76 U	2.72 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Tin	NE	NE	NE	51.1 U	54.1 U	51 U	58.4 UJ	64.7 UJ	66.1 UJ	54.8 UJ	43.1 U	55.1 U	54.4 U
Vanadium	NE	NE	NE	**10.8**	**10.2 J**	**8.83 J**	**18**	**9.28 J**	**12.9 J**	**36.2**	**24.9 J**	**20.2**	**20.1**
Zinc	109	2480	10000	**44.6 J**	**24 J**	**34.5**	**357**	**87.3**	**75**	**45.7**	**287 J**	**347**	**49.9**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.216 U	0.242 U	0.21 U	0.241 U	0.288 U	0.282 U	0.243 U	0.223 U	0.226 U	0.234 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	**0.137**	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	**0.0937**	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	**0.0626**	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	**0.0243**	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	**0.0255**	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	**0.0332**	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	**0.0288**	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	**0.0257**	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	**0.0365**	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	**0.0288**	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	**0.0335**	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	**0.0453**	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	**0.0693**	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	**0.026**	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	**0.0411**	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	**0.033**	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	**0.0133**	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	**0.156**	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	**0.0388**	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	**0.0204**	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	**0.0338**	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	**0.0196**	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	**0.217**	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	**0.0221**	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	**0.0623**	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	**0.0477**	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	0.00931 U	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	**0.0419**	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	**0.0374**	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	**0.0351**	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	**0.0279**	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	**0.0317**	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	**0.0262**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 4									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-235 (5-10) 7/26/2022	WW-SB-235 (70-75) 7/26/2022	WW-SB-251 (0-5) 7/21/2022	WW-SB-251 (6-9) 7/25/2022	WW-SB-251 (13-14) 7/25/2022	Duplicate of WW-SB-251 (13-14) 7/25/2022	WW-SB-251 (23-25) 7/25/2022	WW-SB-252 (0-5) 8/2/2022	WW-SB-252 (5-10) 8/3/2022	WW-SB-252 (10-15) 8/3/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	**0.0202**	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	**0.0216**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	**0.128**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	**0.0482**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	**0.0609**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	**0.2**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	**0.115**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	**0.106**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	**0.247**	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	**0.0338**	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	**0.0342**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	**0.145**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	**0.144**	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	**0.134**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	**0.16**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	**0.129**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	**0.14**	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	**0.0996**	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	**0.143**	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	**1080**	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	**473**	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	**1670**	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	**1980**	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	**6490**	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	**6470**	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	**7890**	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0029 U	**1.58**	**0.54**	**4.23**	**0.0264 J**	**0.442**	NA	**1.6**	**0.00074 J**	0.006 U
Toluene	0.7	0.7	100	0.0029 U	0.0136 U	0.337 U	0.503 U	0.0162 U	0.442 U	NA	**2.51**	0.0057 U	**0.0018 J**
Ethylbenzene	1	1	41	0.0029 U	**1.77**	**0.524**	**11.1**	**0.538 J**	**0.463**	NA	**1.89**	0.0057 U	0.006 U
o-Xylene	0.26	1.6	100	0.0029 U	**0.0304 J**	**0.297 J**	**1.66**	**0.1 J**	0.263 U	NA	**1.69**	NA	NA
m/p-Xylene	0.26	1.6	100	0.0058 U	**0.117 J**	**0.772 J**	**3.18**	**0.28 J**	0.526 U	NA	**3.94**	NA	NA
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	0.0057 U	0.006 U
Total BTEX	NE	NE	NE	ND	**3.4974**	**2.133**	**20.17**	**0.9444**	**0.905**	NA	**11.63**	**0.00074**	**0.0018**
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.0292 U	0.0355 U	5.08 U	5.52 U	0.0521 U	6.57 U	NA	4.96 U	0.023 UJ	0.024 UJ
n-Butylbenzene	12	12	100	0.0029 U	**7.06**	**8.83**	0.221 U	**0.183 J**	0.263 U	NA	**0.528**	NA	NA
sec-Butylbenzene	11	11	100	0.0029 U	**2.54**	**3.36**	**2.59**	**0.157 J**	**1.92**	NA	**2.33**	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.0029 U	**0.333**	**0.386**	0.221 U	**0.0117 J**	**0.925**	NA	**0.401**	NA	NA
Carbon disulfide	NE	NE	NE	0.0029 U	**0.004 J**	0.203 U	0.221 U	**0.0131 J**	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Chlorobenzene	1.1	1.1	100	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 UJ	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Cyclohexane	NE	NE	NE	0.0029 U	0.0036 U	**0.869**	**7.79**	**3.13**	**0.478**	NA	**1.18**	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0029 U	**0.779**	**0.175 J**	**3.73**	**0.0079 J**	0.263 U	NA	**0.191 J**	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0029 U	0.0036 UJ	1.22 U	1.32 UJ	0.0052 U	1.58 U	NA	1.19 UJ	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0029 U	0.0036 UJ	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0029 U	0.0036 UJ	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
1,1-Dichloroethene	0.33	0.33	100	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
1,2-Dichloropropane	NE	NE	NE	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Isopropylbenzene	NE	NE	NE	0.0029 U	**6.99**	**4.93**	**12.4**	**5.31**	**0.594**	NA	**1.41**	NA	NA
Methyl acetate	NE	NE	NE	0.0029 U	0.0036 U	**0.8 J**	2.21 U	0.0052 U	**1.45 J**	NA	**0.75 J**	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0292 U	0.0355 U	5.08 U	5.52 U	0.0521 U	6.57 U	NA	4.96 U	0.011 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0292 U	0.0355 U	2.03 U	2.21 U	0.0521 U	2.63 U	NA	1.99 U	0.0057 U	0.006 U
Methylcyclohexane	NE	NE	NE	0.0029 U	**18.1**	**3.66**	**40**	**28.4**	**1.91**	NA	**10.8**	NA	NA
Methylene chloride	0.05	0.05	100	0.0146 U	0.0178 U	1.02 U	1.1 U	0.026 UJ	1.31 U	NA	0.993 U	0.023 U	0.024 U
Naphthalene	12	12	100	0.0029 U	**13.2**	**4.32**	**142**	**0.116 J**	**2.88**	NA	**8.6**	NA	NA
n-Propylbenzene	3.9	3.9	100	0.0029 U	**6.11**	**5.11**	**9.79**	**6.13**	**0.289**	NA	**1.26**	NA	NA
Styrene	NE	NE	NE	0.0029 U	0.0036 U	0.203 U	0.221 U	**0.0103 J**	0.263 U	NA	0.199 U	0.0057 U	0.006 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 UJ	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Tetrahydrofuran	NE	NE	NE	0.0029 U	0.0036 U	NA	NA	0.0052 U	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.0029 U	0.0036 UJ	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Trichloroethene (TCE)	0.47	0.47	21	0.0029 U	0.0036 U	0.203 U	0.221 U	0.0052 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0029 U	**1.88**	**0.366**	**14.6**	**0.0359 J**	**0.578**	NA	**2.03**	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0029 U	**2.31**	**0.158 J**	**13.9**	**0.0263 J**	**0.163 J**	NA	**0.341**	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0058 U	0.0071 U	0.203 U	0.221 U	0.0104 U	0.263 U	NA	0.199 U	0.0057 U	0.006 U
Total VOCs	NE	NE	NE	ND	**62.8034**	**35.097**	**266.97**	**44.4756**	**12.092**	NA	**41.451**	**0.00074**	**0.0018**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.298 U	**39.1**	**33.1**	**293**	**22.2**	**71.1**	NA	**29.2**	**0.3 J**	**0.45 J**
Acenaphthylene	100	107	100	0.298 U	**4.19**	**6.69**	**31.7**	**6.08**	**10**	NA	**26.5**	**1.5 J**	**1.3 J**
Anthracene	100	1000	100	0.298 U	**17.8**	**24.7**	**117**	**40**	**25.5**	NA	**53.2**	**0.97 J**	**1.4 J**
Benzo(a)anthracene	1	1	1	0.298 U	**13.4**	**31.9**	**94.1**	**38.2**	**40.2**	NA	**66.9**	**4.3**	**4.5**
Benzo(b)fluoranthene	1	1.7	1	0.298 U	**7.47**	**27**	**59.5**	**21.5**	**29.5**	NA	**63.8**	**6.8**	**5.8**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.298 U	**8.97**	**23.9**	**61**	**20.8**	**24.7**	NA	**35.4**	**3 J**	**2.3**
Benzo(g,h,i)perylene	100	1000	100	0.298 U	**6.12**	**24.3**	**44.4**	**9.24**	**25.2**	NA	**59.4**	**2.5 J**	**6.3 J**
Benzo(a)pyrene	1	22	1	0.298 U	**14.4**	**42.8**	**105**	**28.7**	**55.2**	NA	**111**	**5**	**5.9**
Chrysene	1	1	3.9	0.298 U	**11.8**	**28.4**	**84.1**	**31.6**	**35.3**	NA	**62.2**	**4.8**	**4.7**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.298 U	**2.29**	**7.81**	**15.6**	**4.1**	**18.2**	NA	**33.7**	**0.48 J**	**1.2 J**
Fluoranthene	100	1000	100	0.298 U	**17.1**	**32.6**	**150**	**76.7**	**48.6**	NA	**97.5**	**6.6**	**7.1**
Fluorene	30	386	100	0.298 U	**22.6**	**25.2**	**116**	**45.8**	**4.07**	NA	**9.59**	**0.38 J**	**0.55 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.298 U	**7.82**	**29.8 J**	**54.7**	**12.5**	**30.8 J**	NA	**62.9**	**2.8 J**	**6.3 J**
2-Methylnaphthalene	NE	NE	NE	0.298 U	**63.3**	**13.9**	**573**	**9.37**	**3.56**	NA	**19.8**	3.1 U	1.6 U
Naphthalene	12	12	100	0.298 U	**14.9**	**20.8**	**184**	**17.3**	**11.1**	NA	**32.8**	3.1 U	1.6 U
Phenanthrene	100	1000	100	0.298 U	**53.1**	**74.8**	**427**	**145**	**19.5**	NA	**85.9**	**3.5**	**4.7**
Pyrene	100	1000	100	0.298 U	**24.3**	**41.8**	**204**	**56.8**	**63.6**	NA	**141**	**7.8**	**8.7**
Total PAHs	NE	NE	NE	ND	**328.66**	**489.5**	**2614.1**	**585.89**	**516.13**	NA	**990.79**	**50.73**	**61.2**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	**1.14 J**	0.727 U	NA	1.39 U	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0298 U	0.134 U	0.131 U	**4.09**	0.16 U	0.0727 U	NA	**2.61**	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Butyl benzyl phthalate	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	**0.25 J**	**0.23 J**
Caprolactam	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	NA	NA
Carbazole	NE	NE	NE	0.298 U	**0.787 J**	**4.4**	**6.06**	1.6 U	**1.06**	NA	**2.51**	**0.28 J**	**0.51 J**
2-Chloronaphthalene	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Dibenzofuran	7	210	59	0.298 U	**2.09**	**10.3**	**25**	**27.2**	**1.87**	NA	**9.6**	3.1 U	**0.26 J**
Diethyl phthalate	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Dimethyl phthalate	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
2,4-Dimethylphenol	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Di-n-butyl phthalate	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
2,6-Dinitrotoluene	NE	NE	NE	0.298 U	**0.647 J**	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Di-n-octyl phthalate	NE	NE	NE	0.597 U	2.68 U	2.62 UJ	5.1 U	3.2 U	1.45 UJ	NA	2.78 U	3.1 U	1.6 U
2-Methylnaphthalene	NE	NE	NE	0.298 U	**63.3**	**13.9**	**573**	**9.37**	**3.56**	NA	**19.8**	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.298 U	1.34 U	1.31 U	**0.841 J**	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.298 U	1.34 U	**0.787 J**	**1.73 J**	1.6 U	0.727 U	NA	**0.706 J**	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	3.1 U	1.6 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.298 U	1.34 U	1.31 U	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Phenol	0.33	0.33	100	0.298 U	1.34 U	**0.578 J**	2.55 U	1.6 U	0.727 U	NA	1.39 U	3.1 U	1.6 U
Total SVOCs	NE	NE	NE	ND	**332.184**	**505.565**	**2651.821**	**614.23**	**519.06**	NA	**1006.216**	**51.26**	**62.2**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	**69.9 J**	**50.5 J**	**261 J**	**26.1 J**	**120 J**	**50 J**	NA	NA	NA
Acenaphthylene	100	107	100	NA	**8.79 J**	**8.76 J**	**38 J**	**16.5 J**	**23 J**	**37.2 J**	NA	NA	NA
Anthracene	100	1000	100	NA	**34.4 J**	**32.4 J**	**137 J**	**103 J**	**55.4 J**	**72.6 J**	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	**6.68 J**	**2.84 J**	**21.1 J**	**1.05 J**	**8.64 J**	**8.2 J**	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	**2.22 JN**	**2 JN**	**9.47 JN**	**0.42 JN**	**9.41 JN**	**14.5 JN**	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	**7.89 JN**	**6.15 JN**	**26.9 JN**	**1.22 JN**	**29.1 JN**	**20.2 JN**	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	**15.2 JN**	**9.96 JN**	**75.4 JN**	**9.68 JN**	**41.2 JN**	**14.5 JN**	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	**61.6 JN**	**97.1 JN**	**178 JN**	**73.7 JN**	**49 JN**	**15.7 JN**	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	**61.9 JN**	**155 JN**	**116 JN**	0.31 U	**42.7 JN**	**19.7 JN**	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	**31 J**	**29.7 J**	**93.7 J**	**92.2 J**	**145 J**	**119 J**	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	**23.9 J**	**25.2 J**	**92.7 J**	**65.7 J**	**227 J**	**150 J**	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	**8.97**	**23.9**	**61**	**20.8**	**24.7**	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	**27.3 J**	**25 J**	**79.7 J**	**60.6 J**	**194 J**	**162 J**	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	**5.4 J**	**5.21 J**	**20.2 J**	**16.2 J**	**15 J**	**12.8 J**	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	**2.62 J**	**2.4 J**	**8.25 J**	**3.61 J**	**6.55 J**	**6.64 J**	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	**5.38 J**	**5.92 J**	**16.7 J**	**23.6 J**	**14.3 J**	**10.6 J**	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	**20.5 J**	**22.4 J**	**62.3 J**	**31.6 J**	**204 J**	**198 J**	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	**41.4 J**	**39.3 J**	**144 J**	**76.7 J**	**349 J**	**276 J**	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	**20.9 J**	**21.5 J**	**73.1 J**	**42.8 J**	**178 J**	**127 J**	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	**2.11 J**	**3.62 J**	**5.98 J**	**1.27 J**	**3.08 J**	**1.42 J**	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	**17.9 JN**	**22.6 JN**	**42 JN**	**9.63 JN**	**7.09 JN**	**3.66 JN**	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	**24.5 JN**	**32.8 JN**	**50.3 JN**	**14.9 JN**	**10.3 JN**	**7.04 JN**	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	**18.5 JN**	**28.1 JN**	**27.3 JN**	**14.5 JN**	**11.9 JN**	**7.58 JN**	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	**8.89 JN**	**16.1 JN**	**12.7 JN**	**7.61 JN**	**7.21 JN**	**3.43 JN**	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	**1.13 J**	**0.918 J**	**4.92 J**	**0.608 J**	**5.72 J**	**2.13 J**	NA	NA	NA
n-Butylbenzene	12	12	100	NA	**3.93 J**	**7 J**	**7.01 J**	**5.35 J**	**1.51 J**	0.0797 U	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	**1.97 J**	**2.81 J**	**3.09 J**	**2.68 J**	**2.75 J**	**2.21 J**	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	**0.279 J**	**0.253 J**	0.0651 U	**0.162 J**	**0.798 J**	**0.482 J**	NA	NA	NA
Chrysene	1	1	3.9	NA	**11.8**	**28.4**	**84.1**	**31.6**	**35.3**	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	**27.9 JN**	**26.9 JN**	**84.6 JN**	**36.3 JN**	**88.4 JN**	**94 JN**	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	**16.9 JN**	**15.6 JN**	**50 JN**	**19.4 JN**	**44.1 JN**	**56 JN**	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	**8.75 JN**	**8.62 JN**	**27.6 JN**	**10.5 JN**	**20.3 JN**	**31.7 JN**	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	**4.43 JN**	**4.15 JN**	**14.3 JN**	**5.33 JN**	**9.13 JN**	**15.2 JN**	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	**26.3 J**	**26.9 J**	**86.1 J**	**73 J**	**126 J**	**104 J**	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Coronene	NE	NE	NE	NA	5.67 J	6.55 J	19.2 J	6.76 J	44.4 J	58.4 J	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	0.987 J	0.416 J	6.08 J	0.31 J	2.23 J	0.581 J	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	4.34 J	11.8 J	4.9 J	6.45 J	6.45 J	2.17 J	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	12.9 J	31.2 J	16.4 J	21.3 J	8.19 J	14.3 J	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	57.2 JN	157 JN	66.6 JN	85.7 JN	112 JN	34.5 JN	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	70.8 JN	189 JN	84.5 JN	88.6 JN	91.9 JN	31.6 JN	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	51.3 JN	109 JN	58 JN	61.7 JN	44.5 JN	18.5 JN	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	47.6 JN	91.2 JN	61.5 JN	55.2 JN	36.1 JN	18 JN	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	10.5 J	7.72 J	34.3 J	16.4 J	85 J	75.5 J	NA	NA	NA
Dibenzofuran	7	210	59	NA	5.94 J	8.23 J	16.5 J	37.6 J	6.23 J	10.1 J	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	14.9 J	17.2 J	42.6 J	23.2 J	10.8 J	16.5 J	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	23 JN	30.6 JN	55.8 JN	22.2 JN	29.1 JN	21.7 JN	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	21 JN	32 JN	45.1 JN	23.1 JN	26.2 JN	18.1 JN	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	11.6 JN	19.4 JN	23.7 JN	15.2 JN	13.7 JN	9.87 JN	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	5.34 JN	8.37 JN	8.73 JN	7.64 JN	5.17 JN	3.95 JN	NA	NA	NA
Ethylbenzene	1	1	41	NA	7.41 J	3.31 J	24.7 J	0.696 J	8.68 J	7.22 J	NA	NA	NA
Fluoranthene	100	1000	100	NA	31.8 J	31.2 J	122 J	163 J	98.1 J	106 J	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	47.1 JN	48.7 JN	178 JN	76.3 JN	115 JN	118 JN	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	22.2 JN	25.3 JN	72.6 JN	35.1 JN	45.5 JN	53 JN	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	12.2 JN	13.9 JN	35 JN	15.9 JN	26.6 JN	30.8 JN	NA	NA	NA
Fluorene	30	386	100	NA	34 J	30.7 J	107 J	69.5 J	19.2 J	9.52 J	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	20.3 JN	31.8 JN	72.1 JN	22.9 JN	30.4 JN	31.2 JN	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	25.6 JN	38.4 JN	60.1 JN	28.5 JN	41 JN	29.3 JN	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	14.3 JN	25.4 JN	29.1 JN	21.8 JN	18.3 JN	17.4 JN	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	28.9 J	31.1 J	90.3 J	51.1 J	312 J	278 J	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	5.71 J	4.55 J	15.8 J	6.02 J	2.06 J	1.73 J	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	7.37 J	4.77 J	32.2 J	23.9 J	16.3 J	9.04 J	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	166 J	195 J	404 J	17 J	69.6 J	34.9 J	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	128 J	11.9 J	475 J	3.43 J	47.7 J	13.2 J	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	5.7 J	5.77 J	22 J	4.98 J	12.5 J	12.6 J	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	6.92 J	7.88 J	23.6 J	9.49 J	15.3 J	17.3 J	NA	NA	NA
Naphthalene	12	12	100	NA	32.8 J	17.6 J	168 J	7.02 J	92.1 J	30.8 J	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	179 JN	124 JN	538 JN	12.3 JN	71 JN	28.8 JN	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	197 JN	272 JN	444 JN	169 JN	71.7 JN	46.8 JN	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	116 JN	207 JN	212 JN	125 JN	92.6 JN	64.5 JN	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	54.4 JN	108 JN	88.9 JN	64.7 JN	46.7 JN	33.7 JN	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	9.94 JN	10.5 JN	28.4 JN	17.7 JN	22.6 JN	20.7 JN	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	7.07 JN	7.76 JN	19.4 JN	10.6 JN	13.7 JN	12.6 JN	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	3.63 JN	4.05 JN	9.46 JN	5.16 JN	6.16 JN	6.65 JN	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	1.21 JN	1.42 JN	2.93 JN	1.76 JN	1.89 JN	2.52 JN	NA	NA	NA
Perylene	NE	NE	NE	NA	8.58 J	9.58 J	26.5 J	14.9 J	78.5 J	54.6 J	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Phenanthrene	100	1000	100	NA	**93.5 J**	**94.5 J**	**364 J**	**281 J**	**80 J**	**118 J**	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	**78.1 JN**	**97.5 JN**	**258 JN**	**102 JN**	**108 JN**	**129 JN**	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	**40.8 JN**	**61.6 JN**	**120 JN**	**61.4 JN**	**67.2 JN**	**72.7 JN**	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	**17.7 JN**	**28.1 JN**	**45.1 JN**	**31.9 JN**	**24.4 JN**	**27.2 JN**	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	**6.67 JN**	**10.5 JN**	**17.1 JN**	**17.1 JN**	**7.64 JN**	**8.97 JN**	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	**5.22 J**	**4.83 J**	**11.8 J**	**5.93 J**	**2.59 J**	**1.9 J**	NA	NA	NA
Pyrene	100	1000	100	NA	**46.1 J**	**45.4 J**	**182 J**	**121 J**	**152 J**	**149 J**	NA	NA	NA
Retene	NE	NE	NE	NA	**1.1 J**	**1.26 J**	**14.2 J**	**20.8 J**	0.05 U	0.0797 U	NA	NA	NA
Styrene	NE	NE	NE	NA	**1.96 J**	**1.84 J**	**6.73 J**	**5.02 J**	**13 J**	**18.4 J**	NA	NA	NA
Toluene	0.7	0.7	100	NA	**2.57 J**	**2.3 J**	**10.6 J**	**0.48 J**	**10.6 J**	**16.7 J**	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	**4.01 J**	**1.53 J**	**21 J**	**1.28 J**	**10 J**	**2.05 J**	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	**3.22 J**	**2.09 J**	**19.3 J**	**0.617 J**	**17.9 J**	**6.9 J**	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	**1.82 J**	**0.615 J**	**19.8 J**	**0.297 J**	**8 J**	**1.56 J**	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	**0.949 J**	**1.23 J**	**3.42 J**	**0.215 J**	**13.4 J**	**5.68 J**	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	**4.93 J**	**5.33 J**	**13.4 J**	**0.879 J**	**20.1 J**	**16.6 J**	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	**6.07 J**	**6.77 J**	**22.5 J**	**6.26 J**	**13.6 J**	**16.6 J**	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	**9.66**	**12.3**	**28.7**	**8.31**	**59.1**	**13.9**	NA	NA	NA
C-11	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	**11.7**	NA	NA	NA
C-12	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	**37.7 J**	NA	NA	NA
C-13	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-14	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-15	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-16	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-17	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-18	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-19	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-20	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-21	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-22	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-23	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-24	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-25	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-26	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-27	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-28	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-29	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-30	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-31	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-32	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-33	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
C-34	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-35	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-36	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-37	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-38	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-39	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-40	NE	NE	NE	NA	1.28 U	0.781 U	2.6 U	1.55 U	5 U	3.19 U	NA	NA	NA
C-8	NE	NE	NE	NA	**7.46**	**4.56**	**13.8**	**9.41**	**15**	**41.6**	NA	NA	NA
C-9	NE	NE	NE	NA	**4.09**	**2.52**	**4.64**	**2.07**	**15.2**	**14.3**	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	**77.7**	**192**	**79.8**	**139**	5 U	**28.8**	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	**84.2**	**264**	**104**	**150**	5 U	**40.2**	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	**93.6**	**266**	**109**	**157**	5 U	**39.1**	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	**91.9**	**253**	**95.1**	**193**	5 U	**37**	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	**87**	**256**	**97.3**	**165**	5 U	**34.5**	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.019 UJ	0.02 U
Aroclor 1248	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.019 UJ	0.02 U
Aroclor 1254	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.21 J**	**0.094 J**
Aroclor 1260	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.081 J**	**0.039 J**
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	NA	NA	NA	NA	NA	**0.291**	**0.133**
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA		
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	**0.017 J**
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Dieldrin	0.005	0.1	0.2	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	NA	NA	NA	NA	NA	0.041 U	0.13 U
Endrin	0.014	0.06	11	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
Endrin aldehyde	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.041 U	0.13 U
Endrin ketone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	**0.026 J**	0.13 UJ
Heptachlor	0.042	0.38	2.1	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.041 UJ	0.13 UJ
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.079 UJ	0.26 UJ
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.096 UJ	0.11 UJ
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	0.024 U	0.026 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	NA	NA	NA	NA	NA	0.024 U	0.026 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**4680**	**48300**	**3480**	**7230**	**3570**	**6110**	NA	**4330**	**7000**	**7190**
Antimony	NE	NE	NE	2.15 U	2.87 U	3.13 U	3.22 U	1.64 U	3.26 U	NA	1.34 UJ	4.6 UJ	4.8 UJ
Arsenic	13	16	16	**1.64 J**	**19**	**8.34**	**6.95**	**2.35**	**14**	NA	**115**	**19.7 J**	**17.2**
Barium	350	820	400	**227**	**597**	**53.4**	**50.8**	**61.8**	**16.9 J**	NA	**10.6 J**	**171 J**	**170 J**
Beryllium	7.2	47	72	**0.32 J**	**5.66**	**0.31 J**	**0.6 J**	**0.27 J**	**0.49 J**	NA	**0.38 J**	**0.2 J**	**0.26 J**
Cadmium	2.5	7.5	4.3	1.72 U	2.3 U	2.5 U	2.58 U	1.31 U	2.61 U	NA	**0.42 J**	**1.2 J**	**1.1 J**
Calcium	NE	NE	NE	**695 J**	**13000 J**	**4050**	**18200**	**158000**	**1730**	NA	**368 J**	**33100 J**	**31100 J**
Chromium	30	NE	180	**12**	**114 J**	**5.67 J**	**12.3 J**	**5.04 J**	**8.11 J**	NA	**7.82 J**	**22.3 J**	**24.1 J**
Cobalt	NE	NE	NE	**5.7 J**	**42.8**	**3.27 J**	**8.87 J**	**2.36 J**	**5.88 J**	NA	**5.89 J**	**5.8**	**5.2**
Copper	50	1720	270	**7.18 J**	**318 J**	**23.5 J**	**35.8**	**17.9**	**16.5 J**	NA	**54.4 J**	**93.9**	**136**
Iron	NE	NE	NE	**16300**	**258000 J**	**13500**	**15600**	**7970**	**13700**	NA	**11100 J**	**28100 J**	**20400 J**
Lead	63	450	400	**4.1 J**	**726 J**	**116**	**89.2**	**55.5**	**47.6 J**	NA	**71.6 J**	**331 J**	**316 J**
Magnesium	NE	NE	NE	**1930**	**10200 J**	**1340**	**1680**	**8670**	**1220**	NA	**994 J**	**7530**	**6570**
Manganese	1600	2000	2000	**115**	**1840**	**135**	**230**	**306**	**119**	NA	**30.4**	**294**	**353**
Mercury	0.18	0.73	0.81	0.03 U	**0.092**	**0.157**	0.034 U	0.015 U	**0.184**	NA	**0.306**	**0.85**	**0.83**
Nickel	30	130	310	**8.51 J**	**98.3**	**8.96 J**	**15.7 J**	**4.08 J**	**14 J**	NA	**14.1 J**	**20.6**	**20.6**
Potassium	NE	NE	NE	**1210 J**	**5450 J**	**524 J**	**817 J**	**311 J**	**560 J**	NA	3360 UJ	**1240 J**	**1130 J**
Selenium	3.9	4	180	2.15 U	**2.23 J**	**1.32 J**	3.22 U	1.64 U	3.26 U	NA	**2.52 J**	10.5 R	10.8 R
Silver	2	8.3	180	1.72 U	2.3 U	2.5 U	2.58 U	1.31 U	2.61 U	NA	0.54 U	**0.18 J**	**0.17 J**
Sodium	NE	NE	NE	**410 J**	**1290 J**	**204 J**	**1150 J**	**1260 J**	**998 J**	NA	3360 U	**1640**	**2000**
Thallium	NE	NE	NE	2.15 U	**0.88 J**	3.13 U	3.22 U	1.64 U	3.26 U	NA	0.67 U	4.2 UJ	4.3 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Tin	NE	NE	NE	42.9 U	**71.1**	62.6 U	64.4 U	**32.6 J**	65.2 U	NA	**3.9 J**	**19.9**	**11.9**
Vanadium	NE	NE	NE	**20.4**	**193**	**10.8 J**	**16.6**	**4.62 J**	**10.4 J**	NA	**10.4 J**	**24.5 J**	**24.3 J**
Zinc	109	2480	10000	**25.5**	**355 J**	**63.9**	**81.1**	**22.9**	**44.6**	NA	33.6 UJ	**471 J**	**479 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.236 U	0.265 U	0.264 U	0.262 U	0.33 U	0.289 U		0.278 U	0.227 U	0.237 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	**0.337**	**0.805**	**0.491**	**0.864**	**0.296 J**	**0.166 J**	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	**0.234**	**0.555**	**0.34**	**0.637**	**0.145 J**	**0.0715 J**	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	**0.14**	**0.267**	**0.208**	**0.259**	**0.174 J**	**0.16 J**	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	**0.0625**	**0.168**	**0.0598 J**	**0.169**	**0.0451 J**	0.0797 U	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	**0.0747**	**0.134**	**0.0715**	**0.104**	**0.0571 J**	**0.0642 J**	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	**0.0892**	**0.207**	**0.13**	**0.176**	**0.0716 J**	0.0797 U	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	**0.0596**	**0.14**	**0.0727**	**0.16**	**0.0531 J**	0.0797 U	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	**0.0672**	**0.153**	**0.0931**	**0.139**	**0.0944 J**	0.0797 U	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	**0.0673**	**0.157**	**0.102**	**0.144**	**0.0884 J**	**0.0789 J**	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	**0.077**	**0.14**	**0.11**	**0.114**	**0.0619 J**	**0.0776 J**	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	**0.0619**	**0.132**	**0.106**	**0.102**	**0.0511 J**	**0.0645 J**	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	**0.114**	**0.226**	**0.106**	**0.143**	**0.105 J**	**0.0592 J**	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	**0.158**	**0.283**	**0.178**	**0.225**	**0.131 J**	**0.13 J**	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	**0.0678**	**0.144**	**0.0733**	**0.102**	**0.0668 J**	**0.0495 J**	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	**0.0682**	**0.126**	**0.0536 J**	**0.0523**	**0.0452 J**	0.0797 U	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	**0.0634**	**0.144**	**0.103**	**0.122**	**0.0575 J**	0.0797 U	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	**0.0297**	**0.0621**	**0.0554 J**	**0.0506**	**0.0349 J**	0.0797 U	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	**0.385**	**0.604**	**0.331**	**0.362**	**0.24 J**	**0.24 J**	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	**0.0768**	**0.16**	**0.0565 J**	**0.0782**	**0.0414 J**	0.0797 U	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	**0.0238**	**0.0658**	**0.0419 J**	**0.0538**	0.05 U	0.0797 U	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	**0.0619**	**0.117**	**0.0777**	**0.0496**	**0.06 J**	**0.0521 J**	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	**0.0388**	**0.0907**	0.0651 U	**0.0373**	**0.0324 J**	0.0797 U	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	**0.562**	**0.981**	**0.489**	**0.512**	**0.371 J**	**0.306 J**	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	**0.0433**	**0.069**	0.0651 U	**0.099**	**0.0678 J**	**0.0695 J**	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	**0.179**	**0.254**	**0.164**	**0.187**	**0.124 J**	**0.184 J**	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	**0.15**	**0.196**	**0.164**	**0.147**	**0.113 J**	**0.0994 J**	NA	NA	NA
Gammacerane	NE	NE	NE	NA	**0.0192**	0.0391 U	0.0651 U	0.0155 U	0.05 U	0.0797 U	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	**0.115**	**0.193**	**0.0996**	**0.102**	**0.127 J**	**0.149 J**	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	**0.0911**	**0.142**	**0.101**	**0.0779**	**0.0601 J**	**0.0584 J**	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	**0.0715**	**0.104**	**0.0721**	**0.0628**	**0.0745 J**	0.0797 U	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	**0.0632**	**0.0751**	**0.0976**	**0.0483**	**0.0573 J**	**0.0761 J**	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	**0.0483**	**0.071**	0.0651 U	**0.0385**	**0.0584 J**	0.0797 U	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	**0.051**	**0.0678 J**	0.0651 U	**0.0509**	0.05 U	0.0797 U	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 4								Adjacent to Parcel 4 - N.11th St	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-252 (25-30) 8/3/2022	WW-TP-200C (10) 8/23/2022	WW-TP-201B (10.5) 8/26/2022	WW-TP-202A (10) 8/25/2022	WW-TP-202B (12) 8/24/2022	WW-TP-202C (10) 8/25/2022	WW-TP-203B (14) 8/30/2022	WW-TP-203B (14) 8/30/2022	WW-MW-14 (3-5) 9/1/2009	Duplicate of WW-MW-14 (3-5) 9/1/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	**0.0493**	**0.0693**	0.0651 U	**0.0279**	0.05 U	0.0797 U	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	**0.043**	**0.0315 J**	0.0651 U	**0.0326**	0.05 U	0.0797 U	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	**0.272**	**0.608**	**0.473**	**0.58**	**0.329 J**	**0.125 J**	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	**0.127**	**0.326**	**0.171**	**0.265**	**0.0919 J**	**0.0434 J**	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	**0.139**	**0.308**	**0.153**	**0.177**	**0.201 J**	**0.234 J**	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	**0.471**	**0.845**	**0.49**	**0.682**	**0.252 J**	**0.0989 J**	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	**0.307**	**0.57**	**0.317**	**0.422**	**0.165 J**	**0.294 J**	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	**0.271**	**0.49**	**0.261**	**0.399**	**0.243 J**	**0.097 J**	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	**0.593**	**1.15**	**0.532**	**0.661**	**0.436 J**	**0.318 J**	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	**0.0925**	**0.0865 J**	0.0651 U	**0.12**	**0.209 J**	**0.351 J**	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	**0.063**	**0.102**	0.0651 U	**0.0507**	**0.0625 J**	0.0797 U	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	**0.322**	**0.59**	**0.348**	**0.344**	**0.435 J**	**0.553 J**	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	**0.258**	**0.481**	**0.206**	**0.215**	**0.154 J**	**0.127 J**	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	**0.29**	**0.512**	**0.209**	**0.377**	**0.181 J**	**0.0809 J**	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	**0.302**	**0.628**	**0.201**	**0.166**	**0.188 J**	**0.144 J**	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	**0.253**	**0.504**	**0.241**	**0.405**	**0.163 J**	**0.0844 J**	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	**0.288**	**0.63**	**0.326**	**0.579**	**0.174 J**	**0.0587 J**	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	**0.253**	**0.323 J**	**0.23**	**0.333**	**0.15 J**	**0.0553 J**	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	**0.263**	**0.478**	**0.219**	**0.253**	**0.16 J**	**0.0926 J**	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	**3180**	**10200**	**4180**	**6550**	**1850**	**2320**	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	**999 J**	**3070 J**	**1420 J**	**3560 J**	**487 J**	**839 J**	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	**2360**	**6680**	**5410**	**5570**	**2410**	**4210**	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	**2570**	**7100**	**6560**	**6450**	**2690**	**4940**	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	**10000 J**	**18300 J**	**27000 J**	**24300 J**	**8350 J**	**17200 J**	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	**19400**	**29400**	**24500**	**23700**	**16300**	**13300**	NA	NA	NA
C9-C40	NE	NE	NE	NA	**22000**	**31500**	**28900**	**26500**	**25600**	**24900**	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location						Adjacent to Parcel 4 - N.11th St			Adjacent to Parcel 4 - N.11th St			
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	**0.87 J**	0.0059 U	0.0036 U	**7.01**	**0.0141**	0.0017 U	0.0023 U	**0.706**	**0.0026**
Toluene	0.7	0.7	100	5.7 U	0.0059 U	0.0036 U	**17 J**	0.0025 U	0.0017 U	0.0023 U	**0.179 J**	**0.0071**
Ethylbenzene	1	1	41	**34**	0.0059 U	0.0036 U	**170**	**0.06**	0.0017 U	0.0023 U	**3.11**	**0.0082**
o-Xylene	0.26	1.6	100	NA	NA	0.0036 U	**89.4**	**0.0065**	0.0017 U	0.0023 U	**0.337**	**0.0123**
m/p-Xylene	0.26	1.6	100	NA	NA	0.0073 U	**116**	**0.0077**	0.0035 U	0.0047 U	**0.505 J**	**0.0261**
Total Xylene	0.26	1.6	100	5.7 U	0.0059 U	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**34.87**	ND	ND	**399.41**	**0.0883**	ND	ND	**4.837**	**0.0563**
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	14 U	0.024 UJ	0.0363 UJ	19.9 U	0.025 UJ	0.0175 UJ	0.0234 UJ	6.79 U	0.0254 UJ
n-Butylbenzene	12	12	100	NA	NA	0.0036 U	**23.4**	**0.0019 J**	0.0017 U	0.0023 U	**0.804**	**0.0008 J**
sec-Butylbenzene	11	11	100	NA	NA	0.0036 U	**4.78**	0.0025 U	0.0017 U	0.0023 U	**0.223 J**	0.0025 U
tert-Butylbenzene	5.9	5.9	100	NA	NA	0.0036 U	**0.461 J**	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
Carbon disulfide	NE	NE	NE	5.7 U	0.0059 U	0.0036 U	**1.81**	0.0025 U	**0.001 J**	**0.0021 J**	**0.0706 J**	**0.0008 J**
Chlorobenzene	1.1	1.1	100	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
Chloroform (Trichloromethane)	0.37	0.37	49	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	**0.0009 J**
Cyclohexane	NE	NE	NE	NA	NA	0.0036 U	**11.4**	**0.0009 J**	0.0017 U	0.0023 U	**0.939**	0.0025 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	0.0036 U	**24.9**	**0.0013 J**	0.0017 U	0.0023 U	**0.76**	**0.0071**
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	0.0036 UJ	4.77 U	0.0025 U	0.0017 UJ	0.0023 UJ	1.63 UJ	0.0025 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,1-Dichloroethane	0.27	0.27	26	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,1-Dichloroethene	0.33	0.33	100	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
cis-1,2-Dichloroethene	0.25	0.25	100	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
trans-1,2-Dichloroethene	0.19	0.19	100	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,2-Dichloropropane	NE	NE	NE	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
Isopropylbenzene	NE	NE	NE	NA	NA	0.0036 U	**34.1**	**0.0036**	0.0017 U	0.0023 U	**0.641**	**0.0025 J**
Methyl acetate	NE	NE	NE	NA	NA	0.0036 U	**5.63 J**	0.0025 U	0.0017 U	0.0023 U	**1 J**	0.0025 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	5.7 U	0.012 U	0.0363 U	19.9 UJ	0.025 U	0.0175 U	0.0234 U	6.79 U	0.0254 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	**7 J**	0.0059 U	0.0363 U	7.95 U	0.025 U	0.0175 U	0.0234 U	2.71 U	0.0254 U
Methylcyclohexane	NE	NE	NE	NA	NA	0.0036 U	**56.3**	**0.0018 J**	0.0017 U	0.0023 U	**1.93**	**0.0026**
Methylene chloride	0.05	0.05	100	5.7 U	0.024 U	0.0182 U	3.97 U	0.0125 U	0.0087 U	0.0117 U	1.36 U	0.0127 U
Naphthalene	12	12	100	NA	NA	0.0036 U	**2220**	**0.605**	**0.0019**	**0.0056**	**211**	**3.24**
n-Propylbenzene	3.9	3.9	100	NA	NA	0.0036 U	**16.2**	**0.0015 J**	0.0017 U	0.0023 U	**0.478**	**0.0006 J**
Styrene	NE	NE	NE	5.7 U	0.0059 U	0.0036 U	0.795 U	**0.0014 J**	0.0017 U	0.0023 U	0.271 U	**0.0012 J**
1,1,2,2-Tetrachloroethane	NE	NE	NE	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
Tetrachloroethene (PCE)	1.3	1.3	19	**0.95 J**	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
Tetrahydrofuran	NE	NE	NE	NA	NA	0.0036 U	NA	0.0025 U	0.0017 U	0.0023 U	NA	0.0025 U
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,1,2-Trichloroethane	NE	NE	NE	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location						Adjacent to Parcel 4 - N.11th St			Adjacent to Parcel 4 - N.11th St			
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
Trichloroethene (TCE)	0.47	0.47	21	5.7 U	0.0059 U	0.0036 U	0.795 U	0.0025 U	0.0017 U	0.0023 U	0.271 U	0.0025 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	0.0036 U	**207**	**0.0172**	**0.0009 J**	0.0023 U	**2.9**	**0.0272**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	0.0036 U	**53.5**	**0.0021 J**	0.0017 U	0.0023 U	**1.2**	**0.0124**
Vinyl chloride	0.02	0.02	0.9	5.7 U	0.0059 U	0.0073 U	0.795 U	0.005 U	0.0035 U	0.0047 U	0.271 U	0.0051 U
Total VOCs	NE	NE	NE	**42.82**	ND	ND	**3058.891**	**0.725**	**0.0038**	**0.0077**	**226.7826**	**3.3524**
PAHs (mg/kg)												
Acenaphthene	20	98	100	**180**	**1.6 J**	**0.235 J**	**111**	**0.124 J**	**0.185 J**	**0.122 J**	**2.58**	**0.15 J**
Acenaphthylene	100	107	100	**36**	**0.23 J**	**1.75**	**7.28**	**0.0222 J**	**0.148 J**	**0.0987 J**	**2.63**	**0.325**
Anthracene	100	1000	100	**110**	**0.97 J**	**1.08**	**58.9**	**0.0658 J**	**0.428 J**	**0.26 J**	**9.38**	**0.425**
Benzo(a)anthracene	1	1	1	**76**	**0.61**	**4.09**	**30.9**	0.272 U	**1.19**	**0.605**	**8**	**0.313**
Benzo(b)fluoranthene	1	1.7	1	**43**	**0.4**	**5.46**	**14.2**	0.272 U	**1.47**	**0.686**	**7.43**	**0.224 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	**18 J**	**0.19 J**	**1.89**	**5.08**	0.272 U	**0.517 J**	**0.277 J**	**2.87**	**0.0972 J**
Benzo(g,h,i)perylene	100	1000	100	**16 J**	**0.098 J**	**2.93**	**5.05**	0.272 U	**0.663**	**0.32 J**	**3.28**	**0.0848 J**
Benzo(a)pyrene	1	22	1	**59**	**0.42**	**5.39**	**22.1**	0.272 U	**1.33**	**0.649**	**7.82**	**0.244 J**
Chrysene	1	1	3.9	**70**	**0.65 J**	**4.04**	**29.6**	0.272 U	**1.21**	**0.595**	**6.96**	**0.263 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	**2.5 J**	0.32 U	**0.713**	**1.81**	0.272 U	**0.17 J**	**0.0909 J**	**0.881**	**0.0368 J**
Fluoranthene	100	1000	100	**140**	**1.1 J**	**6.78**	**54.8**	**0.0568 J**	**2.32**	**1.27**	**20.5**	**0.657**
Fluorene	30	386	100	**130**	**1.1 J**	**0.291 J**	**56.9**	**0.0636 J**	**0.249 J**	**0.156 J**	**6.67**	**0.424**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**17 J**	**0.1 J**	**3.29**	**5.61**	0.272 U	**0.787**	**0.359 J**	**4.17**	**0.117 J**
2-Methylnaphthalene	NE	NE	NE	**360**	**1.9 J**	**0.45 J**	**203**	**0.153 J**	**0.118 J**	**0.165 J**	**18.1**	**0.625**
Naphthalene	12	12	100	**490**	**1.6 J**	**0.96**	**339**	**0.57**	**0.191 J**	**0.142 J**	**101**	**1.66**
Phenanthrene	100	1000	100	**380**	**2.7 J**	**2.66**	**176**	**0.242 J**	**1.32**	**0.856**	**32.2**	**1.14**
Pyrene	100	1000	100	**180**	**1.5 J**	**6.75**	**68.6**	**0.0634 J**	**2.07**	**1.13**	**15.6**	**0.517**
Total PAHs	NE	NE	NE	**2307.5**	**15.168**	**48.759**	**1189.83**	**1.3608**	**14.366**	**7.7816**	**250.071**	**7.3029**
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	NA	NA	**0.137 J**	0.586 U	0.272 U	0.521 U	0.548 U	**0.262 J**	0.301 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	**0.0617**	**14.9**	**0.0329**	0.0521 U	0.0548 U	**2.36**	**0.0954**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	30 U	0.32 U	**0.681 J**	0.586 U	0.272 U	**0.728 J**	0.548 U	0.457 U	0.301 U
Butyl benzyl phthalate	NE	NE	NE	30 U	0.32 U	**0.165 J**	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Caprolactam	NE	NE	NE	NA	NA	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Carbazole	NE	NE	NE	**6.2 J**	**0.052 J**	**0.207 J**	**1.51**	0.272 U	**0.123 J**	**0.0778 J**	**2.51**	**0.148 J**
2-Chloronaphthalene	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Dibenzofuran	7	210	59	**34**	**0.18 J**	**0.0994 J**	**6.1**	**0.0237 J**	**0.108 J**	**0.0765 J**	**6.97**	**0.329**
Diethyl phthalate	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Dimethyl phthalate	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
2,4-Dimethylphenol	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 R	0.548 R	0.457 U	0.301 U
Di-n-butyl phthalate	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
2,6-Dinitrotoluene	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Di-n-octyl phthalate	NE	NE	NE	30 U	0.32 U	1.14 U	1.17 U	0.543 U	1.04 U	1.1 U	0.914 U	0.603 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	**0.45 J**	**203**	**0.153 J**	**0.118 J**	**0.165 J**	**18.1**	**0.625**
2-Methylphenol (o-Cresol)	0.33	0.33	100	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 R	0.548 R	**0.0683 J**	0.301 U

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3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	0.572 U	**0.63**	0.272 U	0.521 R	0.548 R	**0.17 J**	0.301 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	30 U	0.32 U	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 U	0.548 U	0.457 U	0.301 U
Phenol	0.33	0.33	100	30 U	0.32 U	0.572 U	0.586 U	0.272 U	0.521 R	0.548 R	0.457 U	0.301 U
Total SVOCs	NE	NE	NE	**2347.7**	**15.4**	**50.1101**	**1212.97**	**1.4174**	**15.325**	**7.9359**	**262.4113**	**7.8752**
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	**0.208 J**	**0.123 J**	**4.33**	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	**0.348 J**	**0.117 J**	**7.21**	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	**0.577 J**	**0.277 J**	**23.1**	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	**0.0619 J**	**0.0417 J**	**0.787 J**	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	0.0757 U	0.0726 U	0.352 U	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.0642 JN**	**0.0595 JN**	**1.03 JN**	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.102 JN**	**0.177 JN**	**2.87 JN**	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.145 JN**	**0.254 JN**	**3.79 JN**	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.133 JN**	**0.238 JN**	**1.8 JN**	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	**1.58 J**	**0.623 J**	**27.9**	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	**1.52 J**	**0.567 J**	**20.3**	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	**0.517 J**	**0.277 J**	**2.87**	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	**1.31 J**	**0.481 J**	**16.3**	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	**0.131 J**	**0.0631 J**	**3.46**	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	**0.0561 J**	**0.0245 J**	**1.13**	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	**0.261 J**	**0.138 J**	**2.41**	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	**1.01 J**	**0.411 J**	**12.6**	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	**1.62 J**	**0.634 J**	**24.9**	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	**1.08 J**	**0.443 J**	**13.6**	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0102**	**0.00958**	**1.24**	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.0204 JN**	**0.0274 JN**	**1.52 JN**	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.0341 JN**	**0.0513 JN**	**0.775 JN**	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.0322 JN**	**0.0542 JN**	**0.28 JN**	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.0332 JN**	**0.0443 JN**	**0.0847 JN**	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0342**	**0.039**	**4.54**	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	**0.0117**	**0.0138**	**0.0881**	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	**0.00664**	**0.0109**	**0.0289**	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	0.00411 U	0.00451 U	0.0176 U	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	**1.21**	**0.595**	**6.96**	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.717 JN**	**0.411 JN**	**8.06 JN**	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.461 JN**	**0.44 JN**	**3.42 JN**	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.368 JN**	**0.412 JN**	**1.93 JN**	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.224 JN**	**0.273 JN**	**0.92 JN**	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	**1.61 J**	**0.623 J**	**22.4**	NA

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Location						Adjacent to Parcel 4 - N.11th St			Adjacent to Parcel 4 - N.11th St			
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	**0.287 J**	**0.118 J**	**3.36**	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0171**	**0.0215**	**0.406**	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	**0.00434**	**0.00753**	**0.0702**	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	**0.0208**	**0.0259**	**0.26**	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	**0.0722 JN**	**0.104 JN**	**0.73 JN**	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	**0.096 JN**	**0.143 JN**	**1.27 JN**	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	**0.0772 JN**	**0.122 JN**	**1.21 JN**	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	**0.148 JN**	**0.211 JN**	**1.83 JN**	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	**0.307 J**	**0.161 J**	**3.96**	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	**0.151 J**	**0.0762 J**	**13.1**	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	**0.148 J**	**0.0792 J**	**4.36**	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.186 JN**	**0.201 JN**	**1.7 JN**	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.307 JN**	**0.431 JN**	**1.08 JN**	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.312 JN**	**0.524 JN**	**0.5 JN**	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.265 JN**	**0.47 JN**	**0.25 JN**	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	**0.0237**	**0.0181**	**1.22**	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	**3.27 J**	**1.09 J**	**60**	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	**1.17 JN**	**0.584 JN**	**18.6 JN**	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.9 JN**	**0.46 JN**	**6.18 JN**	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.439 JN**	**0.38 JN**	**2.57 JN**	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	**0.278 J**	**0.15 J**	**12.8**	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.154 JN**	**0.131 JN**	**3.23 JN**	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.241 JN**	**0.251 JN**	**2.07 JN**	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.344 JN**	**0.252 JN**	**1.84 JN**	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	**1.38 J**	**0.531 J**	**18.3**	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	**0.00723**	**0.00717**	**0.242**	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	**0.0151**	**0.012**	**0.346**	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	**0.133**	**0.163**	**16.2**	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	**0.177**	**0.236**	**30.3**	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	**0.101**	**0.0625**	**1.32**	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	**0.176 J**	**0.085 J**	**2.37**	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	**0.213**	**0.171**	**112**	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.193 JN**	**0.247 JN**	**28.7 JN**	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.437 JN**	**0.551 JN**	**11.7 JN**	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.467 JN**	**0.579 JN**	**5.74 JN**	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.315 JN**	**0.391 JN**	**2.84 JN**	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.369 JN**	**0.443 JN**	**1.73 JN**	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.515 JN**	**0.803 JN**	**0.733 JN**	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.512 JN**	**0.884 JN**	**0.469 JN**	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.346 JN**	**0.529 JN**	**0.119 JN**	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	**0.387 J**	**0.164 J**	**6.7**	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	**2.16 J**	**0.75 J**	**78.4**	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**1.01 JN**	**0.615 JN**	**19.8 JN**	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	0.00411 UJ	**0.611 JN**	**8.13 JN**	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.363 JN**	**0.42 JN**	**3.04 JN**	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	**0.157 JN**	**0.229 JN**	**1.18 JN**	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	**0.0192**	**0.0172**	**0.0953**	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	**2.74 J**	**1.05 J**	**49.8**	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	**0.055**	**0.0676**	**0.66**	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	**0.0415**	**0.0336 J**	**4.26**	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	0.0848 U	0.0835 U	0.403 U	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	**0.021 J**	**0.0389 J**	**0.679**	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	**0.0467 J**	**0.0916 J**	**1.23**	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	**0.0138**	**0.0252**	**0.488**	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	**0.0137**	**0.0181**	**0.139**	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	**0.0601**	**0.0504**	**0.403**	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	**0.134**	**0.082**	**1.56**	NA
MAEPH (mg/kg)												
C-10	NE	NE	NE	NA	NA	NA	NA	NA	**0.212 J**	**0.294 J**	**2.29**	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	**0.272 J**	**0.419 J**	**5.73**	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	**0.71**	**0.995**	**13.1**	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	**0.503**	**0.882**	**13.6**	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	**0.81**	**1.33**	**23.7**	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	**0.918**	**1.44**	**21.7**	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	**0.992**	**1.46**	**24.8**	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	**0.999**	**1.52**	**23.2**	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	**0.826**	**1.27**	**19.4**	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	**0.893**	**1.36**	**18.8**	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	**0.91**	**1.21**	**17.2**	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	**0.801**	**0.911**	**12.7**	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	**0.515**	**0.708**	**7.86**	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	**0.892**	**0.852**	**10**	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	**0.807**	**1.23**	**6.17**	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	**1.54**	**2.09**	**5.26**	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	**0.907**	**1.59**	**1.75 J**	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	**1.6**	**1.98**	**2.39**	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	**0.992**	**1.5**	**1.53 J**	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	**0.811**	**1.35**	**0.981 J**	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	**0.955**	**1.37**	**0.971 J**	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	**1.07**	**1.54**	**1.04 J**	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	**0.902**	**1.44**	1.76 U	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	**0.944**	**1.31**	1.76 U	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	**1.05**	**1.38**	1.76 U	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	**0.992**	**1.38**	1.76 U	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	**0.643**	**1.12**	1.76 U	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	**0.844**	**1.13**	1.76 U	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	**0.476**	**0.685**	1.76 U	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	**0.265 J**	**0.412 J**	1.76 U	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	0.411 U	**0.549**	1.76 U	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	0.411 U	0.451 U	1.76 U	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	0.411 U	0.451 U	**1.22 J**	NA
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	**0.804**	**0.832**	**9.05**	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	**0.828**	**0.979**	**12.5**	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	**0.303 J**	**0.48**	**5.01**	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	**0.599**	**0.806**	**11.3**	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	**0.556**	**0.78**	**12**	NA
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	NA	NA	0.06 U	NA	NA	0.05 U	0.05 U	NA	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.06 U	NA	NA	**0.09**	**0.07**	NA	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.06 U	NA	NA	0.05 U	0.05 U	NA	NA
Aroclor 1260	NE	NE	NE	NA	NA	**0.2**	NA	NA	**0.02 J**	0.05 U	NA	NA
Aroclor 1268	NE	NE	NE	NA	NA	0.06 U	NA	NA	0.05 U	0.05 U	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	**0.2**	NA	NA	**0.11**	**0.07**	NA	NA
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0017 U	NA	NA	0.0017 U	0.0017 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	**0.301**	NA	NA	**0.039 J**	0.0344 U	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	**0.0429 J**	NA	NA	**0.0067**	**0.0034**	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	**0.0456**	NA	NA	**0.0049 J**	**0.0032 J**	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	**0.0241 J**	NA	NA	0.0028 U	0.0029 U	NA	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	**0.0053 J**	NA	NA	**0.0151**	**0.0083**	NA	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA

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Dieldrin	0.005	0.1	0.2	NA	NA	**0.0144 J**	NA	NA	**0.0022 J**	0.0029 U	NA	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0029 UJ	NA	NA	0.0028 UJ	0.0029 UJ	NA	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Endrin	0.014	0.06	11	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Heptachlor	0.042	0.38	2.1	NA	NA	**0.0021 J**	NA	NA	0.0028 U	0.0029 U	NA	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	0.0029 U	NA	NA	0.0028 U	0.0029 U	NA	NA
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.212 U	NA	NA	0.201 U	0.202 U	NA	NA
Dicamba	NE	NE	NE	NA	NA	0.011 U	NA	NA	**0.01 J**	0.01 U	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	0.212 U	NA	NA	0.201 U	0.202 U	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	**2.99 J**	NA	NA	20.1 U	**6.02 J**	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	21 U	NA	NA	19.9 U	20 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.011 U	NA	NA	0.01 U	0.01 U	NA	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.011 U	NA	NA	0.01 U	0.01 U	NA	NA
Metals (mg/kg)												
Aluminum	NE	NE	NE	**3210**	**5340**	**6380**	**9920**	**5050**	**7140**	**6310**	**3360 J**	**4670 J**
Antimony	NE	NE	NE	4.7 UJ	4.8 UJ	2.23 UJ	4.5 U	2.06 U	2.45 UJ	2.55 UJ	2.9 UJ	2.3 UJ
Arsenic	13	16	16	**7 J**	**2.8 J**	**10.7**	**260 J**	**1.09 J**	**3.77**	**7.63**	**9.03 J**	2.3 UJ
Barium	350	820	400	**36.8 J**	**43.7 J**	**170 J**	**769**	**44.4**	**88.7 J**	**85.7 J**	**14.7 J**	**25.4 J**
Beryllium	7.2	47	72	**0.49 J**	**0.28 J**	**0.47 J**	1.98 U	**0.36 J**	**0.41 J**	**0.41 J**	**0.31 J**	**0.38 J**
Cadmium	2.5	7.5	4.3	**0.31 J**	1.4 U	**0.83 J**	**0.99 J**	**1.78**	1.96 U	2.04 U	2.32 UJ	1.84 UJ
Calcium	NE	NE	NE	**5040 J**	**10800 J**	**37900 J**	**3890**	**5760**	**70500 J**	**59200 J**	**169000 J**	**2780 J**
Chromium	30	NE	180	**10.6 J**	**13 J**	**18.6**	**162**	**11.3**	**14.5**	**12.9**	**6.91 J**	**10 J**
Cobalt	NE	NE	NE	**5.9**	**6.2**	**5.06 J**	**4.92 J**	**7.66 J**	**2.51 J**	**2.14 J**	**0.83 J**	**5.08 J**
Copper	50	1720	270	**11.3**	**13.7**	**314**	**370**	**16 J**	**36.4**	**39.5**	**19.9 J**	**8.48 J**
Iron	NE	NE	NE	**24400 J**	**17700 J**	**14700**	90.1 UJ	**26100 J**	**8040**	**8100**	**2480 J**	**12700 J**
Lead	63	450	400	**5.7 J**	4.3 U	**354**	**1760**	**8.57 J**	**114**	**123**	**42.4 J**	46 UJ
Magnesium	NE	NE	NE	**3730**	**5720**	**10600 J**	**4260**	**4610**	**8580 J**	**8380 J**	**23700 J**	**3920 J**
Manganese	1600	2000	2000	**875**	**421**	**273**	**242**	**1470**	**210**	**157**	**112 J**	**191 J**
Mercury	0.18	0.73	0.81	**0.0075 J**	**0.017 J**	**0.525**	**19.1 J**	0.026 UJ	**0.19**	**0.141**	**0.682 J**	0.033 UJ
Nickel	30	130	310	**10.3**	**10.1**	**18.4 J**	**28 J**	**12.4 J**	**10.5 J**	**11.1 J**	**2.95 J**	**13.8 J**
Potassium	NE	NE	NE	**774 J**	**1170 J**	**940 J**	4500 U	2060 U	**637 J**	**652 J**	**363 J**	**1010 J**
Selenium	3.9	4	180	10.7 R	10.9 R	2.23 UJ	4.5 U	2.06 U	2.45 UJ	2.55 UJ	2.9 UJ	2.3 UJ
Silver	2	8.3	180	1.4 UJ	1.4 U	1.79 U	**4.62 J**	1.65 U	1.96 U	2.04 U	2.32 U	1.84 U
Sodium	NE	NE	NE	**800**	**1480**	**290 J**	4500 U	2060 U	**409 J**	2550 U	**2220 J**	**240 J**
Thallium	NE	NE	NE	4.3 UJ	4.3 UJ	2.23 U	4.5 U	2.06 U	2.45 U	2.55 U	2.9 UJ	2.3 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location						Adjacent to Parcel 4 - N.11th St			Adjacent to Parcel 4 - N.11th St			
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
Tin	NE	NE	NE	3.6 U	3.6 U	**22.4 J**	90.1 U	41.2 U	**13.8 J**	**12.8 J**	**41.1 J**	46 UJ
Vanadium	NE	NE	NE	**19.6 J**	**22.2 J**	**25.3**	**24.4**	**22.9**	**13.1**	**15.4**	11.6 UJ	**14.6 J**
Zinc	109	2480	10000	**32 J**	**32.6 J**	**432 J**	**402 J**	**33.1 J**	**105 J**	**105 J**	**28.7 J**	**24.8 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	0.228 U	0.234 U	0.232 U	0.474 U	0.225 U	0.217 U	0.221 U	0.364 U	0.246 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0649 J**	**0.11 J**	0.0176 U	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0325**	**0.0491**	0.0176 U	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0221**	**0.0342**	0.0176 U	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0171**	**0.0258**	0.0176 U	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0271**	**0.0331**	0.0176 U	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0142**	**0.0235**	0.0176 U	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0138**	**0.0204**	0.0176 U	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0204**	**0.0308**	0.0176 U	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0215**	**0.032**	0.0176 U	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0249**	**0.0415**	0.0176 U	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0246**	**0.0397**	0.0176 U	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0558**	**0.0625**	0.0176 U	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	**0.104**	**0.154**	**0.00994 J**	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0324**	**0.0494**	0.0176 U	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0451 J**	**0.0803 J**	0.0176 U	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	**0.036**	**0.059**	**0.0131 J**	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0171**	**0.0254**	0.0176 U	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	**0.331**	**0.476**	**0.0141 J**	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0581**	**0.0668**	**0.0136 J**	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0141**	**0.0121**	0.0176 U	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0379**	**0.0531**	0.0176 U	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0231**	**0.0251**	0.0176 U	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	**0.414**	**0.594**	**0.0257**	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0162**	**0.0289**	0.0176 U	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	**0.231**	**0.369**	0.0176 U	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	**0.196**	**0.313**	0.0176 U	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	0.00411 U	0.00451 U	0.0176 U	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	**0.144**	**0.226**	0.0176 U	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	**0.122**	**0.176**	0.0176 U	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	**0.106**	**0.176**	0.0176 U	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0721**	**0.116**	0.0176 U	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0763**	**0.126**	0.0176 U	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0553**	**0.0885**	**0.0184**	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location						Adjacent to Parcel 4 - N.11th St			Adjacent to Parcel 4 - N.11th St			
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-14 (36-37) 9/2/2009	WW-MW-14 (55-57) 9/2/2009	WW-SB-216 (0-5) 8/8/2022	WW-SB-216 (20-25) 8/16/2022	WW-SB-216 (38-40) 8/16/2022	WW-SB-253 (0-5) 8/8/2022	Duplicate of WW-SB-253 (0-5) 8/8/2022	WW-SB-253 (10-15) 8/9/2022	WW-SB-253 (25-30) 8/9/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	**0.102 J**	**0.174 J**	0.0176 U	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0564 J**	**0.095 J**	0.0176 U	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	**0.061**	**0.0651**	0.0176 U	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0335**	**0.0351**	0.0176 U	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0392**	**0.0425**	0.0176 U	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	**0.119**	**0.145**	0.0176 U	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	**0.101**	**0.156**	0.0176 U	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0989**	**0.155**	0.0176 U	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	**0.158**	**0.205**	**0.036**	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0122**	**0.0188**	0.0176 U	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0265**	**0.0365**	0.0176 U	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0739**	**0.0976**	0.0176 U	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	**0.111**	**0.166**	0.0176 U	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	**0.148**	**0.195**	0.0176 U	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0715**	**0.109**	0.0176 U	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	**0.108**	**0.167**	0.0176 U	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	**0.164**	**0.221**	0.0176 U	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	**0.12**	**0.188**	0.0176 U	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	**0.0991**	**0.151**	0.0176 U	NA
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	80.9 U	78.3 U	**350**	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	**160**	**307**	**357**	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	80.9 U	**117**	**438**	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	80.9 U	**117**	**712**	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	**318 J**	**796 J**	**2580**	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	**396**	**457**	**2900**	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	**982**	**1390**	**4200**	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	0.0059 U	0.006 U	**0.014 J**	**0.017 J**	**0.061 J**	**0.046 J**	**0.22 J**	**0.0058**	**1.8**
Toluene	0.7	0.7	100	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 UJ	0.031 U	0.0038 U	**1.14**
Ethylbenzene	1	1	41	0.0059 U	0.006 U	**0.0087 J**	0.0061 U	0.037 U	**0.018 J**	**0.11 J**	0.0038 U	**2.57**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**0.919**
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	0.0075 U	**1.35**
Total Xylene	0.26	1.6	100	0.0059 U	0.006 U	**0.0085 J**	0.0061 UJ	0.037 UJ	0.0055 UJ	0.031 UJ	NA	NA
Total BTEX	NE	NE	NE	ND	ND	**0.0312**	**0.017**	**0.061**	**0.064**	**0.33**	**0.0058**	**7.779**
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	0.024 UJ	0.024 UJ	0.12 U	0.024 U	0.15 U	**0.065 J**	0.13 UJ	0.0377 UJ	4.52 U
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**5.02**
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**1.78**
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**0.344**
Carbon disulfide	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	**0.012 J**	**0.025 J**	0.0038 U	0.181 U
Chlorobenzene	1.1	1.1	100	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0022 J**	**0.448**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**3.57**
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 UJ	1.08 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	0.181 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	0.0038 U	0.181 U
1,1-Dichloroethane	0.27	0.27	26	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
1,1-Dichloroethene	0.33	0.33	100	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
1,2-Dichloropropane	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**1.9**
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 U	1.81 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.012 U	0.012 U	0.061 U	0.012 U	0.074 U	**0.011 J**	0.063 U	0.0377 U	4.52 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	0.181 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 U	0.031 U	0.0377 U	1.81 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0043**	**5.4**
Methylene chloride	0.05	0.05	100	0.024 U	0.024 U	0.12 U	0.024 U	0.15 U	0.022 UJ	0.13 U	0.0189 U	0.904 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**42.3**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	0.0038 U	**3.01**
Styrene	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 U	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.0038 U	0.181 U
1,1,2-Trichloroethane	NE	NE	NE	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	**0.074 J**	0.031 U	0.0038 U	0.181 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0038 U	0.181 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	**0.0065**	**7.34**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	**0.0032 J**	**3.08**
Vinyl chloride	0.02	0.02	0.9	0.0059 U	0.006 U	0.031 U	0.0061 U	0.037 U	0.0055 R	0.031 U	0.0075 U	0.181 U
Total VOCs	NE	NE	NE	ND	ND	**0.0312**	**0.017**	**0.061**	**0.226**	**0.355**	**0.022**	**81.971**
PAHs (mg/kg)												
Acenaphthene	20	98	100	6.1 U	6.4 U	**3**	**16**	**120**	**6.9**	**23**	**0.37**	**34.7**
Acenaphthylene	100	107	100	**1.6 J**	**1.6 J**	**1 J**	**2.4 J**	**7 J**	**1.2 J**	**3.2 J**	**1.94**	**12.4**
Anthracene	100	1000	100	**1.6 J**	**1.1 J**	**2.9**	**11**	**57**	**5.5 J**	**24**	**0.976**	**24**
Benzo(a)anthracene	1	1	1	**6.1**	**3.9 J**	**4.6**	**26**	**52**	**5.1 J**	**19**	**4.62**	**24.6**
Benzo(b)fluoranthene	1	1.7	1	**8.4**	**6.4**	**5.8**	**34**	**60 J**	**5.6**	**16**	**4.65**	**18.5**
Benzo(k)fluoranthene	0.8	1.7	3.9	**3.3 J**	**2.3 J**	**2.2**	**15**	**30 J**	**2.3 J**	**5.6 J**	**3.91**	**14.3**
Benzo(g,h,i)perylene	100	1000	100	**9.3**	**8.2**	**7**	**47**	**47 J**	**4.5 J**	**11**	**4.76**	**15.4**
Benzo(a)pyrene	1	22	1	**8.3**	**6.6**	**6**	**39**	**72 J**	**6.3**	**17**	**6.81**	**32.4**
Chrysene	1	1	3.9	**6.5**	**4 J**	**4.4**	**25**	**47**	**5.1 J**	**16**	**4.16**	**22.9**
Dibenz(a,h)anthracene	0.33	1000	0.33	6.1 U	6.4 U	**1.3 J**	**7.9**	**9.1 J**	5.6 U	**2.1 J**	**0.908**	**2.68**
Fluoranthene	100	1000	100	**8.7**	**4.3 J**	**8.8**	**32**	**62**	**9.3**	**51**	**6.32**	**53.2**
Fluorene	30	386	100	**0.46 J**	**0.39 J**	**1.7**	**8.8**	**56**	**4.3 J**	**7.4**	**0.298**	**19**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**7.8**	**6.3 J**	**6.9**	**47**	**49 J**	**3.8 J**	**11**	**5.53**	**16.7**
2-Methylnaphthalene	NE	NE	NE	6.1 U	6.4 U	**0.49 J**	**22**	**31**	5.6 U	6.7 U	**0.43**	**25.6**
Naphthalene	12	12	100	6.1 U	6.4 U	**1.8**	**39**	**72**	5.6 U	**22**	**2.46**	**40.2**
Phenanthrene	100	1000	100	**3.2 J**	**1.9 J**	**7.7**	**32**	**150**	**15**	**33**	**1.15**	**72**
Pyrene	100	1000	100	**11**	**6.3 J**	**11**	**52**	**130**	**12**	**61**	**6.1**	**62**
Total PAHs	NE	NE	NE	**76.26**	**53.29**	**76.59**	**456.1**	**1051.1**	**86.9**	**322.3**	**55.392**	**490.58**
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.276 U	0.527 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.102**	**2.14**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	6.1 U	6.4 U	1.3 U	**0.75 J**	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Butyl benzyl phthalate	NE	NE	NE	**1 J**	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.276 U	0.527 U
Carbazole	NE	NE	NE	6.1 U	6.4 U	**0.85 J**	**1.8 J**	**3.1 J**	**0.4 J**	**1.9 J**	**0.111 J**	**2.18**
2-Chloronaphthalene	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Dibenzofuran	7	210	59	6.1 U	6.4 U	**1.3 J**	**2.8 J**	**7.9 J**	**1.4 J**	**6.9**	**0.596**	**7.48**
Diethyl phthalate	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Dimethyl phthalate	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
2,4-Dimethylphenol	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 UJ	20 UJ	5.6 U	6.7 U	0.276 U	0.527 U
Di-n-butyl phthalate	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
2,6-Dinitrotoluene	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Di-n-octyl phthalate	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 UJ	5.6 U	6.7 U	0.551 U	1.05 UJ
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.43**	**25.6**
2-Methylphenol (o-Cresol)	0.33	0.33	100	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	**0.42 J**	**0.0383 J**	0.527 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.102 J**	0.527 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	**1.2 J**	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Phenol	0.33	0.33	100	6.1 U	6.4 U	1.3 U	3.3 U	20 U	5.6 U	6.7 U	0.276 U	0.527 U
Total SVOCs	NE	NE	NE	**77.26**	**53.29**	**78.74**	**461.45**	**1062.1**	**88.7**	**332.72**	**56.3413**	**502.38**
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	**0.28**	**33.7**
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	**1.2**	**15.5**
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**0.652**	**29.3**
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	**1.12**	**1.98**
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.238 JN**	**2.18 JN**
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.382 JN**	**4.66 JN**
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.02 JN**	**13.7 JN**
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.806 JN**	**41.9 JN**
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.324 JN**	**31.8 JN**
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	**1.77**	**27.2**
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	**2.32 J**	**22.6**
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	**3.91**	**14.3**
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.86**	**20.2**
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.2**	**4.56**
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0627**	**1.85**
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.192**	**3.46**
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**2.49**	**19.6**
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	**2.84**	**33.6**
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.86**	**18.3**
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0537**	**1.05**
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0379 JN**	**3.27 JN**
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0277 JN**	**3.87 JN**
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0233 JN**	**2.3 JN**
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0209 JN**	**0.91 JN**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0451**	**2.07**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	**0.131**	**2.56**
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	**0.0476**	**1.31**
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	**0.00901**	**0.173**
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	**4.16**	**22.9**
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.952 JN**	**15.5 JN**
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.624 JN**	**7.12 JN**
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.387 JN**	**3.3 JN**
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.22 JN**	**1.33 JN**
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.69**	**24.3**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.809**	**5.78**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0828**	**2.8**
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0242**	**2.4**
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.154**	**11.2**
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.463 JN**	**31.8 JN**
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.523 JN**	**24.7 JN**
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.398 JN**	**7.75 JN**
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.374 JN**	**5 JN**
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	**0.562**	**5.55**
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	**0.298**	**8.69**
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0913**	**7.13**
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.114 JN**	**6.78 JN**
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.154 JN**	**4.75 JN**
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.121 JN**	**2.43 JN**
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0844 JN**	**1.01 JN**
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	**0.16**	**2.78**
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**2.72**	**48.9**
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.61 JN**	**36.5 JN**
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.856 JN**	**13 JN**
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.511 JN**	**5.55 JN**
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	**0.115**	**20.9**
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.143 JN**	**8.67 JN**
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.192 JN**	**5.78 JN**
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.214 JN**	**2.84 JN**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	**2.96**	**24.7**
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0466**	**1.55**
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.462 J**	**1.51 J**
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.111**	**34.8**
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.194**	**25.7**
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.153**	**4.25**
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.215**	**4.86**
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	**1.03**	**38**
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.191 JN**	**36.6 JN**
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.174 JN**	**38.3 JN**
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.223 JN**	**17.3 JN**
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.204 JN**	**6.07 JN**
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.261 JN**	**4.69 JN**
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.254 JN**	**2.66 JN**
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.234 JN**	**1.52 JN**
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.109 JN**	**0.438 JN**
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.794**	**8.39**

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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**0.471**	**64.7**
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.533 JN**	**35.1 JN**
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.596 JN**	**15.8 JN**
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.354 JN**	**5.39 JN**
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.152 JN**	**1.61 JN**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	**0.167**	**2.22**
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	**2.61**	**55.9**
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0758**	**0.368**
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.115**	**3.8**
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	**0.273 J**	**2.5 J**
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.207**	**2.89**
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	**0.624**	**6.33**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	**0.154**	**2.43**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	**0.0873**	**1.27**
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	**0.362**	**3.13**
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.218**	**4.84**
MAEPH (mg/kg)												
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**3.46**	**6.09**
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.87**	0.87 U
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.922**	0.87 U
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.301 J**	0.87 U
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.428 J**	0.87 U
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.229 J**	0.87 U
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.306 J**	0.87 U
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.262 J**	0.87 U
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.33 J**	0.87 U
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.238 J**	0.87 U
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.33 J**	0.87 U
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.534**	0.87 U
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.452 U	0.87 U
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.243 J**	**5.44**
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**1.27**	**4.07**
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.629**	**6.99**
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.796**	**11.1**
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.612**	**18.1**
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.694**	**10.5**
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.687**	**24.7**
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	0.041 U	NA	NA	0.44 U	NA	0.037 U	NA	0.06 U	NA
Aroclor 1248	NE	NE	NE	0.041 U	NA	NA	0.44 U	NA	0.037 U	NA	0.06 U	NA
Aroclor 1254	NE	NE	NE	0.041 U	NA	NA	0.44 U	NA	0.037 U	NA	0.06 U	NA
Aroclor 1260	NE	NE	NE	0.041 U	NA	NA	0.44 U	NA	0.037 U	NA	0.06 U	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.06 U	NA
Total PCB Aroclors	0.1	3.2	1	ND	NA	NA	ND	NA	ND	NA	ND	NA
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.021 U	NA	NA	0.045 UJ	NA	0.038 UJ	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.021 U	NA	NA	0.045 UJ	NA	0.038 UJ	NA	0.0028 U	NA
Chlordane (Technical)	NE	NE	NE		NA	NA	NA	NA	NA	NA	0.0337 U	NA
Chlordane (Alpha & Gamma)	NE	NE	NE		NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
gamma-Chlordane	NE	NE	NE	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.021 U	NA	NA	0.045 UJ	NA	0.038 U	NA	0.0028 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.021 U	NA	NA	0.045 U	NA	0.038 U	NA	0.0028 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.021 U	NA	NA	0.045 UJ	NA	0.038 UJ	NA	0.0028 U	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
Dieldrin	0.005	0.1	0.2	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
alpha-Endosulfan (I)	2.4	102	24	0.021 U	NA	NA	0.045 UJ	NA	0.038 UJ	NA	0.0028 U	NA
beta-Endosulfan (II)	2.4	102	24	0.021 U	NA	NA	0.045 U	NA	0.038 U	NA	0.0028 U	NA
Endosulfan sulfate	2.4	1000	24	0.021 U	NA	NA	0.045 U	NA	0.038 U	NA	0.0028 U	NA
Endrin	0.014	0.06	11	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
Endrin aldehyde	NE	NE	NE	0.021 U	NA	NA	0.045 U	NA	0.038 U	NA	0.0028 U	NA
Endrin ketone	NE	NE	NE	**0.011 J**	NA	NA	**0.043 J**	NA	0.038 U	NA	0.0028 U	NA
Heptachlor	0.042	0.38	2.1	0.021 U	NA	NA	0.045 U	NA	0.038 UJ	NA	0.0028 U	NA
Heptachlor epoxide	NE	NE	NE	0.021 U	NA	NA	0.045 UJ	NA	0.038 UJ	NA	0.0028 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	0.0028 U	NA
Methoxychlor	NE	NE	NE	0.041 U	NA	NA	0.088 U	NA	0.073 UJ	NA	0.0028 U	NA
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.099 U	NA	NA	0.11 UJ	NA	0.089 U	NA	0.205 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.01 U	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.205 U	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**5.78 J**	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	20.3 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.025 U	NA	NA	0.027 UJ	NA	0.022 U	NA	0.01 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.025 U	NA	NA	0.027 UJ	NA	0.022 U	NA	0.01 U	NA
Metals (mg/kg)												
Aluminum	NE	NE	NE	**4950**	**4710**	**3510**	**1370**	**3960**	**5160**	**2620**	**4960**	**4680**
Antimony	NE	NE	NE	4.6 U	4.9 U	5 UJ	5 UJ	5.9 UJ	4.3 UJ	5 UJ	2.51 U	**1.51 J**
Arsenic	13	16	16	**39.2**	**45.1**	**65.9**	**6.6**	**16.9**	**14.4 J**	**17.7 J**	**19.1**	**159**
Barium	350	820	400	**54**	**56.1**	**38 J**	**36.6 J**	**64.8 J**	**44.5**	**30.6**	**69.8**	**84.6**
Beryllium	7.2	47	72	**0.31**	**0.27**	1.5 U	1.5 U	**0.31 J**	**0.27 J**	**0.14 J**	**0.48 J**	**0.37 J**
Cadmium	2.5	7.5	4.3	1.4 U	1.5 U	1.5 U	1.5 U	1.8 UJ	1.3 U	1.5 U	2 U	**0.64 J**
Calcium	NE	NE	NE	**2260**	**5380**	**1960**	**1380**	**4040**	**18700 J**	**21700 J**	**6930**	**6090 J**
Chromium	30	NE	180	**15.7**	**21.6**	**43.7 J**	**6.2**	**11**	**15 J**	**20.2 J**	**12.5**	**20.1**
Cobalt	NE	NE	NE	**6.9**	**4.8**	**12.2**	**2.2 J**	**8.4 J**	**5.7**	**3.2**	**4.62 J**	**4.71 J**
Copper	50	1720	270	**104**	**142**	**202**	**54.1**	**123**	**50.6**	**57.8**	**60.6**	**363**
Iron	NE	NE	NE	**17900**	**12700**	**14800**	**6470 J**	**25600 J**	**11400**	**9200**	**12400**	**14600 J**
Lead	63	450	400	**345**	**502**	**450 J**	**353**	**320**	**90.7 J**	**369 J**	**142**	**525**
Magnesium	NE	NE	NE	**2740**	**2880**	**2550**	**550**	**1310**	**3260**	**2120**	**1780**	**1830**
Manganese	1600	2000	2000	**132**	**90**	**196**	**25.3**	**174**	**111**	**103**	**126**	**132**
Mercury	0.18	0.73	0.81	**0.34**	**1.6**	**0.11**	**0.84 J**	**8.6 J**	**0.41 J**	**6.9 J**	**0.337**	**2.6**
Nickel	30	130	310	**19.8**	**14.6**	**17.1 J**	**6.6 J**	**18.8 J**	**22.9**	**14.3**	**15.5 J**	**14.3 J**
Potassium	NE	NE	NE	**903**	**1000**	**652 J**	**359 J**	**635 J**	**914 J**	**640 J**	**715 J**	2460 U
Selenium	3.9	4	180	10.5 U	11.2 U	**6 J**	11.3 UJ	13.5 UJ	9.8 U	11.4 U	**1.18 J**	**1.27 J**
Silver	2	8.3	180	**0.083**	**0.21**	**0.27 J**	1.5 U	**0.43 J**	**0.87 J**	**0.29 J**	2 U	**0.49 J**
Sodium	NE	NE	NE	**1850**	**1590**	**1560**	75.5 UJ	**1270 J**	**391**	**2410**	2510 U	2460 U
Thallium	NE	NE	NE	**2.2**	**1.6**	**1.1 J**	4.5 U	5.4 UJ	**1 J**	4.6 U	2.51 U	0.49 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Adjacent to Parcel 4 - N.12th St								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-15 (1-4) 9/24/2009	Duplicate of WW-MW-15 (1-4) 9/24/2009	WW-MW-15 (12-13) 9/28/2009	WW-SB-15 (3-5) 9/17/2009	WW-SB-15 (7-9) 9/17/2009	WW-SB-16 (0.5-5) 9/22/2009	WW-SB-16 (12-13) 9/23/2009	WW-SB-227 (0-5) 7/28/2022	WW-TP-203A (2.5) 8/29/2022
Tin	NE	NE	NE	**66.1**	**22.4**	**6.5**	**27.5**	**27.9**	**6.7**	**17.5**	50.1 UJ	**53**
Vanadium	NE	NE	NE	**19.8**	**19.7**	**13.9 J**	**5.2**	**16.4**	**36.7 J**	**10.3 J**	**16.6**	**19.6**
Zinc	109	2480	10000	**248**	**177**	**94.2 J**	**6.6 J**	**216**	**93.2**	**84.9**	**96.5**	**280 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	0.233 U	0.238 U	0.242 UJ	0.24 UJ	0.296 UJ	0.218 UJ	0.249 UJ	0.22 U	0.217 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0415**	**0.0895**
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0319**	**0.0603**
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.018**	**0.0395 J**
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0148**	**0.0238 J**
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00892**	**0.033 J**
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0125**	**0.0281 J**
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0119**	**0.0318 J**
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0106**	**0.0332 J**
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0122**	**0.0563**
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00838**	**0.029 J**
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00809**	**0.025 J**
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0157**	**0.0594**
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0305**	**0.103**
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00919**	**0.0241 J**
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0225**	**0.0517**
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.014**	**0.0422 J**
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00393 J**	0.0435 U
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.072**	**0.215**
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.016**	**0.0677**
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00392 J**	**0.0289 J**
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.011**	**0.0486**
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00663**	**0.0474**
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0893**	**0.308**
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00452 U	0.0435 U
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0383**	**0.105**
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0325**	**0.086**
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00452 U	0.0435 U
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0346**	**0.0823**
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0185**	**0.0481**
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0187**	**0.0541**
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0128**	**0.0476**
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0238**	0.0435 U
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0126**	0.0435 U

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Location				Adjacent to Parcel 4 - N.12th St								
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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0162**	0.0435 U
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.01**	0.0435 U
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0177**	**0.0828**
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0094**	**0.0468**
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0124**	**0.0462**
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0367**	**0.179**
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0155**	**0.0867**
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0178**	**0.0768**
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0482**	**0.189**
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	0.00452 U	0.0435 U
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.00615**	**0.0235 J**
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0192**	**0.0967**
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0198**	**0.0819**
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0227**	**0.0899**
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0168**	**0.0733**
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0244**	**0.0733**
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0334**	**0.142**
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0253**	**0.0924**
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**0.0228**	**0.0886**
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**99.6**	**1480**
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**109**	**426 J**
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**123**	**2390**
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**162**	**2910**
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**703**	**9230 J**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**406**	**5380**
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	**840**	**6920**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 5 - Former N. 10th Street											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**0.00039 J**	**0.0011**	0.00071 U	**0.00028 J**	**0.82**	0.00045 U	0.00053 U	0.00052 U	0.00032 U	**0.00032 J**	0.00072 U
Toluene	0.7	0.7	100	**0.00013 J**	**6.4E-05 J**	0.00071 U	**0.00014 J**	**3.9**	0.00045 U	0.00053 U	0.00052 U	0.00032 U	**0.00029 J**	**0.0002 J**
Ethylbenzene	1	1	41	0.00051 UJ	0.00034 U	0.00071 U	0.00076 U	**9.3**	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	0.0015 UJ	0.001 U	0.0021 U	0.0023 U	**16**	0.0013 U	0.0016 U	0.0016 U	0.00095 U	0.0027 U	0.0022 U
Total BTEX	NE	NE	NE	**0.00052**	**0.001164**	ND	**0.00042**	**30.02**	ND	ND	ND	ND	**0.00061**	**0.0002**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	**0.022**	**0.0074**	0.0071 U	**0.031 J**	2.8 R	0.0045 UJ	0.0053 U	0.0052 U	0.0032 U	**0.039 J**	**0.022**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	**0.0011 J**	**0.00031 J**	0.00071 U	**0.0038**	0.56 U	**0.00033 J**	0.00053 U	0.00052 U	0.00032 U	**0.00021 J**	**0.00022 J**
Chlorobenzene	1.1	1.1	100	0.00051 UJ	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.00051 U	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	**0.00017 J**	0.00092 U	0.00072 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.00051 U	0.00034 U	**0.00012 J**	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
1,1-Dichloroethene	0.33	0.33	100	**0.0075 J**	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
cis-1,2-Dichloroethene	0.25	0.25	100	**0.05**	**0.00032 J**	**0.0011**	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
trans-1,2-Dichloroethene	0.19	0.19	100	**0.0063 J**	**5.2E-05 J**	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
1,2-Dichloropropane	NE	NE	NE	0.00051 U	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	**0.004 J**	**0.0015 J**	0.0071 R	0.0076 R	2.8 U	0.0045 R	0.0053 R	0.0052 R	0.0032 R	**0.0017 J**	**0.0051 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0051 U	0.0034 U	0.0071 U	0.0076 U	2.8 U	0.0045 U	0.0053 U	0.0052 U	0.0032 U	0.0092 U	0.0072 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.00051 U	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	**0.0066 J**	0.00052 UJ	0.00032 U	**0.05**	0.00072 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.00051 UJ	0.00034 U	0.00071 U	0.00076 U	**0.2 J**	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.00051 U	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
Tetrachloroethene (PCE)	1.3	1.3	19	**0.039 J**	**9.5E-05 J**	**0.00016 J**	0.00076 U	0.56 U	0.00045 U	**0.0037**	**0.0051**	**0.0015**	0.00092 U	0.00072 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.00051 U	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 5 - Former N. 10th Street											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
Trichloroethene (TCE)	0.47	0.47	21	**0.039 J**	0.00034 U	0.00071 U	0.00076 U	0.56 U	0.00045 U	**0.0017**	**0.002**	**0.00047**	0.00092 U	0.00072 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	**0.0069 J**	**0.00028 J**	0.00071 U	0.00076 U	0.56 U	0.00045 U	0.00053 U	0.00052 U	0.00032 U	0.00092 U	0.00072 U
Total VOCs	NE	NE	NE	**0.17632**	**0.011121**	**0.00138**	**0.03522**	**30.22**	**0.00033**	**0.012**	**0.0071**	**0.00214**	**0.09152**	**0.02752**
PAHs (mg/kg)														
Acenaphthene	20	98	100	0.36 U	0.38 U	0.37 U	**0.24 J**	**21**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.17 J**
Acenaphthylene	100	107	100	0.36 U	0.38 U	0.37 U	**0.13 J**	**2.6 J**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.11 J**
Anthracene	100	1000	100	0.36 U	0.38 U	0.37 U	**0.92**	**14**	0.37 U	0.38 U	**0.12 J**	0.4 U	0.39 U	**0.47**
Benzo(a)anthracene	1	1	1	**0.12**	0.038 U	0.037 U	**2.8**	**8.5**	0.037 U	0.038 UJ	**0.39 J**	0.04 U	0.039 U	**2.1**
Benzo(b)fluoranthene	1	1.7	1	**0.28**	0.038 U	0.037 U	**3.2**	**4.1**	0.037 U	0.038 UJ	**0.49 J**	0.04 U	0.039 U	**2.3**
Benzo(k)fluoranthene	0.8	1.7	3.9	**0.14**	0.038 UJ	0.037 UJ	**1.6**	0.42 U	0.037 U	0.038 UJ	**0.23 J**	0.04 U	0.039 U	**0.91**
Benzo(g,h,i)perylene	100	1000	100	**0.19 J**	0.38 U	0.37 U	**1.4**	**1.7 J**	0.37 U	0.38 U	**0.43**	0.4 U	0.39 U	**0.87**
Benzo(a)pyrene	1	22	1	**0.27**	0.038 U	0.037 U	**3**	**5.5**	0.037 U	0.038 UJ	**0.52 J**	0.04 U	0.039 U	**2**
Chrysene	1	1	3.9	**0.14 J**	0.38 U	0.37 U	**2.8**	**8.1**	0.37 U	0.38 U	**0.38**	0.4 U	0.39 U	**2**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.036 U	0.038 U	0.037 U	0.04 U	0.42 U	0.037 U	0.038 U	0.038 U	0.04 U	0.039 U	**0.24**
Fluoranthene	100	1000	100	**0.084 J**	0.38 U	0.37 U	**5.8**	**13**	0.37 U	0.38 U	**0.79**	0.4 U	0.39 U	**3.4**
Fluorene	30	386	100	0.36 U	0.38 U	0.37 U	**0.24 J**	**12**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.15 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**0.17**	0.038 U	0.037 U	**1.5**	**1.4**	0.037 U	0.038 UJ	**0.3 J**	0.04 U	0.039 U	**0.9**
2-Methylnaphthalene	NE	NE	NE	0.36 U	0.38 U	0.37 U	**0.091 J**	**17**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Naphthalene	12	12	100	0.36 U	0.38 U	0.37 U	**0.13 J**	**7.6**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.055 J**
Phenanthrene	100	1000	100	0.36 U	0.38 U	0.37 U	**3.1**	**54**	0.37 U	0.38 U	**0.59**	0.4 U	0.39 U	**2.1**
Pyrene	100	1000	100	**0.16 J**	0.38 U	0.37 U	**5.4**	**22**	0.37 U	0.38 U	**0.91**	0.4 U	0.39 U	**3.6**
Total PAHs	NE	NE	NE	**1.554**	ND	ND	**32.351**	**192.5**	ND	ND	**5.15**	ND	ND	**21.375**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	**0.22 J**	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.17 J**
Butyl benzyl phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.36 U	0.38 U	0.37 U	**0.3 J**	4.2 U	0.37 U	0.38 U	**0.083 J**	0.4 U	0.39 U	**0.17 J**
2-Chloronaphthalene	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Dibenzofuran	7	210	59	0.36 U	0.38 U	0.37 U	**0.15 J**	**1.3 J**	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	**0.083 J**
Diethyl phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Dimethyl phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
2,4-Dimethylphenol	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Di-n-butyl phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
2,6-Dinitrotoluene	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.84 U	0.076 UJ	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Di-n-octyl phthalate	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Phenol	0.33	0.33	100	0.36 U	0.38 U	0.37 U	0.4 U	4.2 U	0.37 U	0.38 U	0.38 U	0.4 U	0.39 U	0.39 U
Total SVOCs	NE	NE	NE	**1.554**	ND	ND	**33.021**	**193.8**	ND	ND	**5.233**	ND	ND	**21.798**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - Former N. 10th Street										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - Former N. 10th Street										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Aroclor 1248	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Aroclor 1254	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Aroclor 1260	NE	NE	NE	0.073 U	0.078 U	0.074 U	**0.082**	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Aroclor 1268	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	0.08 U
Total PCB Aroclors	0.1	3.2	1	ND	ND	ND	**0.082**	ND	ND	ND	ND	ND	ND	ND
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	0.073 U	0.078 U	0.074 U	0.08 U	0.084 U	0.076 U	0.078 U	0.077 U	0.082 U	0.079 U	**0.094 J**
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0073 U	0.0078 U	0.0074 U	**0.024**	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	**0.03**
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	**0.014**
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0073 U	0.0078 U	0.0074 U	**0.036**	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	**0.04**

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Dieldrin	0.005	0.1	0.2	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	**0.0086 J**
alpha-Endosulfan (I)	2.4	102	24	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
beta-Endosulfan (II)	2.4	102	24	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Endosulfan sulfate	2.4	1000	24	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Endrin	0.014	0.06	11	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Endrin aldehyde	NE	NE	NE	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Endrin ketone	NE	NE	NE	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Heptachlor	0.042	0.38	2.1	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Heptachlor epoxide	NE	NE	NE	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	0.0073 U	0.0078 U	0.0074 U	0.008 U	0.0084 U	0.0076 U	0.0078 U	0.0077 U	0.0082 U	0.0079 U	0.008 U
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.02 U	0.02 U	0.021 U	0.02 U	0.02 U
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.019 U	0.02 U	0.019 U	0.02 U	0.021 U	0.019 U	0.02 U	0.02 U	0.021 U	0.02 U	0.02 U
2,4,5-TP (Silvex)	3.8	3.8	100	0.019 UJ	0.02 UJ	0.019 UJ	0.02 UJ	0.021 UJ	0.019 UJ	0.02 UJ	0.02 UJ	0.021 UJ	0.02 UJ	0.02 UJ
Metals (mg/kg)														
Aluminum	NE	NE	NE	**7630**	**7880**	**2120**	**4790**	**6740**	**4100**	**6750**	**5930**	**7940**	**1740**	**5350**
Antimony	NE	NE	NE	2 UJ	2.2 UJ	2 UJ	**1.9 J**	**11.1 J**	2.1 UJ	**4.2**	**3.8**	2.3 U	2.2 U	2.3 UJ
Arsenic	13	16	16	**2.4**	**1.4**	**3.3**	**10.5**	**29.2**	1 R	**4 J**	**7.1 J**	**3.7**	1.1 U	**6**
Barium	350	820	400	**58.2**	**49.8**	**20.1 J**	**314**	**170**	**44.2**	**47.9**	**56.2**	**34.9 J**	**10.5 J**	**249**
Beryllium	7.2	47	72	**0.38 J**	**0.41 J**	0.41 U	**0.89**	**0.28 J**	**0.24 J**	**0.3 J**	**0.28 J**	**0.33 J**	0.44 U	**0.29 J**
Cadmium	2.5	7.5	4.3	**0.41 J**	**0.28 J**	**0.3 J**	**1.3**	**0.61 J**	1 U	1.1 U	**0.46 J**	1.2 U	1.1 U	**0.81 J**
Calcium	NE	NE	NE	**4030 J**	**773 J**	**470 J**	**14600**	**47800**	**5920**	**937 J**	**8300 J**	**837 J**	**3980**	**19500 J**
Chromium	30	NE	180	**42.3**	**17.3**	**7**	**27.7**	**18.8**	**11.7**	**24.8 J**	**27.2 J**	**10.7 J**	**6.8 J**	**14.7**
Cobalt	NE	NE	NE	**6.7 J**	**7.9 J**	**3.6 J**	**11**	**66.5**	**4.8 J**	**5.7 J**	**4.9 J**	**5.2 J**	**4.3 J**	**4.5 J**
Copper	50	1720	270	**24.1**	**17.4**	**6.6**	**206**	**425**	**13.6**	**13.4**	**20.1**	**10.5**	**5.2 J**	**136**
Iron	NE	NE	NE	**20000**	**20700**	**19100**	**26400**	**32300**	**12300**	**15500**	**13100**	**18500**	**7560**	**14000**
Lead	63	450	400	**51.2**	**4.5**	1 U	**479**	**450**	**4.3**	**183 J**	**148 J**	**5.7 J**	**1.8 J**	**356**
Magnesium	NE	NE	NE	**1860**	**2620**	**732 J**	**3600**	**4600**	**4020**	**2100**	**2260**	**2640**	**2490**	**2500**
Manganese	1600	2000	2000	**366**	**375**	**209**	**221**	**196**	**238**	**311**	**265**	**162**	**153**	**208**
Mercury	0.18	0.73	0.81	**0.13**	0.037 U	0.036 U	**0.6**	**3.1**	0.037 U	**0.12**	**0.15**	0.038 U	0.037 U	**1.3**
Nickel	30	130	310	**16.7**	**15.1**	**5.6 J**	**55.1**	**25.3**	**11.1**	**11.2**	**12.2**	**11.5**	**5.8 J**	**13.7**
Potassium	NE	NE	NE	**970 J**	**1570**	**352 J**	**631 J**	**903 J**	**1560**	**470 J**	**613 J**	**344 J**	**339 J**	**706 J**
Selenium	3.9	4	180	2 U	2.2 U	2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.3 U	2.2 U	2.3 U
Silver	2	8.3	180	2 U	2.2 U	2 U	**0.81 J**	**0.49 J**	2.1 U	2.3 U	2.1 U	2.3 U	2.2 U	2.3 U
Sodium	NE	NE	NE	**176 J**	1120 U	1020 U	**593 J**	**1960**	**367 J**	1140 U	1050 U	1150 U	**193 J**	**431 J**
Thallium	NE	NE	NE	2 U	2.2 U	2 U	2.1 U	2.5 U	2.1 U	2.3 U	2.1 U	2.3 U	2.2 U	2.3 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - Former N. 10th Street										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
Tin	NE	NE	NE	5 U	5.6 U	5.1 U	**54.1**	**14.3**	5.2 U	5.7 U	5.3 U	5.8 U	5.5 U	**30.6**
Vanadium	NE	NE	NE	**27**	**25.7**	**11.9**	**26.3**	**17.4**	**16.1**	**14.6**	**13.2**	**14.5**	**13**	**22.8**
Zinc	109	2480	10000	**79.8**	**39.4**	**14.5**	**1250**	**1020**	**23.9**	**74.9 J**	**235 J**	**40.8**	**16.4**	**302**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	2.4 U	2.5 U	2.3 U	**0.27 J**	**0.14 J**	**0.3 J**	2.5 U	2.5 U	2.6 U	2.5 U	2.5 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - Former N. 10th Street										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-MW-21 (3-5) 11/14/2012	WW-MW-21 (10-11) 11/14/2012	WW-MW-21 (50-52) 11/14/2012	WW-MW-22 (3-5) 11/12/2012	WW-MW-22 (24-25) 11/12/2012	WW-MW-22 (52-55) 11/12/2012	WW-SB-54 (3-5) 11/15/2012	Duplicate of WW-SB-54 (3-5) 11/15/2012	WW-SB-54 (7-9) 11/15/2012	WW-SB-54 (57-59) 11/15/2012	WW-SB-55 (3-5) 11/13/2012
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - Former N. 10th Street		Adjacent to Parcel 5 - Kent Ave	Adjacent to Parcel 5 - N.11th St		Adjacent to Parcel 5 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**0.0019 J**	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	**140**	6.9 U	0.006 U	**950**	**0.046**
Toluene	0.7	0.7	100	**0.011 J**	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Ethylbenzene	1	1	41	**0.0023 J**	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	**220**	**20**	0.006 U	**440**	0.03 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	**0.01 J**	0.0011 U	0.0029 U	0.0055 U	15 U	0.0063 U	**340**	6.9 U	0.006 U	**1600**	0.03 U
Total BTEX	NE	NE	NE	**0.0252**	ND		ND	ND	ND	**700**	**20**	ND	**2990**	**0.046**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	0.099 R	0.0041 U	0.0097 U	0.022 U	38 U	0.025 UJ	31 U	17 R	0.024 U	170 U	0.12 U
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.02 U	**0.00015 J**	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 UJ
Chlorobenzene	1.1	1.1	100	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
1,1-Dichloroethene	0.33	0.33	100	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
1,2-Dichloropropane	NE	NE	NE	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.099 R	**0.00055 J**	0.0097 U	0.011 U	**260**	0.013 UJ	12 U	6.9 U	0.012 U	67 U	0.061 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.099 U	0.0038 U	0.0097 U	0.0055 U	15 U	0.0063 UJ	12 U	6.9 U	0.006 U	67 U	0.03 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.02 U	0.00038 U	0.00097 U	0.022 U	15 U	0.025 U	12 U	6.9 U	0.024 U	67 U	0.12 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	**59**	**3.3 J**	0.006 U	**860**	0.03 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U

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Location				Adjacent to Parcel 5 - Former N. 10th Street		Adjacent to Parcel 5 - Kent Ave	Adjacent to Parcel 5 - N.11th St		Adjacent to Parcel 5 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
Trichloroethene (TCE)	0.47	0.47	21	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.02 U	0.00038 U	0.00097 U	0.0055 U	15 U	0.0063 U	12 U	6.9 U	0.006 U	67 U	0.03 U
Total VOCs	NE	NE	NE	**0.0252**	**0.0007**	ND	ND	**260**	ND	**759**	**23.3**	ND	**3850**	**0.046**
PAHs (mg/kg)														
Acenaphthene	20	98	100	**0.44 J**	0.39 U	0.34 U	2.9 U	**3.9 J**	0.34 U	**3.5 J**	**0.64 J**	0.32 U	**49 J**	1.3 U
Acenaphthylene	100	107	100	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	**34**	**0.61 J**	0.32 U	**670**	1.3 U
Anthracene	100	1000	100	**0.25 J**	0.39 U	0.34 U	**1.1 J**	**6.1**	0.34 U	**13 J**	**0.58 J**	0.32 U	**230 J**	**0.057 J**
Benzo(a)anthracene	1	1	1	**0.31**	0.039 U	0.034 U	**2.5 J**	**25**	**0.023 J**	16 U	0.74 U	0.32 U	**110 J**	**0.084 J**
Benzo(b)fluoranthene	1	1.7	1	**0.24**	0.039 U	0.034 U	**3.5 J**	**53 J**	**0.027 J**	16 U	0.74 U	0.32 U	**71 J**	1.3 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.079 U	0.039 UJ	0.034 U	**1.3 J**	**25 J**	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Benzo(g,h,i)perylene	100	1000	100	0.79 UJ	0.39 U	0.34 U	**1.5 J**	**28 J**	0.34 U	16 U	0.74 UJ	0.32 U	360 U	1.3 U
Benzo(a)pyrene	1	22	1	**0.18**	0.039 U	0.034 U	**2.4 J**	**48 J**	0.34 U	16 U	0.74 U	0.32 U	**71 J**	1.3 U
Chrysene	1	1	3.9	**0.27 J**	0.39 U	0.34 U	**2.4 J**	**23**	0.34 U	16 U	0.74 U	0.32 U	**100 J**	1.3 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.079 U	0.039 U	0.034 U	**0.37 J**	**8.3 J**	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Fluoranthene	100	1000	100	**0.71 J**	0.39 U	0.34 U	**5.7**	**18**	**0.046 J**	**13 J**	**0.61 J**	**0.028 J**	**230 J**	**0.16 J**
Fluorene	30	386	100	**0.34 J**	0.39 U	0.34 U	**0.28 J**	**4**	0.34 U	**18**	**0.73 J**	0.32 U	**360 J**	1.3 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.079 U	0.039 U	0.034 U	**1.6 J**	**33 J**	0.34 U	**3.5 J**	0.74 U	0.32 U	360 U	1.3 U
2-Methylnaphthalene	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	**11**	0.34 U	**83**	**3.5**	0.32 U	**1600**	1.3 U
Naphthalene	12	12	100	**0.17 J**	0.39 U	0.34 U	2.9 U	4 U	0.34 U	**190**	**7.5**	0.32 U	**3600**	1.3 U
Phenanthrene	100	1000	100	**1.2**	0.39 U	0.34 U	**3.4**	**18**	**0.027 J**	**51**	**2.2**	**0.028 J**	**850**	**0.24 J**
Pyrene	100	1000	100	**0.86**	0.39 U	0.34 U	**6.7**	**29**	**0.034 J**	**19**	**0.86**	**0.03 J**	**370**	**0.16 J**
Total PAHs	NE	NE	NE	**4.97**	ND	ND	**32.75**	**333.3**	**0.157**	**428**	**17.23**	**0.086**	**8311**	**0.701**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	**0.15 J**
Butyl benzyl phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	**2.1 J**	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
2-Chloronaphthalene	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Dibenzofuran	7	210	59	0.79 U	0.39 U	0.34 U	2.9 U	**1.6 J**	0.34 U	**2.3 J**	**0.092 J**	0.32 U	**41 J**	1.3 U
Diethyl phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Dimethyl phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
2,4-Dimethylphenol	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	**0.051 J**	0.32 U	360 U	1.3 U
Di-n-butyl phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
2,6-Dinitrotoluene	NE	NE	NE	0.16 U	0.08 U	0.07 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Di-n-octyl phthalate	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 UJ	4 UJ	**0.27 J**	16 U	0.74 U	0.32 U	360 U	1.3 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	**0.046 J**	0.32 U	360 U	1.3 U

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Location				Adjacent to Parcel 5 - Former N. 10th Street		Adjacent to Parcel 5 - Kent Ave	Adjacent to Parcel 5 - N.11th St		Adjacent to Parcel 5 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	**0.055 J**	0.32 U	360 U	1.3 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Phenol	0.33	0.33	100	0.79 U	0.39 U	0.34 U	2.9 U	4 U	0.34 U	16 U	0.74 U	0.32 U	360 U	1.3 U
Total SVOCs	NE	NE	NE	**4.97**	ND	ND	**32.75**	**337**	**0.427**	**430.3**	**17.474**	**0.086**	**8352**	**0.851**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - Former N. 10th Street		Adjacent to Parcel 5 - Kent Ave	Adjacent to Parcel 5 - N.11th St		Adjacent to Parcel 5 - N.11th St					
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	0.08 U	0.08 U	0.07 U	0.018 U	NA	0.021 U	NA	NA	0.02 U	NA	0.02 U
Aroclor 1248	NE	NE	NE	0.08 U	0.08 U	0.07 U	0.018 U	NA	0.021 U	NA	NA	0.02 U	NA	0.02 U
Aroclor 1254	NE	NE	NE	0.08 U	0.08 U	0.07 U	**0.052 J**	NA	0.021 U	NA	NA	0.02 U	NA	0.02 U
Aroclor 1260	NE	NE	NE	0.08 U	0.08 U	0.07 U	**0.026 J**	NA	0.021 U	NA	NA	0.02 U	NA	0.02 U
Aroclor 1268	NE	NE	NE	0.08 U	0.08 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	ND	ND	ND	**0.078**	NA	ND	NA	NA	ND	NA	ND
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	0.08 U	0.08 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 U
gamma-Chlordane	NE	NE	NE	NA	NA	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 U
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.008 U	0.008 U	0.007 U	0.019 U	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Dieldrin	0.005	0.1	0.2	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ
alpha-Endosulfan (I)	2.4	102	24	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
beta-Endosulfan (II)	2.4	102	24	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ
Endosulfan sulfate	2.4	1000	24	0.008 U	0.008 U	0.007 U	0.019 U	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ
Endrin	0.014	0.06	11	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ
Endrin aldehyde	NE	NE	NE	0.008 U	0.008 U	0.007 U	0.019 U	NA	0.0042 U	NA	NA	0.004 UJ	NA	0.004 UJ
Endrin ketone	NE	NE	NE	0.008 U	0.008 U	0.007 U	0.019 U	NA	0.0042 U	NA	NA	0.004 U	NA	0.004 UJ
Heptachlor	0.042	0.38	2.1	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
Heptachlor epoxide	NE	NE	NE	0.008 U	0.008 U	0.007 U	0.019 UJ	NA	0.0021 U	NA	NA	0.002 U	NA	0.002 UJ
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	0.008 U	0.008 U	0.007 U	0.037 UJ	NA	0.021 U	NA	NA	0.02 U	NA	0.02 UJ
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.02 U	0.02 U	0.018 UJ	0.089 U	NA	0.11 UJ	NA	NA	0.1 UJ	NA	0.1 UJ
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.02 U	0.02 U	0.018 U	0.022 U	NA	0.026 UJ	NA	NA	0.025 UJ	NA	0.025 UJ
2,4,5-TP (Silvex)	3.8	3.8	100	0.02 UJ	0.02 UJ	0.018 UJ	0.022 U	NA	0.026 UJ	NA	NA	0.025 UJ	NA	0.025 UJ
Metals (mg/kg)														
Aluminum	NE	NE	NE	**8000**	**3360**	**3540**	**3900**	**4970**	**10100**	**2120**	**9880**	**9160**	**2940**	**12500**
Antimony	NE	NE	NE	2.3 UJ	5.2 UJ	2 UJ	4.4 UJ	6.2 UJ	5.1 UJ	4.8 UJ	5.7 UJ	4.9 UJ	5.3 UJ	4.9 UJ
Arsenic	13	16	16	**4.3**	**3.7**	**1.5**	**2.8 J**	**40.9**	6.5 U	**2.1 J**	7.3 U	**3.1 J**	6.8 U	**6.8 J**
Barium	350	820	400	**85.1**	**24.9 J**	**24.2 J**	**51.5 J**	**21.8 J**	**27.4**	**17.3**	**79.3**	**37.6**	**26**	**113**
Beryllium	7.2	47	72	**0.63**	**0.4 J**	**0.23 J**	**0.21 J**	**0.59 J**	**0.53 J**	**0.26 J**	**0.99 J**	**0.53 J**	**0.41 J**	**1.1 J**
Cadmium	2.5	7.5	4.3	**0.27 J**	**0.89 J**	1 U	1.3 U	1.9 U	1.6 U	1.5 UJ	1.7 UJ	1.5 UJ	1.6 UJ	1.5 UJ
Calcium	NE	NE	NE	**1870 J**	**807 J**	**717 J**	**18400 J**	**1520 J**	**2530 J**	**525 J**	**1810 J**	**1360 J**	**594 J**	**4960 J**
Chromium	30	NE	180	**16.7**	**16**	**12.6**	**10.8 J**	**7.1 J**	**13.1 J**	**7.4 J**	**29.4 J**	**12.9 J**	**10.5 J**	**55.3 J**
Cobalt	NE	NE	NE	**7.1 J**	**5.4 J**	**3.1 J**	**3.4 J**	**4.4 J**	**9.8**	**3.4**	**9.9**	**5.7**	**3.8**	**7.5**
Copper	50	1720	270	**29.3**	**16.5**	**9**	**50.8 J**	**20.6 J**	**22.1 J**	**8.9 J**	**22.6 J**	**26.8 J**	**9.3 J**	**36.2**
Iron	NE	NE	NE	**17400**	**60500**	**10900**	**8580 J**	**11700 J**	**19000**	**11200**	**25000**	**18400**	**15600**	**45000 J**
Lead	63	450	400	**30.6**	**3.4 J**	**5.3**	**87.8 J**	**78.5 J**	**16.4**	4.4 U	**13.3 J**	**38.5**	4.8 U	**131 J**
Magnesium	NE	NE	NE	**2240**	**888 J**	**1150**	**3790 J**	**838 J**	**3210 J**	**723 J**	**3120 J**	**1940 J**	**1170 J**	**1880 J**
Manganese	1600	2000	2000	**147**	**871**	**91 J**	**126 J**	**112 J**	**218**	**154**	**583**	**300**	**136**	**423 J**
Mercury	0.18	0.73	0.81	**0.059**	0.038 U	0.034 U	**0.12 J**	**0.22 J**	**0.032**	0.06 U	**0.014 J**	**0.21**	0.061 U	**0.17**
Nickel	30	130	310	**13**	**7.2 J**	**6.3 J**	**12.2**	**16.4**	**17.6**	**5.7**	**18.4**	**11.6**	**9.2**	**17.3**
Potassium	NE	NE	NE	**1150**	**518 J**	**593 J**	**715 J**	**401 J**	**810 J**	**397 J**	**1520 J**	**762 J**	**746 J**	**1100 J**
Selenium	3.9	4	180	2.3 U	5.2 U	**1.1 J**	9.9 U	14.1 U	11.7 U	11 U	13 UJ	11 U	12.1 UJ	11.2 UJ
Silver	2	8.3	180	2.3 U	5.2 U	2 U	**0.29 J**	1.9 U	1.6 U	1.5 U	1.7 UJ	1.5 U	1.6 U	1.5 UJ
Sodium	NE	NE	NE	**368 J**	2600 U	**226 J**	**327 J**	**1480 J**	77.9 U	73.1 U	86.6 UJ	73.5 U	80.4 U	74.9 U
Thallium	NE	NE	NE	2.3 U	5.2 U	2 U	4 U	5.6 U	4.7 UJ	4.4 UJ	5.2 UJ	4.4 UJ	4.8 UJ	**1.5 J**

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-55 (12-14) 11/13/2012	WW-SB-55 (55-57) 11/13/2012	WW-MW-20 (1.5-3) 11/3/2010	WW-MW-12 (0.5-3) 8/28/2009	WW-MW-12 (9-10) 8/28/2009	WW-SB-17 (2-4) 8/12/2009	WW-SB-17 (32-33) 8/12/2009	WW-SB-17 (45-46) 8/13/2009	WW-SB-28 (3-5) 8/14/2009	WW-SB-28 (22-23) 8/14/2009	WW-SB-29 (2-5) 8/18/2009
Tin	NE	NE	NE	5.7 U	13 U	5.1 U	**4.1**	4.7 U	3.9 U	3.7 U	4.3 U	3.7 U	4 U	**6.5**
Vanadium	NE	NE	NE	**26.2**	**32.4**	**16.6**	**14.1 J**	**17.9 J**	**17.2**	**14.6**	**33.7**	**20.5**	**14.8**	**59.1 J**
Zinc	109	2480	10000	**46.2**	**35.4**	**17.6**	**126**	**321**	**52.9 J**	**15.5 J**	**52.7 J**	**36.6 J**	**21.9 J**	**189 J**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	2.6 U	2.5 U	0.21 U	0.215 UJ	0.299 UJ	0.252 U	0.244 U	0.276 U	0.239 U	0.263 U	0.239 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	0.031 U	**42**	**0.22 J**	0.03 UJ	0.0062 U	**0.03 J**	**0.00069**	**0.0065**	0.0066 U	0.04 U	**0.5 J**
Toluene	0.7	0.7	100	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Ethylbenzene	1	1	41	0.031 U	**130**	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	**6.8**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	0.031 U	6.2 U	0.029 UJ	0.03 UJ	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Total BTEX	NE	NE	NE	ND	**172**	**0.22**	ND	ND	**0.03**	**0.00069**	**0.0065**	ND	ND	**7.3**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	0.12 U	15 U	0.12 U	0.12 U	0.025 UJ	0.12 U	0.0015 R	0.024 U	0.026 U	0.16 U	1.8 R
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.031 UJ	6.2 U	0.029 UJ	0.03 UJ	0.0062 UJ	0.03 UJ	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Chlorobenzene	1.1	1.1	100	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
1,1-Dichloroethene	0.33	0.33	100	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
1,2-Dichloropropane	NE	NE	NE	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.062 U	6.2 U	0.059 UJ	0.059 U	0.012 U	0.061 U	0.00061 U	0.012 U	0.013 U	0.08 U	**12 J**
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.12 U	6.2 U	0.12 UJ	0.12 U	0.025 U	0.12 U	0.00061 U	0.024 U	0.026 U	0.16 U	0.7 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	**0.028 J**	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Trichloroethene (TCE)	0.47	0.47	21	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.031 U	6.2 U	0.029 UJ	0.03 U	0.0062 U	0.03 U	0.00061 U	0.0061 U	0.0066 U	0.04 U	0.7 U
Total VOCs	NE	NE	NE	ND	**172**	**0.22**	ND	ND	**0.058**	**0.00069**	**0.0065**	ND	ND	**19.3**
PAHs (mg/kg)														
Acenaphthene	20	98	100	**0.095 J**	**140**	0.31 U	**0.61**	0.33 U	**0.5 J**	**33**	**0.09 J**	**0.052 J**	4.2 U	**20**
Acenaphthylene	100	107	100	**0.25 J**	**29 J**	0.31 U	0.32 U	0.33 UJ	**0.26 J**	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Anthracene	100	1000	100	**0.14 J**	**58 J**	**0.19 J**	**0.31 J**	0.33 U	**1.4 J**	**12**	**0.037 J**	**0.029 J**	4.2 U	**7.2**
Benzo(a)anthracene	1	1	1	**0.18 J**	**27 J**	**0.35**	**0.19 J**	0.33 U	**10**	**6.5**	**0.031 J**	**0.021 J**	4.2 UJ	**5.2**
Benzo(b)fluoranthene	1	1.7	1	1.3 U	**14 J**	**0.44**	**0.15 J**	0.33 U	**23 J**	**5.5 J**	0.33 U	0.35 U	**0.49 J**	**5.3 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	1.3 U	**7.1 J**	**0.19 J**	**0.058 J**	0.33 U	**9.7 J**	**2.1 J**	0.33 U	0.35 U	4.2 UJ	**1.7 J**
Benzo(g,h,i)perylene	100	1000	100	1.3 U	65 U	**0.35**	**0.064 J**	0.33 U	**10 J**	**2 J**	0.33 U	0.35 U	**0.46 J**	**1.7 J**
Benzo(a)pyrene	1	22	1	1.3 U	**19 J**	**0.32**	**0.15 J**	0.33 U	**18 J**	**5 J**	**0.02 J**	0.35 U	**0.44 J**	**4.4 J**
Chrysene	1	1	3.9	**0.15 J**	**26 J**	**0.36**	**0.19 J**	0.33 U	**10**	**6.2 J**	0.33 U	0.35 U	4.2 UJ	**5.4**
Dibenz(a,h)anthracene	0.33	1000	0.33	1.3 U	65 U	**0.044 J**	0.32 U	0.33 U	**3 J**	6.5 UJ	0.33 U	0.35 U	4.2 UJ	**0.44 J**
Fluoranthene	100	1000	100	**0.17 J**	**48 J**	**0.62**	**0.41**	0.33 U	**10**	**12**	**0.061 J**	**0.045 J**	**0.38 J**	**9.8**
Fluorene	30	386	100	**0.19 J**	**81**	**0.27 J**	**0.39**	0.33 U	**0.47 J**	**14**	**0.05 J**	0.35 U	**0.35 J**	**8.4**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	1.3 U	65 U	**0.34**	0.32 U	0.33 U	**11 J**	**2 J**	0.33 U	0.35 U	**0.41 J**	**1.7 J**
2-Methylnaphthalene	NE	NE	NE	1.3 U	**410**	**2.6**	**4.7**	0.33 UJ	3.2 U	**78**	0.33 U	0.35 U	4.2 U	3.7 U
Naphthalene	12	12	100	1.3 U	**780**	0.31 U	0.32 U	0.33 UJ	3.2 U	**86**	0.33 U	0.35 U	4.2 U	3.7 U
Phenanthrene	100	1000	100	**0.5 J**	**200**	**0.86**	**1.1**	0.33 U	**4.5**	**40**	**0.17 J**	**0.11 J**	4.2 U	**26**
Pyrene	100	1000	100	**0.32 J**	**110**	**0.91**	**0.53**	0.33 U	**12**	**22**	**0.064 J**	**0.044 J**	**0.77 J**	**18**
Total PAHs	NE	NE	NE	**1.995**	**1949.1**	**7.844**	**8.852**	ND	**123.83**	**326.3**	**0.523**	**0.301**	**3.3**	**115.24**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.18 J**	65 U	**0.17 J**	**0.04 J**	**0.066 J**	3.2 U	6.5 U	0.33 U	0.35 U	4.2 UJ	3.7 U
Butyl benzyl phthalate	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 UJ	3.7 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	1.3 U	65 U	**0.064 J**	**0.019 J**	0.33 U	**0.46 J**	**0.64 J**	0.33 U	0.35 U	4.2 U	**0.44 J**
2-Chloronaphthalene	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Dibenzofuran	7	210	59	1.3 U	**9.1 J**	**0.15 J**	**0.12 J**	0.33 UJ	**0.37 J**	**2.3 J**	0.33 U	0.35 U	**0.46 J**	3.7 U
Diethyl phthalate	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Dimethyl phthalate	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
2,4-Dimethylphenol	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Di-n-butyl phthalate	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
2,6-Dinitrotoluene	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Di-n-octyl phthalate	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 UJ	6.5 UJ	0.33 U	0.35 U	4.2 UJ	3.7 UJ
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Phenol	0.33	0.33	100	1.3 U	65 U	0.31 U	0.32 U	0.33 U	3.2 U	6.5 U	0.33 U	0.35 U	4.2 U	3.7 U
Total SVOCs	NE	NE	NE	**2.175**	**1958.2**	**8.228**	**9.031**	**0.066**	**124.66**	**329.24**	**0.523**	**0.301**	**3.76**	**115.68**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	0.021 U	NA	0.02 U	NA	NA	0.02 U	NA	NA	NA	0.027 UJ	NA
Aroclor 1248	NE	NE	NE	0.021 U	NA	0.02 U	NA	NA	0.02 U	NA	NA	NA	0.027 UJ	NA
Aroclor 1254	NE	NE	NE	0.021 U	NA	0.02 U	NA	NA	0.02 U	NA	NA	NA	0.027 UJ	NA
Aroclor 1260	NE	NE	NE	0.021 U	NA	0.02 U	NA	NA	0.02 UJ	NA	NA	NA	0.027 UJ	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	ND	NA	ND	NA	NA	ND	NA	NA	NA	ND	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.0021 U	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0021 U	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0021 UJ	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0021 UJ	NA	0.002 U	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	0.0021 U	NA	0.002 U	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
gamma-Chlordane	NE	NE	NE	0.0021 U	NA	0.002 U	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0041 U	NA	0.0039 U	NA	NA	0.021 U	NA	NA	NA	0.03 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0041 U	NA	0.0039 U	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0041 UJ	NA	0.0039 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Dieldrin	0.005	0.1	0.2	0.0041 UJ	NA	0.0039 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
alpha-Endosulfan (I)	2.4	102	24	0.0021 UJ	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
beta-Endosulfan (II)	2.4	102	24	0.0041 U	NA	0.0039 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
Endosulfan sulfate	2.4	1000	24	0.0041 U	NA	0.0039 U	NA	NA	0.021 U	NA	NA	NA	0.03 U	NA
Endrin	0.014	0.06	11	0.0041 U	NA	0.0039 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
Endrin aldehyde	NE	NE	NE	0.0041 U	NA	0.0039 U	NA	NA	0.021 U	NA	NA	NA	0.03 U	NA
Endrin ketone	NE	NE	NE	0.0041 U	NA	0.0039 U	NA	NA	0.021 U	NA	NA	NA	0.03 U	NA
Heptachlor	0.042	0.38	2.1	0.0021 UJ	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
Heptachlor epoxide	NE	NE	NE	0.0021 UJ	NA	0.002 UJ	NA	NA	0.021 UJ	NA	NA	NA	0.03 UJ	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	0.021 U	NA	0.02 UJ	NA	NA	0.041 UJ	NA	NA	NA	0.058 UJ	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.096 UJ	NA	0.1 UJ	NA	NA	0.1 U	NA	NA	NA	0.14 UJ	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.024 UJ	NA	0.026 UJ	NA	NA	0.025 U	NA	NA	NA	0.035 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.024 UJ	NA	0.026 UJ	NA	NA	0.025 U	NA	NA	NA	0.035 U	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**8560**	**4550**	**9490**	**10900**	**1000**	**4500**	**1290**	**2610**	**1960**	**4230**	**1650**
Antimony	NE	NE	NE	5 UJ	4.9 UJ	4.7 UJ	4.8 UJ	5 UJ	5 UJ	**3.5 J**	4.8 UJ	5.4 UJ	12.5 UJ	5.6 UJ
Arsenic	13	16	16	**4.5 J**	6.3 UJ	**4.7 J**	**10.9 J**	6.3 UJ	**9.2**	**9.9**	6.1 U	6.9 U	15.9 U	**9.3**
Barium	350	820	400	**75.1**	**36.4**	**86.3**	**60.2**	**21.6**	**51**	**20.9 J**	**14 J**	**12.6 J**	**27.1 J**	**28.1 J**
Beryllium	7.2	47	72	**0.46 J**	**0.29 J**	**0.49 J**	**0.53 J**	**0.26 J**	**0.41 J**	**0.17 J**	**0.46 J**	**0.43 J**	**0.36 J**	**0.24 J**
Cadmium	2.5	7.5	4.3	1.5 UJ	1.5 UJ	1.4 UJ	1.4 UJ	1.5 UJ	1.5 U	1.5 U	1.5 UJ	1.6 UJ	3.8 UJ	1.7 U
Calcium	NE	NE	NE	**10800 J**	74.4 UJ	**7250 J**	72 UJ	75 UJ	**4540 J**	**1960 J**	**397 J**	**344 J**	**321000 J**	**3350 J**
Chromium	30	NE	180	**17.2 J**	**14.4 J**	**17.8 J**	**29.5 J**	**9.5 J**	**9.6 J**	**8 J**	**12.2 J**	**10.9 J**	**4.7 J**	**9.5 J**
Cobalt	NE	NE	NE	**6.4**	**5.5**	**7.2**	**4.5**	**0.54 J**	**4.9**	**8.2 J**	**4.2 J**	**4.2 J**	**0.8 J**	**2.4 J**
Copper	50	1720	270	**39.8**	**8.9**	**26.2**	**21.5**	**7.7**	**28.2 J**	**194 J**	**14.2 J**	**13.6 J**	**9.1 J**	**35.1 J**
Iron	NE	NE	NE	**20900 J**	**9620 J**	**21000 J**	**31000 J**	**36300 J**	**13200**	**18700 J**	**29100 J**	**29800 J**	**1980 J**	**6180 J**
Lead	63	450	400	**153 J**	4.5 U	**86.7 J**	**13.3 J**	4.5 UJ	**98.8 J**	**51.9 J**	**4.6 J**	**4.5 J**	**47 J**	**36.2 J**
Magnesium	NE	NE	NE	**5400 J**	**1970 J**	**2390 J**	**3370 J**	**662 J**	**1190 J**	**365 J**	**420 J**	**429 J**	**2150 J**	**161 J**
Manganese	1600	2000	2000	**495**	**112 J**	**493 J**	**172 J**	**280 J**	**90.6**	**274 J**	**296 J**	**330 J**	**237 J**	**29.6 J**
Mercury	0.18	0.73	0.81	**0.23**	**0.0062 J**	**0.18**	**0.015 J**	**0.015 J**	**0.39 J**	**0.065 J**	**0.0061 J**	**0.0061 J**	**0.22 J**	**0.26 J**
Nickel	30	130	310	**14.2**	**12.3**	**13.4**	**13.9**	**1.4 J**	**12.3**	**17**	**5**	**4.7**	**2.7 J**	**7.5**
Potassium	NE	NE	NE	**744 J**	**1210 J**	**1050 J**	**1570 J**	**371 J**	**473 J**	**173 J**	**232 J**	**220 J**	**358 J**	**244 J**
Selenium	3.9	4	180	11.3 UJ	11.2 UJ	10.8 UJ	10.8 UJ	11.3 UJ	11.3 U	11 U	10.9 U	12.3 U	28.3 U	12.7 U
Silver	2	8.3	180	1.5 UJ	1.5 U	1.4 UJ	1.4 UJ	1.5 U	**0.1 J**	**0.15 J**	1.5 U	1.6 U	3.8 U	1.7 U
Sodium	NE	NE	NE	75.4 U	74.4 U	71.9 U	72 U	75 U	**298 J**	**332 J**	**84.2 J**	**85.5 J**	**2140 J**	**248 J**
Thallium	NE	NE	NE	4.5 UJ	4.5 UJ	**1.1 J**	**1.1 J**	4.5 UJ	4.5 U	4.4 U	4.4 U	4.9 U	11.3 U	5.1 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Tin	NE	NE	NE	**4.9**	3.7 U	**23.1**	3.6 U	3.8 U	**7.4**	**28.3**	3.6 U	3.6 U	9.4 U	4.2 U
Vanadium	NE	NE	NE	**30.2 J**	**16.1 J**	**27.6 J**	**40.2 J**	**9.4 J**	**16.1 J**	**17.2 J**	**26.9 J**	**24.2 J**	**7.6 J**	**16.1 J**
Zinc	109	2480	10000	**80.1 J**	**28.3**	**60.5**	**39.5**	7.5 UJ	**496**	**105**	**26.2**	**25.5**	**21.5 J**	**39.2**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.248 U	0.247 U	0.233 U	0.237 U	0.247 U	**0.0478 J**	0.24 UJ	0.244 UJ	0.259 UJ	0.318 UJ	**0.14 J**
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-29 (2-5) 8/18/2009	WW-SB-29 (20-22) 8/18/2009	WW-SB-30 (2-5) 8/18/2009	WW-SB-30 (7-9) 8/18/2009	WW-SB-30 (45-50) 8/20/2009	WW-SB-31 (1-5) 8/26/2009	WW-SB-31 (15-17) 8/26/2009	WW-SB-31 (52-54) 8/27/2009	Duplicate of WW-SB-31 (52-54) 8/27/2009	WW-SB-32 (4-5) 8/27/2009	WW-SB-32 (10-11) 8/27/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.0011 J**	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	**0.019**	**0.02 J**	**0.0082**	0.21 UJ
Toluene	0.7	0.7	100	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	**0.019**	**0.054 J**	**0.011**	0.21 UJ
Ethylbenzene	1	1	41	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	**0.002**	0.13 U	**0.001 J**	0.21 UJ
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	0.0058 U	0.0031 UJ	0.0033 UJ	0.0031 UJ	0.0028 U	0.0048 U	**0.007 J**	**0.074 J**	**0.0032 J**	0.63 UJ
Total BTEX	NE	NE	NE	**0.0011**	ND	ND	ND	ND	ND	**0.047**	**0.148**	**0.0234**	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	0.023 U	0.01 U	0.011 U	0.01 U	0.0093 UJ	**0.13**	0.011 UJ	1.3 UJ	**0.044 J**	2.1 UJ
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	**0.0015 J**	0.0011 U	0.13 U	0.0011 U	**0.062 J**
Chlorobenzene	1.1	1.1	100	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Chloroform (Trichloromethane)	0.37	0.37	49	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
1,1-Dichloroethene	0.33	0.33	100	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
trans-1,2-Dichloroethene	0.19	0.19	100	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
1,2-Dichloropropane	NE	NE	NE	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.012 U	0.01 U	0.011 U	0.01 U	0.0093 U	**0.017**	0.011 U	1.3 U	0.011 U	2.1 UJ
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0058 U	0.01 U	0.011 U	0.01 U	0.0093 U	0.016 U	0.011 U	1.3 U	0.011 U	2.1 UJ
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.023 U	0.001 U	**0.0034**	**0.0018**	0.00093 U	0.0018 U	0.0022 U	0.13 UJ	0.0028 U	0.21 UJ
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	**0.0023**	0.13 U	0.0011 U	0.21 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ

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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Trichloroethene (TCE)	0.47	0.47	21	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0058 U	0.001 U	0.0011 U	0.001 U	0.00093 U	0.0016 U	0.0011 U	0.13 U	0.0011 U	0.21 UJ
Total VOCs	NE	NE	NE	**0.0011**	ND	**0.0034**	**0.0018**	ND	**0.1485**	**0.0493**	**0.148**	**0.0674**	**0.062**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**0.059 J**	0.36 U	0.38 U	0.37 U	0.35 U	**0.12 J**	0.41 U	0.94 U	0.39 U	0.75 UJ
Acenaphthylene	100	107	100	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Anthracene	100	1000	100	**0.018 J**	0.36 U	0.38 U	0.37 U	0.35 U	**0.61**	0.41 U	0.94 U	0.39 U	0.75 UJ
Benzo(a)anthracene	1	1	1	**0.02 J**	0.036 U	0.038 U	0.037 U	0.035 U	**0.98**	0.041 U	0.094 U	0.039 U	**0.11 J**
Benzo(b)fluoranthene	1	1.7	1	0.31 U	**0.061**	0.038 U	0.037 U	0.035 U	**0.66**	0.041 U	0.094 U	0.039 U	0.075 UJ
Benzo(k)fluoranthene	0.8	1.7	3.9	0.31 U	0.036 U	0.038 U	0.037 U	0.035 U	**0.35**	0.041 U	0.094 U	0.039 U	0.075 UJ
Benzo(g,h,i)perylene	100	1000	100	0.31 U	**0.066 J**	0.38 U	0.37 U	0.35 U	**0.36 J**	0.41 U	**0.12 J**	0.39 U	0.75 UJ
Benzo(a)pyrene	1	22	1	0.31 U	**0.069**	0.038 U	0.037 U	0.035 U	**0.76**	0.041 U	0.094 U	0.039 U	0.075 UJ
Chrysene	1	1	3.9	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	**0.98**	0.41 U	0.94 U	0.39 U	**0.12 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.31 U	0.036 U	0.038 U	0.037 U	0.035 U	**0.16**	0.041 U	0.094 U	0.039 U	0.075 UJ
Fluoranthene	100	1000	100	**0.034 J**	0.36 U	0.38 U	0.37 U	0.35 U	**1.3**	0.41 U	0.94 U	0.39 U	0.75 UJ
Fluorene	30	386	100	**0.024 J**	0.36 U	0.38 U	0.37 U	0.35 U	**0.12 J**	0.41 U	0.94 U	0.39 U	0.75 UJ
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.31 U	0.036 U	0.038 U	0.037 U	0.035 U	**0.37**	0.041 U	0.094 U	0.039 U	0.075 UJ
2-Methylnaphthalene	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Naphthalene	12	12	100	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	**0.11 J**	0.41 U	0.94 U	0.39 U	0.75 UJ
Phenanthrene	100	1000	100	**0.074 J**	0.36 U	0.38 U	0.37 U	0.35 U	**0.46 J**	0.41 U	0.94 U	0.39 U	0.75 UJ
Pyrene	100	1000	100	**0.036 J**	**0.12 J**	0.38 U	0.37 U	0.35 U	**1.4**	0.41 U	**0.32 J**	0.39 U	0.75 UJ
Total PAHs	NE	NE	NE	**0.265**	**0.316**	ND	ND	ND	**8.74**	ND	**0.44**	ND	**0.23**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.31 U	**0.2 J**	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Butyl benzyl phthalate	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
2-Chloronaphthalene	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Dibenzofuran	7	210	59	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	**0.083 J**	0.41 UJ	0.94 UJ	0.39 U	0.75 UJ
Diethyl phthalate	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Dimethyl phthalate	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
2,4-Dimethylphenol	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Di-n-butyl phthalate	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
2,6-Dinitrotoluene	NE	NE	NE	0.31 U	0.073 U	0.077 U	0.076 U	0.07 U	0.11 U	0.084 U	0.19 U	0.078 U	0.15 UJ
Di-n-octyl phthalate	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Phenol	0.33	0.33	100	0.31 U	0.36 U	0.38 U	0.37 U	0.35 U	0.54 U	0.41 U	0.94 U	0.39 U	0.75 UJ
Total SVOCs	NE	NE	NE	**0.265**	**0.516**	ND	ND	ND	**8.823**	ND	**0.44**	ND	**0.23**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	0.073 U	NA	NA	0.07 U	NA	0.084 U	NA	NA	0.15 UJ
Aroclor 1248	NE	NE	NE	NA	0.073 U	NA	NA	0.07 U	NA	0.084 U	NA	NA	0.15 UJ
Aroclor 1254	NE	NE	NE	NA	0.073 U	NA	NA	0.07 U	NA	0.084 U	NA	NA	0.15 UJ
Aroclor 1260	NE	NE	NE	NA	0.073 UJ	NA	NA	0.07 U	NA	0.084 UJ	NA	NA	0.15 UJ
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	ND	NA	NA	ND	NA	ND	NA	NA	ND
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 UJ	NA	NA	0.015 UJ
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.0073 UJ	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
gamma-Chlordane	NE	NE	NE	NA	0.0073 U	NA	NA	0.007 U	NA	**0.012**	NA	NA	0.015 UJ
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	0.0073 U	NA	NA	0.007 UJ	NA	**0.098 J**	NA	NA	0.015 UJ
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Dieldrin	0.005	0.1	0.2	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
alpha-Endosulfan (I)	2.4	102	24	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
beta-Endosulfan (II)	2.4	102	24	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Endosulfan sulfate	2.4	1000	24	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Endrin	0.014	0.06	11	NA	0.0073 U	NA	NA	0.007 U	NA	**0.051 J**	NA	NA	0.015 UJ
Endrin aldehyde	NE	NE	NE	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Endrin ketone	NE	NE	NE	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Heptachlor	0.042	0.38	2.1	NA	0.0073 UJ	NA	NA	0.007 U	NA	0.0084 UJ	NA	NA	0.015 UJ
Heptachlor epoxide	NE	NE	NE	NA	0.0073 U	NA	NA	0.007 U	NA	0.0084 U	NA	NA	0.015 UJ
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	0.0073 U	NA	NA	0.007 UJ	NA	**0.18 J**	NA	NA	0.015 UJ
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.019 U	NA	NA	0.018 U	NA	0.021 U	NA	NA	0.039 UJ
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	0.019 U	NA	NA	0.018 U	NA	0.021 U	NA	NA	0.039 UJ
2,4,5-TP (Silvex)	3.8	3.8	100	NA	0.019 UJ	NA	NA	0.018 UJ	NA	0.021 U	NA	NA	0.039 UJ
Metals (mg/kg)													
Aluminum	NE	NE	NE	**5880**	**9950**	**5380**	**2430**	**1080**	**7710**	**4600**	**5720**	**1990**	**6940 J**
Antimony	NE	NE	NE	4.6 UJ	2.1 U	2.2 UJ	2.1 UJ	2 UJ	3.3 UJ	2.5 U	2.6 U	2.3 UJ	4.5 UJ
Arsenic	13	16	16	**2.6 J**	**2.4 J**	**1.6**	**2.7 J**	**4.9**	**7.1**	**11.9**	**73.7**	**3 J**	**11.6 J**
Barium	350	820	400	**31.4 J**	**58.6**	**37.4 J**	**21.1 J**	**10.3 J**	**85.1**	**94.6**	**68.5**	**8.7 J**	**59.1 J**
Beryllium	7.2	47	72	**0.76 J**	**0.3 J**	**0.28 J**	**0.45**	0.4 U	**0.42 J**	**0.34 J**	**0.53**	**0.54**	**0.39 J**
Cadmium	2.5	7.5	4.3	1.4 U	1 UJ	1.1 U	1.1 UJ	1 U	1.6 U	1.2 U	1.3 U	1.1 UJ	2.2 UJ
Calcium	NE	NE	NE	**4630 J**	**11000**	**833 J**	**386 J**	**386 J**	**2500**	**12700**	**2940**	**443 J**	**74700 J**
Chromium	30	NE	180	**16.9 J**	2.1 U	**12.6**	**13**	**3.6**	**19.8**	**9.3**	**8.6**	**9.9**	**13.8 J**
Cobalt	NE	NE	NE	**12 J**	**19.3**	**5.9 J**	**5.9 J**	**1.8 J**	**7.2 J**	**6.4 J**	**6.4 J**	**6.8 J**	**7.9 J**
Copper	50	1720	270	**22.3**	**112**	**12.7**	**15**	**3.3 J**	**57.3**	**87.6**	**28**	**15.9**	**26.2 J**
Iron	NE	NE	NE	**17300 J**	**35000**	**15600**	**58700**	**3960**	**20900**	**10600**	**28900**	**64000**	**21200 J**
Lead	63	450	400	**13**	**12.1**	**5.3**	**4.4 J**	**2.5**	**219**	**189**	**38.5**	**6.5 J**	**65.4 J**
Magnesium	NE	NE	NE	**3210**	**8570**	**1910**	**374 J**	**410 J**	**3090**	**5030**	**5570**	**385 J**	**3890 J**
Manganese	1600	2000	2000	**309 J**	**433**	**209 J**	**423 J**	**68.4 J**	**213 J**	**322**	**602**	**594**	**558 J**
Mercury	0.18	0.73	0.81	**0.015 J**	**0.36**	0.035 U	0.035 U	0.032 U	**3.1**	**0.21**	**0.084**	0.034 U	**0.13 J**
Nickel	30	130	310	**18.6**	**14.1**	**10.6**	**5.2 J**	**4.4 J**	**15.7**	**16.6**	**13.9**	**6.6 J**	**15.9 J**
Potassium	NE	NE	NE	**1150 J**	**2170**	**1000 J**	**156 J**	**280 J**	**1190 J**	**937 J**	**423 J**	**179 J**	**1340 J**
Selenium	3.9	4	180	10.5 U	**3.3 J**	2.2 U	**2.7 J**	2 U	3.3 U	2.5 U	2.6 U	**1.3 J**	4.5 UJ
Silver	2	8.3	180	1.4 U	2.1 U	2.2 U	2.1 U	2 U	3.3 U	2.5 U	2.6 U	2.3 U	4.5 UJ
Sodium	NE	NE	NE	**812 J**	1040 U	**103 J**	**347 J**	996 U	**118 J**	1240 U	1320 U	1130 U	2230 UJ
Thallium	NE	NE	NE	4.2 U	2.1 U	2.2 U	2.1 U	2 U	3.3 U	2.5 U	2.6 U	2.3 U	4.5 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Tin	NE	NE	NE	3.5 U	5.2 U	5.6 U	5.3 U	5 U	**22.4**	**7.1**	6.6 U	5.7 U	11.2 U
Vanadium	NE	NE	NE	**25.9**	**98.9**	**19.4**	**32.4**	**4.7 J**	**22.4**	**19.5**	**26.2**	**27.9**	**30.8 J**
Zinc	109	2480	10000	**54.7**	**69.2**	**25.1**	**33.5**	**6.7**	**164**	**126**	**38.9**	**34.3**	**68.5 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.23 UJ	0.22 U	0.23 U	0.23 U	0.21 U	0.33 U	0.25 U	0.28 U	0.23 U	0.45 UJ
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 5 - N.11th St	Parcel 6								
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-32 (43-44) 8/28/2009	WW-MW-18 (1-2) 10/26/2010	WW-MW-18 (6-7) 10/27/2010	WW-MW-18 (72-73) 10/28/2010	WW-MW-19 (1-2) 10/27/2010	WW-MW-19 (5-6) 11/2/2010	WW-SB-43 (1-2) 10/20/2010	WW-SB-43 (8-8.5) 10/21/2010	WW-SB-43 (44-44.5) 10/21/2010	WW-SB-44 (1-2) 10/18/2010
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**0.031 J**	**0.0036**	**0.029 J**	**430**	**0.032**	**0.035**	**0.073**	**17**	0.0012 U	**0.2**	**0.0031**
Toluene	0.7	0.7	100	**0.081 J**	**0.00056 J**	**0.062 J**	**1000**	**0.016**	**0.014**	**0.015**	**23**	**0.00059 J**	**0.12**	**0.00048 J**
Ethylbenzene	1	1	41	**0.099 J**	**0.0083**	**0.043 J**	**300**	**0.0025**	**0.003**	**0.00052 J**	**68**	**0.00072 J**	**0.089 J**	**0.00023 J**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	**0.44**	**0.0031 J**	**0.14 J**	**1400**	**0.0089 J**	**0.011**	0.0035 UJ	**83**	**0.0013 J**	**0.37**	0.0033 UJ
Total BTEX	NE	NE	NE	**0.651**	**0.01556**	**0.274**	**3130**	**0.0594**	**0.063**	**0.08852**	**191**	**0.00261**	**0.779**	**0.00381**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	1.1 UJ	0.011 U	1.1 UJ	43 UJ	0.011 UJ	**0.022**	0.012 UJ	12 UJ	0.012 U	1.1 UJ	0.011 U
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.11 U	0.0011 U	**0.07 J**	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 UJ	0.0012 UJ	**0.047 J**	**0.00065 J**
Chlorobenzene	1.1	1.1	100	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	**0.00041 J**	0.0012 U	1.2 U	**0.00037 J**	0.11 U	0.0011 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
1,1-Dichloroethene	0.33	0.33	100	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	**0.00075 J**	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.11 U	0.0011 U	**0.081 J**	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	**0.0029**
trans-1,2-Dichloroethene	0.19	0.19	100	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
1,2-Dichloropropane	NE	NE	NE	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	1.1 U	0.011 U	1.1 U	43 U	0.011 U	0.011 U	0.012 U	12 UJ	0.012 U	1.1 U	0.011 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	1.1 U	0.011 U	1.1 U	43 U	0.011 U	0.011 U	0.012 U	12 UJ	0.012 U	1.1 U	0.011 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.11 UJ	0.0011 U	0.11 UJ	4.3 UJ	0.0011 U	**0.00081 J**	0.01 U	1.2 UJ	**0.0019**	0.11 UJ	**0.0031**
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.11 U	0.0011 U	0.11 U	**830**	**0.0021**	**0.0032**	0.0012 U	**0.49 J**	0.0012 U	0.11 U	0.0011 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	**0.00079 J**	1.2 U	0.0012 U	0.11 U	0.0011 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
Trichloroethene (TCE)	0.47	0.47	21	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.11 U	0.0011 U	0.11 U	4.3 U	0.0011 U	0.0011 U	0.0012 U	1.2 U	0.0012 U	0.11 U	**0.0016**
Total VOCs	NE	NE	NE	**0.651**	**0.01556**	**0.425**	**3960**	**0.0615**	**0.09017**	**0.08931**	**191.49**	**0.00488**	**0.826**	**0.01206**
PAHs (mg/kg)														
Acenaphthene	20	98	100	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	**2.6**	0.4 U	0.37 U	0.42 U
Acenaphthylene	100	107	100	0.39 U	0.38 U	1.9 U	**14**	0.4 U	0.39 U	0.4 U	**7.4**	0.4 U	0.37 U	0.42 U
Anthracene	100	1000	100	0.39 U	0.38 U	**0.34 J**	**4.4 J**	0.4 U	0.39 U	**0.095 J**	**3.9**	0.4 U	0.37 U	0.42 U
Benzo(a)anthracene	1	1	1	**0.075**	0.038 U	**0.86**	**3.1**	0.04 U	0.039 U	**0.25**	**2**	0.04 U	**0.061**	0.042 U
Benzo(b)fluoranthene	1	1.7	1	**0.077**	0.038 U	**0.89**	0.95 U	0.04 U	0.039 U	**0.3**	**1.1**	0.04 U	**0.067**	0.042 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.039 U	0.038 U	**0.25**	0.95 U	0.04 U	0.039 U	**0.15**	**0.53**	0.04 U	0.037 U	0.042 U
Benzo(g,h,i)perylene	100	1000	100	0.39 U	0.38 U	**0.88 J**	9.5 U	0.4 U	0.39 U	**0.12 J**	**0.41 J**	0.4 U	**0.11 J**	0.42 U
Benzo(a)pyrene	1	22	1	**0.085**	0.038 U	**0.67**	0.95 U	0.04 U	0.039 U	**0.22**	**1.5**	0.04 U	**0.066**	0.042 U
Chrysene	1	1	3.9	**0.093 J**	0.38 U	**1.1 J**	**2.6 J**	0.4 U	0.39 U	**0.26 J**	**2.2**	0.4 U	**0.11 J**	0.42 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.039 U	0.038 U	**0.26**	0.95 U	0.04 U	0.039 U	0.04 U	0.21 U	0.04 U	**0.028 J**	0.042 U
Fluoranthene	100	1000	100	0.39 U	0.38 U	**1.2 J**	**3.6 J**	0.4 U	0.39 U	**0.49**	**2.8**	0.4 U	0.37 U	0.42 U
Fluorene	30	386	100	0.39 U	0.38 U	1.9 U	**5.8 J**	0.4 U	0.39 U	0.4 U	**5.2**	0.4 U	0.37 U	0.42 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.039 U	0.038 U	**0.81**	0.95 U	0.04 U	0.039 U	**0.12**	**0.34**	0.04 U	**0.075**	0.042 U
2-Methylnaphthalene	NE	NE	NE	0.39 U	0.38 U	1.9 U	**38**	0.4 U	0.39 U	0.4 U	**19**	0.4 U	0.37 U	0.42 U
Naphthalene	12	12	100	0.39 U	0.38 U	1.9 U	**110**	0.4 U	0.39 U	0.4 U	**30**	0.4 U	0.37 U	0.42 U
Phenanthrene	100	1000	100	0.39 U	0.38 U	1.9 U	**15**	0.4 U	0.39 U	**0.44**	**13**	0.4 U	0.37 U	0.42 U
Pyrene	100	1000	100	**0.1 J**	0.38 U	**1.7 J**	**5.6 J**	0.4 U	0.39 U	**0.51**	**5.4**	0.4 U	**0.14 J**	0.42 U
Total PAHs	NE	NE	NE	**0.43**	ND	**8.96**	**202.1**	ND	ND	**2.955**	**97.38**	ND	**0.657**	ND
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	**0.091 J**	0.42 U
Butyl benzyl phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
2-Chloronaphthalene	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Dibenzofuran	7	210	59	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 UJ	0.4 UJ	**0.98 J**	0.4 U	0.37 UJ	0.42 U
Diethyl phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Dimethyl phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
2,4-Dimethylphenol	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Di-n-butyl phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
2,6-Dinitrotoluene	NE	NE	NE	0.079 U	0.078 U	0.39 U	1.9 U	0.081 U	0.08 U	0.081 U	0.44 U	0.081 U	0.076 U	0.086 U
Di-n-octyl phthalate	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 UJ	0.4 U	0.37 U	0.42 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Phenol	0.33	0.33	100	0.39 U	0.38 U	1.9 U	9.5 U	0.4 U	0.39 U	0.4 U	2.1 U	0.4 U	0.37 U	0.42 U
Total SVOCs	NE	NE	NE	**0.43**	ND	**8.96**	**202.1**	ND	ND	**2.955**	**98.36**	ND	**0.748**	ND
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	0.078 U	0.079 U	NA	NA	NA	0.081 U	NA	NA	0.075 U	NA
Aroclor 1248	NE	NE	NE	NA	0.078 U	0.079 U	NA	NA	NA	0.081 U	NA	NA	0.075 U	NA
Aroclor 1254	NE	NE	NE	NA	0.078 U	0.079 U	NA	NA	NA	0.081 U	NA	NA	0.075 U	NA
Aroclor 1260	NE	NE	NE	NA	0.078 U	0.079 U	NA	NA	NA	0.081 UJ	NA	NA	0.075 UJ	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	ND	ND	NA	NA	NA	ND	NA	NA	ND	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 UJ	NA	NA	0.0076 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
gamma-Chlordane	NE	NE	NE	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name				WW-SB-44	WW-SB-44	WW-SB-45	WW-SB-45	WW-SB-45	Duplicate of WW-SB-45	WW-SB-46	WW-SB-46	WW-SB-46	WW-SB-47	WW-SB-47
Sample Depth (feet)	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	(7-8)	(50-51)	(1-2)	(53-54)	(64-64.5)	(64-64.5)	(1.5-2.5)	(33-34)	(60.5-61)	(1-2)	(5-6)
Sample Date				10/19/2010	10/19/2010	10/18/2010	10/20/2010	10/20/2010	10/20/2010	10/21/2010	10/25/2010	10/25/2010	10/22/2010	10/26/2010
Dieldrin	0.005	0.1	0.2	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
alpha-Endosulfan (I)	2.4	102	24	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
beta-Endosulfan (II)	2.4	102	24	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Endosulfan sulfate	2.4	1000	24	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Endrin	0.014	0.06	11	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Endrin aldehyde	NE	NE	NE	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	**0.015**	NA
Endrin ketone	NE	NE	NE	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Heptachlor	0.042	0.38	2.1	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 UJ	NA	NA	0.0076 U	NA
Heptachlor epoxide	NE	NE	NE	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	0.0078 U	0.0079 U	NA	NA	NA	0.0081 U	NA	NA	0.0076 U	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.02 U	0.02 U	NA	NA	NA	0.021 U	NA	NA	0.019 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	0.02 U	0.02 U	NA	NA	NA	0.021 U	NA	NA	0.019 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	0.02 U	0.02 U	NA	NA	NA	0.021 U	NA	NA	0.019 U	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**7400**	**2630**	**5530**	**1580**	**2090**	**1780**	**3830**	**3840**	**3240**	**4160**	**7730**
Antimony	NE	NE	NE	2.2 U	2.3 U	**4.9**	2.2 U	2.2 UJ	2.2 UJ	**1.5 J**	2.4 U	2.2 UJ	2.1 U	2.5 U
Arsenic	13	16	16	**14.2**	**5.1**	**132**	**2.3**	**1.9 J**	**2.1 J**	**37.2**	**1.1 J**	1.1 UJ	**20.8**	**1.7**
Barium	350	820	400	**107**	**16.5 J**	**351**	**9.9 J**	**5.9 J**	**7.3**	**152**	**26.3 J**	**15.1 J**	**97.5**	**49.9**
Beryllium	7.2	47	72	**0.31 J**	**0.52**	**0.37 J**	**0.25 J**	**0.47**	**0.47**	**0.36 J**	**0.35 J**	**0.54**	**0.39 J**	**0.37 J**
Cadmium	2.5	7.5	4.3	**1.1**	**0.53 J**	**2 J**	1.1 U	1.1 UJ	1.1 UJ	**2.4 J**	1.2 UJ	1.1 UJ	**0.27 J**	1.2 U
Calcium	NE	NE	NE	**7550**	**499 J**	**24300**	**413 J**	**299 J**	**261**	**8240**	**1290**	**554 J**	**3470**	**1450**
Chromium	30	NE	180	**48**	**12.7**	**22.4**	**6.1**	**10.1**	**10.3**	**11.2**	**11.1**	**18.9**	**11.4**	**13.4**
Cobalt	NE	NE	NE	**8.8 J**	**9.6 J**	**10.4 J**	**4.4 J**	**8.5 J**	**7.2**	**7.7 J**	**6.9 J**	**11.6**	**6.2 J**	**6.4 J**
Copper	50	1720	270	**53.2**	**16.4**	**264**	**9.7**	**15.9**	**11.9**	**232**	**14.5 J**	**20.8 J**	**127**	**24.3**
Iron	NE	NE	NE	**20600**	**91900**	**44700**	**21700**	**66800**	**55000**	**31600**	**34000**	**69200**	**16700**	**15600**
Lead	63	450	400	**148**	**7.3 J**	**1270**	**3.8**	**5.8 J**	**5.6 J**	**1230**	**4.5 J**	**6.1 J**	**452**	**22.9**
Magnesium	NE	NE	NE	**2940**	**554 J**	**3160**	**609 J**	**355 J**	**316**	**1570**	**1820**	**535 J**	**1560**	**2220**
Manganese	1600	2000	2000	**322**	**942**	**319**	**432**	**486**	**459**	**222**	**128**	**915**	**129**	**452**
Mercury	0.18	0.73	0.81	**0.31**	0.036 U	**1.4**	0.035 U	0.039 U	0.037 U	**5.1**	0.042 U	0.035 U	**0.41**	0.041 U
Nickel	30	130	310	**21.2**	**8.1 J**	**38.4**	**6.3 J**	**8.2 J**	**7**	**19.3**	**10.4**	**9.6**	**12.4**	**12.2**
Potassium	NE	NE	NE	**2090**	**265 J**	**688 J**	**279 J**	**177 J**	**143**	**438 J**	**1040 J**	**286 J**	**614 J**	**1080 J**
Selenium	3.9	4	180	**1.1 J**	**3.4 J**	**3.7 J**	2.2 U	**1.5 J**	**1.9**	**1.5 J**	**4.9 J**	**6.3 J**	**1.5 J**	2.5 U
Silver	2	8.3	180	2.2 U	2.3 U	**0.42 J**	2.2 U	2.2 U	2.2 U	2.4 U	2.4 U	2.2 U	**0.18 J**	2.5 U
Sodium	NE	NE	NE	1120 UJ	1140 U	1140 UJ	1120 U	1110 U	1090 U	1210 U	1220 U	1110 U	1070 U	1230 U
Thallium	NE	NE	NE	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U	2.2 U	2.4 U	2.4 U	2.2 U	2.1 U	2.5 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
Tin	NE	NE	NE	**7**	5.7 U	**107**	5.6 U	5.5 U	5.4 U	**154**	6.1 U	5.5 U	**48.8**	6.2 U
Vanadium	NE	NE	NE	**30.3**	**31.4**	**75.2**	**15.1**	**25.1**	**27.2**	**22**	**23.1**	**39**	**20.4**	**21.8**
Zinc	109	2480	10000	**168**	**45.2**	**859**	**18.8**	**43**	**33.5**	**1080**	**31.5**	**43.3**	**317**	**34.4**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.24 U	0.23 U	0.23 U	0.23 U	0.24 U	0.24 U	0.24 U	0.26 U	0.24 U	0.23 U	0.26 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-44 (7-8) 10/19/2010	WW-SB-44 (50-51) 10/19/2010	WW-SB-45 (1-2) 10/18/2010	WW-SB-45 (53-54) 10/20/2010	WW-SB-45 (64-64.5) 10/20/2010	Duplicate of WW-SB-45 (64-64.5) 10/20/2010	WW-SB-46 (1.5-2.5) 10/21/2010	WW-SB-46 (33-34) 10/25/2010	WW-SB-46 (60.5-61) 10/25/2010	WW-SB-47 (1-2) 10/22/2010	WW-SB-47 (5-6) 10/26/2010
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-47 (66-67) 10/26/2010	Duplicate of WW-SB-47 (66-67) 10/26/2010	WW-SB-48 (1-2) 10/26/2010	WW-SB-48 (7-8) 10/26/2010	WW-SB-48 (65-66) 10/27/2010	WW-SB-49 (1-2) 11/3/2010	Duplicate of WW-SB-49 (1-2) 11/3/2010	WW-SB-49 (9-10) 11/3/2010	WW-SB-49 (84-85) 11/3/2010	WW-SB-50 (1-2) 10/27/2010	WW-SB-50 (5.5-6.5) 11/1/2010
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	0.0011 U	0.001 U	**0.055 J**	**0.016 J**	**0.18**	**0.37 J**	**0.47 J**	**4.7**	0.0011 U	0.0011 U	0.0012 U
Toluene	0.7	0.7	100	0.0011 U	0.001 U	**0.037 J**	0.11 U	**0.12**	**0.41**	**0.45 J**	**0.37 J**	0.0011 U	0.0011 U	0.0012 U
Ethylbenzene	1	1	41	0.0011 U	0.001 U	**0.049 J**	0.11 U	**0.098 J**	**0.42**	**0.86 J**	**4.6**	0.0011 U	0.0011 U	0.0012 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	0.0034 UJ	0.0031 UJ	**0.11 J**	**0.13 J**	**0.33**	**2.2**	**3.9**	**7.4 J**	0.0034 U	0.0033 UJ	0.0036 U
Total BTEX	NE	NE	NE	ND	ND	**0.251**	**0.146**	**0.728**	**3.4**	**5.68**	**17.07**	ND	ND	ND
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	0.011 U	0.01 U	1.1 UJ	1.1 R	1 R	4.1 U	11 UJ	30 U	0.011 U	0.011 U	**0.05**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.0011 U	0.001 U	**0.043 J**	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	1.1	100	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	0.33	100	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NE	NE	NE	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.011 U	0.01 U	1.1 U	1.1 R	1 R	4.1 U	11 UJ	30 U	0.011 U	0.011 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.011 U	0.01 U	1.1 U	1.1 U	1 U	4.1 U	11 UJ	30 U	0.011 U	0.011 U	0.012 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.0011 U	0.001 U	0.11 UJ	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-47 (66-67) 10/26/2010	Duplicate of WW-SB-47 (66-67) 10/26/2010	WW-SB-48 (1-2) 10/26/2010	WW-SB-48 (7-8) 10/26/2010	WW-SB-48 (65-66) 10/27/2010	WW-SB-49 (1-2) 11/3/2010	Duplicate of WW-SB-49 (1-2) 11/3/2010	WW-SB-49 (9-10) 11/3/2010	WW-SB-49 (84-85) 11/3/2010	WW-SB-50 (1-2) 10/27/2010	WW-SB-50 (5.5-6.5) 11/1/2010
Trichloroethene (TCE)	0.47	0.47	21	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0011 U	0.001 U	0.11 U	0.11 U	0.1 U	0.41 U	1.1 U	3 U	0.0011 U	0.0011 U	0.0012 U
Total VOCs	NE	NE	NE	ND	ND	**0.294**	**0.146**	**0.728**	**3.4**	**5.68**	**17.07**	ND	ND	**0.05**
PAHs (mg/kg)														
Acenaphthene	20	98	100	0.39 U	0.38 U	**0.19 J**	0.85 U	0.39 U	**0.33 J**	0.73 U	**0.079 J**	0.41 U	0.41 U	0.4 U
Acenaphthylene	100	107	100	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Anthracene	100	1000	100	0.39 U	0.38 U	**0.24 J**	**0.16 J**	0.39 U	**0.49 J**	**0.51 J**	**0.19 J**	0.41 U	0.41 U	0.4 U
Benzo(a)anthracene	1	1	1	0.039 U	0.038 U	**1.3**	0.085 U	0.039 U	**0.71**	**0.63**	**0.2**	0.041 U	**0.12**	0.04 U
Benzo(b)fluoranthene	1	1.7	1	0.039 U	0.038 U	**1.9**	0.085 U	0.039 U	**0.68**	**0.64**	**0.27**	0.041 U	**0.17**	0.04 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.039 U	0.038 U	**0.81**	0.085 U	0.039 U	**0.32**	**0.22**	**0.14**	0.041 U	0.041 U	0.04 U
Benzo(g,h,i)perylene	100	1000	100	0.39 U	0.38 U	**1.4**	0.85 U	0.39 U	**0.68 J**	**0.56 J**	**0.21 J**	0.41 U	**0.21 J**	0.4 U
Benzo(a)pyrene	1	22	1	0.039 U	0.038 U	**1.8**	0.085 U	0.039 U	**0.74**	**0.58**	**0.23**	0.041 U	**0.19**	0.04 U
Chrysene	1	1	3.9	0.39 U	0.38 U	**1.7**	0.85 U	0.39 U	**1.1 J**	**0.99**	**0.38 J**	0.41 U	**0.16 J**	0.4 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.039 U	0.038 U	**0.35**	0.085 U	0.039 U	**0.18**	**0.15**	**0.1**	0.041 U	0.041 U	0.04 U
Fluoranthene	100	1000	100	0.39 U	0.38 U	**1.3**	**0.2 J**	0.39 U	**0.65 J**	**0.66 J**	**0.16 J**	0.41 U	**0.18 J**	0.4 U
Fluorene	30	386	100	0.39 U	0.38 U	**0.12 J**	0.85 U	0.39 U	**0.34 J**	**0.31 J**	0.55 U	0.41 U	0.41 U	0.4 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.039 U	0.038 U	**1.2**	0.085 U	0.039 U	**0.57**	**0.48**	**0.3**	0.041 U	**0.16**	0.04 U
2-Methylnaphthalene	NE	NE	NE	0.39 U	0.38 U	**0.077 J**	0.85 U	0.39 U	**2.1**	**1.7**	**1.2**	0.41 U	0.41 U	0.4 U
Naphthalene	12	12	100	0.39 U	0.38 U	**0.12 J**	0.85 U	0.39 U	**0.42 J**	0.73 U	**0.23 J**	0.41 U	0.41 U	0.4 U
Phenanthrene	100	1000	100	0.39 U	0.38 U	**0.71**	**0.56 J**	0.39 U	**2.6**	**2.1**	**0.7**	0.41 U	0.41 U	0.4 U
Pyrene	100	1000	100	0.39 U	0.38 U	**1.6**	**0.25 J**	0.39 U	**1.9**	**1.4**	**0.42 J**	0.41 U	**0.24 J**	0.4 U
Total PAHs	NE	NE	NE	ND	ND	**14.817**	**1.17**	ND	**13.81**	**10.93**	**4.809**	ND	**1.43**	ND
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Butyl benzyl phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
2-Chloronaphthalene	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Dibenzofuran	7	210	59	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Diethyl phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Dimethyl phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
2,4-Dimethylphenol	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Di-n-butyl phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
2,6-Dinitrotoluene	NE	NE	NE	0.079 U	0.077 U	0.081 U	0.17 U	0.079 U	0.36 U	0.15 U	0.11 U	0.083 U	0.083 U	0.082 U
Di-n-octyl phthalate	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-47 (66-67) 10/26/2010	Duplicate of WW-SB-47 (66-67) 10/26/2010	WW-SB-48 (1-2) 10/26/2010	WW-SB-48 (7-8) 10/26/2010	WW-SB-48 (65-66) 10/27/2010	WW-SB-49 (1-2) 11/3/2010	Duplicate of WW-SB-49 (1-2) 11/3/2010	WW-SB-49 (9-10) 11/3/2010	WW-SB-49 (84-85) 11/3/2010	WW-SB-50 (1-2) 10/27/2010	WW-SB-50 (5.5-6.5) 11/1/2010
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Phenol	0.33	0.33	100	0.39 U	0.38 U	0.4 U	0.85 U	0.39 U	1.8 U	0.73 U	0.55 U	0.41 U	0.41 U	0.4 U
Total SVOCs	NE	NE	NE	ND	ND	**14.817**	**1.17**	ND	**13.81**	**10.93**	**4.809**	ND	**1.43**	ND
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	0.081 U	NA	NA	0.073 U	0.074 U	NA	NA	0.083 U	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.081 U	NA	NA	0.073 U	0.074 U	NA	NA	0.083 U	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.081 U	NA	NA	0.073 U	0.074 U	NA	NA	0.083 U	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.081 UJ	NA	NA	0.073 U	0.074 U	NA	NA	0.083 U	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	ND	ND	NA	NA	ND	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
gamma-Chlordane	NE	NE	NE	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA

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Dieldrin	0.005	0.1	0.2	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Endrin	0.014	0.06	11	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Endrin aldehyde	NE	NE	NE	NA	NA	**0.013**	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	0.0081 U	NA	NA	0.0073 U	0.0074 U	NA	NA	0.0083 UJ	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.021 U	NA	NA	0.018 UJ	0.019 UJ	NA	NA	0.021 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.021 U	NA	NA	0.018 U	0.019 U	NA	NA	0.021 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.021 UJ	NA	NA	0.018 UJ	0.019 UJ	NA	NA	0.021 UJ	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**4500**	**3440**	**4840**	**5590**	**3030**	**775**	**681**	**6240**	**755**	**7690**	**4450**
Antimony	NE	NE	NE	2.3 U	11.3 U	2.4 U	2.4 UJ	2.3 UJ	**3.9 J**	**2.2 J**	3.3 UJ	2.4 UJ	2.3 UJ	2.4 UJ
Arsenic	13	16	16	**2.3**	5.6 U	**23.5**	**2.3**	**1.7**	**38.4 J**	**21 J**	**36.3**	1.2 U	**16.9**	**1.8**
Barium	350	820	400	**23.6 J**	45.1 U	**76.1**	**47.9 J**	**31.9 J**	**69.6**	**51.4**	**269**	**14.2 J**	**127**	**39 J**
Beryllium	7.2	47	72	0.45 U	**0.87**	**0.25 J**	**0.31 J**	**0.25 J**	0.43 U	0.41 U	**0.53 J**	**0.31 J**	**0.32 J**	**0.26 J**
Cadmium	2.5	7.5	4.3	1.1 U	5.6 U	**0.43 J**	1.2 U	1.2 U	1.1 U	1 U	1.6 U	1.2 U	**0.89 J**	**0.63 J**
Calcium	NE	NE	NE	**770 J**	**450 J**	**41200**	**4500 J**	**6140 J**	**669 J**	**465 J**	**6430**	**273 J**	**6500 J**	**1210**
Chromium	30	NE	180	**10.9 J**	**18.3 J**	**10.5**	**15.6**	**8.4**	**8.8**	**7.5**	**14.9**	**1.7 J**	**19.4**	**12.7**
Cobalt	NE	NE	NE	**7.3 J**	**12**	**5.4 J**	**6.8 J**	**3.7 J**	**1.8 J**	**1.6 J**	**7 J**	12 U	**9.6 J**	**7.4 J**
Copper	50	1720	270	**8.4 J**	5.6 U	**45.8**	**17.3**	**10.4**	**16.6**	**14.8**	**783**	**28**	**75.3**	**19.4**
Iron	NE	NE	NE	**8210**	**118000 J**	**15900**	**20400**	**11500**	**7740 J**	**4030 J**	**33800**	**329**	**24100**	**18600**
Lead	63	450	400	**3.8 J**	**11.5 J**	**229**	**43.6**	**4.3**	**130 J**	**75.3 J**	**812**	**4.6**	**436**	**11.1**
Magnesium	NE	NE	NE	**1380**	**521 J**	**2680**	**1910**	**3070**	**132 J**	**101 J**	**2460**	**85.7 J**	**3030**	**1580**
Manganese	1600	2000	2000	**222 J**	**685 J**	**267**	**521 J**	**161 J**	**48.8 J**	**15.7 J**	**213 J**	**7 J**	**281 J**	**443 J**
Mercury	0.18	0.73	0.81	0.039 U	0.033 U	**0.53**	**0.086**	0.039 U	**0.71 J**	**0.15 J**	**1.2**	0.04 U	**0.85**	0.036 U
Nickel	30	130	310	**7.9 J**	**12.3**	**11.9**	**12.9**	**10.2**	**5.5 J**	**5 J**	**18.3**	**2 J**	**20.8**	**10.3**
Potassium	NE	NE	NE	**447 J**	**223 J**	**900 J**	**857 J**	**787 J**	**141 J**	**158 J**	**612 J**	1200 U	**2040**	**839 J**
Selenium	3.9	4	180	2.3 UJ	**7.2 J**	**1.2 J**	**1.4 J**	2.3 U	**2 J**	**1.9 J**	**4**	2.4 U	**2.5**	2.4 U
Silver	2	8.3	180	2.3 U	2.3 U	2.4 U	2.4 U	2.3 U	2.2 U	2 U	**2.5 J**	2.4 U	2.3 U	2.4 U
Sodium	NE	NE	NE	1130 U	**573 J**	1210 U	**116 J**	**1460**	**75.6 J**	**76.6 J**	**452 J**	**336 J**	**108 J**	**98.5 J**
Thallium	NE	NE	NE	2.3 U	2.3 U	2.4 U	2.4 U	2.3 U	2.2 U	2 U	3.3 U	2.4 U	2.3 U	2.4 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
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Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-47 (66-67) 10/26/2010	Duplicate of WW-SB-47 (66-67) 10/26/2010	WW-SB-48 (1-2) 10/26/2010	WW-SB-48 (7-8) 10/26/2010	WW-SB-48 (65-66) 10/27/2010	WW-SB-49 (1-2) 11/3/2010	Duplicate of WW-SB-49 (1-2) 11/3/2010	WW-SB-49 (9-10) 11/3/2010	WW-SB-49 (84-85) 11/3/2010	WW-SB-50 (1-2) 10/27/2010	WW-SB-50 (5.5-6.5) 11/1/2010
Tin	NE	NE	NE	5.7 U	5.6 U	**33.9**	6.1 U	5.8 U	**20.9**	**14.2**	**54.7**	6 U	**23.3**	5.9 U
Vanadium	NE	NE	NE	**11.1 J**	**52.1 J**	**22.1**	**25.7**	**13.1**	**5.9 J**	**4.7 J**	**36.9**	**17.4**	**38.3**	**21.2**
Zinc	109	2480	10000	**36.9 J**	**61.8 J**	**474**	**41.3**	**13.5**	**85.1 J**	**50.2 J**	**592**	**36.4**	**456**	**114**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.24 U	0.23 U	0.24 U	0.26 U	0.24 U	0.22 U	0.22 U	0.33 U	0.25 U	0.25 U	0.25 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 6										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-47 (66-67) 10/26/2010	Duplicate of WW-SB-47 (66-67) 10/26/2010	WW-SB-48 (1-2) 10/26/2010	WW-SB-48 (7-8) 10/26/2010	WW-SB-48 (65-66) 10/27/2010	WW-SB-49 (1-2) 11/3/2010	Duplicate of WW-SB-49 (1-2) 11/3/2010	WW-SB-49 (9-10) 11/3/2010	WW-SB-49 (84-85) 11/3/2010	WW-SB-50 (1-2) 10/27/2010	WW-SB-50 (5.5-6.5) 11/1/2010
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	0.0011 U	**0.02**	0.0011 U	0.00098 U	**0.48 J**	0.0054 U	**0.15**	0.0062 U	0.0056 U	0.0057 U	0.58 U
Toluene	0.7	0.7	100	0.0011 U	**0.0073**	0.0011 U	0.00098 U	**0.3 J**	0.0054 U	**0.097 J**	0.0062 UJ	0.0056 U	**0.029**	0.58 U
Ethylbenzene	1	1	41	0.0011 U	**0.00037 J**	0.0011 U	**0.00022 J**	**0.83 J**	0.0054 U	**0.097 J**	0.0062 U	0.0056 U	**0.0045 J**	0.58 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	0.0034 U	0.0032 UJ	0.0033 UJ	0.0029 UJ	**4.4 J**	0.0054 U	**0.26 J**	0.0062 U	0.0056 U	**0.019**	0.58 U
Total BTEX	NE	NE	NE	ND	**0.02767**	ND	**0.00022**	**6.01**	ND	**0.604**	ND	ND	**0.0525**	ND
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	**0.035**	0.011 UJ	**0.04 J**	0.0098 U	0.78 U	0.022 U	1 R	**0.049**	0.022 U	0.023 U	1.4 U
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 UJ	0.0056 U	0.0057 U	0.58 U
Chlorobenzene	1.1	1.1	100	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
1,1-Dichloroethene	0.33	0.33	100	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
1,2-Dichloropropane	NE	NE	NE	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.011 U	0.011 U	0.011 U	0.0098 U	0.31 U	0.011 U	1 R	0.012 U	0.011 U	0.011 U	0.58 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.011 U	0.011 U	0.011 U	0.0098 U	0.31 U	0.0054 U	1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	0.0011 U	0.0026 U	0.0021 U	**0.0014**	0.31 U	0.022 U	0.1 U	0.025 UJ	0.022 UJ	0.023 U	0.58 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
Trichloroethene (TCE)	0.47	0.47	21	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.0011 U	0.0011 U	0.0011 U	0.00098 U	0.31 U	0.0054 U	0.1 U	0.0062 U	0.0056 U	0.0057 U	0.58 U
Total VOCs	NE	NE	NE	**0.035**	**0.02767**	**0.04**	**0.00162**	**6.01**	ND	**0.604**	**0.049**	ND	**0.0525**	ND
PAHs (mg/kg)														
Acenaphthene	20	98	100	2.2 U	0.39 U	0.39 U	0.38 U	**5.3**	0.36 U	**0.59**	**0.18 J**	0.3 U	**0.054 J**	0.31 U
Acenaphthylene	100	107	100	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	**0.091 J**	0.33 U	0.3 U	**0.068 J**	0.31 U
Anthracene	100	1000	100	2.2 U	0.39 U	0.39 U	0.38 U	**10**	0.36 U	**0.72**	**0.38**	0.3 U	**0.17 J**	0.31 U
Benzo(a)anthracene	1	1	1	**0.16 J**	0.039 U	0.039 U	**0.23**	**8.1**	0.036 U	**0.86**	**1.1**	0.3 U	**0.74**	0.31 U
Benzo(b)fluoranthene	1	1.7	1	**0.21 J**	0.039 U	0.039 U	**0.28**	**4.5**	0.036 U	**0.7**	**0.26 J**	0.3 U	**0.92**	0.31 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.22 U	0.039 U	0.039 U	**0.11**	**1.1**	0.036 U	**0.21**	**0.056 J**	0.3 U	**0.38**	0.31 U
Benzo(g,h,i)perylene	100	1000	100	**2.1 J**	0.39 U	0.39 U	**0.28 J**	**9.4**	0.36 U	**1.1**	**0.47**	0.3 U	**0.76**	0.31 U
Benzo(a)pyrene	1	22	1	**0.086 J**	0.039 U	0.039 U	**0.3**	**8.8**	0.036 U	**0.78**	**0.79**	0.3 U	**0.96**	0.31 U
Chrysene	1	1	3.9	**0.68 J**	0.39 U	0.39 U	**0.27 J**	**11**	0.36 U	**0.94**	**1.1**	0.3 U	**0.75**	0.31 U
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.23**	0.039 U	0.039 U	**0.051**	**1.4**	0.036 U	**0.19**	**0.34 J**	0.3 UJ	**0.44**	0.31 U
Fluoranthene	100	1000	100	2.2 U	0.39 U	0.39 U	**0.33 J**	**13**	0.36 U	**1.6**	**0.3 J**	0.3 U	**1.1**	0.31 U
Fluorene	30	386	100	2.2 U	0.39 U	0.39 U	0.38 U	**6.1**	0.36 U	**0.83**	**0.26 J**	0.3 U	**0.044 J**	**0.019 J**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**0.4**	0.039 U	0.039 U	**0.23**	**4.7**	0.036 U	**0.57**	**0.17 J**	0.3 U	**0.85**	0.31 U
2-Methylnaphthalene	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	**0.63 J**	0.36 U	**0.16 J**	0.33 U	0.3 U	**0.04 J**	0.31 U
Naphthalene	12	12	100	2.2 U	0.39 U	**0.12 J**	0.38 U	**0.62 J**	0.36 U	**0.1 J**	0.33 U	0.3 U	0.31 U	0.31 U
Phenanthrene	100	1000	100	2.2 U	0.39 U	0.39 U	**0.079 J**	**35**	0.36 U	**2.2**	**1**	0.3 U	**0.67**	0.31 U
Pyrene	100	1000	100	**0.67 J**	0.39 U	0.39 U	**0.25 J**	**24**	0.36 U	**1.3**	**1.5**	0.3 U	**1**	0.31 U
Total PAHs	NE	NE	NE	**4.536**	ND	**0.12**	**2.41**	**143.65**	ND	**12.941**	**7.906**	ND	**8.946**	**0.019**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	**0.23 J**	**0.45**	0.3 U	0.31 U	0.31 U
Butyl benzyl phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	**0.082 J**	0.31 U
2-Chloronaphthalene	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Dibenzofuran	7	210	59	2.2 U	0.39 UJ	0.39 U	0.38 U	2.1 U	0.36 U	**0.5**	**0.077 J**	0.3 U	**0.04 J**	0.31 U
Diethyl phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Dimethyl phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
2,4-Dimethylphenol	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Di-n-butyl phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
2,6-Dinitrotoluene	NE	NE	NE	0.44 U	0.079 U	0.08 U	0.077 U	0.42 U	0.073 U	0.077 U	0.33 U	0.3 U	0.31 U	0.31 U
Di-n-octyl phthalate	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Phenol	0.33	0.33	100	2.2 U	0.39 U	0.39 U	0.38 U	2.1 U	0.36 U	0.38 U	0.33 U	0.3 U	0.31 U	0.31 U
Total SVOCs	NE	NE	NE	**4.536**	ND	**0.12**	**2.41**	**143.65**	ND	**13.671**	**8.433**	ND	**9.068**	**0.019**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
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Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	0.088 U	NA	NA	0.077 U	NA	NA	0.077 U	NA	NA	0.019 U	NA
Aroclor 1248	NE	NE	NE	0.088 U	NA	NA	0.077 U	NA	NA	0.077 U	NA	NA	0.019 U	NA
Aroclor 1254	NE	NE	NE	0.088 U	NA	NA	0.077 U	NA	NA	0.077 U	NA	NA	0.019 U	NA
Aroclor 1260	NE	NE	NE	0.088 U	NA	NA	**0.021 J**	NA	NA	**0.019 J**	NA	NA	0.019 U	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	ND	NA	NA	**0.021**	NA	NA	**0.019**	NA	NA	ND	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	0.0088 U	NA	NA	**0.0046 J**	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
gamma-Chlordane	NE	NE	NE	0.0088 U	NA	NA	**0.0048 J**	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 UJ	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA

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Location				Parcel 6									Adjacent to Parcel 6 - Kent Ave	
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
Dieldrin	0.005	0.1	0.2	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
alpha-Endosulfan (I)	2.4	102	24	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
beta-Endosulfan (II)	2.4	102	24	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
Endosulfan sulfate	2.4	1000	24	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
Endrin	0.014	0.06	11	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
Endrin aldehyde	NE	NE	NE	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
Endrin ketone	NE	NE	NE	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0038 U	NA
Heptachlor	0.042	0.38	2.1	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
Heptachlor epoxide	NE	NE	NE	0.0088 U	NA	NA	0.0077 U	NA	NA	0.0077 U	NA	NA	0.0019 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	0.0088 U	NA	NA	0.0077 UJ	NA	NA	0.0077 UJ	NA	NA	0.019 UJ	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.022 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA	0.098 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.022 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA	0.024 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	0.022 U	NA	NA	0.02 UJ	NA	NA	0.02 UJ	NA	NA	0.024 U	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**5880**	**6430**	**2160**	**7000**	**2570**	**5200**	**4510**	**9460**	**4310**	**5950**	**6680**
Antimony	NE	NE	NE	2.5 U	2.3 U	2.3 UJ	2.3 UJ	2.5 UJ	2.1 UJ	2.3 UJ	4.9 U	4.4 U	4.5 UJ	4.7 UJ
Arsenic	13	16	16	**9.9**	**2.4**	**1.7 J**	**2.6**	**24.4**	**1.7**	**64.9**	**4.3 J**	5.6 U	5.7 UJ	5.9 U
Barium	350	820	400	**55.5**	**53.2**	**9.8 J**	**67.9**	**42.6 J**	**41.1 J**	**103**	**48.5**	**16.1**	**67.7**	**33.4**
Beryllium	7.2	47	72	**0.54**	**0.43 J**	**0.46**	**0.2 J**	0.49 U	**0.32 J**	**0.25 J**	**0.46 J**	**0.22 J**	**0.5 J**	**0.45 J**
Cadmium	2.5	7.5	4.3	**0.29 J**	1.2 U	1.1 UJ	**0.52 J**	1.2 U	1 U	**0.94 J**	1.5 U	1.3 U	**0.32 J**	1.4 U
Calcium	NE	NE	NE	**16400**	**748 J**	**255 J**	**47900 J**	**13100 J**	**6300 J**	**6320 J**	**1150**	**805**	**4320 J**	**796 J**
Chromium	30	NE	180	**8.8**	**14.9**	**12.4 J**	**14.6**	**5.5**	**13.4**	**12.2**	**17.1**	**10.9**	**13.9 J**	**12 J**
Cobalt	NE	NE	NE	**14.9**	**7.3 J**	**6.8 J**	**4.2 J**	**5.3 J**	**5.9 J**	**6.3 J**	**6.6**	**4.2**	**5.9**	**4.8**
Copper	50	1720	270	**49**	**14.4**	**13.6**	**23.1**	**15.1**	**11.2**	**95.3**	**13**	**5.7**	**29.6**	**10.3 J**
Iron	NE	NE	NE	**12400**	**17200**	**48600**	**10400**	**10900**	**13500**	**20900**	**17300**	**9450**	**20000**	**15700**
Lead	63	450	400	**18**	**8.7**	**7.3 J**	**42.4**	**14.9**	**4.8**	**504**	**11.6**	**2.5 J**	**179**	4.2 U
Magnesium	NE	NE	NE	**6050**	**2350**	**442 J**	**7670**	**863 J**	**5140**	**1870**	**2500**	**1930**	**1880 J**	**2100 J**
Manganese	1600	2000	2000	**158**	**264**	**342**	**190 J**	**63 J**	**277 J**	**153 J**	**316**	**69.2**	**401**	**199**
Mercury	0.18	0.73	0.81	**0.042**	0.034 U	0.034 U	**0.073**	**0.039**	0.033 U	**1.9**	0.062 U	0.049 U	**0.63**	**0.0099 J**
Nickel	30	130	310	**23.2**	**13.4**	**6.6 J**	**11.2**	**12.2**	**12**	**21.4**	**13.6**	**11.2**	**12.4**	**11.1**
Potassium	NE	NE	NE	**2350**	**981 J**	**205 J**	**1150**	**548 J**	**1730**	**408 J**	**1030**	**952**	**690 J**	**723 J**
Selenium	3.9	4	180	2.5 U	2.3 U	2.3 U	2.3 U	**1.7 J**	2.1 U	**2.3**	11.2 U	10.1 U	**4.4 J**	10.6 U
Silver	2	8.3	180	2.5 U	2.3 U	2.3 U	2.3 U	2.5 U	2.1 U	2.3 U	1.5 U	1.3 U	**0.12 J**	1.4 U
Sodium	NE	NE	NE	1250 UJ	1160 U	1130 U	**273 J**	**167 J**	**480 J**	**136 J**	**50.8 J**	**169**	68.2 UJ	70.5 U
Thallium	NE	NE	NE	2.5 U	2.3 U	2.3 U	2.3 U	2.5 U	2.1 U	2.3 U	4.5 U	4 U	4.1 UJ	4.2 UJ

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-51 (1-2) 10/19/2010	WW-SB-51 (6-9) 10/21/2010	WW-SB-51 (52.5-53) 10/21/2010	WW-SB-52 (2-3) 10/27/2010	WW-SB-52 (9.5-10) 10/29/2010	WW-SB-52 (67.5-68.5) 10/29/2010	WW-SB-53 (1-2) 10/27/2010	WW-SB-53 (7.5-8) 12/8/2010	WW-SB-53 (24.5-25) 12/8/2010	WW-MW-16 (2-3.5) 7/27/2009	WW-MW-16 (20-21) 8/10/2009
Tin	NE	NE	NE	6.3 U	5.8 U	5.7 U	5.6 U	6.2 U	5.2 U	**48.2**	3.7 U	3.4 U	**8.1**	3.5 U
Vanadium	NE	NE	NE	**33.4**	**24.5**	**32.3**	**20.2**	**13.7**	**17.9**	**156**	**23.5**	**12.3**	**19.3**	**17.5 J**
Zinc	109	2480	10000	**132**	**34.3**	**34.8**	**52.3**	**572**	**27.9**	**474**	**42.9**	**20.7**	**113**	**33.1 J**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.26 U	0.23 U	0.24 U	0.23 U	0.25 U	0.22 U	0.23 U	0.25 U	0.22 U	0.227 U	0.229 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - Kent Ave						Adjacent to Parcel 6 - N.12th St				
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-MW-16 (20-21) 8/10/2009	WW-MW-16 (38-40) 8/10/2009	WW-SB-18 (3.5-4.5) 7/27/2009	WW-SB-18 (9-10) 8/7/2009	Duplicate of WW-SB-18 (9-10) 8/7/2009	WW-SB-18 (51-53) 8/7/2009	WW-SB-242 (0-5) 7/27/2022	WW-SB-242 (8-14) 9/22/2022	WW-SB-242 (25-30) 9/27/2022	WW-SB-243 (0-5) 7/27/2022	WW-SB-243 (10-15) 9/23/2022
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	**0.0021 J**	**0.0332 J**	0.0024 U	0.0032 U	**0.0008 J**
Toluene	0.7	0.7	100	0.59 U	**0.0012 J**	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	**0.0498 J**	**0.0008 J**	0.0032 U	0.0019 U
Ethylbenzene	1	1	41	0.59 U	0.0061 U	**0.0034 J**	0.61 U	0.03 U	0.0058 U	**0.0026 J**	**0.102 J**	**0.0009 J**	0.0032 U	0.0019 U
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**0.001 J**	**0.0913 J**	0.0024 U	0.0032 U	0.0019 U
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**0.0041 J**	**0.152 J**	0.0048 U	0.0064 U	0.0038 U
Total Xylene	0.26	1.6	100	0.59 U	0.0061 U	**0.019**	0.61 U	0.03 U	0.0058 U	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	**0.0012**	**0.0224**	ND	ND	ND	**0.0098**	**0.4283**	**0.0017**	ND	**0.0008**
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	1.5 U	0.024 UJ	0.023 U	1.5 U	0.12 U	0.023 U	**0.0328 J**	3.46 UJ	0.0241 UJ	0.0321 U	**0.0136 J**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	**0.0281**	**0.528 J**	0.0024 U	0.0032 U	**0.0012 J**
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	**0.0648**	**1.95 J**	0.0024 U	0.0032 U	**0.0007 J**
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	**0.0594**	**0.448 J**	0.0024 U	0.0032 U	0.0019 U
Carbon disulfide	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	**0.0014 J**	**0.0553 J**	0.0024 U	0.0032 U	**0.0012 J**
Chlorobenzene	1.1	1.1	100	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	**0.0012 J**	0.0032 U	0.0019 U
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	**0.0027**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0071**	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0029 U	0.83 UJ	0.0024 U	0.0032 UJ	0.0019 U
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,1-Dichloroethane	0.27	0.27	26	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,1-Dichloroethene	0.33	0.33	100	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,2-Dichloropropane	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0558**	**1.46 J**	0.0024 U	0.0032 U	**0.0014 J**
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0029 U	**0.882 J**	0.0024 U	0.0032 U	0.0019 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.59 U	0.012 U	0.012 U	0.61 U	0.061 U	0.012 U	0.0287 U	3.46 UJ	0.0241 U	0.0321 U	0.019 UJ
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	**0.0017 J**
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0287 U	1.38 UJ	0.0241 U	0.0321 U	0.019 U
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	**37.1**	0.138 UJ	0.0024 U	0.0032 U	**0.0079**
Methylene chloride	0.05	0.05	100	0.59 U	0.024 U	0.023 U	0.61 U	0.12 U	0.023 U	0.0144 U	0.691 UJ	0.012 U	0.016 U	0.0095 U
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	**0.0086**	**0.315 J**	**0.0168**	0.0032 U	**0.0028 J**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	**0.0753**	**0.221 J**	0.0024 U	0.0032 U	**0.0008 J**
Styrene	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	**0.0007 J**
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	**0.0009 J**
Tetrachloroethene (PCE)	1.3	1.3	19	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0029 U	NA	0.0024 U	0.0032 U	0.0019 U
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,1,2-Trichloroethane	NE	NE	NE	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - Kent Ave						Adjacent to Parcel 6 - N.12th St				
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-MW-16 (20-21) 8/10/2009	WW-MW-16 (38-40) 8/10/2009	WW-SB-18 (3.5-4.5) 7/27/2009	WW-SB-18 (9-10) 8/7/2009	Duplicate of WW-SB-18 (9-10) 8/7/2009	WW-SB-18 (51-53) 8/7/2009	WW-SB-242 (0-5) 7/27/2022	WW-SB-242 (8-14) 9/22/2022	WW-SB-242 (25-30) 9/27/2022	WW-SB-243 (0-5) 7/27/2022	WW-SB-243 (10-15) 9/23/2022
Trichloroethene (TCE)	0.47	0.47	21	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0029 U	0.138 UJ	0.0024 U	0.0032 U	0.0019 U
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	**0.004**	**0.116 J**	0.0024 U	0.0032 U	**0.0012 J**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	**0.0014 J**	**0.0277 J**	0.0024 U	0.0032 U	0.0019 U
Vinyl chloride	0.02	0.02	0.9	0.59 U	0.0061 U	0.0058 U	0.61 U	0.03 U	0.0058 U	0.0057 U	0.138 UJ	0.0048 U	0.0064 U	0.0038 U
Total VOCs	NE	NE	NE	ND	**0.0012**	**0.0224**	ND	ND	ND	**37.4485**	**6.4313**	**0.0197**	ND	**0.0376**
PAHs (mg/kg)														
Acenaphthene	20	98	100	0.31 U	0.32 U	0.31 U	0.33 U	**0.022 J**	**0.075 J**	**0.123 J**	**2.37**	0.309 U	0.279 U	**0.0273 J**
Acenaphthylene	100	107	100	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.0427 J**	**0.99 J**	**0.0218 J**	0.279 U	0.31 U
Anthracene	100	1000	100	**0.038 J**	0.32 U	0.31 U	**0.052 J**	**0.061 J**	0.3 U	**0.236 J**	**2.41**	0.309 U	0.279 U	0.31 U
Benzo(a)anthracene	1	1	1	0.31 U	0.32 U	0.31 U	**0.091 J**	**0.1 J**	0.3 U	**0.302**	**2.33**	0.309 U	0.279 U	0.31 U
Benzo(b)fluoranthene	1	1.7	1	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.197 J**	**1.52**	0.309 U	0.279 U	0.31 U
Benzo(k)fluoranthene	0.8	1.7	3.9	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.2 J**	**0.759 J**	0.309 U	0.279 U	0.31 U
Benzo(g,h,i)perylene	100	1000	100	0.31 U	0.32 U	0.31 U	0.33 U	**0.032 J**	0.3 U	**0.12 J**	**0.757 J**	0.309 U	**0.0243 J**	0.31 U
Benzo(a)pyrene	1	22	1	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.255 J**	**1.88**	0.309 U	**0.0266 J**	0.31 U
Chrysene	1	1	3.9	0.31 U	0.32 U	0.31 U	**0.083 J**	**0.11 J**	0.3 U	**0.291**	**2.62**	0.309 U	0.279 U	0.31 U
Dibenz(a,h)anthracene	0.33	1000	0.33	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	**0.221 J**	0.309 U	0.279 U	0.31 U
Fluoranthene	100	1000	100	0.31 U	0.32 U	0.31 U	**0.055 J**	**0.055 J**	0.3 U	**0.93**	**4**	0.309 U	0.279 U	0.31 U
Fluorene	30	386	100	**0.051 J**	0.32 U	0.31 U	**0.033 J**	**0.044 J**	0.3 U	**0.185 J**	**0.162 J**	0.309 U	0.279 U	0.31 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.148 J**	**0.764 J**	0.309 U	**0.0238 J**	0.31 U
2-Methylnaphthalene	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	**0.024 J**	**0.16 J**	**0.08 J**	1.2 U	0.309 U	0.279 U	0.31 U
Naphthalene	12	12	100	0.31 U	0.32 U	0.31 U	**0.017 J**	**0.027 J**	**0.79**	**0.0547 J**	**0.724 J**	0.309 U	0.279 U	0.31 U
Phenanthrene	100	1000	100	**0.16 J**	0.32 U	0.31 U	**0.15 J**	**0.15 J**	0.3 U	**0.833**	**0.353 J**	0.309 U	0.279 U	0.31 U
Pyrene	100	1000	100	0.31 U	0.32 U	0.31 U	**0.21 J**	**0.23 J**	0.3 U	**0.782**	**5.58**	0.309 U	**0.0216 J**	0.31 U
Total PAHs	NE	NE	NE	**0.249**	ND	ND	**0.691**	**0.855**	**1.025**	**4.7794**	**27.44**	**0.0218**	**0.0963**	**0.0273**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0284 U	0.12 U	0.0309 U	0.0279 U	0.031 U
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.0494 J**	1.2 UJ	0.309 UJ	0.279 U	0.31 U
Butyl benzyl phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	**0.167 J**	0.309 U	0.279 U	0.31 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Carbazole	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
2-Chloronaphthalene	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Dibenzofuran	7	210	59	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	**0.112 J**	**0.173 J**	0.309 U	0.279 U	0.31 U
Diethyl phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Dimethyl phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
2,4-Dimethylphenol	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Di-n-butyl phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
2,6-Dinitrotoluene	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Di-n-octyl phthalate	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.569 U	2.4 U	0.619 U	0.558 U	0.621 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.08 J**	1.2 U	0.309 U	0.279 U	0.31 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - Kent Ave						Adjacent to Parcel 6 - N.12th St				
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-MW-16 (20-21) 8/10/2009	WW-MW-16 (38-40) 8/10/2009	WW-SB-18 (3.5-4.5) 7/27/2009	WW-SB-18 (9-10) 8/7/2009	Duplicate of WW-SB-18 (9-10) 8/7/2009	WW-SB-18 (51-53) 8/7/2009	WW-SB-242 (0-5) 7/27/2022	WW-SB-242 (8-14) 9/22/2022	WW-SB-242 (25-30) 9/27/2022	WW-SB-243 (0-5) 7/27/2022	WW-SB-243 (10-15) 9/23/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	0.3 U	0.284 U	1.2 U	0.309 U	0.279 U	0.31 U
Phenol	0.33	0.33	100	0.31 U	0.32 U	0.31 U	0.33 U	0.32 U	**0.046 J**	0.284 U	1.2 UJ	0.309 UJ	0.279 U	0.31 U
Total SVOCs	NE	NE	NE	**0.249**	ND	ND	**0.691**	**0.855**	**1.071**	**4.9408**	**27.78**	**0.0218**	**0.0963**	**0.0273**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	0.02 U	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1248	NE	NE	NE	NA	NA	0.02 U	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1254	NE	NE	NE	NA	NA	0.02 U	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1260	NE	NE	NE	NA	NA	0.02 U	NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Aroclor 1268	NE	NE	NE	NA	NA		NA	NA	NA	0.06 U	NA	NA	0.06 U	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND	NA
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.002 U	NA	NA	NA	0.0018 U	NA	NA	0.0017 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.035 U	NA	NA	0.0335 U	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
gamma-Chlordane	NE	NE	NE	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0038 UJ	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA

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Dieldrin	0.005	0.1	0.2	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin	0.014	0.06	11	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin aldehyde	NE	NE	NE	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Endrin ketone	NE	NE	NE	NA	NA	0.0038 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Heptachlor	0.042	0.38	2.1	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Heptachlor epoxide	NE	NE	NE	NA	NA	0.002 U	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA		NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Methoxychlor	NE	NE	NE	NA	NA	0.02 UJ	NA	NA	NA	0.0029 U	NA	NA	0.0028 U	NA
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.094 U	NA	NA	NA	0.208 U	NA	NA	0.2 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.64 JN**	NA	NA	0.2 U	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	20.8 U	NA	NA	20 U	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	20.5 U	NA	NA	19.8 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.024 U	NA	NA	NA	**0.051 JN**	NA	NA	0.01 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.024 U	NA	NA	NA	0.01 U	NA	NA	0.01 U	NA
Metals (mg/kg)														
Aluminum	NE	NE	NE	**9320**	**3380**	**10400**	**9540**	**10900**	**2530**	**9030**	**775**	**306**	**9310**	**4820**
Antimony	NE	NE	NE	4.7 UJ	4.8 UJ	4.7 UJ	5 UJ	5 UJ	4.7 UJ	2.65 U	3.85 U	2.4 U	2.76 U	2.5 U
Arsenic	13	16	16	6 U	6.1 U	6 U	6.4 U	6.3 U	5.9 U	**2.32 J**	**44.8**	**1.38**	**2.68 J**	**0.73 J**
Barium	350	820	400	**42.3**	**19.7**	**35.6**	**34.5**	**38.6**	**19.7**	**46.5**	**5.78 J**	**3.17 J**	**62**	**28.4**
Beryllium	7.2	47	72	**0.56 J**	**0.34 J**	**0.49 J**	**0.46 J**	**0.52 J**	1.4 U	**0.46 J**	0.85 U	0.53 U	**0.55 J**	**0.31 J**
Cadmium	2.5	7.5	4.3	1.4 U	1.4 UJ	1.4 UJ	1.5 UJ	1.5 UJ	1.4 U	2.12 U	1.54 UJ	0.96 UJ	2.21 U	2 U
Calcium	NE	NE	NE	**1050 J**	**928 J**	**1340 J**	**1220**	**1410**	**1340**	**2480 J**	**98.8 J**	**145 J**	**2000 J**	**1560 J**
Chromium	30	NE	180	**20.3 J**	**9.8 J**	**13.4 J**	**13.6 J**	**16.3 J**	**7.6 J**	**17.5 J**	**3.28 J**	**2.38 J**	**14.6 J**	**8.86 J**
Cobalt	NE	NE	NE	**5.8**	**4.8**	**5.5**	**7.8**	**8.5**	**3.7**	**6.01 J**	**0.78 J**	**0.5 J**	**6.6 J**	**4.84 J**
Copper	50	1720	270	**14.2 J**	**8.1 J**	**11**	**14 J**	**14.7 J**	**6.7 J**	**26.2 J**	**8.8 J**	12 UJ	**24.6 J**	**9.88 J**
Iron	NE	NE	NE	**18200**	**11300**	**16900**	**20200**	**22600**	**10100**	**19000 J**	**1480 J**	**2010 J**	**18200 J**	**8260**
Lead	63	450	400	**12**	4.3 U	**17.2**	**8.1**	**10.7**	4.2 U	**57.4 J**	**16.9 J**	24 U	**28.9 J**	50 U
Magnesium	NE	NE	NE	**2930 J**	**1960 J**	**2330 J**	**2680**	**2880**	**1530**	**3000 J**	**319 J**	**159 J**	**3160 J**	**1790 J**
Manganese	1600	2000	2000	**236**	**175**	**272**	**1370 J**	**1540 J**	**140 J**	**360**	**16.1**	**17.8**	**374**	**140**
Mercury	0.18	0.73	0.81	**0.02**	0.058 U	**0.036**	**0.03**	**0.035**	**0.0047 J**	**0.035**	**5.71**	0.012 U	**0.023 J**	**0.098**
Nickel	30	130	310	**13**	**9.3**	**11.5**	**13.1**	**14.3**	**5.5**	**12.3 J**	19.2 U	12 U	**13.3 J**	**8.7 J**
Potassium	NE	NE	NE	**850 J**	**830 J**	**597 J**	**616**	**641**	**517**	**1330 J**	**435 J**	1200 UJ	**1370 J**	**833 J**
Selenium	3.9	4	180	10.7 U	10.9 U	**4.1 J**	11.4 UJ	11.3 UJ	10.6 UJ	**1.06 J**	1.92 UJ	1.2 UJ	**1.26 J**	2.5 U
Silver	2	8.3	180	1.4 U	1.4 U	1.4 U	1.5 U	1.5 U	1.4 U	2.12 U	1.54 U	0.96 U	2.21 U	2 U
Sodium	NE	NE	NE	71.4 U	72.5 UJ	71.3 UJ	**204**	**223**	70.7 U	**450 J**	**177 J**	1200 U	**284 J**	**279 J**
Thallium	NE	NE	NE	4.3 UJ	**1.7 J**	4.3 UJ	4.5 U	4.5 U	4.2 U	2.65 U	1.92 U	1.2 U	2.76 U	2.5 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
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Location				Adjacent to Parcel 6 - Kent Ave						Adjacent to Parcel 6 - N.12th St				
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-MW-16 (20-21) 8/10/2009	WW-MW-16 (38-40) 8/10/2009	WW-SB-18 (3.5-4.5) 7/27/2009	WW-SB-18 (9-10) 8/7/2009	Duplicate of WW-SB-18 (9-10) 8/7/2009	WW-SB-18 (51-53) 8/7/2009	WW-SB-242 (0-5) 7/27/2022	WW-SB-242 (8-14) 9/22/2022	WW-SB-242 (25-30) 9/27/2022	WW-SB-243 (0-5) 7/27/2022	WW-SB-243 (10-15) 9/23/2022
Tin	NE	NE	NE	3.6 U	3.6 U	**4.5**	3.8 U	3.8 U	3.5 U	52.9 U	38.5 U	24 U	55.2 U	50 U
Vanadium	NE	NE	NE	**29.2 J**	**14.5**	**19.1**	**20.4**	**22.8**	**12.6**	**24.9**	**1.95 J**	**3.63 J**	**23.2**	**14.4**
Zinc	109	2480	10000	**35.8 J**	**23.4 J**	**36.2**	**33.4**	**39.9**	**15.8**	**146 J**	**20.3 J**	12 UJ	**79.4 J**	**19.5 J**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.235 U	0.239 U	0.231 U	0.239 U	0.243 U	0.231 U	0.228 U	0.254 U	0.242 U	0.225 U	0.243 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - Kent Ave						Adjacent to Parcel 6 - N.12th St				
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-MW-16 (20-21) 8/10/2009	WW-MW-16 (38-40) 8/10/2009	WW-SB-18 (3.5-4.5) 7/27/2009	WW-SB-18 (9-10) 8/7/2009	Duplicate of WW-SB-18 (9-10) 8/7/2009	WW-SB-18 (51-53) 8/7/2009	WW-SB-242 (0-5) 7/27/2022	WW-SB-242 (8-14) 9/22/2022	WW-SB-242 (25-30) 9/27/2022	WW-SB-243 (0-5) 7/27/2022	WW-SB-243 (10-15) 9/23/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	0.0031 U	0.0028 U	0.0031 U	**1.28 J**	**0.363 J**	0.0031 U	**0.0022 J**	0.0025 U	0.0028 U	0.0031 U
Toluene	0.7	0.7	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
Ethylbenzene	1	1	41	0.0031 U	0.0028 U	0.0031 U	**0.0021 J**	**0.001 J**	0.0031 U	**0.0012 J**	0.0025 U	0.0028 U	0.0031 U
o-Xylene	0.26	1.6	100	0.0031 U	0.0028 U	0.0031 U	**0.0011 J**	**0.0008 J**	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
m/p-Xylene	0.26	1.6	100	0.0061 U	0.0057 U	0.0061 U	**0.0024 J**	**0.0017 J**	0.0063 U	0.0064 U	0.005 U	0.0056 U	0.0063 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	ND	ND	ND	**1.2856**	**0.3665**	ND	**0.0034**	ND	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	**0.0277 J**	0.0283 U	0.0307 U	0.028 U	0.0239 UJ	0.0315 UJ	0.0318 U	0.0329 U	0.0279 UJ	0.0314 U
n-Butylbenzene	12	12	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.005**	0.0025 U	0.0028 U	**0.0012 J**
sec-Butylbenzene	11	11	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.0083**	**0.0045**	0.0028 U	**0.0047**
tert-Butylbenzene	5.9	5.9	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.0036**	**0.0189**	0.0028 U	**0.0013 J**
Carbon disulfide	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	**0.002 J**	**0.0018 J**	0.0028 UJ	0.0031 U
Chlorobenzene	1.1	1.1	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.0031 U	**0.0045**	0.0031 U	0.0028 UJ	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
Cyclohexane	NE	NE	NE	**0.0026 J**	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.0012 J**	0.0025 U	0.0028 U	**0.0028 J**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	**0.0009 J**	0.0028 U	**0.0013 J**
1,2-Dibromo-3-chloropropane	NE	NE	NE	**0.0045 J**	0.0028 U	0.0031 UJ	0.0028 U	0.0024 U	0.0031 U	0.0032 UJ	0.0025 U	0.0028 U	0.0031 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,1-Dichloroethane	0.27	0.27	26	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	0.0032 U	0.0025 U	0.0028 UJ	0.0031 U
1,1-Dichloroethene	0.33	0.33	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	0.0032 U	0.0025 U	0.0028 UJ	0.0031 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	0.0032 U	0.0025 U	0.0028 UJ	0.0031 U
1,2-Dichloropropane	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
Isopropylbenzene	NE	NE	NE	**0.001 J**	0.0028 U	0.0031 U	**0.002 J**	**0.0011 J**	0.0031 U	**0.0061**	0.0025 U	0.0028 U	**0.0034**
Methyl acetate	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	0.0032 U	0.0025 U	0.0028 UJ	0.0031 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	0.0306 U	0.0283 UJ	0.0307 U	0.028 U	0.0239 U	0.0315 U	0.0318 U	0.0252 UJ	0.0279 U	0.0314 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	**0.0015 J**	0.0028 U	0.0031 U	**0.0026 J**	**0.002 J**	0.0031 UJ	0.0032 U	**0.001 J**	0.0028 UJ	0.0031 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	0.0306 U	0.0283 U	0.0307 U	0.028 U	0.0239 U	0.0315 U	0.0318 U	0.0252 U	0.0279 U	0.0314 U
Methylcyclohexane	NE	NE	NE	**0.0076**	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.0112**	**0.795**	0.0028 U	**0.791**
Methylene chloride	0.05	0.05	100	0.0153 U	0.0142 U	0.0154 U	0.014 U	0.0119 UJ	0.0157 UJ	0.0159 U	0.0126 U	0.0139 UJ	0.0157 U
Naphthalene	12	12	100	0.0031 U	0.0028 U	0.0031 U	**0.512 J**	**0.154 J**	0.0031 U	**0.0034**	**0.0028 J**	0.0028 U	**0.0013 J**
n-Propylbenzene	3.9	3.9	100	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	**0.0075**	0.0025 U	0.0028 U	**0.0021 J**
Styrene	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 UJ	0.0031 UJ	0.0032 U	0.0025 U	0.0028 UJ	0.0031 U
Tetrahydrofuran	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,1,2-Trichloroethane	NE	NE	NE	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Trichloroethene (TCE)	0.47	0.47	21	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	0.0025 U	0.0028 U	0.0031 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**0.0012 J**	0.0028 U	0.0031 U	**0.0046**	**0.0032**	0.0031 U	0.0032 U	**0.0019 J**	0.0028 U	0.0031 U
1,3,5-Trimethylbenzene	8.4	8.4	52	0.0031 U	0.0028 U	0.0031 U	0.0028 U	0.0024 U	0.0031 U	0.0032 U	**0.0014 J**	0.0028 U	0.0031 U
Vinyl chloride	0.02	0.02	0.9	0.0061 U	0.0057 U	0.0061 U	0.0056 UJ	0.0048 U	0.0063 U	0.0064 U	0.005 U	0.0056 U	0.0063 U
Total VOCs	NE	NE	NE	**0.0461**	**0.0045**	ND	**1.8068**	**0.5268**	ND	**0.0517**	**0.8282**	ND	**0.8091**
PAHs (mg/kg)													
Acenaphthene	20	98	100	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.0913 J**	**0.275 J**	0.321 U	**0.307**
Acenaphthylene	100	107	100	0.294 U	0.283 U	**0.0235 J**	0.303 U	0.293 U	0.289 U	**0.237 J**	**0.122 J**	0.321 U	**0.142 J**
Anthracene	100	1000	100	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.292 J**	**0.415 J**	0.321 U	**0.573**
Benzo(a)anthracene	1	1	1	0.294 U	0.283 U	**0.0922 J**	0.303 U	0.293 U	0.289 U	**1.01**	**1.97**	0.321 U	**1.55**
Benzo(b)fluoranthene	1	1.7	1	0.294 U	0.283 U	**0.1 J**	0.303 U	0.293 U	0.289 U	**0.991**	**0.93 J**	0.321 U	**1.2**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.294 U	0.283 U	**0.074 J**	0.303 U	0.293 U	0.289 U	**0.808**	**0.808 J**	0.321 U	**1.15**
Benzo(g,h,i)perylene	100	1000	100	0.294 U	0.283 U	**0.0837 J**	0.303 U	0.293 U	0.289 U	**1.11**	**0.631 J**	0.321 U	**0.835**
Benzo(a)pyrene	1	22	1	0.294 U	0.283 U	**0.112 J**	0.303 U	0.293 U	0.289 U	**1.42**	**1.16**	0.321 U	**1.67**
Chrysene	1	1	3.9	0.294 U	0.283 U	**0.0907 J**	0.303 U	0.293 U	0.289 U	**1.01**	**2.32**	0.321 U	**1.63**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.216 J**	**0.249 J**	0.321 U	**0.227 J**
Fluoranthene	100	1000	100	0.294 U	0.283 U	**0.115 J**	0.303 U	0.293 U	0.289 U	**1.51**	**0.903 J**	0.321 U	**3.05**
Fluorene	30	386	100	**0.0189 J**	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.111 J**	**0.168 J**	0.321 U	**0.336**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.294 U	0.283 U	**0.0997 J**	0.303 U	0.293 U	0.289 U	**1.13**	**0.684 J**	0.321 U	**0.955**
2-Methylnaphthalene	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.394**	**0.18 J**	0.321 U	**0.206 J**
Naphthalene	12	12	100	0.294 U	0.283 U	**0.0386 J**	0.303 U	0.293 U	0.289 U	**1.48**	1.03 U	0.321 U	**0.434**
Phenanthrene	100	1000	100	0.294 U	0.283 U	**0.0598 J**	0.303 U	0.293 U	0.289 U	**0.748**	**0.679 J**	0.321 U	**2.3**
Pyrene	100	1000	100	0.294 U	0.283 U	**0.111 J**	0.303 U	0.293 U	0.289 U	**1.67**	**2.67**	0.321 U	**2.86**
Total PAHs	NE	NE	NE	**0.0189**	ND	**1.0002**	ND	ND	ND	**14.2283**	**14.164**	ND	**19.425**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.119 J**	1.03 U	0.321 U	0.273 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.0294 U	0.0283 U	0.0292 U	0.0303 U	0.0293 U	0.0289 U	**0.0605**	0.103 U	0.0321 U	**0.0418**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	**0.0504 J**
Butyl benzyl phthalate	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Caprolactam	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Carbazole	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.081 J**	1.03 U	0.321 U	**0.195 J**
2-Chloronaphthalene	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Dibenzofuran	7	210	59	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.101 J**	**0.076 J**	0.321 U	**0.159 J**
Diethyl phthalate	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Dimethyl phthalate	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
2,4-Dimethylphenol	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Di-n-butyl phthalate	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
2,6-Dinitrotoluene	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Di-n-octyl phthalate	NE	NE	NE	0.588 U	0.566 U	0.584 U	0.607 U	0.587 U	0.577 U	0.611 U	2.05 U	0.642 U	0.546 U
2-Methylnaphthalene	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	**0.394**	**0.18 J**	0.321 U	**0.206 J**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Phenol	0.33	0.33	100	0.294 U	0.283 U	0.292 U	0.303 U	0.293 U	0.289 U	0.305 U	1.03 U	0.321 U	0.273 U
Total SVOCs	NE	NE	NE	**0.0189**	ND	**1.0002**	ND	ND	ND	**14.5898**	**14.24**	ND	**19.8712**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	**2.15 J**	**0.00635 J**	NA	**0.0979**
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	**0.894 J**	**0.00447 J**	NA	**0.204**
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	**1.24 J**	**0.00899**	NA	**0.191**
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	**1.32 J**	0.0259 U	NA	**0.14**
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.84 JN**	0.0865 U	NA	**0.106 JN**
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.58 JN**	**0.00842 JN**	NA	**0.129 JN**
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.73 JN**	**0.0129 JN**	NA	**0.113 JN**
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.05 JN**	**0.0145 JN**	NA	**0.0915 JN**
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.31 JN**	**0.0152 JN**	NA	**0.0544 JN**
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	**7.13 J**	**0.0494**	NA	**0.68**
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	**11.4 J**	**0.0268**	NA	**0.637 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	**0.808**	**0.808 J**	NA	**1.15**
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**9.51 J**	**0.0208**	NA	**0.56**
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.528 J**	**0.00611 J**	NA	**0.0717**
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.309 J**	0.00838 U	NA	**0.0378**
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.241 J**	**0.0204**	NA	**0.0788**
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	**45.7 J**	**0.0165**	NA	**0.453**
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	**33.8 J**	**0.0298**	NA	**0.803**
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**22.9 J**	**0.0256**	NA	**0.512**
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.101 J**	0.00838 U	NA	**0.0069**
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.102 JN**	0.00838 U	NA	**0.0111 JN**
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0891 JN**	0.00838 U	NA	**0.00876 JN**
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0571 JN**	0.00838 U	NA	**0.00542 JN**
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.043 JN**	0.00838 U	NA	**0.00432 JN**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.14 J**	0.00838 U	NA	**0.0195**
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	**0.0474 J**	0.00838 U	NA	**0.0064**
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	**0.0134 J**	0.00838 U	NA	**0.00558**
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	0.0249 U	0.00838 U	NA	0.00417 U
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	**1.01**	**2.32**	NA	**1.63**
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**5.53 JN**	**0.144 JN**	NA	**0.42 JN**
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.12 JN**	**0.175 JN**	NA	**0.234 JN**
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.27 JN**	**0.142 JN**	NA	**0.114 JN**
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.494 JN**	**0.0963 JN**	NA	**0.0595 JN**
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**7.38 J**	**0.0609**	NA	**0.672**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**16.4 J**	**0.00419 J**	NA	**0.105**
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.178 J**	0.00838 U	NA	**0.00964**
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.034 J**	0.00838 U	NA	**0.00744**
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.101 J**	**0.0133**	NA	**0.0533**
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.436 JN**	**0.0627 JN**	NA	**0.131 JN**
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.44 JN**	**0.0616 JN**	NA	**0.113 JN**
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.7 JN**	**0.036 JN**	NA	**0.0745 JN**
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.83 JN**	**0.0371 JN**	NA	**0.0596 JN**
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	**6.45 J**	**0.00613 J**	NA	**0.14**
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	**0.121 J**	0.00838 U	NA	**0.0356**
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0913 J**	0.00838 U	NA	**0.0501**
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.148 JN**	**0.00576 JN**	NA	**0.0472 JN**
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.294 JN**	**0.0295 JN**	NA	**0.0569 JN**
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.286 JN**	**0.0583 JN**	NA	**0.0319 JN**
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.149 JN**	**0.0508 JN**	NA	**0.0185 JN**
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	**1.26 J**	0.00838 U	NA	**0.0633**
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	**4.71 J**	**0.0287**	NA	**1.13**
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**6.22 JN**	**0.0807 JN**	NA	**0.743 JN**
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.8 JN**	**0.109 JN**	NA	**0.341 JN**
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.35 JN**	**0.143 JN**	NA	**0.167 JN**
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	**0.359 J**	0.00838 U	NA	**0.0634**
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.323 JN**	**0.0051 JN**	NA	**0.0693 JN**
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.599 JN**	**0.0145 JN**	NA	**0.0629 JN**
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.617 JN**	**0.0324 JN**	NA	**0.0699 JN**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	**32.3 J**	**0.0196**	NA	**0.584**
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.12 J**	0.00838 U	NA	**0.0085**
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.114 J**	0.00838 UJ	NA	**0.0608 J**
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.845 J**	0.00838 U	NA	**0.0892**
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.22 J**	0.00838 U	NA	**0.108**
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.868 J**	**0.00964**	NA	**0.0846**
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.06 J**	**0.0144**	NA	**0.102**
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	**4.02 J**	**0.00706 J**	NA	**0.222**
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.28 JN**	0.00838 U	NA	**0.121 JN**
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.648 JN**	**0.00922 JN**	NA	**0.0919 JN**
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.435 JN**	**0.0121 JN**	NA	**0.074 JN**
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.442 JN**	**0.0178 JN**	NA	**0.0546 JN**
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.326 JN**	**0.0872 JN**	NA	**0.102 JN**
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.239 JN**	**0.115 JN**	NA	**0.119 JN**
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.38 JN**	**0.0877 JN**	NA	**0.0427 JN**
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.108 JN**	**0.0444 JN**	NA	**0.0136 JN**
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**5.46 J**	**0.0113**	NA	**0.187**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	**3.1 J**	**0.0145**	NA	**0.565**
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.07 JN**	**0.0179 JN**	NA	**0.368 JN**
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.96 JN**	**0.0578 JN**	NA	**0.267 JN**
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.962 JN**	**0.138 JN**	NA	**0.132 JN**
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.481 JN**	**0.116 JN**	NA	**0.0611 JN**
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	**0.097 J**	0.00838 U	NA	**0.0102**
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	**10.8 J**	**0.0739**	NA	**1.2**
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0997 J**	0.00838 U	NA	**0.0562**
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.43 J**	**0.00861**	NA	**0.0994**
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	**2.14 J**	0.101 U	NA	**0.124 J**
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.836 J**	0.00838 U	NA	**0.0173**
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	**2.08 J**	**0.00528 J**	NA	**0.0553**
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	**0.895 J**	0.00838 U	NA	**0.0254**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**1.88 J**	0.00838 U	NA	**0.0485**
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	**2.69 J**	**0.00765 J**	NA	**0.099**
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.953 J**	**0.0147**	NA	**0.101**
MAEPH (mg/kg)													
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.31**	0.838 U	NA	**0.24 J**
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	**0.423**
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.75**	0.838 U	NA	0.417 U
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.87**	0.838 U	NA	0.417 U
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1.88**	0.838 U	NA	0.417 U
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	**0.394 J**
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	**3.44**	0.838 U	NA	0.417 U
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	**7**	0.838 U	NA	0.417 U
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	**11.8**	0.838 U	NA	0.417 U
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	**17**	0.838 U	NA	0.417 U
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.08**	0.838 U	NA	0.417 U
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.497 U	0.838 U	NA	0.417 U
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	0.05 U
Aroclor 1248	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	0.05 U
Aroclor 1254	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	0.05 U
Aroclor 1260	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	0.05 U
Aroclor 1268	NE	NE	NE	NA	NA	0.06 U	NA	NA	NA	0.06 U	NA	NA	0.05 U
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0018 U	NA	NA	NA	0.0019 U	NA	NA	0.0017 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Chlordane (Technical)	NE	NE	NE	NA	NA	0.035 U	NA	NA	NA	0.0382 U	NA	NA	0.0331 U
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
gamma-Chlordane	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	**0.0017 J**	NA	NA	NA	0.0032 U	NA	NA	0.0028 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Dieldrin	0.005	0.1	0.2	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Endrin	0.014	0.06	11	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Endrin aldehyde	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Endrin ketone	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Heptachlor	0.042	0.38	2.1	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Methoxychlor	NE	NE	NE	NA	NA	0.0029 U	NA	NA	NA	0.0032 U	NA	NA	0.0028 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.217 U	NA	NA	NA	0.225 U	NA	NA	0.197 U
Dicamba	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	0.011 U	NA	NA	**0.01 JN**
Dichloroprop	NE	NE	NE	NA	NA	0.217 U	NA	NA	NA	0.225 U	NA	NA	0.197 U
Mecoprop (MCPP)	NE	NE	NE	NA	NA	21.7 U	NA	NA	NA	22.5 U	NA	NA	19.7 U
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	21.5 U	NA	NA	NA	**2.12 J**	NA	NA	19.5 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.011 U	NA	NA	NA	0.011 U	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.011 U	NA	NA	NA	0.011 U	NA	NA	0.01 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**6170**	**363**	**9270**	**3970**	**5410**	**8040**	**7800**	**592**	**4320**	**7090**
Antimony	NE	NE	NE	2.11 U	4.32 U	2.77 U	2.58 U	2.78 U	2.49 U	3.01 U	2.29 U	2.76 U	2.61 U
Arsenic	13	16	16	**2.84**	**1.96 J**	**10.4**	**0.13 J**	**0.25 J**	**0.51**	**37.8**	**1.72**	**0.13 J**	**2.26 J**
Barium	350	820	400	**42.1**	**3.62 J**	**82.9**	**23 J**	**31.1**	**28.3**	**43.7**	**4.56 J**	**27.7**	**39.1**
Beryllium	7.2	47	72	**0.42 J**	0.95 U	**2.4**	**0.33 J**	**0.4 J**	**0.89 J**	**0.42 J**	0.5 U	**0.41 J**	**0.39 J**
Cadmium	2.5	7.5	4.3	1.69 U	1.73 UJ	**1.01 J**	2.06 U	2.23 U	1.99 U	2.41 U	0.92 UJ	2.21 U	2.09 U
Calcium	NE	NE	NE	**1030 J**	**82.2 J**	**7830 J**	**522**	**737**	**1790**	**3670 J**	**178 J**	**6410**	**2120 J**
Chromium	30	NE	180	**13.7**	**1.54 J**	**24.4 J**	**10 J**	**12.1**	**18.9**	**15.5 J**	**1.23 J**	**9.09 J**	**12.5 J**
Cobalt	NE	NE	NE	**7.34 J**	8.64 U	**12**	**3.47 J**	**4.52 J**	**12.7**	**6.75 J**	**0.58 J**	**5.64 J**	**5.3 J**
Copper	50	1720	270	**13.1 J**	21.6 UJ	**121 J**	**4.9 J**	**7.74 J**	**23.3 J**	**56 J**	11.4 UJ	**9.86 J**	**14.9 J**
Iron	NE	NE	NE	**17000**	**2620 J**	**32300 J**	**8450**	**13000**	**21600**	**22100 J**	**1440 J**	**10400**	**15500 J**
Lead	63	450	400	**15.6 J**	43.2 U	**208 J**	51.5 U	55.6 U	**8.66 J**	**194 J**	22.9 U	**3.06 J**	**27.2 J**
Magnesium	NE	NE	NE	**1960 J**	**135 J**	**2830 J**	**1200 J**	**1710 J**	**2770 J**	**3100 J**	**233 J**	**4940 J**	**2530 J**
Manganese	1600	2000	2000	**240**	**16.2**	**804**	**148**	**123**	**433**	**267**	**24.9**	**477**	**289**
Mercury	0.18	0.73	0.81	**1.3**	0.024 U	**0.213**	0.03 U	0.032 U	**0.01 J**	**0.544**	**0.148**	0.037 U	**0.034**
Nickel	30	130	310	**10.5 J**	21.6 U	**24.5 J**	**9.29 J**	**11.2 J**	**16.1 J**	**14.7 J**	11.4 U	**13.9 J**	**10.9 J**
Potassium	NE	NE	NE	**895 J**	2160 UJ	**945 J**	**601 J**	**730 J**	**1220 J**	**1170 J**	1140 UJ	**1020 J**	**1130 J**
Selenium	3.9	4	180	2.11 U	2.16 UJ	**1.85 J**	2.58 U	2.78 U	2.49 U	**1.6 J**	1.14 UJ	2.76 U	**0.99 J**
Silver	2	8.3	180	1.69 U	1.73 U	2.22 U	2.06 U	2.23 U	1.99 U	2.41 U	0.92 U	2.21 U	2.09 U
Sodium	NE	NE	NE	**142 J**	2160 U	**765 J**	2580 UJ	2780 UJ	**250 J**	**470 J**	1140 U	**248 J**	**414 J**
Thallium	NE	NE	NE	2.11 U	2.16 U	2.77 U	2.58 U	2.78 U	2.49 U	3.01 U	1.14 U	2.76 U	2.61 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Tin	NE	NE	NE	42.2 U	43.2 U	**56.7**	51.5 U	55.6 U	49.7 U	**51.8 J**	22.9 U	55.3 U	52.3 U
Vanadium	NE	NE	NE	**23.4**	**2.59 J**	**27.3**	**12.3**	**17**	**40.3**	**25.2**	**2.37 J**	**11.7**	**20.4**
Zinc	109	2480	10000	**31.4**	**5.08 J**	**848 J**	**18.2 J**	**23.8 J**	**46.8**	**199 J**	**6.63 J**	**21.5 J**	**46.4 J**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.233 U	0.231 U	0.236 U	0.228 U	0.235 U	0.237 U	0.244 U	0.23 U	0.248 U	0.216 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0372**	**0.0182**	NA	**0.00467**
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0282**	**0.0148**	NA	**0.00302 J**
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0225**	**0.0106**	NA	**0.00227 J**
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.011**	**0.00774 J**	NA	**0.00317 J**
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00389 J**	**0.00808 J**	NA	0.00417 U
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0135**	**0.00788 J**	NA	0.00417 U
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0126**	**0.00747 J**	NA	0.00417 U
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00908**	**0.0127**	NA	0.00417 U
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0298**	**0.0122**	NA	0.00417 U
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0398**	**0.0099**	NA	0.00417 U
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00975**	**0.0107**	NA	0.00417 U
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0132**	**0.0201**	NA	**0.00232 J**
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0118**	**0.0249**	NA	**0.0042**
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00834**	**0.00788 J**	NA	0.00417 U
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00895**	**0.00964**	NA	**0.00225 J**
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0137**	**0.0102**	NA	**0.00219 J**
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00511**	**0.00682 J**	NA	0.00417 U
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0303**	**0.0447**	NA	**0.0077**
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0112**	**0.0177**	NA	0.00417 U
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0116**	**0.0075 J**	NA	0.00417 U
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00638**	**0.0134**	NA	0.00417 U
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00616**	**0.00922**	NA	**0.0106**
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0579**	**0.0762**	NA	**0.00986**
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.00497 U	0.00838 U	NA	0.00417 U
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0192**	**0.0183**	NA	**0.00502**
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0103**	**0.0196**	NA	**0.00686**
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.00497 U	0.00838 U	NA	0.00417 U
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0138**	**0.0132**	NA	**0.00643**
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.023**	**0.0118**	NA	**0.00257 J**
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00954**	0.00838 U	NA	**0.00258 J**
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0296**	0.00838 U	NA	0.00417 U
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00864**	0.00838 U	NA	**0.00333 J**
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0136**	0.00838 U	NA	0.00417 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Duplicate of WW-SB-243 (10-15) 9/23/2022	WW-SB-243 (30-35) 9/28/2022	WW-SB-244 (0-5) 7/26/2022	WW-SB-244 (20-25) 9/29/2022	Duplicate of WW-SB-244 (20-25) 9/29/2022	WW-SB-244 (35-40) 9/29/2022	WW-SB-245 (0-5) 7/26/2022	WW-SB-245 (5-10) 9/28/2022	WW-SB-245 (35-40) 9/29/2022	WW-SB-246 (0-5) 7/27/2022
Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.00415 J**	0.00838 U	NA	0.00417 U
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.00497 U	0.00838 U	NA	0.00417 U
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0306**	**0.0373**	NA	**0.00277 J**
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0192**	**0.0201**	NA	0.00417 U
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0152**	**0.0145**	NA	0.00417 U
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0976**	**0.0545**	NA	**0.00583**
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0253**	**0.0272**	NA	**0.00227 J**
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0222**	**0.0235**	NA	**0.00223 J**
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0952**	**0.0579**	NA	**0.0103**
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0093**	**0.00729 J**	NA	0.00417 U
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.00497 U	**0.00571 J**	NA	0.00417 U
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0366**	**0.0223**	NA	**0.0043**
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0247**	**0.0177**	NA	**0.00301 J**
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0469**	**0.0313**	NA	**0.00477**
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0298**	**0.0119**	NA	**0.00311 J**
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0345**	**0.0221**	NA	**0.00328 J**
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0766**	**0.0478**	NA	**0.00527**
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.0439**	**0.0256**	NA	**0.00288 J**
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**0.037**	**0.0213**	NA	**0.00225 J**
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**686**	**427 J**	NA	83.2 U
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**638**	**4370**	NA	83.2 U
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	**796**	**2260**	NA	83.2 U
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**974**	**2260**	NA	83.2 U
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2890**	**7780**	NA	**131**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**1310**	**151**	NA	**126**
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2420**	**282**	NA	**400**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
BTEX (mg/kg)													
Benzene	0.06	0.06	4.8	**0.186 J**	**0.0064**	0.0033 U	0.234 U	0.0026 U	0.0028 U	**0.0035**	**0.0053**	0.0029 U	0.0036 U
Toluene	0.7	0.7	100	**0.22**	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	**0.0139**	0.0029 U	0.0036 U
Ethylbenzene	1	1	41	**30.9**	0.0026 U	0.0033 U	**0.197 J**	0.0026 U	0.0028 U	**0.0067**	**0.103**	0.0029 U	0.0036 U
o-Xylene	0.26	1.6	100	**1.33**	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	**0.0025 J**	**0.0638**	0.0029 U	0.0036 U
m/p-Xylene	0.26	1.6	100	**5.43**	0.0052 U	0.0067 U	0.469 U	0.0053 U	0.0055 U	**0.0077**	**0.203**	0.0058 U	0.0073 U
Total Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	NE	NE	NE	**38.066**	**0.0064**	ND	**0.197**	ND	ND	**0.0204**	**0.389**	ND	ND
Other VOCs (mg/kg)													
Acetone	0.05	0.05	100	5.29 U	0.0261 UJ	0.0333 U	5.86 U	0.0265 UJ	0.0277 UJ	0.0318 UJ	0.0295 UJ	0.0291 UJ	0.0364 UJ
n-Butylbenzene	12	12	100	**4.55 J**	0.0026 U	0.0033 U	**0.103 J**	0.0026 U	0.0028 U	**0.0314**	**0.0634**	0.0029 U	0.0036 U
sec-Butylbenzene	11	11	100	**5.97**	0.0026 U	**0.0041**	**0.525**	0.0026 U	0.0028 U	**0.048**	**0.0549**	0.0029 U	0.0036 U
tert-Butylbenzene	5.9	5.9	100	**0.961**	0.0026 U	**0.0014 J**	**0.398**	0.0026 U	0.0028 U	**0.0156**	**0.0278**	0.0029 U	0.0036 U
Carbon disulfide	NE	NE	NE	0.212 U	0.0026 U	**0.0016 J**	**0.0703 J**	0.0026 U	0.0028 U	**0.0014 J**	**0.0071 J**	0.0029 U	0.0036 U
Chlorobenzene	1.1	1.1	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
Cyclohexane	NE	NE	NE	**39.3 J**	0.0026 U	0.0033 U	**4.68**	0.0026 U	0.0028 U	**0.0489**	**0.623**	0.0029 U	0.0036 U
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**3.44**	0.0026 U	0.0033 U	**0.108 J**	0.0026 U	0.0028 U	**0.0088**	**0.0145**	0.0029 U	0.0036 U
1,2-Dibromo-3-chloropropane	NE	NE	NE	1.27 U	0.0026 U	0.0033 UJ	1.41 U	0.0026 U	0.0028 U	0.0032 UJ	0.0029 U	0.0029 U	0.0036 UJ
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
1,1-Dichloroethane	0.27	0.27	26	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
1,1-Dichloroethene	0.33	0.33	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
1,2-Dichloropropane	NE	NE	NE	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	**0.0057**	0.0029 U	0.0036 U
Isopropylbenzene	NE	NE	NE	**16.6**	0.0026 U	**0.002 J**	**2.61**	0.0026 U	0.0028 U	**0.0927**	**0.0469**	0.0029 U	0.0036 U
Methyl acetate	NE	NE	NE	**1.09 J**	0.0026 U	0.0033 U	**0.932 J**	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	5.29 U	0.0261 U	0.0333 U	5.86 U	0.0265 U	0.0277 U	0.0318 U	0.0295 U	0.0291 U	0.0364 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	2.12 UJ	0.0261 U	0.0333 U	2.34 U	0.0265 U	0.0277 U	0.0318 U	0.0295 U	0.0291 U	0.0364 U
Methylcyclohexane	NE	NE	NE	**199 J**	0.0026 U	0.0033 U	**3.9**	0.0026 U	0.0028 U	**40.7**	**3.09**	0.0029 U	0.0036 U
Methylene chloride	0.05	0.05	100	**0.0847 J**	0.013 U	0.0167 U	1.17 U	0.0132 U	0.0138 U	0.0159 U	0.0147 UJ	0.0146 U	0.0182 U
Naphthalene	12	12	100	**139**	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	**0.0559**	**0.0234**	0.0029 U	**0.001 J**
n-Propylbenzene	3.9	3.9	100	**14.5**	0.0026 U	**0.0013 J**	**1.12**	0.0026 U	0.0028 U	**0.0978**	**0.0744**	0.0029 U	0.0036 U
Styrene	NE	NE	NE	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	**0.0017 J**	0.0029 U	0.0036 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.212 U	0.0026 U	0.0033 U	0.234 UJ	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
Tetrahydrofuran	NE	NE	NE	NA	0.0026 U	0.0033 U	NA	0.0026 U	0.0028 U	0.0032 U	0.0029 UJ	0.0029 U	0.0036 U
1,2,3-Trichlorobenzene	NE	NE	NE	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
1,1,2-Trichloroethane	NE	NE	NE	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U

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Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
Trichloroethene (TCE)	0.47	0.47	21	0.212 U	0.0026 U	0.0033 U	0.234 U	0.0026 U	0.0028 U	0.0032 U	0.0029 U	0.0029 U	0.0036 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**27.5 J**	0.0026 U	0.0033 U	**0.689**	0.0026 U	0.0028 U	**0.011**	**0.0551**	0.0029 U	0.0036 U
1,3,5-Trimethylbenzene	8.4	8.4	52	**4.82 J**	0.0026 U	0.0033 U	**0.103 J**	0.0026 U	0.0028 U	**0.0023 J**	**0.0136**	0.0029 U	0.0036 U
Vinyl chloride	0.02	0.02	0.9	0.212 U	0.0052 U	0.0067 U	0.234 U	0.0053 U	0.0055 U	0.0064 U	0.0059 U	0.0058 U	0.0073 U
Total VOCs	NE	NE	NE	**494.8817**	**0.0064**	**0.0104**	**15.4353**	ND	ND	**41.1342**	**4.4905**	ND	**0.001**
PAHs (mg/kg)													
Acenaphthene	20	98	100	**2.76**	**0.0237 J**	0.277 U	**0.676**	0.302 U	0.3 U	**0.19 J**	**1.82**	0.294 U	**0.44**
Acenaphthylene	100	107	100	**4.36**	0.31 U	**0.0492 J**	**0.792**	0.302 U	0.3 U	**0.116 J**	**1.64**	0.294 U	**1.45**
Anthracene	100	1000	100	**1.59**	0.31 U	**0.0171 J**	**1.2**	0.302 U	0.3 U	**0.345**	**2.75**	0.294 U	**1.67**
Benzo(a)anthracene	1	1	1	**1.74**	0.31 U	**0.0461 J**	**4.24**	0.302 U	0.3 U	**0.497**	**4.5**	0.294 U	**4.94**
Benzo(b)fluoranthene	1	1.7	1	**1.31**	0.31 U	**0.0474 J**	**4.66**	0.302 U	0.3 U	**0.361**	**2.62**	0.294 U	**5.57**
Benzo(k)fluoranthene	0.8	1.7	3.9	**0.56**	0.31 U	**0.034 J**	**2**	0.302 U	0.3 U	**0.356**	**1.21 J**	0.294 U	**4.28**
Benzo(g,h,i)perylene	100	1000	100	**0.863**	0.31 U	**0.0369 J**	**1.89**	0.302 U	0.3 U	**0.289**	**1.31**	0.294 U	**4.06**
Benzo(a)pyrene	1	22	1	**1.89**	0.31 U	**0.0523 J**	**5.01**	0.302 U	0.3 U	**0.531**	**3.34**	0.294 U	**7.38**
Chrysene	1	1	3.9	**1.58**	0.31 U	**0.0428 J**	**4.31**	0.302 U	0.3 U	**0.462**	**3.95**	0.294 U	**4.67**
Dibenz(a,h)anthracene	0.33	1000	0.33	**0.222 J**	0.31 U	0.277 U	**0.657**	0.302 U	0.3 U	**0.0787 J**	**0.387 J**	0.294 U	**0.956**
Fluoranthene	100	1000	100	**2.37**	0.31 U	**0.0514 J**	**4.95**	0.302 U	0.3 U	**1.03**	**7.2**	0.294 U	**8.82**
Fluorene	30	386	100	**1.28**	0.31 U	0.277 U	**0.107 J**	0.302 U	0.3 U	**0.24 J**	**0.409 J**	0.294 U	**0.524**
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**0.813**	0.31 U	**0.0477 J**	**2.42**	0.302 U	0.3 U	**0.344**	**1.32**	0.294 U	**5.09**
2-Methylnaphthalene	NE	NE	NE	**3.12**	0.31 U	0.277 U	**0.0523 J**	0.302 U	0.3 U	**0.284**	**1.4**	0.294 U	**0.387**
Naphthalene	12	12	100	**3.81**	0.31 U	**0.0199 J**	**0.256 J**	0.302 U	0.3 U	**0.348**	**1.15 J**	0.294 U	**1.34**
Phenanthrene	100	1000	100	**2.97**	0.31 U	**0.0256 J**	**0.219 J**	0.302 U	0.3 U	**1.11**	**1.31**	0.294 U	**2.79**
Pyrene	100	1000	100	**3.25**	0.31 U	**0.0569 J**	**4.64**	0.302 U	0.3 U	**1.28**	**11.1**	0.294 U	**9.11**
Total PAHs	NE	NE	NE	**34.488**	**0.0237**	**0.5273**	**38.0793**	ND	ND	**7.8617**	**47.416**	ND	**63.477**
Other SVOCs (mg/kg)													
Acetophenone	NE	NE	NE	0.424 U	0.31 U	0.277 U	**0.118 J**	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.173**	0.031 U	0.0277 U	0.0466 U	0.0302 U	0.03 U	**0.0242 J**	0.128 U	0.0294 U	**0.111**
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.169 J**	0.31 U	0.277 U	0.466 U	0.302 UJ	0.3 U	**0.0489 J**	**0.449 J**	0.294 UJ	0.288 U
Butyl benzyl phthalate	NE	NE	NE	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Caprolactam	NE	NE	NE	**2.36**	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	**0.525**	1.28 U	0.294 U	**0.157 J**
Carbazole	NE	NE	NE	0.424 U	0.31 U	0.277 U	**0.113 J**	0.302 U	0.3 U	**0.0517 J**	1.28 U	0.294 U	**0.128 J**
2-Chloronaphthalene	NE	NE	NE	**0.137 J**	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Dibenzofuran	7	210	59	**0.245 J**	0.31 U	0.277 U	**0.0851 J**	0.302 U	0.3 U	**0.158 J**	1.28 U	0.294 U	**0.669**
Diethyl phthalate	NE	NE	NE	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Dimethyl phthalate	NE	NE	NE	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
2,4-Dimethylphenol	NE	NE	NE	0.424 U	0.31 U	0.277 U	**0.359 J**	0.302 U	0.3 U	0.264 U	**2.44**	0.294 U	**0.036 J**
Di-n-butyl phthalate	NE	NE	NE	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
2,6-Dinitrotoluene	NE	NE	NE	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Di-n-octyl phthalate	NE	NE	NE	0.848 U	0.619 U	0.554 U	0.933 U	0.605 U	0.6 U	0.528 U	2.55 U	0.588 U	0.576 U
2-Methylnaphthalene	NE	NE	NE	**3.12**	0.31 U	0.277 U	**0.0523 J**	0.302 U	0.3 U	**0.284**	**1.4**	0.294 U	**0.387**
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.424 U	0.31 U	0.277 U	0.466 U	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	**0.0339 J**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	0.424 U	0.31 U	0.277 U	**0.102 J**	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	**0.0983 J**
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	**0.424**	0.31 U	0.277 U	**0.337 J**	0.302 U	0.3 U	0.264 U	1.28 U	0.294 U	0.288 U
Phenol	0.33	0.33	100	0.424 U	0.31 U	0.277 U	0.466 U	0.302 UJ	0.3 U	0.264 U	1.28 UJ	0.294 UJ	0.288 U
Total SVOCs	NE	NE	NE	**37.996**	**0.0237**	**0.5273**	**39.1934**	ND	ND	**8.6695**	**50.305**	ND	**64.7102**
Alkylated PAHs (mg/kg)													
Acenaphthene	20	98	100	**11.7**	NA	NA	NA	NA	NA	**0.355**	**1.99 J**	NA	**14.9 J**
Acenaphthylene	100	107	100	**3.15**	NA	NA	NA	NA	NA	**0.286**	**0.942**	NA	**12.4 J**
Anthracene	100	1000	100	**7.11**	NA	NA	NA	NA	NA	**0.672**	**1.27**	NA	**55.5 J**
Benzene	0.06	0.06	4.8	**0.545**	NA	NA	NA	NA	NA	**0.239**	**0.478 J**	NA	**1.24 J**
C1-Benzene	NE	NE	NE	**0.378 JN**	NA	NA	NA	NA	NA	**0.256 JN**	**1.07 JN**	NA	0.595 U
C2-Benzenes	NE	NE	NE	**2.7 JN**	NA	NA	NA	NA	NA	**0.541 JN**	**2.68 JN**	NA	**0.97 JN**
C3-Benzenes	NE	NE	NE	**11.2 JN**	NA	NA	NA	NA	NA	**1.08 JN**	**3.49 JN**	NA	**0.644 JN**
C4-Benzenes	NE	NE	NE	**19.1 JN**	NA	NA	NA	NA	NA	**2.35 JN**	**7.86 JN**	NA	**0.983 JN**
C5-Benzenes	NE	NE	NE	**12.9 JN**	NA	NA	NA	NA	NA	**1.46 JN**	**7.08 JN**	NA	**2.27 JN**
Benzo(a)anthracene	1	1	1	**6.34**	NA	NA	NA	NA	NA	**1.16**	**1.13 J**	NA	**57 J**
Benzo(b)fluoranthene	1	1.7	1	**4.54**	NA	NA	NA	NA	NA	**1 J**	**0.721 J**	NA	**44.6 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	**0.56**	NA	NA	NA	NA	NA	**0.356**	**1.21 J**	NA	**4.28**
Benzo(j,k)fluoranthene	NE	NE	NE	**4.43**	NA	NA	NA	NA	NA	**0.843**	**0.676 J**	NA	**35.3 J**
Benzo(b)fluorene	NE	NE	NE	**1.32**	NA	NA	NA	NA	NA	**0.18**	**0.21**	NA	**9.01 J**
Benzo(c)fluorene	NE	NE	NE	**0.572**	NA	NA	NA	NA	NA	**0.0644**	**0.119**	NA	**3.66 J**
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	**1.01**	NA	NA	NA	NA	NA	**0.134**	**0.201**	NA	**5.36 J**
Benzo(g,h,i)perylene	100	1000	100	**3.07**	NA	NA	NA	NA	NA	**0.693**	**0.75**	NA	**28.2 J**
Benzo(a)pyrene	1	22	1	**6.82**	NA	NA	NA	NA	NA	**1.23**	**1.13 J**	NA	**54.1 J**
Benzo(e)pyrene	NE	NE	NE	**3.53**	NA	NA	NA	NA	NA	**0.761**	**0.664**	NA	**30.1 J**
Benzothiophene (1-Benzothiophene)	NE	NE	NE	**0.529**	NA	NA	NA	NA	NA	**0.0317**	0.0107 U	NA	**0.357 J**
C1-Benzo(b)thiophenes	NE	NE	NE	**1.92 JN**	NA	NA	NA	NA	NA	**0.0737 JN**	**0.52 JN**	NA	**0.442 JN**
C2-Benzo(b)thiophenes	NE	NE	NE	**2.32 JN**	NA	NA	NA	NA	NA	**0.0679 JN**	**0.477 JN**	NA	**0.804 JN**
C3-Benzo(b)thiophenes	NE	NE	NE	**2.38 JN**	NA	NA	NA	NA	NA	**0.0523 JN**	**0.597 JN**	NA	**0.752 JN**
C4-Benzo(b)thiophenes	NE	NE	NE	**1.88 JN**	NA	NA	NA	NA	NA	**0.0324 JN**	**0.457 JN**	NA	**0.301 JN**
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**0.932**	NA	NA	NA	NA	NA	**0.0259**	**0.0636**	NA	**0.403 J**
n-Butylbenzene	12	12	100	**1.55**	NA	NA	NA	NA	NA	**0.418**	**0.831**	NA	**0.0753 J**
sec-Butylbenzene	11	11	100	**2.35**	NA	NA	NA	NA	NA	**0.446**	**0.919**	NA	**0.0704 J**
tert-Butylbenzene	5.9	5.9	100	**0.47**	NA	NA	NA	NA	NA	**0.129**	**0.166**	NA	**0.0224 J**
Chrysene	1	1	3.9	**1.58**	NA	NA	NA	NA	NA	**0.462**	**3.95**	NA	**4.67**
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	**4.65 JN**	NA	NA	NA	NA	NA	**0.583 JN**	**1.05 JN**	NA	**20.1 JN**
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	**2.81 JN**	NA	NA	NA	NA	NA	**0.332 JN**	**0.727 JN**	NA	**8.8 JN**
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	**1.56 JN**	NA	NA	NA	NA	NA	**0.191 JN**	**0.485 JN**	NA	**4.89 JN**
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	**0.826 JN**	NA	NA	NA	NA	NA	**0.106 JN**	**0.303 JN**	NA	**2.37 JN**
Chrysene/triphenylene	NE	NE	NE	**5.37**	NA	NA	NA	NA	NA	**1.02**	**0.959 J**	NA	**45.5 J**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
Coronene	NE	NE	NE	0.829	NA	NA	NA	NA	NA	0.175	0.245	NA	7.09 J
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	1.42	NA	NA	NA	NA	NA	0.0977	0.259	NA	0.0815 J
cis-Decalin	NE	NE	NE	2.26	NA	NA	NA	NA	NA	0.259	1.43	NA	0.188 J
trans-Decalin	NE	NE	NE	11.3	NA	NA	NA	NA	NA	1.86	6.62	NA	1.03 J
C1-Decalins	NE	NE	NE	47.4 JN	NA	NA	NA	NA	NA	3.83 JN	26.8 JN	NA	3.28 JN
C2-Decalins	NE	NE	NE	36.9 JN	NA	NA	NA	NA	NA	2.35 JN	20 JN	NA	3.97 JN
C3-Decalins	NE	NE	NE	17.6 JN	NA	NA	NA	NA	NA	0.94 JN	8.77 JN	NA	3.11 JN
C4-Decalins	NE	NE	NE	14.6 JN	NA	NA	NA	NA	NA	0.606 JN	8.07 JN	NA	3.09 JN
Dibenz(a,h)anthracene	0.33	1000	0.33	1.3	NA	NA	NA	NA	NA	0.21	0.265	NA	8.97 J
Dibenzofuran	7	210	59	1.17	NA	NA	NA	NA	NA	0.26	0.199	NA	15.1 J
Dibenzothiophene	NE	NE	NE	1.78	NA	NA	NA	NA	NA	0.168	0.237	NA	9.08 J
C1-Dibenzothiophenes	NE	NE	NE	3.43 JN	NA	NA	NA	NA	NA	0.152 JN	0.819 JN	NA	4.53 JN
C2-Dibenzothiophenes	NE	NE	NE	4.18 JN	NA	NA	NA	NA	NA	0.163 JN	1.11 JN	NA	2.69 JN
C3-Dibenzothiophenes	NE	NE	NE	2.94 JN	NA	NA	NA	NA	NA	0.0997 JN	0.838 JN	NA	1.26 JN
C4-Dibenzothiophenes	NE	NE	NE	1.55 JN	NA	NA	NA	NA	NA	0.0632 JN	0.43 JN	NA	0.608 JN
Ethylbenzene	1	1	41	2.21	NA	NA	NA	NA	NA	0.25	0.67 J	NA	0.21 J
Fluoranthene	100	1000	100	9.85	NA	NA	NA	NA	NA	2.18	1.69 J	NA	124 J
C1-Fluoranthenes/pyrenes	NE	NE	NE	10.5 JN	NA	NA	NA	NA	NA	1.21 JN	2.28 JN	NA	52.4 JN
C2-Fluoranthenes/pyrenes	NE	NE	NE	4.44 JN	NA	NA	NA	NA	NA	0.489 JN	1.15 JN	NA	15.9 JN
C3-Fluoranthenes/pyrenes	NE	NE	NE	2.48 JN	NA	NA	NA	NA	NA	0.252 JN	0.742 JN	NA	6.32 JN
Fluorene	30	386	100	4.53	NA	NA	NA	NA	NA	0.436	0.451	NA	27.5 J
C1-Fluorenes	NE	NE	NE	3.72 JN	NA	NA	NA	NA	NA	0.217 JN	1.36 JN	NA	9.97 JN
C2-Fluorenes	NE	NE	NE	3.94 JN	NA	NA	NA	NA	NA	0.199 JN	2.48 JN	NA	5.23 JN
C3-Fluorenes	NE	NE	NE	3.31 JN	NA	NA	NA	NA	NA	0.192 JN	1.86 JN	NA	3.14 JN
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	4.52	NA	NA	NA	NA	NA	0.915	0.91 J	NA	39.5 J
Isopropylbenzene	NE	NE	NE	2.92	NA	NA	NA	NA	NA	0.555	0.94	NA	0.0394 J
Methylcyclohexane	NE	NE	NE	13.2 J	NA	NA	NA	NA	NA	14.7 J	3.48 J	NA	0.2 J
1-Methylnaphthalene	NE	NE	NE	15.9	NA	NA	NA	NA	NA	0.405	1.91 J	NA	3.33 J
2-Methylnaphthalene	NE	NE	NE	16.4	NA	NA	NA	NA	NA	0.459	0.825	NA	1.49 J
1-Methylpyrene	NE	NE	NE	1.19	NA	NA	NA	NA	NA	0.108	0.308	NA	4.06 J
2-Methylpyrene	NE	NE	NE	1.5	NA	NA	NA	NA	NA	0.163	0.399	NA	6.27 J
Naphthalene	12	12	100	19.8	NA	NA	NA	NA	NA	0.501	1.15	NA	5.05 J
C1-Naphthalenes	NE	NE	NE	19.9 JN	NA	NA	NA	NA	NA	0.534 JN	1.64 JN	NA	2.96 JN
C2-Naphthalenes	NE	NE	NE	20 JN	NA	NA	NA	NA	NA	0.796 JN	3.94 JN	NA	7.71 JN
C3-Naphthalenes	NE	NE	NE	18.4 JN	NA	NA	NA	NA	NA	0.666 JN	7.59 JN	NA	12.4 JN
C4-Naphthalenes	NE	NE	NE	11.1 JN	NA	NA	NA	NA	NA	0.405 JN	5.24 JN	NA	5.85 JN
C1-Naphthobenzothiophenes	NE	NE	NE	1.68 JN	NA	NA	NA	NA	NA	0.165 JN	0.391 JN	NA	4.65 JN
C2-Naphthobenzothiophenes	NE	NE	NE	1.34 JN	NA	NA	NA	NA	NA	0.148 JN	0.349 JN	NA	2.31 JN
C3-Naphthobenzothiophenes	NE	NE	NE	0.887 JN	NA	NA	NA	NA	NA	0.0886 JN	0.265 JN	NA	1.51 JN
C4-Naphthobenzothiophenes	NE	NE	NE	0.394 JN	NA	NA	NA	NA	NA	0.033 JN	0.14 JN	NA	0.39 JN
Perylene	NE	NE	NE	1.47	NA	NA	NA	NA	NA	0.303	0.217	NA	13.9 J

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
Phenanthrene	100	1000	100	**13.2**	NA	NA	NA	NA	NA	**2.17**	**1.61 J**	NA	**129 J**
C1-Phenanthrenes/anthracenes	NE	NE	NE	**13.6 JN**	NA	NA	NA	NA	NA	**1.03 JN**	**3.35 JN**	NA	**45 JN**
C2-Phenanthrenes/anthracenes	NE	NE	NE	**9.46 JN**	NA	NA	NA	NA	NA	**0.643 JN**	**3.2 JN**	NA	**19.1 JN**
C3-Phenanthrenes/anthracenes	NE	NE	NE	**4.41 JN**	NA	NA	NA	NA	NA	**0.318 JN**	**1.51 JN**	NA	**6.8 JN**
C4-Phenanthrenes/anthracenes	NE	NE	NE	**1.98 JN**	NA	NA	NA	NA	NA	**0.157 JN**	**0.607 JN**	NA	**2.24 JN**
n-Propylbenzene	3.9	3.9	100	**2.92**	NA	NA	NA	NA	NA	**0.96**	**1.44**	NA	**0.0828 J**
Pyrene	100	1000	100	**11.2**	NA	NA	NA	NA	NA	**2.12**	**2.63 J**	NA	**109 J**
Retene	NE	NE	NE	**0.956**	NA	NA	NA	NA	NA	**0.0961**	**0.134**	NA	**1.19 J**
Styrene	NE	NE	NE	**0.879**	NA	NA	NA	NA	NA	**0.0321**	**0.153**	NA	**0.777 J**
Toluene	0.7	0.7	100	**0.439 J**	NA	NA	NA	NA	NA	**0.298 J**	**1.25 J**	NA	0.685 U
1,2,3-Trimethylbenzene	NE	NE	NE	**2.54**	NA	NA	NA	NA	NA	**0.0679**	**0.48**	NA	**0.0816 J**
1,2,4-Trimethylbenzene	3.6	3.6	52	**5.04**	NA	NA	NA	NA	NA	**0.212**	**1.29**	NA	**0.29 J**
1,3,5-Trimethylbenzene	8.4	8.4	52	**1.23**	NA	NA	NA	NA	NA	**0.0555**	**0.376**	NA	**0.0691 J**
o-Xylene	0.26	1.6	100	**0.341**	NA	NA	NA	NA	NA	**0.11**	**0.741**	NA	**0.132 J**
m/p-Xylene	0.26	1.6	100	**1.8**	NA	NA	NA	NA	NA	**0.548**	**2.6 J**	NA	**1.11 J**
4-methylpyrene	NE	NE	NE	**1.33**	NA	NA	NA	NA	NA	**0.135**	**0.371**	NA	**4.45 J**
MAEPH (mg/kg)													
C-10	NE	NE	NE	**15.7**	NA	NA	NA	NA	NA	**2.01 J**	**8.08**	NA	**1.89**
C-11	NE	NE	NE	**6.14**	NA	NA	NA	NA	NA	**0.658 J**	**3.7**	NA	**0.504 J**
C-12	NE	NE	NE	**31.3**	NA	NA	NA	NA	NA	**1.34**	**3.44**	NA	**5.85**
C-13	NE	NE	NE	**6.24**	NA	NA	NA	NA	NA	**0.821**	1.07 U	NA	**1.31**
C-14	NE	NE	NE	**8.71**	NA	NA	NA	NA	NA	**0.797**	1.07 U	NA	**3.14**
C-15	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	**0.439 J**	1.07 U	NA	**1.66**
C-16	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**1.05**
C-17	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	**0.47 J**	1.07 U	NA	**2.39**
C-18	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**1.18**
C-19	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-20	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-21	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**3.2**
C-22	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-23	NE	NE	NE	**2.31**	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-24	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**3.05**
C-25	NE	NE	NE	**1.39**	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-26	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**1.73**
C-27	NE	NE	NE	**1.69**	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**5.6**
C-28	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**1.68**
C-29	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**11.1**
C-30	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**3.67**
C-31	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**1.77**
C-32	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**5.19**
C-33	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	**0.969 J**	NA	**26.4**

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Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
C-34	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	**0.82 J**	NA	0.516 U
C-35	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**2.39**
C-36	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-37	NE	NE	NE	**0.815 J**	NA	NA	NA	NA	NA	0.608 U	**0.542 J**	NA	**7.05**
C-38	NE	NE	NE	**1.68**	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	**3.87**
C-39	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-40	NE	NE	NE	1.15 U	NA	NA	NA	NA	NA	0.608 U	1.07 U	NA	0.516 U
C-8	NE	NE	NE	**21.3**	NA	NA	NA	NA	NA	**9.68**	**18.4 J**	NA	**0.451 J**
C-9	NE	NE	NE	**6.55**	NA	NA	NA	NA	NA	**1.55 J**	**7.79**	NA	**0.309 J**
PFAS (mg/kg)													
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)													
Phytane (C20)	NE	NE	NE	**9.23**	NA	NA	NA	NA	NA	**1.38**	**6.16**	NA	**7.21**
Pristane (C19)	NE	NE	NE	**14.9**	NA	NA	NA	NA	NA	**2.13**	**9.39**	NA	**10.1**
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	**20.6**	NA	NA	NA	NA	NA	**2.07**	**12.4**	NA	**6.81**
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	**17.2**	NA	NA	NA	NA	NA	**2.04**	**8.27**	NA	**8.59**
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	**21.6**	NA	NA	NA	NA	NA	**1.92**	**10.9**	NA	**11.8**
PCB Aroclors (mg/kg)													
Aroclor 1242	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U
Aroclor 1248	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U
Aroclor 1254	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U
Aroclor 1260	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U
Aroclor 1268	NE	NE	NE	NA	NA	0.05 U	NA	NA	NA	0.05 U	NA	NA	0.06 U
Total PCB Aroclors	0.1	3.2	1	NA	NA	ND	NA	NA	NA	ND	NA	NA	ND
Pesticides (mg/kg)													
Aldrin	0.005	0.19	0.097	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	0.0017 U	NA	NA	NA	0.0016 U	NA	NA	0.0016 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Chlordane (Technical)	NE	NE	NE	NA	NA	0.0339 U	NA	NA	NA	0.0311 U	NA	NA	0.0327 U
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
gamma-Chlordane	NE	NE	NE	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St									
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-246 (10-13) 9/23/2022	WW-SB-246 (30-35) 9/27/2022	WW-SB-247 (0-5) 7/27/2022	WW-SB-247 (10-15) 9/23/2022	WW-SB-247 (35-40) 9/27/2022	Duplicate of WW-SB-247 (35-40) 9/27/2022	WW-SB-248 (0-5) 7/29/2022	WW-SB-248 (5-14) 9/22/2022	WW-SB-248 (20-25) 9/27/2022	WW-SB-249 (0-5) 7/28/2022
Dieldrin	0.005	0.1	0.2	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
alpha-Endosulfan (I)	2.4	102	24	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
beta-Endosulfan (II)	2.4	102	24	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Endosulfan sulfate	2.4	1000	24	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Endrin	0.014	0.06	11	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Endrin aldehyde	NE	NE	NE	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Endrin ketone	NE	NE	NE	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Heptachlor	0.042	0.38	2.1	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Heptachlor epoxide	NE	NE	NE	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Methoxychlor	NE	NE	NE	NA	NA	0.0028 U	NA	NA	NA	0.0026 U	NA	NA	0.0027 U
Herbicides (mg/kg)													
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.2 U	NA	NA	NA	0.197 U	NA	NA	0.2 U
Dicamba	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	**0.026 JN**	NA	NA	0.01 U
Dichloroprop	NE	NE	NE	NA	NA	0.2 U	NA	NA	NA	0.197 U	NA	NA	0.2 U
Mecoprop (MCPP)	NE	NE	NE	NA	NA	20 U	NA	NA	NA	19.7 U	NA	NA	**11.2 J**
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	19.8 U	NA	NA	NA	19.5 U	NA	NA	19.8 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	0.01 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	0.01 U	NA	NA	NA	0.01 U	NA	NA	0.01 U
Metals (mg/kg)													
Aluminum	NE	NE	NE	**5690**	**298**	**7460**	**7470**	**528**	**667**	**4430**	**982**	**661**	**4900**
Antimony	NE	NE	NE	3.32 U	2.41 U	2.69 U	3.59 U	3.95 U	2.48 U	2.34 U	2.78 U	4.14 U	2.57 U
Arsenic	13	16	16	**20.4**	**0.74 J**	**5.15**	**69.8**	1.97 U	**0.68 J**	**5.09**	**31.1**	**1.16 J**	**13.7**
Barium	350	820	400	**39**	**2.54 J**	**66.7**	**43.4**	**3.05 J**	**4.35 J**	**32.5**	**8.72 J**	**5.03 J**	**43.7**
Beryllium	7.2	47	72	**0.35 J**	0.53 U	**0.49 J**	**0.33 J**	0.87 U	0.55 U	**0.36 J**	0.61 U	0.91 U	**0.37 J**
Cadmium	2.5	7.5	4.3	2.66 U	0.96 UJ	2.15 U	2.87 U	1.58 UJ	0.99 UJ	1.87 U	1.11 UJ	1.66 UJ	2.06 U
Calcium	NE	NE	NE	**2370 J**	**62.4 J**	**3360 J**	**1280 J**	**1120 J**	**876 J**	**5510**	**928 J**	**87.9 J**	**13200**
Chromium	30	NE	180	**13.9**	4.81 U	**14.1 J**	**23**	7.9 U	**1.45 J**	**8.98 J**	**4.03 J**	**2.11 J**	**12**
Cobalt	NE	NE	NE	**6.81 J**	4.81 U	**5.98 J**	**7 J**	7.9 U	**0.84 J**	**3.32 J**	**1.4 J**	8.28 U	**3.28 J**
Copper	50	1720	270	**180**	12 UJ	**21.9 J**	**57.8**	19.7 UJ	12.4 UJ	**18.2 J**	**23.8 J**	20.7 UJ	**52.6**
Iron	NE	NE	NE	**14000**	**1110 J**	**16900 J**	**18500**	**1040 J**	**1330 J**	**11700**	**2430 J**	**2610 J**	**10200**
Lead	63	450	400	**133**	24.1 U	**40.2 J**	**135**	39.5 U	24.8 U	**35.2 J**	**36.7**	41.4 U	**169**
Magnesium	NE	NE	NE	**2270 J**	**116 J**	**2750 J**	**2750 J**	**652 J**	**600 J**	**2290**	**395 J**	**238 J**	**3260**
Manganese	1600	2000	2000	**326**	**6.93**	**275**	**211**	**31.1**	**42.4**	**254**	**15.7**	**9.48**	**204**
Mercury	0.18	0.73	0.81	**0.592**	0.012 U	**0.068**	**5.41**	0.027 U	0.012 U	**0.095**	**11.6**	0.024 U	**0.315**
Nickel	30	130	310	**12.3 J**	12 U	**12.9 J**	**14.8 J**	19.7 U	12.4 U	**11.5 J**	**2.8 J**	20.7 U	**20.9 J**
Potassium	NE	NE	NE	**1130 J**	1200 UJ	**1150 J**	**2480 J**	1970 UJ	1240 UJ	**841 J**	**391 J**	**351 J**	**733 J**
Selenium	3.9	4	180	3.32 U	1.2 UJ	**1.08 J**	3.59 U	1.97 UJ	1.24 UJ	2.34 U	1.39 UJ	2.07 UJ	2.57 U
Silver	2	8.3	180	2.66 U	0.96 U	2.15 U	2.87 U	1.58 U	0.99 U	1.87 U	1.11 U	1.66 U	2.06 U
Sodium	NE	NE	NE	**1140 J**	1200 U	**672 J**	**1110 J**	1970 U	1240 U	**475 J**	**212 J**	2070 U	**391 J**
Thallium	NE	NE	NE	3.32 U	1.2 U	2.69 U	3.59 U	1.97 U	1.24 U	2.34 U	1.39 U	2.07 U	2.57 U

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Location				Adjacent to Parcel 6 - N.12th St									
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Tin	NE	NE	NE	66.5 U	24.1 U	53.7 U	71.7 U	39.5 U	24.8 U	46.8 UJ	27.8 U	41.4 U	51.5 UJ
Vanadium	NE	NE	NE	**21.3**	**1.41 J**	**21.6**	**23.2**	**1.42 J**	**1.97 J**	**15.5**	**3.21 J**	**2.64 J**	**15.5**
Zinc	109	2480	10000	**69.4**	**2.66 J**	**73.9 J**	**171**	19.7 UJ	**3.92 J**	**48.5**	**111 J**	**4.53 J**	**111**
Cyanides (mg/kg)													
Free Cyanide	NE	NE	NE	0.326 U	0.242 U	0.219 U	0.36 U	0.248 U	0.243 U	0.216 U	0.269 U	0.238 U	0.221 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)													
C23 Tricyclic Terpane (T4)	NE	NE	NE	**0.165**	NA	NA	NA	NA	NA	**0.0175**	**0.0722**	NA	**0.0422**
C24 Tricyclic Terpane (T5)	NE	NE	NE	**0.0791**	NA	NA	NA	NA	NA	**0.0131**	**0.0385**	NA	**0.0364**
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	**0.0451**	NA	NA	NA	NA	NA	**0.00714**	**0.0207**	NA	**0.0249 J**
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	**0.0289**	NA	NA	NA	NA	NA	**0.00784**	**0.016**	NA	0.0258 U
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	**0.0626**	NA	NA	NA	NA	NA	**0.00426 J**	**0.0261**	NA	0.0258 U
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	**0.0344**	NA	NA	NA	NA	NA	**0.00675**	**0.0146**	NA	**0.0156 J**
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	**0.0319**	NA	NA	NA	NA	NA	**0.00534 J**	**0.0143**	NA	0.0258 U
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	**0.0337**	NA	NA	NA	NA	NA	**0.0056 J**	**0.0135**	NA	**0.0164 J**
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	**0.0345**	NA	NA	NA	NA	NA	**0.0056 J**	**0.0146**	NA	0.0258 U
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	**0.0344**	NA	NA	NA	NA	NA	**0.00454 J**	**0.0111**	NA	**0.0198 J**
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	**0.0354**	NA	NA	NA	NA	NA	**0.00463 J**	**0.0124**	NA	**0.02 J**
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	**0.135**	NA	NA	NA	NA	NA	**0.00856**	**0.0639**	NA	**0.0156 J**
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	**0.172**	NA	NA	NA	NA	NA	**0.0106**	**0.0845**	NA	**0.0418**
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	**0.0342**	NA	NA	NA	NA	NA	**0.00518 J**	**0.0108**	NA	0.0258 U
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	**0.0346**	NA	NA	NA	NA	NA	**0.00373 J**	**0.0211**	NA	0.0258 U
C30 Tricyclic Terpane-22R	NE	NE	NE	**0.0531**	NA	NA	NA	NA	NA	**0.00613**	**0.0331**	NA	**0.0331**
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	**0.0261**	NA	NA	NA	NA	NA	**0.00322 J**	**0.0122**	NA	**0.0197 J**
30-Norhopane (T15)	NE	NE	NE	**0.541**	NA	NA	NA	NA	NA	**0.0217**	**0.233**	NA	**0.0866**
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	**0.138**	NA	NA	NA	NA	NA	**0.00653**	**0.0693**	NA	**0.0243 J**
17a(H)-Diahopane (X)	NE	NE	NE	**0.0371**	NA	NA	NA	NA	NA	**0.00317 J**	**0.0206**	NA	0.0258 U
30-Normoretane (T17)	NE	NE	NE	**0.0921**	NA	NA	NA	NA	NA	**0.00373 J**	**0.0551**	NA	**0.0141 J**
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	**0.0607**	NA	NA	NA	NA	NA	0.00608 U	**0.0631**	NA	0.0258 U
Hopane (T19)	NE	NE	NE	**0.798**	NA	NA	NA	NA	NA	**0.0311**	**0.401**	NA	**0.111**
Moretane (T20)	NE	NE	NE	**0.0248**	NA	NA	NA	NA	NA	**0.00429 J**	**0.0259**	NA	0.0258 U
30-Homohopane-22S (T21)	NE	NE	NE	**0.222**	NA	NA	NA	NA	NA	**0.0116**	**0.11**	NA	**0.0508**
30-Homohopane-22R (T22)	NE	NE	NE	**0.193**	NA	NA	NA	NA	NA	**0.0126**	**0.0847**	NA	**0.0451**
Gammacerane	NE	NE	NE	0.0115 U	NA	NA	NA	NA	NA	0.00608 U	0.0107 U	NA	0.0258 U
30,31-Bishomohopane-22S (T26)	NE	NE	NE	**0.151**	NA	NA	NA	NA	NA	**0.00923**	**0.078**	NA	**0.0373**
30,31-Bishomohopane-22R (T27)	NE	NE	NE	**0.119**	NA	NA	NA	NA	NA	**0.00679**	**0.0747**	NA	**0.0382**
30,31-Trishomohopane-22S (T30)	NE	NE	NE	**0.0818**	NA	NA	NA	NA	NA	**0.00428 J**	**0.0411**	NA	**0.0295**
30,31-Trishomohopane-22R (T31)	NE	NE	NE	**0.0513**	NA	NA	NA	NA	NA	**0.00534 J**	**0.0315**	NA	**0.0243 J**
Tetrakishomohopane-22S (T32)	NE	NE	NE	**0.0456**	NA	NA	NA	NA	NA	**0.00318 J**	**0.0306**	NA	0.0258 U
Tetrakishomohopane-22R (T33)	NE	NE	NE	**0.0555**	NA	NA	NA	NA	NA	**0.0114**	**0.0279**	NA	**0.0308**

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Pentakishomohopane-22S (T34)	NE	NE	NE	**0.0408**	NA	NA	NA	NA	NA	0.00608 U	**0.0321**	NA	**0.026**
Pentakishomohopane-22R (T35)	NE	NE	NE	**0.0285**	NA	NA	NA	NA	NA	0.00608 U	**0.0266**	NA	0.0258 U
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	**0.101**	NA	NA	NA	NA	NA	**0.0174**	**0.0357**	NA	**0.0448**
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	**0.0574**	NA	NA	NA	NA	NA	**0.00876**	**0.0204**	NA	0.0258 U
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	**0.0535**	NA	NA	NA	NA	NA	**0.00807**	**0.0209**	NA	0.0258 U
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	**0.211**	NA	NA	NA	NA	NA	**0.0265**	**0.0924**	NA	**0.103**
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	**0.144**	NA	NA	NA	NA	NA	**0.0102**	**0.0411**	NA	**0.0476**
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	**0.133**	NA	NA	NA	NA	NA	**0.0102**	**0.0414**	NA	**0.0319**
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	**0.246**	NA	NA	NA	NA	NA	**0.0324**	**0.132**	NA	**0.156**
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	**0.0182**	NA	NA	NA	NA	NA	0.00608 U	**0.00871 J**	NA	0.0258 U
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	**0.0365**	NA	NA	NA	NA	NA	0.00608 U	**0.0207**	NA	**0.0307**
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	**0.104**	NA	NA	NA	NA	NA	**0.00874**	**0.0566**	NA	**0.0841**
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	**0.122**	NA	NA	NA	NA	NA	**0.0104**	**0.0531**	NA	**0.0289**
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	**0.174**	NA	NA	NA	NA	NA	**0.0172**	**0.072**	NA	**0.0434**
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	**0.0987**	NA	NA	NA	NA	NA	**0.00927**	**0.0335**	NA	**0.0262**
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	**0.146**	NA	NA	NA	NA	NA	**0.0133**	**0.0653**	NA	**0.0923**
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	**0.228**	NA	NA	NA	NA	NA	**0.0238**	**0.111**	NA	**0.0623**
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	**0.111**	NA	NA	NA	NA	NA	**0.0152**	**0.0618**	NA	**0.0482**
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	**0.183**	NA	NA	NA	NA	NA	**0.0128**	**0.067**	NA	**0.0537**
Other (mg/kg)													
C9-C18 Aliphatics	NE	NE	NE	**387 J**	NA	NA	NA	NA	NA	**126**	**1840**	NA	**114**
C19-C36 Aliphatics	NE	NE	NE	289 R	NA	NA	NA	NA	NA	78.7 U	**379 J**	NA	**128**
C11-C22 Aromatics	NE	NE	NE	**384 J**	NA	NA	NA	NA	NA	78.7 U	**625 J**	NA	**221**
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	**476 J**	NA	NA	NA	NA	NA	78.7 U	**634 J**	NA	**334**
Total Petroleum Hydrocarbons	NE	NE	NE	**1930 J**	NA	NA	NA	NA	NA	**551**	**4180**	NA	**912**
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	**6210**	NA	NA	NA	NA	NA	**636**	**3320**	NA	**2850**
C9-C40	NE	NE	NE	**7740**	NA	NA	NA	NA	NA	**1050**	**4150**	NA	**3940**

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St											
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
BTEX (mg/kg)														
Benzene	0.06	0.06	4.8	**4.89**	**9.37**	0.0031 U	0.0058 U	**450**	**0.03**	**0.0025 J**	0.029 U	0.0067 U	0.032 U	0.006 U
Toluene	0.7	0.7	100	**1.61**	**1.72**	0.0031 U	**0.15**	**630**	**0.12**	0.0035 U	**0.31 J**	0.0067 UJ	0.032 UJ	0.006 U
Ethylbenzene	1	1	41	**82.3**	**79.1**	0.0031 U	**0.026**	**1400**	**0.052**	0.0035 U	**0.066 J**	**0.016 J**	**0.025 J**	0.006 U
o-Xylene	0.26	1.6	100	**39**	**36.9**	0.0031 U				0.0035 U	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**33.2**	**39.3**	0.0061 U				0.0071 U	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	NA	NA	NA	**0.14**	**1700**	**0.11**	NA	**0.26 J**	**0.094 J**	**0.1 J**	0.006 U
Total BTEX	NE	NE	NE	**161**	**166.39**	ND	**0.316**	**4180**	**0.312**	**0.0025**	**0.636**	**0.11**	**0.125**	ND
Other VOCs (mg/kg)														
Acetone	0.05	0.05	100	9.99 U	0.0373 UJ	0.0306 UJ	**0.0041 J**	150 U	**0.016 J**	0.0353 UJ	**0.16 J**	**0.025 J**	**0.4 J**	0.024 U
n-Butylbenzene	12	12	100	**3.11 J**	**3.33**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	**1.54**	**0.0432**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	**0.527**	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	**0.639**	**0.0102**	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	**0.0081 J**	0.006 U
Chlorobenzene	1.1	1.1	100	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
Chloroform (Trichloromethane)	0.37	0.37	49	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
Cyclohexane	NE	NE	NE	**3.62 J**	**6.28**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**8.91**	**9.5**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	2.4 U	0.0037 U	0.0031 U	NA	NA	NA	0.0035 UJ	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.399 U	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.399 U	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
1,1-Dichloroethene	0.33	0.33	100	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
cis-1,2-Dichloroethene	0.25	0.25	100	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
trans-1,2-Dichloroethene	0.19	0.19	100	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
1,2-Dichloropropane	NE	NE	NE	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
Isopropylbenzene	NE	NE	NE	**11.5**	**9.05**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	**1.72 J**	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	9.99 U	0.0373 U	0.0306 U	0.012 U	58 U	0.013 U	0.0353 U	0.059 U	0.013 U	0.065 U	0.012 U
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.399 U	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	3.99 UJ	0.0373 U	0.0306 U	0.0058 U	58 U	0.0063 U	0.0353 U	0.029 U	0.0067 U	0.032 U	0.006 U
Methylcyclohexane	NE	NE	NE	**10.4 J**	**16.6**	0.0031 U	NA	NA	NA	**0.0012 J**	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	2 U	0.0187 U	0.0153 U	0.023 U	58 U	0.025 U	0.0176 U	0.12 U	0.027 U	0.13 U	0.024 U
Naphthalene	12	12	100	**1200**	**1160**	**0.0038**	NA	NA	NA	0.0035 U	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**5.99**	**4.89**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
Styrene	NE	NE	NE	**0.439**	**0.0325**	0.0031 U	0.0058 U	**77**	**0.00045 J**	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
Tetrahydrofuran	NE	NE	NE	NA	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	0.399 U	0.0037 U	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	0.399 U	0.0037 U	0.0031 U	0.0058 U	58 U	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Location				Adjacent to Parcel 6 - N.12th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
Trichloroethene (TCE)	0.47	0.47	21	0.399 U	0.0037 U	0.0031 U	0.0058 U	**22 J**	0.0063 U	0.0035 U	0.029 U	0.0067 U	0.032 U	0.006 U
1,2,4-Trimethylbenzene	3.6	3.6	52	**53.9 J**	**59**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**7.02 J**	**15**	0.0031 U	NA	NA	NA	0.0035 U	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	0.399 U	0.0075 U	0.0061 U	0.0058 U	58 U	0.0063 U	0.0071 U	0.029 U	0.0067 U	0.032 U	0.006 U
Total VOCs	NE	NE	NE	**1470.315**	**1450.1259**	**0.0038**	**0.3201**	**4279**	**0.32845**	**0.0037**	**0.796**	**0.135**	**0.5331**	ND
PAHs (mg/kg)														
Acenaphthene	20	98	100	**65.2**	**48.4**	0.303 U	**0.24 J**	**26 J**	**0.042 J**	**0.148 J**	**0.12 J**	**0.16 J**	**0.16 J**	0.32 U
Acenaphthylene	100	107	100	**93.3**	**26.4**	0.303 U	**0.066 J**	**190**	**0.027 J**	**1.31**	0.32 U	0.36 U	0.35 U	**0.065 J**
Anthracene	100	1000	100	**104**	**44.9**	0.303 U	**0.53**	**69 J**	**0.029 J**	**0.771**	**0.32**	**0.44**	**0.22 J**	**0.036 J**
Benzo(a)anthracene	1	1	1	**87.7**	**35.4**	0.303 U	**2.1**	**39 J**	**0.025 J**	**3.42**	**2**	**2.6**	**0.57**	**0.24 J**
Benzo(b)fluoranthene	1	1.7	1	**60.7**	**20.3**	0.303 U	**2.7**	160 U	0.34 U	**4.53**	**3**	**3.4**	**0.78**	**0.48**
Benzo(k)fluoranthene	0.8	1.7	3.9	**25.2 J**	**19.1**	0.303 U	**1**	160 U	0.34 U	**3.15**	**1.2**	**1.4**	**0.32 J**	**0.2 J**
Benzo(g,h,i)perylene	100	1000	100	**30.2 J**	**11.3**	0.303 U	**1.6**	160 U	0.34 U	**4**	**2**	**2.4**	**0.49**	**0.65**
Benzo(a)pyrene	1	22	1	**81.7**	**31.2**	0.303 U	**2.9**	160 U	0.34 U	**6.23**	**3.6**	**3.9**	**0.95**	**0.48**
Chrysene	1	1	3.9	**77.5**	**28.3**	0.303 U	**2.2**	**33 J**	0.34 U	**3.44**	**1.9**	**2.4**	**0.55**	**0.22 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	**9.72 J**	**3.43**	0.303 U	**0.49**	160 U	0.34 U	**0.904**	**0.73**	**1.1**	**0.17 J**	**0.3 J**
Fluoranthene	100	1000	100	**165**	**80.4**	0.303 U	**3.2**	**69 J**	**0.03 J**	**4.98**	**1.3**	**1.7**	**0.48**	**0.13 J**
Fluorene	30	386	100	**13 J**	**44.8**	0.303 U	**0.16 J**	**97 J**	**0.034 J**	**0.193 J**	**0.1 J**	**0.15 J**	**0.22 J**	0.32 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**33.5 J**	**14**	0.303 U	**1.7**	160 U	0.34 U	**4.52**	**2.1**	**2.9**	**0.51**	**0.6**
2-Methylnaphthalene	NE	NE	NE	**0.433 J**	**154**	0.303 U	**0.067 J**	**640**	**0.17 J**	**0.247 J**	**0.15 J**	**0.23 J**	**2.6**	**0.021 J**
Naphthalene	12	12	100	**1.23 J**	**442**	0.303 U	0.31 U	**1500**	**0.33 J**	**1.08**	0.32 U	0.36 U	0.35 U	0.32 U
Phenanthrene	100	1000	100	**212**	**160**	0.303 U	**2.6**	**260**	**0.12 J**	**1.55**	**0.75**	**1**	**0.52**	**0.056 J**
Pyrene	100	1000	100	**216**	**78.6**	0.303 U	**3.1**	**95 J**	**0.048 J**	**5.74**	**1.3**	**1.6**	**0.55**	**0.15 J**
Total PAHs	NE	NE	NE	**1276.383**	**1242.53**	ND	**24.653**	**3018**	**0.855**	**46.213**	**20.57**	**25.38**	**9.09**	**3.628**
Other SVOCs (mg/kg)														
Acetophenone	NE	NE	NE	1.71 U	1.22 U	0.303 U	NA	NA	NA	**0.0236 J**	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	0.171 U	**16.5**	0.0303 U	NA	NA	NA	**0.0702**	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	1.71 U	**0.155 J**	0.303 U	**1.8**	160 U	**0.058 J**	0.275 U	**0.12 J**	**0.52**	**0.6**	**0.21 J**
Butyl benzyl phthalate	NE	NE	NE	1.71 U	**0.18 J**	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Caprolactam	NE	NE	NE	1.71 R	1.22 U	0.303 U	NA	NA	NA	**0.045 J**	NA	NA	NA	NA
Carbazole	NE	NE	NE	1.71 U	**11**	0.303 U	**0.25 J**	160 U	0.34 U	**0.0997 J**	**0.18 J**	**0.25 J**	**0.045 J**	0.32 U
2-Chloronaphthalene	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Dibenzofuran	7	210	59	**16.1 J**	**26.8**	0.303 U	**0.11 J**	160 U	0.34 U	**0.324**	**0.063 J**	**0.086 J**	**0.12 J**	0.32 U
Diethyl phthalate	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Dimethyl phthalate	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
2,4-Dimethylphenol	NE	NE	NE	1.71 U	**0.635 J**	0.303 U	0.31 U	160 U	0.34 U	**0.0278 J**	0.32 U	0.36 U	0.35 U	0.32 U
Di-n-butyl phthalate	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
2,6-Dinitrotoluene	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Di-n-octyl phthalate	NE	NE	NE	3.43 U	2.44 U	0.606 U	0.31 U	160 U	0.34 U	0.551 U	0.32 U	0.36 U	0.35 U	0.32 U
2-Methylnaphthalene	NE	NE	NE	**0.433 J**	**154**	0.303 U	NA	NA	NA	**0.247 J**	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	1.71 U	**0.106 J**	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U

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Location				Adjacent to Parcel 6 - N.12th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	1.71 U	**0.249 J**	0.303 U	NA	NA	NA	**0.0593 J**	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	NA	NA	NA	0.31 U	160 U	0.34 U	NA	0.32 U	0.36 U	0.35 U	0.32 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Phenol	0.33	0.33	100	1.71 U	1.22 U	0.303 U	0.31 U	160 U	0.34 U	0.275 U	0.32 U	0.36 U	0.35 U	0.32 U
Total SVOCs	NE	NE	NE	**1292.483**	**1298.155**	ND	**26.813**	**3018**	**0.913**	**46.8626**	**20.933**	**26.236**	**9.855**	**3.838**
Alkylated PAHs (mg/kg)														
Acenaphthene	20	98	100	**281**	**119**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	**158**	**60.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	**312**	**116**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	**1.86 J**	**2.52 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	1.52 U	1.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	**57.4 JN**	**48.1 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	**91.1 JN**	**68 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	**70.4 JN**	**43.8 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	**31.8 JN**	**12.6 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	**158 J**	**74.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	**87.8 J**	**41.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	**25.2 J**	**19.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	**80.1 J**	**41.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	**34**	**14.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	**13.3**	**5.28**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	**20.6**	**8.13**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	**60.1 J**	**26.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	**135 J**	**63.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	**67.1 J**	**31.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	**38.1**	**33.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	**30.1 JN**	**18.5 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	**37.3 JN**	**13.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	**19.8 JN**	**5.19 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	**4.92 JN**	**1.3 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	**47.4**	**35**	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	**2.79 J**	**1.39 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	**1.42 J**	**0.454**	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	**77.5**	**28.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	**83.3 JN**	**32.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	**34.6 JN**	**13.1 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	**13.3 JN**	**5.71 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	**5.29 JN**	**2.18 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	**130 J**	**55.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 6 - N.12th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
Coronene	NE	NE	NE	**14.4**	**7.16**	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	**12.7**	**7.65**	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	**1.16**	**0.307**	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	**4.36 J**	**1.14 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	**21.2 JN**	**4.03 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	**19.4 JN**	**4.76 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	**13.9 JN**	**3.36 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	**11.8 JN**	**3.15 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	**21.5 J**	**9.56**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	**89.4**	**61.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	**69.3**	**29.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	**68.3 JN**	**20.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	**40.3 JN**	**12.1 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	**17.4 JN**	**4.58 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	**4.44 JN**	**1.41 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	**46.4**	**36.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	**427 J**	**180**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	**256 JN**	**96.6 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	**75.9 JN**	**26.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	**28 JN**	**9.82 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	**135**	**102**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	**93.9 JN**	**31.9 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	**64.9 JN**	**17 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	**22.5 JN**	**6.6 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	**82.6 J**	**38**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	**9.14**	**5.15 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	**1.81 J**	**1.39 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	**331**	**216**	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	**455**	**335**	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	**28.1**	**9.81**	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	**31.1**	**11.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	**1220**	**956**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	**489 JN**	**345 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	**290 JN**	**149 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	**163 JN**	**50.3 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	**46.4 JN**	**13.7 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	**24.4 JN**	**8.48 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	**11.4 JN**	**3.94 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	**5.11 JN**	**1.82 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	**1.23 JN**	**0.462 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	**29.1 J**	**14.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
Phenanthrene	100	1000	100	**801**	**354**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	**361 JN**	**128 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	**149 JN**	**46.9 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	**39.3 JN**	**12.4 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	**9.95 JN**	**3.83 JN**	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	**5.27 J**	**2.93 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	**452 J**	**177**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	**4.52 J**	**3.39 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	**17.9**	**4.82 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	1.68 U	1.44 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	**20.8**	**13.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	**53.7**	**38.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	**8.39**	**10.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	**23.6**	**19.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	**19.4**	**19.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	**27.5**	**10.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)														
C-10	NE	NE	NE	1.8 U	**52.1 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	1.8 U	**5.74**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	1.8 U	1.43 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	**14.1**	**7.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	**73.1**	**54.4 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	**12.1**	**11.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	**6.29**	**10.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	**19.4**	**12.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	**9**	**9.99**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	1.8 U	**11.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	**13.7**	**7.68**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	1.8 U	**3.33**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	1.8 U	**3.37**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	1.8 U	**28.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	1.8 U	**12.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	1.8 U	**7.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	1.8 U	1.43 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	1.8 U	1.43 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	1.8 U	**3.02**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	1.8 U	**2.34**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	1.8 U	**5.37**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	1.8 U	**2.52**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	1.8 U	1.43 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	1.8 U	1.43 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

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C-34	NE	NE	NE	1.8 U	**5.93**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	1.8 U	**5.61**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	1.8 U	**1.82**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	1.8 U	**11.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	1.8 U	**12.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	1.8 U	**1.84**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	1.8 U	**1.35 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	**4.83**	**2.34**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	**29.4**	**23.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)														
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)														
Phytane (C20)	NE	NE	NE	**9.25**	**4.21**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	**11.9**	**5.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	**12.8**	**5.34**	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	**14.5**	**4.64**	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	1.8 U	**47.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)														
Aroclor 1242	NE	NE	NE	NA	NA	NA	0.02 U	NA	NA	0.05 U	0.02 UJ	0.023 UJ	NA	0.02 U
Aroclor 1248	NE	NE	NE	NA	NA	NA	0.02 U	NA	NA	0.05 U	0.02 UJ	0.023 UJ	NA	0.02 U
Aroclor 1254	NE	NE	NE	NA	NA	NA	0.02 U	NA	NA	0.05 U	0.02 UJ	0.023 UJ	NA	0.02 U
Aroclor 1260	NE	NE	NE	NA	NA	NA	**0.029 J**	NA	NA	0.05 U	0.02 UJ	0.023 UJ	NA	0.02 U
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.05 U	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	NA	NA	**0.029**	NA	NA	ND	ND	ND	NA	ND
Pesticides (mg/kg)														
Aldrin	0.005	0.19	0.097	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	NA	NA	**0.0023 JN**	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	NA	NA	0.002 U	NA	NA	0.0016 U	0.002 U	0.0023 U	NA	0.002 UJ
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.0313 U	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
gamma-Chlordane	NE	NE	NE	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	NA	NA	**0.0077 J**	NA	NA	0.0026 U	0.0038 UJ	0.0044 UJ	NA	0.004 UJ
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	NA	NA	**0.0041 JN**	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ

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Dieldrin	0.005	0.1	0.2	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ
alpha-Endosulfan (I)	2.4	102	24	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 UJ
beta-Endosulfan (II)	2.4	102	24	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ
Endosulfan sulfate	2.4	1000	24	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ
Endrin	0.014	0.06	11	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 UJ
Endrin aldehyde	NE	NE	NE	NA	NA	NA	0.0038 U	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 U
Endrin ketone	NE	NE	NE	NA	NA	NA	**0.017 J**	NA	NA	0.0026 U	0.0038 U	0.0044 U	NA	0.004 U
Heptachlor	0.042	0.38	2.1	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	0.002 U
Heptachlor epoxide	NE	NE	NE	NA	NA	NA	0.002 U	NA	NA	0.0026 U	0.002 U	0.0023 U	NA	**0.00087 J**
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	0.0026 U	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	NA	NA	0.02 UJ	NA	NA	0.0026 U	0.02 UJ	0.023 UJ	NA	0.02 UJ
Herbicides (mg/kg)														
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.1 U	NA	NA	0.193 U	0.099 U	0.1 U	NA	0.1 UJ
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.01 U	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	0.193 U	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	**2.33 J**	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	19.1 U	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	NA	NA	0.025 U	NA	NA	0.01 U	0.025 U	0.026 U	NA	0.026 U
2,4,5-TP (Silvex)	3.8	3.8	100	NA	NA	NA	0.025 U	NA	NA	0.01 U	0.025 U	0.026 U	NA	0.026 UJ
Metals (mg/kg)														
Aluminum	NE	NE	NE	**8540**	**1050**	**374**	**6640**	**2660**	**2700**	**5080**	**8570**	**8540**	**10700**	**8830**
Antimony	NE	NE	NE	4.58 U	1.3 U	2.43 U	4.6 UJ	4.7 UJ	5.2 UJ	2.36 U	4.7 UJ	5.5 UJ	5.3 UJ	5.1 UJ
Arsenic	13	16	16	**97.9**	**12.8**	**1.29**	**273**	**2 J**	6.6 U	**63.4**	**3.7**	**3.3 J**	**3.6**	**10.9**
Barium	350	820	400	**170**	**12 J**	**3.04 J**	**67.9**	**15.8**	**17.8**	**91**	**71.5**	**85.8**	**46.2**	**109**
Beryllium	7.2	47	72	2.02 U	0.57 U	0.53 U	**0.5 J**	**0.34 J**	**0.35 J**	**0.48 J**	**0.63 J**	**0.61 J**	**0.6 J**	**0.65 J**
Cadmium	2.5	7.5	4.3	**2.84 J**	1.04 UJ	0.97 UJ	1.4 UJ	1.4 UJ	1.6 UJ	1.89 U	1.4 UJ	1.7 UJ	1.6 UJ	1.5 UJ
Calcium	NE	NE	NE	**800 J**	**146 J**	**957 J**	**8940 J**	**772 J**	**788 J**	**7910**	**2070 J**	**2840 J**	**1880 J**	**2950**
Chromium	30	NE	180	**125**	**1.94 J**	**0.93 J**	**14.1 J**	**9.5 J**	**9.7 J**	**18**	**20.7 J**	**20.1 J**	**19.4 J**	**21.9 J**
Cobalt	NE	NE	NE	**12.2 J**	**0.76 J**	**0.63 J**	**6.6**	**4.9**	**5.1**	**3.81 J**	**8.2**	**8**	**8.5**	**5.6**
Copper	50	1720	270	**187**	**2.17 J**	12.1 UJ	**57.6**	**10.1**	**11.2**	**146**	**29.2**	**31.4**	**18.1**	**51 J**
Iron	NE	NE	NE	**32800**	**2000 J**	**1830 J**	**16300**	**17300**	**17500**	**11800**	**25300**	**20300**	**22900**	**21600**
Lead	63	450	400	**507**	**4.47 J**	24.3 U	**373**	4.2 U	4.7 U	**374**	**89**	**101**	**22**	**211**
Magnesium	NE	NE	NE	**4300 J**	**449 J**	**401 J**	**2500 J**	**1210 J**	**1330 J**	**2190**	**2680 J**	**2570**	**2990 J**	**2110**
Manganese	1600	2000	2000	**367**	**25.7**	**38.4**	**409**	**84.8**	**102**	**217**	**370**	**327 J**	**356**	**142 J**
Mercury	0.18	0.73	0.81	**3.74**	**0.543**	**0.004 J**	**0.26**	0.055 U	**0.0056 J**	**0.545**	**0.47 J**	**0.19 J**	**0.24**	**0.36**
Nickel	30	130	310	**38.9 J**	**1.31 J**	12.1 U	**14.9**	**6.9**	**7.2**	**15.4 J**	**16.4**	**15.8**	**15.8**	**14.7**
Potassium	NE	NE	NE	**4720 J**	**505 J**	1210 UJ	**855 J**	**486 J**	**541 J**	**849 J**	**1160 J**	**1120 J**	**878 J**	**1100**
Selenium	3.9	4	180	4.58 U	1.3 UJ	1.21 UJ	10.4 UJ	10.6 UJ	11.8 UJ	2.36 U	10.6 UJ	12.6 UJ	12 UJ	11.6 UJ
Silver	2	8.3	180	3.67 U	1.04 U	0.97 U	**0.084 J**	1.4 U	1.6 U	1.89 U	1.4 UJ	1.7 U	1.6 UJ	**0.17 J**
Sodium	NE	NE	NE	**6950 J**	1300 U	1210 U	**172 J**	**181 J**	**190 J**	**458 J**	**156 J**	**195 J**	**142 J**	**199**
Thallium	NE	NE	NE	4.58 U	1.3 U	1.21 U	4.2 UJ	**1.1 J**	**1.2 J**	2.36 U	4.2 UJ	5 UJ	4.8 UJ	4.6 U

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
Tin	NE	NE	NE	91.7 U	26.1 U	24.3 U	**52.4**	3.5 U	3.9 U	47.2 UJ	**5.4**	**8**	4 U	**7.5**
Vanadium	NE	NE	NE	**28.2**	**2.63 J**	**1.76 J**	**23**	**16**	**15.7**	**17.3**	**33.1**	**29.5**	**28.2**	**32.1**
Zinc	109	2480	10000	**455**	**7.89 J**	**5.5 J**	**433**	**23**	**23.4**	**150**	**62**	**68.2**	**44.6**	**122**
Cyanides (mg/kg)														
Free Cyanide	NE	NE	NE	0.367 U	0.251 U	0.25 U	0.233 U	0.228 U	0.251 U	0.212 U	0.235 U	0.266 U	0.259 U	0.238 U
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)														
C23 Tricyclic Terpane (T4)	NE	NE	NE	**0.0821 J**	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	**0.0938**	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	**0.0481 J**	**0.0392 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	**0.087 J**	**0.0495 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	**0.159**	**0.0466 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	**0.0642 J**	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	**0.0631 J**	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	**0.143**	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 6 - N.12th St										
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-249 (10-25) 9/22/2022	WW-SB-249 (15-20) 9/26/2022	WW-SB-249 (30-35) 9/26/2022	WW-SB-25 (1-3) 7/28/2009	WW-SB-25 (34-35) 7/28/2009	WW-SB-25 (52-53) 7/29/2009	WW-SB-250 (0-5ft) 7/28/2022	WW-SB-26 (1-4) 7/29/2009	Duplicate of WW-SB-26 (1-4) 7/29/2009	WW-SB-26 (12-13) 7/29/2009	WW-SB-27 (4-5) 8/3/2009
Pentakishomohopane-22S (T34)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	**0.144**	**0.129**	NA	NA	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	0.0899 U	0.0717 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)														
C9-C18 Aliphatics	NE	NE	NE	**2030 J**	935 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	**1090 J**	935 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	**5860**	**2540**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	**7260**	**4460**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	**24400**	**6680**	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	**18200**	**7760**	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	**22400**	**9410**	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
BTEX (mg/kg)										
Benzene	0.06	0.06	4.8	1.2 U	**0.0026 J**	**0.28 J**	0.0065 U	**0.0013 J**	0.0058 UJ	7.6 UJ
Toluene	0.7	0.7	100	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Ethylbenzene	1	1	41	1.2 U	0.0059 UJ	1.3 U	0.0065 U	**0.0011 J**	0.0058 UJ	**1.2 J**
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA
Total Xylene	0.26	1.6	100	1.2 U	0.0059 UJ	1.3 U	0.0065 U	**0.0063 J**	0.0058 UJ	7.6 UJ
Total BTEX	NE	NE	NE	ND	**0.0026**	**0.28**	ND	**0.0087**	ND	**1.2**
Other VOCs (mg/kg)										
Acetone	0.05	0.05	100	3.1 U	0.024 UJ	3.2 U	0.026 UJ	**0.058 J**	**0.0038 J**	19 UJ
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	1.2 U	0.0059 UJ	1.3 U	**0.0025 J**	**0.0018 J**	0.0058 UJ	7.6 UJ
Chlorobenzene	1.1	1.1	100	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Chloroform (Trichloromethane)	0.37	0.37	49	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 U	7.6 UJ
Cyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	0.27	0.27	26	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
1,1-Dichloroethene	0.33	0.33	100	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
cis-1,2-Dichloroethene	0.25	0.25	100	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
trans-1,2-Dichloroethene	0.19	0.19	100	1.2 U	0.0059 U	1.3 U	0.0065 U	0.0062 U	0.0058 U	7.6 UJ
1,2-Dichloropropane	NE	NE	NE	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Methyl acetate	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	1.2 U	0.012 U	1.3 U	0.013 U	0.012 U	0.012 UJ	7.6 UJ
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	1.2 U	0.0059 U	1.3 U	0.0065 U	0.0062 U	0.0058 U	7.6 UJ
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	0.05	0.05	100	1.2 U	0.024 UJ	1.3 U	0.026 U	0.025 U	0.023 UJ	7.6 UJ
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	1.2 U	0.0059 U	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Tetrachloroethene (PCE)	1.3	1.3	19	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Tetrahydrofuran	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NE	NE	NE	1.2 U	0.0059 U	1.3 U	0.0065 U	0.0062 U	0.0058 U	7.6 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
Trichloroethene (TCE)	0.47	0.47	21	1.2 U	0.0059 UJ	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.02	0.02	0.9	1.2 U	0.0059 U	1.3 U	0.0065 U	0.0062 U	0.0058 UJ	7.6 UJ
Total VOCs	NE	NE	NE	ND	**0.0026**	**0.28**	**0.0025**	**0.0685**	**0.0038**	**1.2**
PAHs (mg/kg)										
Acenaphthene	20	98	100	**0.056 J**	**1 J**	**0.24 J**	**0.47 J**	**3.7**	**8 J**	**72 J**
Acenaphthylene	100	107	100	0.33 U	**0.62 J**	**0.66 J**	6.8 U	**0.47 J**	**5.2 J**	**31 J**
Anthracene	100	1000	100	0.33 U	**0.67 J**	**1.1 J**	**0.5 J**	**2.2**	**26**	**60 J**
Benzo(a)anthracene	1	1	1	**0.035 J**	**0.96 J**	**3.2 J**	**0.81 J**	**2.3**	**89**	**120 J**
Benzo(b)fluoranthene	1	1.7	1	0.33 U	**1.6 J**	**3.5 J**	**0.84 J**	**2.2 J**	**100**	**120 J**
Benzo(k)fluoranthene	0.8	1.7	3.9	0.33 U	**0.56 J**	**1.3 J**	6.8 U	**0.88 J**	**49**	**46 J**
Benzo(g,h,i)perylene	100	1000	100	0.33 U	**2.1 J**	**2.7 J**	6.8 U	**3.4 J**	**67**	**97 J**
Benzo(a)pyrene	1	22	1	0.33 U	**1.4 J**	**3.9 J**	6.8 U	**2.7 J**	**95**	**140 J**
Chrysene	1	1	3.9	0.33 U	**1.1 J**	**2.6 J**	**0.78 J**	**2.2**	**95**	**110 J**
Dibenz(a,h)anthracene	0.33	1000	0.33	0.33 U	1.3 UJ	1.7 UJ	6.8 U	**0.91 J**	**17**	**27 J**
Fluoranthene	100	1000	100	**0.034 J**	**1.3 J**	**3.8 J**	**0.87 J**	**2.6**	**150**	**140 J**
Fluorene	30	386	100	**0.061 J**	1.3 U	1.7 U	6.8 U	**0.8**	**9.2 J**	20 U
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	0.33 U	**1.5 J**	**2.4 J**	6.8 U	**3.5 J**	**74**	**110 J**
2-Methylnaphthalene	NE	NE	NE	**2.1**	1.3 U	1.7 U	6.8 U	**1.1**	**9.5 J**	**3.4 J**
Naphthalene	12	12	100	**1.2**	1.3 U	1.7 U	6.8 U	**1.7**	**15 J**	20 U
Phenanthrene	100	1000	100	**0.093 J**	**0.74 J**	**0.25 J**	6.8 U	**1.2**	**100**	**34 J**
Pyrene	100	1000	100	**0.069 J**	**3.3 J**	**11**	**1.7 J**	**7.1**	**140**	**200 J**
Total PAHs	NE	NE	NE	**3.648**	**16.85**	**36.65**	**5.97**	**38.96**	**1048.9**	**1310.4**
Other SVOCs (mg/kg)										
Acetophenone	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	**0.26 J**	**0.87 J**	1.7 U	6.8 U	0.67 U	16 U	20 U
Butyl benzyl phthalate	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
Caprolactam	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	**0.1 J**	**14 J**	**2.3 J**
2-Chloronaphthalene	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
Dibenzofuran	7	210	59	0.33 U	**0.18 J**	1.7 U	6.8 U	**0.39 J**	**5.2 J**	20 U
Diethyl phthalate	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
Dimethyl phthalate	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
2,4-Dimethylphenol	NE	NE	NE	0.33 U	1.3 UJ	1.7 UJ	6.8 U	0.67 U	16 U	20 U
Di-n-butyl phthalate	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
2,6-Dinitrotoluene	NE	NE	NE	0.33 U	1.3 UJ	1.7 U	6.8 U	0.67 U	16 U	20 U
Di-n-octyl phthalate	NE	NE	NE	0.33 U	1.3 UJ	1.7 UJ	6.8 U	0.67 UJ	16 U	20 U
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.33 U	1.3 U	1.7 U	6.8 U	0.67 R	16 U	20 U

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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.33 U	1.3 U	1.7 U	6.8 U	0.67 R	16 U	20 U
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.33 U	1.3 U	1.7 U	6.8 U	0.67 U	16 U	20 U
Phenol	0.33	0.33	100	0.33 U	1.3 U	1.7 U	6.8 U	0.67 R	16 U	20 U
Total SVOCs	NE	NE	NE	**3.908**	**17.9**	**36.65**	**5.97**	**39.45**	**1068.1**	**1312.7**
Alkylated PAHs (mg/kg)										
Acenaphthene	20	98	100	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	100	107	100	NA	NA	NA	NA	NA	NA	NA
Anthracene	100	1000	100	NA	NA	NA	NA	NA	NA	NA
Benzene	0.06	0.06	4.8	NA	NA	NA	NA	NA	NA	NA
C1-Benzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C5-Benzenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1	1	1	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	1	1.7	1	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.8	1.7	3.9	NA	NA	NA	NA	NA	NA	NA
Benzo(j,k)fluoranthene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Benzo(c)fluorene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	100	1000	100	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	22	1	NA	NA	NA	NA	NA	NA	NA
Benzo(e)pyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Benzothiophene (1-Benzothiophene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C1-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Benzo(b)thiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Biphenyl (1,1-Biphenyl)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	12	12	100	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	11	11	100	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	5.9	5.9	100	NA	NA	NA	NA	NA	NA	NA
Chrysene	1	1	3.9	NA	NA	NA	NA	NA	NA	NA
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Chrysene/triphenylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
Coronene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
cis-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
trans-Decalin	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C1-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Decalins	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.33	1000	0.33	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	7	210	59	NA	NA	NA	NA	NA	NA	NA
Dibenzothiophene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C1-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Dibenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	1	1	41	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	100	1000	100	NA	NA	NA	NA	NA	NA	NA
C1-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Fluoranthenes/pyrenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Fluorene	30	386	100	NA	NA	NA	NA	NA	NA	NA
C1-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Fluorenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2-Methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Naphthalene	12	12	100	NA	NA	NA	NA	NA	NA	NA
C1-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Naphthalenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C1-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Naphthobenzothiophenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Perylene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

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Phenanthrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA
C1-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C2-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C3-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C4-Phenanthrenes/anthracenes	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	3.9	3.9	100	NA	NA	NA	NA	NA	NA	NA
Pyrene	100	1000	100	NA	NA	NA	NA	NA	NA	NA
Retene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Styrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Toluene	0.7	0.7	100	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trimethylbenzene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	3.6	3.6	52	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	8.4	8.4	52	NA	NA	NA	NA	NA	NA	NA
o-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	0.26	1.6	100	NA	NA	NA	NA	NA	NA	NA
4-methylpyrene	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
MAEPH (mg/kg)										
C-10	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-11	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-12	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-13	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-14	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-15	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-16	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-17	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-18	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-19	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-20	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-21	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-22	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-23	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-24	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-25	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-26	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-27	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-28	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-29	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-30	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-31	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-32	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-33	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

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C-34	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-35	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-36	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-37	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-38	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-39	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-8	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C-9	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
PFAS (mg/kg)										
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	NA	NA	NA	NA	NA	NA	NA
n-Alkanes and Isoprenoids (mg/kg)										
Phytane (C20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Pristane (C19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (mg/kg)										
Aroclor 1242	NE	NE	NE	NA	0.38 U	NA	0.044 U	NA	0.02 U	NA
Aroclor 1248	NE	NE	NE	NA	0.38 U	NA	0.044 U	NA	0.02 U	NA
Aroclor 1254	NE	NE	NE	NA	0.38 U	NA	0.044 U	NA	0.02 U	NA
Aroclor 1260	NE	NE	NE	NA	0.38 U	NA	0.044 U	NA	0.02 UJ	NA
Aroclor 1268	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.1	3.2	1	NA	ND	NA	ND	NA	ND	NA
Pesticides (mg/kg)										
Aldrin	0.005	0.19	0.097	NA	0.099 U	NA	0.023 UJ	NA	0.002 UJ	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	NA	0.099 U	NA	0.023 UJ	NA	0.002 UJ	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	NA	0.099 UJ	NA	0.023 UJ	NA	0.002 U	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	NA	0.099 UJ	NA	0.023 UJ	NA	0.002 U	NA
Chlordane (Technical)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Chlordane (Alpha & Gamma)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
alpha-chlordane	0.094	2.9	4.2	NA	0.099 U	NA	0.023 UJ	NA	0.002 UJ	NA
gamma-Chlordane	NE	NE	NE	NA	0.099 U	NA	0.023 UJ	NA	**0.0043 J**	NA
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	NA	0.099 U	NA	0.023 UJ	NA	**0.0092 JN**	NA
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	NA	0.099 U	NA	0.023 U	NA	0.0038 UJ	NA
4,4'-DDD (p,p-DDD)	0.0033	14	13	NA	0.099 UJ	NA	0.023 UJ	NA	0.0038 U	NA

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
Dieldrin	0.005	0.1	0.2	NA	0.099 U	NA	0.023 UJ	NA	0.0038 U	NA
alpha-Endosulfan (I)	2.4	102	24	NA	0.099 UJ	NA	0.023 UJ	NA	0.002 UJ	NA
beta-Endosulfan (II)	2.4	102	24	NA	0.099 U	NA	0.023 U	NA	0.0038 U	NA
Endosulfan sulfate	2.4	1000	24	NA	0.099 U	NA	0.023 U	NA	0.0038 U	NA
Endrin	0.014	0.06	11	NA	0.099 U	NA	0.023 UJ	NA	**0.022 J**	NA
Endrin aldehyde	NE	NE	NE	NA	0.099 U	NA	0.023 U	NA	0.019 UJ	NA
Endrin ketone	NE	NE	NE	NA	0.099 U	NA	0.023 U	NA	0.0038 UJ	NA
Heptachlor	0.042	0.38	2.1	NA	0.099 U	NA	0.023 UJ	NA	0.002 U	NA
Heptachlor epoxide	NE	NE	NE	NA	0.099 UJ	NA	0.023 UJ	NA	0.002 UJ	NA
Hexachlorobenzene	0.33	3.2	1.2	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NE	NE	NE	NA	0.19 U	NA	0.044 UJ	NA	**0.023 JN**	NA
Herbicides (mg/kg)										
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	NA	0.19 UJ	NA	0.11 U	NA	0.089 U	NA
Dicamba	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Dichloroprop	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Mecoprop (MCPP)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Methylchlorophenoxyacetic acid	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	NA	0.047 U	NA	0.027 U	NA	0.022 U	NA
2,4,5-TP (Silvex)	3.8	3.8	100	NA	**0.0068**	NA	0.027 U	NA	0.022 U	NA
Metals (mg/kg)										
Aluminum	NE	NE	NE	**9520**	**5520**	**5840**	**5700**	**4020**	**5490**	**15300 J**
Antimony	NE	NE	NE	5.1 UJ	4.8 UJ	5.3 UJ	**6.7 J**	5 UJ	4.6 UJ	**5.3 J**
Arsenic	13	16	16	**2.8 J**	**23.1**	**20**	**32.8 J**	**20.5**	**24.8**	**300 J**
Barium	350	820	400	**54**	**124 J**	**60.4 J**	**80.1**	**46.5 J**	**74.9 J**	**88.8 J**
Beryllium	7.2	47	72	**0.73 J**	1.5 UJ	1.6 U	**0.31 J**	**0.37 J**	**0.42 J**	**1.2 J**
Cadmium	2.5	7.5	4.3	1.5 U	**0.57 J**	1.6 U	1.6 U	**1.4 J**	**0.44 J**	**9.8 J**
Calcium	NE	NE	NE	**1600**	**43700**	**1580**	**3660 J**	**6310**	**3180**	**3310 J**
Chromium	30	NE	180	**17 J**	**12.5**	**24.9**	**15.4 J**	**10 J**	**15.5 J**	**435 J**
Cobalt	NE	NE	NE	**6.5**	**6.1 J**	**5.4 J**	**8.3**	**8.1**	**6.1**	**15.5 J**
Copper	50	1720	270	**16.8 J**	**53.1**	**19.9**	**236**	**79.3**	**143**	**1180 J**
Iron	NE	NE	NE	**19500**	**10600 J**	**11800 J**	**20300**	**21900**	**16600**	**98000 J**
Lead	63	450	400	**23.1**	**273**	**23.2**	**872 J**	**271 J**	**524**	**3980 J**
Magnesium	NE	NE	NE	**2580**	**2450**	**2890**	**2720**	**1810**	**2490**	**6720 J**
Manganese	1600	2000	2000	**311 J**	**117**	**216**	**196**	**139**	**122**	**878 J**
Mercury	0.18	0.73	0.81	**0.035**	**0.45 J**	**0.75 J**	**0.69 J**	**1.2**	**1.7**	**14.4 J**
Nickel	30	130	310	**12.7**	**16.4 J**	**11.3 J**	**15**	**18.8 J**	**15.4**	**91.6 J**
Potassium	NE	NE	NE	**929**	**950 J**	**4610 J**	**1020 J**	**641 J**	**864 J**	**2940 J**
Selenium	3.9	4	180	11.5 UJ	10.9 UJ	**4.9 J**	11.7 U	11.3 UJ	10.5 UJ	**12.3 J**
Silver	2	8.3	180	1.5 U	1.5 U	1.6 U	**0.19 J**	1.5 UJ	1.4 U	**10.1 J**
Sodium	NE	NE	NE	76.9 U	**511 J**	**976 J**	**310**	**353**	**810**	**13000 J**
Thallium	NE	NE	NE	4.6 U	4.4 U	4.8 U	**1.6 J**	4.5 UJ	4.2 UJ	13.7 UJ

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location				Adjacent to Parcel 6 - N.12th St						
Sample Name Sample Depth (feet) Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	WW-SB-27 (14-15) 8/4/2009	WW-SB-34 (2-5) 9/16/2009	WW-SB-34 (10-13) 9/16/2009	WW-SB-35 (1-4.5) 9/24/2009	WW-SB-35 (8-10) 9/30/2009	WW-SB-36 (3-5) 9/30/2009	WW-SB-36 (9-10) 9/30/2009
Tin	NE	NE	NE	3.8 U	**17.9**	**4.5**	**252**	**33.3**	**81.2**	**107**
Vanadium	NE	NE	NE	**23.4**	**15.4**	**17.6**	**22.3 J**	**15.3 J**	**20.9**	**66.3 J**
Zinc	109	2480	10000	**36.2**	**230**	**66.3**	**897**	**517 J**	**303 J**	**2470 J**
Cyanides (mg/kg)										
Free Cyanide	NE	NE	NE	0.249 U	0.23 UJ	0.256 UJ	0.257 UJ	0.24 UJ	0.231 U	**0.301 J**
Total Cyanide	27	40	27	NA	NA	NA	NA	NA	NA	NA
Biomarkers (mg/kg)										
C23 Tricyclic Terpane (T4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C24 Tricyclic Terpane (T5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C30 Tricyclic Terpane-22R	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30-Norhopane (T15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
17a(H)-Diahopane (X)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30-Normoretane (T17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Hopane (T19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Moretane (T20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22S (T21)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30-Homohopane-22R (T22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Gammacerane	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22S (T26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30,31-Bishomohopane-22R (T27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22S (T30)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
30,31-Trishomohopane-22R (T31)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22S (T32)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Tetrakishomohopane-22R (T33)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

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Pentakishomohopane-22S (T34)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Pentakishomohopane-22R (T35)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Other (mg/kg)										
C9-C18 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C19-C36 Aliphatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
C9-C40	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
BTEX (mg/kg)												
Benzene	0.06	0.06	4.8	424	207	217	0	-	0.2493	15	WW-MW-22(3-5')	0.00028
Toluene	0.7	0.7	100	424	270	154	0	-	1.5303	155	WW-MW-21(10-11')	0.000064
Ethylbenzene	1	1	41	424	247	177	0	-	0.09364	15	WW-SB-52(2-3)	0.00022
o-Xylene	0.26	1.6	100	264	167	97	0	-	0.026107	3.4	DUP-09292022	0.0008
m/p-Xylene	0.26	1.6	100	264	167	97	0	-	0.054825	6.8	WW-SB-215 5-10	0.0014
Total Xylene	0.26	1.6	100	160	103	57	0	0.00061	0.81673	15	WW-SB-XX (95-96)	0.00069
Total BTEX	NE	NE	NE	423	177	246	0	-	-	-	WW-SB-38(96.5-97)	0.00019
Other VOCs (mg/kg)												
Acetone	0.05	0.05	100	424	288	127	9	0.0032	34.436	3880	SB-241 0.5-3.5ft	0.003
n-Butylbenzene	12	12	100	247	179	68	0	-	0.87185	62	WW-SB-253 25-30	0.0008
sec-Butylbenzene	11	11	100	247	181	66	0	-	2.5617	155	WW-SB-243 10-15ft	0.0007
tert-Butylbenzene	5.9	5.9	100	247	203	44	0	-	2.3113	155	WW-SB-246 0-5	0.0013
Carbon disulfide	NE	NE	NE	424	336	88	0	-	4.5962	310	WW-SB-55(55-57')	0.00015
Chlorobenzene	1.1	1.1	100	424	422	1	1	-	2.2625	155	WW-SB-204 7-9	0.0233
Chloroform (Trichloromethane)	0.37	0.37	49	424	410	13	1	-	2.3373	155	WW-SB-54 (7-9')	0.00017
Cyclohexane	NE	NE	NE	241	167	74	0	0.00089	0.19899	18.7	WW-SB-213 5-10	0.0006
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	247	166	81	0	-	0.78285	62	WW-SB-245 5-10ft	0.0009
1,2-Dibromo-3-chloropropane	NE	NE	NE	264	263	1	0	-	8.2766	930	DUP-09232022	0.0045
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	264	263	1	0	-	1.8067	155	WW-SB-204 7-9	0.0402
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	264	263	1	0	-	1.8067	155	WW-SB-204 7-9	0.0104
1,1-Dichloroethane	0.27	0.27	26	424	422	1	1	-	2.2709	155	WW-MW-21(50-52')	0.00012
1,1-Dichloroethene	0.33	0.33	100	424	421	2	1	-	2.2323	155	WW-SB-XX	0.00075
cis-1,2-Dichloroethene	0.25	0.25	100	424	404	19	1	-	2.2961	155	WW-MW-21(10-11')	0.00032
trans-1,2-Dichloroethene	0.19	0.19	100	424	420	3	1	-	2.2376	155	WW-MW-21(10-11')	0.000052
1,2-Dichloropropane	NE	NE	NE	424	422	1	1	-	2.227	155	WW-SB-248(5-14')	0.0057
Isopropylbenzene	NE	NE	NE	264	166	98	0	-	0.69722	62	WW-SB-226 35-40ft	0.0009
Methyl acetate	NE	NE	NE	241	220	18	3	0.0015	15.263	1550	DUP-08112022	0.0119
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	424	368	46	10	-	25.396	3880	WW-SB-55(55-57')	0.00055
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	264	259	5	0	-	1.8993	155	WW-SB-245 5-10ft	0.001
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	424	423	1	0	-	11.106	1550	WW-MW-14 (36-37)	7
Methylcyclohexane	NE	NE	NE	241	156	85	0	0.00089	0.12724	18.7	WW-SB-234 20-25	0.0006
Methylene chloride	0.05	0.05	100	424	384	40	0	-	5.4726	775	WW-SB-XX	0.00081
Naphthalene	12	12	100	247	88	159	0	-	0.0056943	0.234	WW-SB-214 30-35	0.0005
n-Propylbenzene	3.9	3.9	100	247	151	96	0	-	0.25983	20.1	WW-SB-213 5-10	0.0005
Styrene	NE	NE	NE	424	354	69	1	-	1.0851	155	WW-SB-24 (53-55)	0.00019
1,1,2,2-Tetrachloroethane	NE	NE	NE	424	419	1	4	-	2.2844	155	WW-SB-243 10-15ft	0.0009
Tetrachloroethene (PCE)	1.3	1.3	19	424	415	8	1	-	2.2508	155	WW-MW-21(10-11')	0.000095
Tetrahydrofuran	NE	NE	NE	178	175	3	0	0.0015	0.0031143	0.0087	WW-SB-213 35-40	0.0009
1,2,3-Trichlorobenzene	NE	NE	NE	264	262	1	1	-	1.8135	155	WW-SB-251 6-9	0.0148
1,1,2-Trichloroethane	NE	NE	NE	424	421	3	0	-	2.2319	155	WW-SB-31 (1-5)	0.028

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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
Trichloroethene (TCE)	0.47	0.47	21	424	411	12	1	-	2.1191	155	WW-SB-54 (7-9')	0.00047
1,2,4-Trimethylbenzene	3.6	3.6	52	247	138	109	0	-	0.0029855	0.0087	WW-SB-253 0-5ft	0.0009
1,3,5-Trimethylbenzene	8.4	8.4	52	247	154	93	0	-	0.02761	3.4	WW-SB-213 5-10	0.0005
Vinyl chloride	0.02	0.02	0.9	424	418	5	1	-	2.2939	155	WW-MW-21(10-11')	0.00028
Total VOCs	NE	NE	NE	415	77	338	0	-	-	-	WW-SB-38(96.5-97)	0.00019
PAHs (mg/kg)												
Acenaphthene	20	98	100	424	165	259	0	-	6.6273	1000	WW-SB-218 35-40	0.0199
Acenaphthylene	100	107	100	424	174	250	0	-	1.4326	150	WW-MW-202 (40-42')	0.014
Anthracene	100	1000	100	424	149	275	0	-	7.0883	1000	WW-MW-203D(68-70')	0.012
Benzo(a)anthracene	1	1	1	424	148	276	0	-	7.6827	1000	WW-SB-32 (43-44)	0.02
Benzo(b)fluoranthene	1	1.7	1	424	156	268	0	-	7.7937	1000	WW-MW-06 (58-60)	0.016
Benzo(k)fluoranthene	0.8	1.7	3.9	424	188	236	0	-	13.196	1000	WW-MW-204D (40-42)	0.012
Benzo(g,h,i)perylene	100	1000	100	424	179	245	0	-	12.717	1000	WW-SB-243 0-5	0.0243
Benzo(a)pyrene	1	22	1	424	149	275	0	-	1.4643	160	WW-SB-31 (52-54)	0.02
Chrysene	1	1	3.9	424	155	269	0	-	7.4378	1000	WW-MW-200D(40-42)	0.016
Dibenz(a,h)anthracene	0.33	1000	0.33	424	230	194	0	0.034	19.63	1200	WW-SB-47(1-2)	0.028
Fluoranthene	100	1000	100	424	137	287	0	-	7.6476	1000	WW-MW-202 (40-42')	0.021
Fluorene	30	386	100	424	173	251	0	-	0.58758	20	WW-SB-220 35-40	0.0187
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	424	184	240	0	-	20.031	1200	WW-SB-243 0-5	0.0238
2-Methylnaphthalene	NE	NE	NE	424	175	249	0	-	1.0102	16	WW-MW-XX (0-2)	0.014
Naphthalene	12	12	100	424	166	258	0	-	1.1443	20	WW-SB-18 (9-10)	0.017
Phenanthrene	100	1000	100	424	127	297	0	-	0.45698	6.8	DUP-07282022	0.0183
Pyrene	100	1000	100	424	123	301	0	-	0.33981	1.7	DUP-01	0.0095
Total PAHs	NE	NE	NE	424	82	342	0	-	-	-	DUP-01	0.0095
Other SVOCs (mg/kg)												
Acetophenone	NE	NE	NE	241	196	45	0	0.172	0.8934	6.65	WW-SB-250 0-5ft	0.0236
Biphenyl (1,1-Biphenyl)	NE	NE	NE	241	139	102	0	0.0172	0.2448	1.14	WW-MW-204 30-32	0.0145
Bis(2-ethylhexyl)phthalate	NE	NE	NE	424	341	83	0	-	13.88	1200	WW-MW-05 (63-64)	0.031
Butyl benzyl phthalate	NE	NE	NE	424	398	26	0	-	11.915	1200	WW-SB-223 7-10	0.0446
Caprolactam	NE	NE	NE	241	221	19	1	0.172	0.64933	5.75	WW-SB-231 0-5	0.0397
Carbazole	NE	NE	NE	424	255	169	0	-	16.521	1200	WW-SB-251 0-5	0.0157
2-Chloronaphthalene	NE	NE	NE	424	421	3	0	-	11.385	1200	WW-SB-205 10-12	0.0169
Dibenzofuran	7	210	59	424	219	205	0	-	6.2811	1000	WW-MW-202 (40-42')	0.02
Diethyl phthalate	NE	NE	NE	424	423	1	0	-	11.677	1200	WW-SB-207 7-10	0.0968
Dimethyl phthalate	NE	NE	NE	424	423	1	0	-	11.691	1200	WW-MW-204D (40-42)	0.21
2,4-Dimethylphenol	NE	NE	NE	424	390	24	10	-	12.157	1200	WW-SB-250 0-5ft	0.0278
Di-n-butyl phthalate	NE	NE	NE	424	410	14	0	-	12.031	1200	WW-MW-205D (38-40')	0.015
2,6-Dinitrotoluene	NE	NE	NE	424	423	1	0	-	11.595	1200	WW-TP-200C-10	0.647
Di-n-octyl phthalate	NE	NE	NE	424	419	5	0	-	11.676	1200	WW-SB-217 0-5	0.0332
2-Methylnaphthalene	NE	NE	NE	241	78	163	0	0.195	0.38835	1.2	WW-MW-202 50-52	0.0201
2-Methylphenol (o-Cresol)	0.33	0.33	100	424	382	32	10	-	12.402	1200	WW-SB-218 0-5	0.0192

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	247	191	47	9	-	11.214	2000	WW-SB-225 5-10ft	0.039
4-Methylphenol (p-Cresol)	0.33	0.33	100	177	173	3	1	0.29	20.872	1200	WW-SB-17 (45-46)	0.055
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	424	422	2	0	-	11.311	1200	WW-SB-247 10-15ft	0.337
Phenol	0.33	0.33	100	424	397	15	12	0.172	12.395	1200	WW-SB-18 (51-53)	0.046
Total SVOCs	NE	NE	NE	424	74	350	0	-	-	-	DUP-01	0.0095
Alkylated PAHs (mg/kg)												
Acenaphthene	20	98	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00635
Acenaphthylene	100	107	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00447
Anthracene	100	1000	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00899
Benzene	0.06	0.06	4.8	29	2	27	0	0.00568	0.01579	0.0259	DUP-08082022-01	0.0417
C1-Benzene	NE	NE	NE	29	7	22	0	0.0726	0.56311	1.52	WW-SB-246 0-5	0.106
C2-Benzenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00842
C3-Benzenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0129
C4-Benzenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0145
C5-Benzenes	NE	NE	NE	29	1	28	0	0.31	0.31	0.31	WW-SB-245 5-10ft	0.0152
Benzo(a)anthracene	1	1	1	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0494
Benzo(b)fluoranthene	1	1.7	1	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0268
Benzo(k)fluoranthene	0.8	1.7	3.9	26	0	26	0	-	-	-	WW-SB-248 (0-5)	0.356
Benzo(j,k)fluoranthene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0208
Benzo(b)fluorene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00611
Benzo(c)fluorene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	DUP-08082022-01	0.0245
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0204
Benzo(g,h,i)perylene	100	1000	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0165
Benzo(a)pyrene	1	22	1	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0298
Benzo(e)pyrene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0256
Benzothiophene (1-Benzothiophene)	NE	NE	NE	29	2	27	0	0.00838	0.00954	0.0107	WW-SB-246 0-5	0.0069
C1-Benzo(b)thiophenes	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0111
C2-Benzo(b)thiophenes	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.00876
C3-Benzo(b)thiophenes	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.00542
C4-Benzo(b)thiophenes	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.00432
Biphenyl (1,1-Biphenyl)	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0195
n-Butylbenzene	12	12	100	29	2	27	0	0.00838	0.04404	0.0797	WW-SB-246 0-5	0.0064
sec-Butylbenzene	11	11	100	29	2	27	0	0.00838	0.01774	0.0271	WW-SB-246 0-5	0.00558
tert-Butylbenzene	5.9	5.9	100	29	17	12	0	0.00411	0.034521	0.0899	WW-SB-227(0-5)	0.00901
Chrysene	1	1	3.9	26	0	26	0	-	-	-	WW-SB-248 (0-5)	0.462
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.144
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.175
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.114
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0595
Chrysene/triphenylene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0609

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Coronene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00419
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.00964
cis-Decalin	NE	NE	NE	29	2	27	0	0.00838	0.01774	0.0271	WW-SB-253 0-5ft	0.00434
trans-Decalin	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0133
C1-Decalins	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0627
C2-Decalins	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0616
C3-Decalins	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.036
C4-Decalins	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0371
Dibenz(a,h)anthracene	0.33	1000	0.33	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00613
Dibenzofuran	7	210	59	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0356
Dibenzothiophene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0501
C1-Dibenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00576
C2-Dibenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0295
C3-Dibenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0319
C4-Dibenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0185
Ethylbenzene	1	1	41	29	1	28	0	0.00838	0.00838	0.00838	DUP-08082022-01	0.0181
Fluoranthene	100	1000	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0287
C1-Fluoranthenes/pyrenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0807
C2-Fluoranthenes/pyrenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.109
C3-Fluoranthenes/pyrenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.143
Fluorene	30	386	100	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0634
C1-Fluorenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0051
C2-Fluorenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0145
C3-Fluorenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0324
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0196
Isopropylbenzene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	DUP-08082022-01	0.00717
Methylcyclohexane	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	DUP-08082022-01	0.012
1-Methylnaphthalene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0892
2-Methylnaphthalene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.108
1-Methylpyrene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00964
2-Methylpyrene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0144
Naphthalene	12	12	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00706
C1-Naphthalenes	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.121
C2-Naphthalenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00922
C3-Naphthalenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0121
C4-Naphthalenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0178
C1-Naphthobenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0872
C2-Naphthobenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.115
C3-Naphthobenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0427
C4-Naphthobenzothiophenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0136
Perylene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0113

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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
Phenanthrene	100	1000	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0145
C1-Phenanthrenes/anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0179
C2-Phenanthrenes/anthracenes	NE	NE	NE	29	1	28	0	0.00411	0.00411	0.00411	WW-SB-245 5-10ft	0.0578
C3-Phenanthrenes/anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.132
C4-Phenanthrenes/anthracenes	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0611
n-Propylbenzene	3.9	3.9	100	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0102
Pyrene	100	1000	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0739
Retene	NE	NE	NE	29	5	24	0	0.00838	0.039836	0.0797	WW-SB-253 0-5ft	0.055
Styrene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00861
Toluene	0.7	0.7	100	29	7	22	0	0.0835	0.63961	1.68	WW-SB-246 0-5	0.124
1,2,3-Trimethylbenzene	NE	NE	NE	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-246 0-5	0.0173
1,2,4-Trimethylbenzene	3.6	3.6	52	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00528
1,3,5-Trimethylbenzene	8.4	8.4	52	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-253 0-5ft	0.0138
o-Xylene	0.26	1.6	100	29	1	28	0	0.00838	0.00838	0.00838	WW-SB-253 0-5ft	0.0137
m/p-Xylene	0.26	1.6	100	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.00765
4-methylpyrene	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	0.0147
MAEPH (mg/kg)												
C-10	NE	NE	NE	29	2	27	0	0.838	1.319	1.8	WW-SB-253 0-5ft	0.212
C-11	NE	NE	NE	29	14	15	0	0.417	1.3108	5	WW-SB-253 0-5ft	0.272
C-12	NE	NE	NE	29	11	18	0	0.497	1.5625	5	WW-SB-246 0-5	0.423
C-13	NE	NE	NE	29	11	18	0	0.417	1.6488	5	WW-SB-227(0-5)	0.301
C-14	NE	NE	NE	29	11	18	0	0.417	1.6488	5	WW-SB-227(0-5)	0.428
C-15	NE	NE	NE	29	16	13	0	0.417	1.388	5	WW-SB-227(0-5)	0.229
C-16	NE	NE	NE	29	20	9	0	0.417	1.279	5	WW-SB-210 10-15	0.72
C-17	NE	NE	NE	29	17	12	0	0.417	1.3465	5	WW-SB-227(0-5)	0.306
C-18	NE	NE	NE	29	19	10	0	0.417	1.3225	5	WW-SB-227(0-5)	0.262
C-19	NE	NE	NE	29	21	8	0	0.417	1.3069	5	WW-SB-227(0-5)	0.33
C-20	NE	NE	NE	29	19	10	0	0.417	1.3038	5	WW-SB-227(0-5)	0.238
C-21	NE	NE	NE	29	20	9	0	0.417	1.3464	5	WW-SB-227(0-5)	0.33
C-22	NE	NE	NE	29	23	6	0	0.417	1.2376	5	WW-SB-253 0-5ft	0.515
C-23	NE	NE	NE	29	16	13	0	0.417	1.3978	5	WW-SB-227(0-5)	0.534
C-24	NE	NE	NE	29	20	9	0	0.417	1.3255	5	WW-SB-253 0-5ft	0.807
C-25	NE	NE	NE	29	18	11	0	0.452	1.3238	5	WW-SB-246 0-5	0.394
C-26	NE	NE	NE	29	23	6	0	0.417	1.2773	5	WW-SB-253 0-5ft	0.907
C-27	NE	NE	NE	29	17	12	0	0.417	1.3959	5	WW-SB-253 0-5ft	1.6
C-28	NE	NE	NE	29	21	8	0	0.417	1.2532	5	WW-SB-253 0-5ft	0.992
C-29	NE	NE	NE	29	23	6	0	0.417	1.2446	5	WW-SB-253 0-5ft	0.811
C-30	NE	NE	NE	29	23	6	0	0.417	1.2446	5	WW-SB-253 0-5ft	0.955
C-31	NE	NE	NE	29	22	7	0	0.417	1.2271	5	WW-SB-253 10-15	1.04
C-32	NE	NE	NE	29	25	4	0	0.417	1.2726	5	WW-SB-253 0-5ft	0.902
C-33	NE	NE	NE	29	25	4	0	0.417	1.2514	5	WW-SB-253 0-5ft	0.944

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C-34	NE	NE	NE	29	24	5	0	0.417	1.1975	5	WW-SB-248(5-14')	0.82
C-35	NE	NE	NE	29	21	8	0	0.417	1.3481	5	WW-SB-253 0-5ft	0.992
C-36	NE	NE	NE	29	25	4	0	0.417	1.2349	5	WW-SB-210 10-15	0.433
C-37	NE	NE	NE	29	19	10	0	0.417	1.3732	5	WW-SB-248(5-14')	0.542
C-38	NE	NE	NE	29	20	9	0	0.417	1.358	5	WW-SB-253 0-5ft	0.476
C-39	NE	NE	NE	29	25	4	0	0.417	1.2349	5	WW-SB-253 0-5ft	0.265
C-40	NE	NE	NE	29	26	3	0	0.411	1.2032	5	WW-SB-210 10-15	0.516
C-8	NE	NE	NE	29	9	20	0	0.411	0.68456	1.76	WW-SB-227(0-5)	0.243
C-9	NE	NE	NE	29	5	24	0	0.411	0.5316	0.838	WW-SB-249(0-5)	0.309
PFAS (mg/kg)												
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	7	6	1	0	0.001	0.001	0.001	WW-SB-212 1.5-5	0.00055
Perfluorononanoic Acid (PFNA)	NE	NE	NE	7	6	1	0	0.001	0.001	0.001	SB-237 0.5-5ft	0.00032
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	7	0	7	0	-	-	-	WW-SB-212 1.5-5	0.0003
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	7	3	4	0	0.001	0.001	0.001	WW-SB-233 0.5-5	0.00021
n-Alkanes and Isoprenoids (mg/kg)												
Phytane (C20)	NE	NE	NE	29	5	24	0	0.417	1.4748	5	WW-SB-204 0-5	0.471
Pristane (C19)	NE	NE	NE	29	5	24	0	0.417	1.4748	5	WW-SB-204 0-5	0.68
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	29	4	25	0	0.417	1.688	5	WW-SB-253 0-5ft	0.303
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	29	4	25	0	0.417	1.688	5	WW-SB-204 0-5	0.564
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	29	5	24	0	0.417	1.7104	5	WW-SB-253 0-5ft	0.556
PCB Aroclors (mg/kg)												
Aroclor 1242	NE	NE	NE	135	133	2	0	0.018	0.075098	2	WW-SB-236 0-5ft	0.6
Aroclor 1248	NE	NE	NE	135	132	3	0	0.018	0.075598	2	WW-SS-06 (0-0.2)	0.018
Aroclor 1254	NE	NE	NE	135	107	28	0	0.019	0.083897	2	WW-SS-07 (0-0.2)	0.021
Aroclor 1260	NE	NE	NE	135	77	58	0	0.019	0.094857	2	WW-MW-04 (5-10)	0.012
Aroclor 1268	NE	NE	NE	89	82	7	0	0.03	0.058671	0.2	WW-SS-09 (0-0.2)	0.0075
Total PCB Aroclors	0.1	3.2	1	135	74	61	0	-	-	-	WW-MW-04 (5-10)	0.012
Pesticides (mg/kg)												
Aldrin	0.005	0.19	0.097	135	133	2	0	0.0018	0.01305	0.42	WW-SB-208 0-5ft	0.001
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	135	131	4	0	0.0018	0.013224	0.42	WW-SB-25 (1-3)	0.0023
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	135	132	3	0	0.0015	0.012491	0.42	WW-MW-11 (3-5)	0.00077
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	135	130	5	0	0.0018	0.013312	0.42	WW-MW-04 (5-10)	0.00082
Chlordane (Technical)	NE	NE	NE	69	19	50	0	0.0305	0.045184	0.155	DUP-08032022	0.0119
Chlordane (Alpha & Gamma)	NE	NE	NE	13	12	1	0	0.073	0.078417	0.084	WW-SB-55(3-5')	0.094
alpha-chlordane	0.094	2.9	4.2	122	71	51	0	0.0018	0.02102	0.42	WW-MW-203 0-5ft	0.0014
gamma-Chlordane	NE	NE	NE	122	59	63	0	0.0018	0.024622	0.42	WW-MW-203 0-5ft	0.001
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	135	92	43	0	0.0025	0.017775	0.42	WW-SB-251 0-5	0.0015
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	135	92	43	0	0.0025	0.016546	0.42	WW-SB-230 0-5	0.0013
4,4'-DDD (p,p-DDD)	0.0033	14	13	135	118	16	1	0.0025	0.013672	0.42	WW-SB-244 0-5	0.0017

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location / Sample Name / Sample Depth (feet) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Summary Statistics								
				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
Dieldrin	0.005	0.1	0.2	135	80	55	0	0.0026	0.020256	0.42	WW-SS-05 (0-0.2)	0.0013
alpha-Endosulfan (I)	2.4	102	24	135	133	2	0	0.0018	0.013056	0.42	WW-SS-XX-100609	0.0068
beta-Endosulfan (II)	2.4	102	24	135	118	17	0	0.0025	0.014688	0.42	DUP-08032022	0.0014
Endosulfan sulfate	2.4	1000	24	135	131	4	0	0.0025	0.013495	0.42	WW-SB-223 0-5	0.0028
Endrin	0.014	0.06	11	135	125	8	2	0.0025	0.013937	0.42	WW-SS-04 (0-0.2)	0.0039
Endrin aldehyde	NE	NE	NE	135	120	15	0	0.0025	0.014476	0.42	WW-SB-232 0-5ft	0.0034
Endrin ketone	NE	NE	NE	135	126	9	0	0.0025	0.012263	0.42	WW-SB-13 (4-5)	0.0016
Heptachlor	0.042	0.38	2.1	135	120	15	0	0.0018	0.01416	0.42	WW-SB-232 0-5ft	0.001
Heptachlor epoxide	NE	NE	NE	135	130	4	1	0.0018	0.013302	0.42	WW-SB-27 (4-5)	0.00087
Hexachlorobenzene	0.33	3.2	1.2	69	66	3	0	0.0025	0.0031136	0.0129	SB-238 0.4-5ft	0.0011
Methoxychlor	NE	NE	NE	135	123	12	0	0.0025	0.026069	0.81	WW-SB-254 0.6-5ft	0.0053
Herbicides (mg/kg)												
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	135	134	1	0	0.018	0.14066	0.557	SB-240 0.5-4.5ft	0.028
Dicamba	NE	NE	NE	69	65	4	0	0.009	0.010385	0.028	WW-SB-253 0-5ft	0.01
Dichloroprop	NE	NE	NE	69	68	1	0	0.187	0.20728	0.557	WW-SB-242 0-5	1.64
Mecoprop (MCPP)	NE	NE	NE	69	47	22	0	18.7	20.138	22.8	WW-SB-207 0.4-5ft	2.1
Methylchlorophenoxyacetic acid	NE	NE	NE	69	61	8	0	18.5	20.487	55.1	WW-SB-208 0-5ft	1.81
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	135	133	2	0	0.009	0.017511	0.12	WW-SB-202 0.4-5ft	0.002
2,4,5-TP (Silvex)	3.8	3.8	100	135	124	11	0	0.009	0.017742	0.12	WW-SB-239 5-7ft	0.001
Metals (mg/kg)												
Aluminum	NE	NE	NE	424	0	424	0	-	-	-	WW-SB-246 30-35ft	298
Antimony	NE	NE	NE	424	387	36	1	-	3.1444	22.7	WW-MW-202 (40-42')	0.15
Arsenic	13	16	16	424	77	346	1	-	5.3603	28.9	WW-SB-245 35-40ft	0.13
Barium	350	820	400	424	1	423	0	45.1	45.1	45.1	WW-SB-246 30-35ft	2.54
Beryllium	7.2	47	72	424	60	364	0	-	0.98582	3.06	WW-MW-201D (43-45')	0.12
Cadmium	2.5	7.5	4.3	424	342	82	0	-	1.691	6.9	WW-SB-55(12-14')	0.27
Calcium	NE	NE	NE	424	16	408	0	65.1	74.012	84.3	WW-SB-246 30-35ft	62.4
Chromium	30	NE	180	424	3	421	0	2.1	4.9367	7.9	WW-SB-249 30-35ft	0.93
Cobalt	NE	NE	NE	424	16	408	0	-	2.6956	12	WW-SB-242 25-30ft	0.5
Copper	50	1720	270	424	15	409	0	5.6	22.38	69.4	WW-SB-249 15-20ft	2.17
Iron	NE	NE	NE	424	1	423	0	90.1	90.1	90.1	WW-SB-49(84-85)	329
Lead	63	450	400	424	45	379	0	1	27.622	139	WW-SB-XX (95-96)	1.5
Magnesium	NE	NE	NE	424	3	421	0	72.5	73.367	73.8	WW-SB-37(96-97)	62.9
Manganese	1600	2000	2000	424	1	423	0	0.015	0.015	0.015	WW-SB-37(96-97)	4.1
Mercury	0.18	0.73	0.81	415	144	271	0	-	0.031333	0.065	WW-SB-249 30-35ft	0.004
Nickel	30	130	310	424	12	412	0	-	18.117	69.4	WW-SB-249 15-20ft	1.31
Potassium	NE	NE	NE	424	27	397	0	71.2	1762.8	4500	WW-SB-38(96.5-97)	32.4
Selenium	3.9	4	180	424	297	104	23	-	5.0902	51.6	WW-MW-202 (40-42')	0.13
Silver	2	8.3	180	424	383	41	0	-	1.7909	6.9	WW-MW-15 (1-4)	0.083
Sodium	NE	NE	NE	424	135	289	0	-	1331.9	4500	WW-SB-42 (96.5-97)	46.3
Thallium	NE	NE	NE	424	378	34	12	-	2.9424	20.6	WW-MW-201D (43-45')	0.036

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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
Tin	NE	NE	NE	401	312	89	0	3.2	33.158	139	WW-MW-203D(68-70')	1.3
Vanadium	NE	NE	NE	424	2	422	0	-	5.8	11.6	WW-SB-246 30-35ft	1.41
Zinc	109	2480	10000	424	5	419	0	7.5	21.44	34.4	WW-SB-246 30-35ft	2.66
Cyanides (mg/kg)												
Free Cyanide	NE	NE	NE	401	388	13	0	0.205	0.32974	2.6	WW-SB-31 (1-5)	0.0478
Total Cyanide	27	40	27	23	15	8	0	-	-	-	BPB-11 7-9-4/25/2006	0.73
Biomarkers (mg/kg)												
C23 Tricyclic Terpane (T4)	NE	NE	NE	29	2	27	0	0.0176	0.04465	0.0717	WW-SB-246 0-5	0.00467
C24 Tricyclic Terpane (T5)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00302
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	29	2	27	0	0.0176	0.04465	0.0717	WW-SB-246 0-5	0.00227
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	29	6	23	0	0.0176	0.06105	0.0899	WW-SB-246 0-5	0.00317
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	29	6	23	0	0.00417	0.048462	0.0899	WW-SB-245 0-5	0.00389
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	29	6	23	0	0.00417	0.057445	0.0899	WW-SB-248(0-5)	0.00675
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	29	6	23	0	0.00417	0.048145	0.0899	WW-SB-248(0-5)	0.00534
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	29	6	23	0	0.00417	0.057445	0.0899	WW-SB-248(0-5)	0.0056
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	29	6	23	0	0.00417	0.048462	0.0899	WW-SB-248(0-5)	0.0056
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	29	5	24	0	0.00417	0.052994	0.0899	WW-SB-248(0-5)	0.00454
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	29	6	23	0	0.00417	0.048662	0.0899	WW-SB-248(0-5)	0.00463
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	29	4	25	0	0.0176	0.0652	0.0899	WW-SB-246 0-5	0.00232
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0042
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	29	7	22	0	0.00417	0.042311	0.0899	WW-SB-248(0-5)	0.00518
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	29	6	23	0	0.0176	0.06105	0.0899	WW-SB-246 0-5	0.00225
C30 Tricyclic Terpane-22R	NE	NE	NE	29	1	28	0	0.0797	0.0797	0.0797	WW-SB-246 0-5	0.00219
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	29	9	20	0	0.00417	0.050974	0.0899	WW-SB-248(0-5)	0.00322
30-Norhopane (T15)	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0077
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	29	4	25	0	0.00417	0.059292	0.0816	WW-SB-248(0-5)	0.00653
17a(H)-Diahopane (X)	NE	NE	NE	29	6	23	0	0.00417	0.041495	0.0797	WW-SB-248(0-5)	0.00317
30-Normoretane (T17)	NE	NE	NE	29	4	25	0	0.00417	0.045842	0.0899	WW-SB-248(0-5)	0.00373
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	29	8	21	0	0.00608	0.04786	0.0899	WW-SB-245 0-5	0.00616
Hopane (T19)	NE	NE	NE	29	1	28	0	0.0717	0.0717	0.0717	WW-SB-246 0-5	0.00986
Moretane (T20)	NE	NE	NE	29	13	16	0	0.00417	0.036795	0.0899	WW-SB-248(0-5)	0.00429
30-Homohopane-22S (T21)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00502
30-Homohopane-22R (T22)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00686
Gammacerane	NE	NE	NE	29	27	2	0	0.00411	0.030476	0.0899	WW-SB-210 10-15	0.00538
30,31-Bishomohopane-22S (T26)	NE	NE	NE	29	4	25	0	0.0176	0.0652	0.0899	WW-SB-246 0-5	0.00643
30,31-Bishomohopane-22R (T27)	NE	NE	NE	29	4	25	0	0.0176	0.0652	0.0899	WW-SB-246 0-5	0.00257
30,31-Trishomohopane-22S (T30)	NE	NE	NE	29	6	23	0	0.00838	0.058147	0.0899	WW-SB-246 0-5	0.00258
30,31-Trishomohopane-22R (T31)	NE	NE	NE	29	6	23	0	0.00417	0.045558	0.0899	WW-SB-248(0-5)	0.00534
Tetrakishomohopane-22S (T32)	NE	NE	NE	29	12	17	0	0.00838	0.049573	0.0899	WW-SB-248(0-5)	0.00318
Tetrakishomohopane-22R (T33)	NE	NE	NE	29	13	16	0	0.00417	0.048665	0.0899	WW-SB-248(0-5)	0.0114

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				Number of Results	Number of Nondetects	Number of Detects	Number of Rejects	Minimum Nondetect	Average Nondetect	Maximum Nondetect	Minimum Detect ID	Minimum Detect
Pentakishomohopane-22S (T34)	NE	NE	NE	29	14	15	0	0.00417	0.044459	0.0899	WW-SB-245 0-5	0.00415
Pentakishomohopane-22R (T35)	NE	NE	NE	29	16	13	0	0.00417	0.040825	0.0899	WW-SB-227(0-5)	0.01
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	29	4	25	0	0.0176	0.0652	0.0899	WW-SB-246 0-5	0.00277
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	29	6	23	0	0.00417	0.048462	0.0899	WW-SB-248(0-5)	0.00876
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	29	6	23	0	0.00417	0.048462	0.0899	WW-SB-248(0-5)	0.00807
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00583
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00227
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00223
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	0.0103
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	29	13	16	0	0.00417	0.036637	0.0899	WW-SB-245 5-10ft	0.00729
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	29	8	21	0	0.00417	0.042402	0.0899	WW-SB-245 5-10ft	0.00571
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.0043
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00301
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00477
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00311
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00328
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00527
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00288
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	29	3	26	0	0.0176	0.059733	0.0899	WW-SB-246 0-5	0.00225
Other (mg/kg)												
C9-C18 Aliphatics	NE	NE	NE	29	5	24	0	78.3	252.06	935	WW-SB-227(0-5)	99.6
C19-C36 Aliphatics	NE	NE	NE	29	3	25	1	78.7	365.63	935	WW-SB-227(0-5)	109
C11-C22 Aromatics	NE	NE	NE	29	3	26	0	78.7	80.933	83.2	DUP-08082022-01	117
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	29	3	26	0	78.7	80.933	83.2	DUP-08082022-01	117
Total Petroleum Hydrocarbons	NE	NE	NE	40	0	40	0	-	-	-	WW-SB-214 0.5-5	83.7
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-246 0-5	126
C9-C40	NE	NE	NE	29	0	29	0	-	-	-	WW-SB-245 5-10ft	282

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				Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of Groundwater SCO	Number of Exceedances Restricted-Residential SCO
BTEX (mg/kg)										
Benzene	0.06	0.06	4.8	44.598	2400	BPB-17 21-23-5/25/2006	22.886	115	115	49
Toluene	0.7	0.7	100	81.664	3100	BPB-17 21-23-5/25/2006	30.148	53	53	16
Ethylbenzene	1	1	41	76.708	1440	WW-SB-231 20-25ft	32.049	89	89	47
o-Xylene	0.26	1.6	100	45.634	990	WW-SB-231 20-25ft	16.775	59	45	10
m/p-Xylene	0.26	1.6	100	91.985	2220	WW-SB-231 20-25ft	33.815	60	46	16
Total Xylene	0.26	1.6	100	185.24	1700	WW-SB-25 (34-35)	66.253	27	23	11
Total BTEX	NE	NE	NE	242.84	8900	BPB-17 21-23-5/25/2006	141.23	0	0	0
Other VOCs (mg/kg)										
Acetone	0.05	0.05	100	5.5811	560	BPB-17 21-23-5/25/2006	13.657	42	42	1
n-Butylbenzene	12	12	100	7.3858	80.6	WW-SB-230 15-20	2.3492	10	10	0
sec-Butylbenzene	11	11	100	2.1149	24.3	WW-SB-223 16-20	1.5037	3	3	0
tert-Butylbenzene	5.9	5.9	100	0.42164	4.5	WW-SB-223 16-20	1.0249	0	0	0
Carbon disulfide	NE	NE	NE	0.13193	4	BPB-22D 35-37-6/8/2006	1.8485	0	0	0
Chlorobenzene	1.1	1.1	100	0.0233	0.0233	WW-SB-204 7-9	1.1286	0	0	0
Chloroform (Trichloromethane)	0.37	0.37	49	0.00175	0.0052	WW-SB-215 5-10	1.1328	0	0	0
Cyclohexane	NE	NE	NE	15.163	660	WW-SB-230 15-20	4.7248	0	0	0
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	5.5996	71.3	WW-SB-230 15-20	2.0994	0	0	0
1,2-Dibromo-3-chloropropane	NE	NE	NE	0.0045	0.0045	DUP-09232022	4.1226	0	0	0
1,2-Dichlorobenzene (o-DCB)	1.1	1.1	100	0.0402	0.0402	WW-SB-204 7-9	0.90006	0	0	0
1,4-Dichlorobenzene (p-DCB)	1.8	1.8	13	0.0104	0.0104	WW-SB-204 7-9	0.89995	0	0	0
1,1-Dichloroethane	0.27	0.27	26	0.00012	0.00012	WW-MW-21(50-52')	1.1328	0	0	0
1,1-Dichloroethene	0.33	0.33	100	0.004125	0.0075	WW-MW-21(3-5')	1.1109	0	0	0
cis-1,2-Dichloroethene	0.25	0.25	100	1.1157	21	BPB-14 19-21-5/5/2006	1.1466	1	1	0
trans-1,2-Dichloroethene	0.19	0.19	100	0.002584	0.0063	WW-MW-21(3-5')	1.1109	0	0	0
1,2-Dichloropropane	NE	NE	NE	0.0057	0.0057	WW-SB-248(5-14')	1.1109	0	0	0
Isopropylbenzene	NE	NE	NE	10.075	146	WW-SB-230 15-20	3.959	0	0	0
Methyl acetate	NE	NE	NE	1.2361	5.63	WW-SB-216 20-25	7.148	0	0	0
Methyl ethyl ketone (2-Butanone)	0.12	0.12	100	18.351	260	WW-MW-12 (9-10)	13.326	9	9	3
Methyl tert-butyl ether (MTBE)	0.93	0.93	100	0.00176	0.0026	WW-SB-244 20-25ft	0.93168	0	0	0
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	7	7	WW-MW-14 (36-37)	5.5565	0	0	0
Methylcyclohexane	NE	NE	NE	36.367	1610	WW-SB-230 15-20	12.868	0	0	0
Methylene chloride	0.05	0.05	100	6.2206	140	BPB-17 21-23-5/25/2006	3.065	20	20	1
Naphthalene	12	12	100	766	24600	WW-SB-231 20-25ft	493.1	57	57	44
n-Propylbenzene	3.9	3.9	100	7.3185	133	WW-SB-230 15-20	2.9238	39	39	1
Styrene	NE	NE	NE	106.75	1400	BPB-17 21-23-5/25/2006	17.867	0	0	0
1,1,2,2-Tetrachloroethane	NE	NE	NE	0.0009	0.0009	WW-SB-243 10-15ft	1.1395	0	0	0
Tetrachloroethene (PCE)	1.3	1.3	19	0.12504	0.95	WW-MW-14 (36-37)	1.1065	0	0	0
Tetrahydrofuran	NE	NE	NE	0.0014667	0.002	WW-SB-211 0.5-5	0.0015556	0	0	0
1,2,3-Trichlorobenzene	NE	NE	NE	0.0148	0.0148	WW-SB-251 6-9	0.90338	0	0	0
1,1,2-Trichloroethane	NE	NE	NE	0.10533	0.214	WW-SB-252 10-15	1.1088	0	0	0

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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				Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of Groundwater SCO	Number of Exceedances Restricted-Residential SCO
Trichloroethene (TCE)	0.47	0.47	21	2.4882	22	WW-SB-25 (34-35)	1.1001	2	2	1
1,2,4-Trimethylbenzene	3.6	3.6	52	62.32	980	BPB-17 21-23-5/25/2006	27.502	50	50	28
1,3,5-Trimethylbenzene	8.4	8.4	52	20.866	292	WW-SB-231 20-25ft	7.8651	32	32	12
Vinyl chloride	0.02	0.02	0.9	0.002816	0.0069	WW-MW-21(3-5')	1.1334	0	0	0
Total VOCs	NE	NE	NE	601.87	34339	WW-SB-231 20-25ft	490.2	0	0	0
PAHs (mg/kg)										
Acenaphthene	20	98	100	47.505	1260	WW-SB-220 5-10	30.308	74	32	32
Acenaphthylene	100	107	100	65.371	3500	BPB-17 21-23-5/25/2006	38.838	20	19	20
Anthracene	100	1000	100	42.514	1720	WW-SB-225 20-25ft	28.819	25	2	25
Benzo(a)anthracene	1	1	1	32.692	1340	WW-SB-225 20-25ft	22.622	196	196	196
Benzo(b)fluoranthene	1	1.7	1	22.134	703	WW-SB-225 20-25ft	15.424	197	185	197
Benzo(k)fluoranthene	0.8	1.7	3.9	14.943	672	WW-SB-225 20-25ft	11.243	174	147	106
Benzo(g,h,i)perylene	100	1000	100	16.268	620	WW-SB-23 (31-33)	12.085	6	0	6
Benzo(a)pyrene	1	22	1	31.244	1070	WW-SB-225 20-25ft	20.522	203	70	203
Chrysene	1	1	3.9	30.094	1110	WW-SB-225 20-25ft	20.452	200	200	146
Dibenz(a,h)anthracene	0.33	1000	0.33	5.2367	172	WW-SB-225 20-25ft	7.7203	149	0	149
Fluoranthene	100	1000	100	58.202	2850	WW-SB-225 20-25ft	40.632	28	5	28
Fluorene	30	386	100	57.715	2000	WW-SB-23 (31-33)	34.286	58	9	29
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	16.842	622	WW-SB-225 20-25ft	13.879	199	72	199
2-Methylnaphthalene	NE	NE	NE	187.26	7800	WW-SB-23 (31-33)	110.18	0	0	0
Naphthalene	12	12	100	454.77	17000	WW-SB-23 (31-33)	276.95	90	90	62
Phenanthrene	100	1000	100	135.62	5030	WW-SB-225 20-25ft	95.066	54	9	54
Pyrene	100	1000	100	67.484	2450	WW-SB-225 20-25ft	47.956	40	5	40
Total PAHs	NE	NE	NE	995.09	42930	WW-SB-23 (31-33)	802.64	0	0	0
Other SVOCs (mg/kg)										
Acetophenone	NE	NE	NE	0.20231	1.83	WW-SB-224 5-10	0.40107	0	0	0
Biphenyl (1,1-Biphenyl)	NE	NE	NE	21.524	497	WW-SB-225 20-25ft	9.1802	0	0	0
Bis(2-ethylhexyl)phthalate	NE	NE	NE	0.63464	22.4	WW-SB-213 0-5	5.7057	0	0	0
Butyl benzyl phthalate	NE	NE	NE	1.4434	17.1	WW-MW-202 20-22	5.6809	0	0	0
Caprolactam	NE	NE	NE	2.2711	15	WW-MW-205 10-15	0.47875	0	0	0
Carbazole	NE	NE	NE	9.4755	629	WW-SB-225 20-25ft	8.7446	0	0	0
2-Chloronaphthalene	NE	NE	NE	0.32163	0.811	WW-SB-213 20-25	5.6543	0	0	0
Dibenzofuran	7	210	59	20.175	1130	WW-SB-225 20-25ft	11.377	46	5	9
Diethyl phthalate	NE	NE	NE	0.0968	0.0968	WW-SB-207 7-10	5.8249	0	0	0
Dimethyl phthalate	NE	NE	NE	0.21	0.21	WW-MW-204D (40-42)	5.8321	0	0	0
2,4-Dimethylphenol	NE	NE	NE	5.6522	64.6	WW-SB-225 20-25ft	6.0539	0	0	0
Di-n-butyl phthalate	NE	NE	NE	0.12801	0.344	WW-SB-207 7-10	5.8211	0	0	0
2,6-Dinitrotoluene	NE	NE	NE	0.647	0.647	WW-TP-200C-10	5.7851	0	0	0
Di-n-octyl phthalate	NE	NE	NE	0.1358	0.27	WW-SB-17 (2-4)	5.771	0	0	0
2-Methylnaphthalene	NE	NE	NE	131.68	3320	WW-SB-225 20-25ft	89.123	0	0	0
2-Methylphenol (o-Cresol)	0.33	0.33	100	1.3636	26.7	WW-SB-225 20-25ft	5.8273	7	7	0

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3,4-Methylphenol (m,p-Cresol)	NE	NE	NE	2.2172	59.8	WW-SB-225 20-25ft	4.9376	0	0	0
4-Methylphenol (p-Cresol)	0.33	0.33	100	0.59167	1.2	WW-SB-16 (12-13)	10.268	2	2	0
N-Nitrosodiphenylamine (NDFA)	NE	NE	NE	0.3805	0.424	WW-SB-246 10-13ft	5.6306	0	0	0
Phenol	0.33	0.33	100	4.7034	41	WW-SB-225 20-25ft	6.1429	5	5	0
Total SVOCs	NE	NE	NE	996.36	43330	WW-SB-23 (31-33)	822.47	0	0	0
Alkylated PAHs (mg/kg)										
Acenaphthene	20	98	100	42.134	281	WW-SB-249 10-25ft	42.134	12	4	4
Acenaphthylene	100	107	100	18.504	158	WW-SB-249 10-25ft	18.504	1	1	1
Anthracene	100	1000	100	39.707	312	WW-SB-249 10-25ft	39.707	4	0	4
Benzene	0.06	0.06	4.8	4.3778	25.9	WW-SB-224 15-20	4.0764	26	26	6
C1-Benzene	NE	NE	NE	3.1602	14.5	WW-TP-203B (14')	2.4654	0	0	0
C2-Benzenes	NE	NE	NE	9.9923	57.4	WW-SB-249 10-25ft	9.9923	0	0	0
C3-Benzenes	NE	NE	NE	16.618	91.1	WW-SB-249 10-25ft	16.618	0	0	0
C4-Benzenes	NE	NE	NE	27.621	178	WW-TP-202A-10	27.621	0	0	0
C5-Benzenes	NE	NE	NE	21.629	155	WW-TP-201B-10.5	20.889	0	0	0
Benzo(a)anthracene	1	1	1	37.328	158	WW-SB-249 10-25ft	37.328	26	26	26
Benzo(b)fluoranthene	1	1.7	1	35.118	227	WW-TP-202C-10	35.118	24	23	24
Benzo(k)fluoranthene	0.8	1.7	3.9	14.943	61	WW-TP-202A (10)	11.243	21	18	17
Benzo(j,k)fluoranthene	NE	NE	NE	32.497	194	WW-TP-202C-10	32.497	0	0	0
Benzo(b)fluorene	NE	NE	NE	5.9941	34	WW-SB-249 10-25ft	5.9941	0	0	0
Benzo(c)fluorene	NE	NE	NE	2.5064	13.3	WW-SB-249 10-25ft	2.4201	0	0	0
Naphthobenzothiophenes (Benzo(b)naphtho(2,1-d)thiophene)	NE	NE	NE	5.1094	23.6	WW-TP-202B-12	5.1094	0	0	0
Benzo(g,h,i)perylene	100	1000	100	32.849	204	WW-TP-202C-10	32.849	2	0	2
Benzo(a)pyrene	1	22	1	54.435	349	WW-TP-202C-10	54.435	26	17	26
Benzo(e)pyrene	NE	NE	NE	28.561	178	WW-TP-202C-10	28.561	0	0	0
Benzothiophene (1-Benzothiophene)	NE	NE	NE	4.0527	38.1	WW-SB-249 10-25ft	3.7736	0	0	0
C1-Benzo(b)thiophenes	NE	NE	NE	6.842	42	WW-TP-202A-10	6.6062	0	0	0
C2-Benzo(b)thiophenes	NE	NE	NE	8.5581	50.3	WW-TP-202A-10	8.2631	0	0	0
C3-Benzo(b)thiophenes	NE	NE	NE	6.1673	28.1	WW-TP-201B-10.5	5.9548	0	0	0
C4-Benzo(b)thiophenes	NE	NE	NE	2.979	16.1	WW-TP-201B-10.5	2.8764	0	0	0
Biphenyl (1,1-Biphenyl)	NE	NE	NE	4.4037	47.4	WW-SB-249 10-25ft	4.2519	0	0	0
n-Butylbenzene	12	12	100	1.6223	7.01	WW-TP-202A-10	1.5119	0	0	0
sec-Butylbenzene	11	11	100	1.0879	5.19	WW-SB-224 15-20	1.0134	0	0	0
tert-Butylbenzene	5.9	5.9	100	0.25101	0.798	WW-TP-202C-10	0.11398	0	0	0
Chrysene	1	1	3.9	30.094	84.1	WW-TP-202A (10)	20.452	25	25	19
C1-Chrysenes/benz(a)anthracenes	NE	NE	NE	23.536	94	WW-TP-203B (14')	23.536	0	0	0
C2-Chrysenes/benz(a)anthracenes	NE	NE	NE	12.451	56	WW-TP-203B (14')	12.451	0	0	0
C3-Chrysenes/benz(a)anthracenes	NE	NE	NE	6.282	31.7	WW-TP-203B (14')	6.282	0	0	0
C4-Chrysenes/benz(a)anthracenes	NE	NE	NE	2.9924	15.2	WW-TP-203B (14')	2.9924	0	0	0
Chrysene/triphenylene	NE	NE	NE	31.858	130	WW-SB-249 10-25ft	31.858	0	0	0

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				Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of Groundwater SCO	Number of Exceedances Restricted-Residential SCO
Coronene	NE	NE	NE	8.987	58.4	WW-TP-203B (14')	8.987	0	0	0
p-Cymene (4-Isopropyltoluene)	NE	NE	NE	1.6311	12.7	WW-SB-249 10-25ft	1.575	0	0	0
cis-Decalin	NE	NE	NE	1.8934	11.8	WW-TP-201B-10.5	1.7634	0	0	0
trans-Decalin	NE	NE	NE	5.9423	31.2	WW-TP-201B-10.5	5.9423	0	0	0
C1-Decalins	NE	NE	NE	26.245	157	WW-TP-201B-10.5	26.245	0	0	0
C2-Decalins	NE	NE	NE	28.023	189	WW-TP-201B-10.5	28.023	0	0	0
C3-Decalins	NE	NE	NE	17.531	109	WW-TP-201B-10.5	17.531	0	0	0
C4-Decalins	NE	NE	NE	15.65	91.2	WW-TP-201B-10.5	15.65	0	0	0
Dibenz(a,h)anthracene	0.33	1000	0.33	12.221	85	WW-TP-202C-10	12.221	23	0	23
Dibenzofuran	7	210	59	10.55	89.4	WW-SB-249 10-25ft	10.187	9	0	2
Dibenzothiophene	NE	NE	NE	10.63	69.3	WW-SB-249 10-25ft	10.263	0	0	0
C1-Dibenzothiophenes	NE	NE	NE	12.432	68.3	WW-SB-249 10-25ft	12.432	0	0	0
C2-Dibenzothiophenes	NE	NE	NE	10.307	45.1	WW-TP-202A-10	10.307	0	0	0
C3-Dibenzothiophenes	NE	NE	NE	5.5692	23.7	WW-TP-202A-10	5.5692	0	0	0
C4-Dibenzothiophenes	NE	NE	NE	2.2594	8.73	WW-TP-202A-10	2.2594	0	0	0
Ethylbenzene	1	1	41	7.3297	46.4	WW-SB-249 10-25ft	7.0771	18	18	1
Fluoranthene	100	1000	100	56.66	427	WW-SB-249 10-25ft	56.66	6	0	6
C1-Fluoranthenes/pyrenes	NE	NE	NE	46.648	256	WW-SB-249 10-25ft	46.648	0	0	0
C2-Fluoranthenes/pyrenes	NE	NE	NE	18.259	75.9	WW-SB-249 10-25ft	18.259	0	0	0
C3-Fluoranthenes/pyrenes	NE	NE	NE	8.7112	35	WW-TP-202A-10	8.7112	0	0	0
Fluorene	30	386	100	23.966	135	WW-SB-249 10-25ft	23.139	7	0	3
C1-Fluorenes	NE	NE	NE	15.098	93.9	WW-SB-249 10-25ft	15.098	0	0	0
C2-Fluorenes	NE	NE	NE	13.786	64.9	WW-SB-249 10-25ft	13.786	0	0	0
C3-Fluorenes	NE	NE	NE	7.5645	29.1	WW-TP-202A-10	7.5645	0	0	0
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5	45.061	312	WW-TP-202C-10	45.061	28	20	28
Isopropylbenzene	NE	NE	NE	2.4506	15.8	WW-TP-202A-10	2.3663	0	0	0
Methylcyclohexane	NE	NE	NE	8.3026	92	WW-SB-224 15-20	8.0164	0	0	0
1-Methylnaphthalene	NE	NE	NE	62.1	404	WW-TP-202A-10	59.959	0	0	0
2-Methylnaphthalene	NE	NE	NE	58.376	475	WW-TP-202A-10	56.363	0	0	0
1-Methylpyrene	NE	NE	NE	5.0517	28.1	WW-SB-249 10-25ft	5.0517	0	0	0
2-Methylpyrene	NE	NE	NE	6.1693	31.1	WW-SB-249 10-25ft	6.1693	0	0	0
Naphthalene	12	12	100	101.45	1220	WW-SB-249 10-25ft	101.45	17	17	5
C1-Naphthalenes	NE	NE	NE	73.985	538	WW-TP-202A-10	71.434	0	0	0
C2-Naphthalenes	NE	NE	NE	69.3	444	WW-TP-202A-10	69.3	0	0	0
C3-Naphthalenes	NE	NE	NE	45.395	212	WW-TP-202A-10	45.395	0	0	0
C4-Naphthalenes	NE	NE	NE	20.915	108	WW-TP-201B-10.5	20.915	0	0	0
C1-Naphthobenzothiophenes	NE	NE	NE	7.0843	28.4	WW-TP-202A-10	7.0843	0	0	0
C2-Naphthobenzothiophenes	NE	NE	NE	4.35	19.4	WW-TP-202A-10	4.35	0	0	0
C3-Naphthobenzothiophenes	NE	NE	NE	2.2729	9.46	WW-TP-202A-10	2.2729	0	0	0
C4-Naphthobenzothiophenes	NE	NE	NE	0.739	2.93	WW-TP-202A-10	0.739	0	0	0
Perylene	NE	NE	NE	11.653	78.5	WW-TP-202C-10	11.653	0	0	0

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Phenanthrene	100	1000	100	96.375	801	WW-SB-249 10-25ft	96.375	7	0	7
C1-Phenanthrenes/anthracenes	NE	NE	NE	57.142	361	WW-SB-249 10-25ft	57.142	0	0	0
C2-Phenanthrenes/anthracenes	NE	NE	NE	29.952	149	WW-SB-249 10-25ft	28.919	0	0	0
C3-Phenanthrenes/anthracenes	NE	NE	NE	10.848	45.1	WW-TP-202A-10	10.848	0	0	0
C4-Phenanthrenes/anthracenes	NE	NE	NE	3.9337	17.1	WW-TP-202B-12	3.9337	0	0	0
n-Propylbenzene	3.9	3.9	100	2.4003	12.5	WW-SB-224 15-20	2.3177	6	6	0
Pyrene	100	1000	100	64.719	452	WW-SB-249 10-25ft	64.719	7	0	7
Retene	NE	NE	NE	2.1842	20.8	WW-TP-202B-12	1.811	0	0	0
Styrene	NE	NE	NE	4.0776	18.4	WW-TP-203B (14')	4.0776	0	0	0
Toluene	0.7	0.7	100	3.6153	16.7	WW-TP-203B (14')	2.8198	17	17	0
1,2,3-Trimethylbenzene	NE	NE	NE	4.0081	24.9	WW-SB-224 15-20	3.87	0	0	0
1,2,4-Trimethylbenzene	3.6	3.6	52	8.1585	64	WW-SB-224 15-20	8.1585	9	9	2
1,3,5-Trimethylbenzene	8.4	8.4	52	2.1771	19.8	WW-TP-202A-10	2.1022	2	2	0
o-Xylene	0.26	1.6	100	3.465	23.6	WW-SB-249 10-25ft	3.3456	20	8	0
m/p-Xylene	0.26	1.6	100	5.3196	20.1	WW-TP-202C-10	5.3196	25	17	0
4-methylpyrene	NE	NE	NE	5.6158	27.5	WW-SB-249 10-25ft	5.6158	0	0	0
MAEPH (mg/kg)										
C-10	NE	NE	NE	13.432	95.9	WW-SB-224 15-20	12.551	0	0	0
C-11	NE	NE	NE	3.5854	11.7	WW-TP-203B (14')	2.1709	0	0	0
C-12	NE	NE	NE	18.065	144	WW-SB-224 15-20	11.509	0	0	0
C-13	NE	NE	NE	4.5689	14.1	WW-SB-249 10-25ft	3.1486	0	0	0
C-14	NE	NE	NE	12.65	73.1	WW-SB-249 10-25ft	8.1647	0	0	0
C-15	NE	NE	NE	4.6495	21.7	WW-SB-253 10-15	2.4671	0	0	0
C-16	NE	NE	NE	5.5291	24.8	WW-SB-253 10-15	2.157	0	0	0
C-17	NE	NE	NE	5.9354	23.2	WW-SB-253 10-15	2.8507	0	0	0
C-18	NE	NE	NE	4.8638	19.4	WW-SB-253 10-15	2.1104	0	0	0
C-19	NE	NE	NE	5.0841	18.8	WW-SB-253 10-15	1.8757	0	0	0
C-20	NE	NE	NE	5.6668	17.2	WW-SB-253 10-15	2.3812	0	0	0
C-21	NE	NE	NE	3.5758	12.7	WW-SB-253 10-15	1.574	0	0	0
C-22	NE	NE	NE	2.4433	7.86	WW-SB-253 10-15	0.99628	0	0	0
C-23	NE	NE	NE	7.4283	28.3	WW-SB-249 15-20ft	3.7155	0	0	0
C-24	NE	NE	NE	3.7819	12.2	WW-SB-249 15-20ft	1.6307	0	0	0
C-25	NE	NE	NE	3.1876	7.3	WW-SB-249 15-20ft	1.6199	0	0	0
C-26	NE	NE	NE	1.3732	1.75	WW-SB-253 10-15	0.79062	0	0	0
C-27	NE	NE	NE	5.0642	13.2	WW-SB-224 15-20	2.5047	0	0	0
C-28	NE	NE	NE	1.9065	3.88	WW-SB-224 15-20	0.97969	0	0	0
C-29	NE	NE	NE	5.2137	14.7	WW-SB-224 5-10	1.5722	0	0	0
C-30	NE	NE	NE	3.216	6.96	WW-SB-224 5-10	1.1589	0	0	0
C-31	NE	NE	NE	2.8314	6.56	WW-SB-224 5-10	1.1489	0	0	0
C-32	NE	NE	NE	2.763	5.19	WW-SB-249(0-5)	0.92966	0	0	0
C-33	NE	NE	NE	7.4057	26.4	WW-SB-249(0-5)	1.5609	0	0	0

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
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Location / Sample Name / Sample Depth (feet) / Sample Date	Unrestricted SCO	Protection of Groundwater SCO	Restricted-Residential SCO	Summary Statistics						
				Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of Groundwater SCO	Number of Exceedances Restricted-Residential SCO
C-34	NE	NE	NE	4.336	12.5	WW-SB-224 15-20	1.2431	0	0	0
C-35	NE	NE	NE	3.2365	7	WW-SB-245 0-5	1.3809	0	0	0
C-36	NE	NE	NE	1.004	1.82	WW-SB-249 15-20ft	0.67078	0	0	0
C-37	NE	NE	NE	5.0511	11.8	WW-SB-245 0-5	2.1916	0	0	0
C-38	NE	NE	NE	6.2634	17	WW-SB-245 0-5	2.4121	0	0	0
C-39	NE	NE	NE	0.769	1.84	WW-SB-249 15-20ft	0.63836	0	0	0
C-40	NE	NE	NE	0.805	1.35	WW-SB-249 15-20ft	0.62266	0	0	0
C-8	NE	NE	NE	11.361	59.6	WW-SB-224 15-20	7.9414	0	0	0
C-9	NE	NE	NE	6.7957	29.4	WW-SB-249 10-25ft	5.6699	0	0	0
PFAS (mg/kg)										
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NE	NE	NE	0.00055	0.00055	WW-SB-212 1.5-5	0.00050714	0	0	0
Perfluorononanoic Acid (PFNA)	NE	NE	NE	0.00032	0.00032	SB-237 0.5-5ft	0.00047429	0	0	0
Perfluorooctanesulfonic acid (PFOS)	0.00088	0.0037	0.044	0.0011971	0.002	SB-200 0.4-3.5ft	0.0011971	6	0	0
Perfluorooctanoic Acid (PFOA)	0.00066	0.0011	0.033	0.000285	0.00037	WW-SB-212 1.5-5	0.00037714	0	0	0
n-Alkanes and Isoprenoids (mg/kg)										
Phytane (C20)	NE	NE	NE	28.15	192	WW-TP-201B-10.5	23.424	0	0	0
Pristane (C19)	NE	NE	NE	35.529	264	WW-TP-201B-10.5	29.531	0	0	0
2,6,10-Trimethyldodecane (C15)	NE	NE	NE	35.395	266	WW-TP-201B-10.5	30.63	0	0	0
2,6,10-Trimethylpentadecane (C18)	NE	NE	NE	35.273	253	WW-TP-201B-10.5	30.524	0	0	0
2,6,10-Trimethyltridecane (C16)	NE	NE	NE	38.029	256	WW-TP-201B-10.5	31.62	0	0	0
PCB Aroclors (mg/kg)										
Aroclor 1242	NE	NE	NE	0.65	0.7	WW-SB-202 0.4-5ft	0.046622	0	0	0
Aroclor 1248	NE	NE	NE	0.059333	0.09	WW-SB-253 0-5ft	0.038278	0	0	0
Aroclor 1254	NE	NE	NE	0.67129	3.2	WW-SB-203 0.4-5ft	0.17248	0	0	0
Aroclor 1260	NE	NE	NE	0.16276	0.9	WW-SB-203 0.4-5ft	0.096978	0	0	0
Aroclor 1268	NE	NE	NE	0.045471	0.12	WW-SS-04 (0-0.2)	0.030604	0	0	0
Total PCB Aroclors	0.1	3.2	1	0.49233	4.1	WW-SB-203 0.4-5ft	0.22246	26	2	9
Pesticides (mg/kg)										
Aldrin	0.005	0.19	0.097	0.0016	0.0022	WW-SS-04 (0-0.2)	0.0064519	0	0	0
beta-BHC (beta-Hexachlorocyclohexane)	0.036	0.09	0.36	0.0028	0.0037	WW-SS-04 (0-0.2)	0.0064993	0	0	0
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)	0.1	0.1	1.3	0.00209	0.0034	WW-SS-04 (0-0.2)	0.0061531	0	0	0
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.25	100	0.0015	0.003	WW-SS-04 (0-0.2)	0.0064652	0	0	0
Chlordane (Technical)	NE	NE	NE	0.1064	0.702	WW-SB-236 0-5ft	0.083324	0	0	0
Chlordane (Alpha & Gamma)	NE	NE	NE	0.094	0.094	WW-SB-55(3-5')	0.043423	0	0	0
alpha-chlordane	0.094	2.9	4.2	0.016343	0.134	WW-SB-236 0-5ft	0.012948	1	0	0
gamma-Chlordane	NE	NE	NE	0.012608	0.135	WW-SB-236 0-5ft	0.012464	0	0	0
4,4'-DDT (p,p'-DDT)	0.0033	136	7.9	0.019288	0.098	WW-SB-43(1-2)	0.0122	40	0	0
4,4'-DDE (p,p'-DDE)	0.0033	17	8.9	0.0059512	0.017	WW-MW-XX (4-5)	0.0075333	27	0	0
4,4'-DDD (p,p-DDD)	0.0033	14	13	0.014906	0.081	WW-MW-13 (2-5)	0.0077996	12	0	0

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Dieldrin	0.005	0.1	0.2	0.010171	0.0368	WW-SB-254 0.6-5ft	0.010146	35	0	0
alpha-Endosulfan (I)	2.4	102	24	0.00715	0.0075	WW-SS-04 (0-0.2)	0.0065374	0	0	0
beta-Endosulfan (II)	2.4	102	24	0.0059941	0.0263	WW-SB-204 0-5	0.0071741	0	0	0
Endosulfan sulfate	2.4	1000	24	0.008075	0.017	WW-MW-07 (4-5)	0.0067867	0	0	0
Endrin	0.014	0.06	11	0.015388	0.051	WW-SB-43(1-2)	0.0074748	3	0	0
Endrin aldehyde	NE	NE	NE	0.012887	0.03	WW-SB-13 (4-5)	0.0078656	0	0	0
Endrin ketone	NE	NE	NE	0.025489	0.099	WW-MW-13 (2-5)	0.0074219	0	0	0
Heptachlor	0.042	0.38	2.1	0.00306	0.008	WW-SB-236 0-5ft	0.0066333	0	0	0
Heptachlor epoxide	NE	NE	NE	0.0036675	0.0072	WW-SS-XX-100609	0.0065617	0	0	0
Hexachlorobenzene	0.33	3.2	1.2	0.0012667	0.0014	WW-SB-203 0.4-5ft	0.0015442	0	0	0
Methoxychlor	NE	NE	NE	0.029208	0.18	WW-SB-43(1-2)	0.014472	0	0	0
Herbicides (mg/kg)										
2,4-D (2,4-Dichlorophenoxyacetic acid)	NE	NE	NE	0.028	0.028	SB-240 0.5-4.5ft	0.070015	0	0	0
Dicamba	NE	NE	NE	0.01675	0.026	WW-SB-248(0-5)	0.0058623	0	0	0
Dichloroprop	NE	NE	NE	1.64	1.64	WW-SB-242 0-5	0.12591	0	0	0
Mecoprop (MCPP)	NE	NE	NE	8.2636	38.4	WW-SB-239 54-55ft	9.4935	0	0	0
Methylchlorophenoxyacetic acid	NE	NE	NE	3.5575	9.18	MW-204 0.4-5ft	9.4683	0	0	0
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	NE	NE	NE	0.0265	0.051	WW-SB-242 0-5	0.0090185	0	0	0
2,4,5-TP (Silvex)	3.8	3.8	100	0.0026182	0.0068	WW-SB-34 (2-5)	0.0083615	0	0	0
Metals (mg/kg)										
Aluminum	NE	NE	NE	5560.6	48300	WW-TP-200C-10	5560.6	0	0	0
Antimony	NE	NE	NE	2.9236	11.1	WW-MW-22(24-25')	1.6872	0	0	0
Arsenic	13	16	16	14.932	300	WW-SB-36 (9-10)	12.702	83	66	66
Barium	350	820	400	68.978	769	WW-SB-216 20-25	68.868	9	0	5
Beryllium	7.2	47	72	0.47597	5.66	WW-TP-200C-10	0.47836	0	0	0
Cadmium	2.5	7.5	4.3	1.4314	9.8	WW-SB-36 (9-10)	0.9588	9	2	6
Calcium	NE	NE	NE	11938	321000	WW-SB-32 (4-5)	11489	0	0	0
Chromium	30	NE	180	17.136	435	WW-SB-36 (9-10)	17.033	28	0	2
Cobalt	NE	NE	NE	7.3662	185	WW-SB-42 (96.5-97)	7.1391	0	0	0
Copper	50	1720	270	56.454	1180	WW-SB-36 (9-10)	54.853	112	0	15
Iron	NE	NE	NE	21487	258000	WW-TP-200C-10	21436	0	0	0
Lead	63	450	400	162.85	3980	WW-SB-36 (9-10)	147.03	166	36	41
Magnesium	NE	NE	NE	3561.1	67000	WW-MW-11 (11-14)	3536.2	0	0	0
Manganese	1600	2000	2000	309.46	4820	WW-SB-42 (62-62.5)	308.73	5	3	3
Mercury	0.18	0.73	0.81	0.70952	19.1	WW-SB-216 20-25	0.46876	148	52	47
Nickel	30	130	310	16.036	266	SB-200 0.4-3.5ft	15.838	27	3	0
Potassium	NE	NE	NE	1008	13400	WW-SB-40 (95-95.5)	999.96	0	0	0
Selenium	3.9	4	180	1.9959	12.3	WW-SB-36 (9-10)	2.4026	12	10	0
Silver	2	8.3	180	2.2614	51.8	WW-SB-213 20-25	1.0276	7	2	0
Sodium	NE	NE	NE	693.21	13000	WW-SB-36 (9-10)	684.53	0	0	0
Thallium	NE	NE	NE	0.91326	3.2	BPB-14 19-21-5/5/2006	1.4252	0	0	0

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				Average Detect	Maximum Detect	Maximum Detect ID	Average Detect or 1/2 Nondetect	Number of Exceedances Unrestricted SCO	Number of Exceedances Protection of Groundwater SCO	Number of Exceedances Restricted-Residential SCO
Tin	NE	NE	NE	96.052	3550	WW-SB-213 20-25	34.217	0	0	0
Vanadium	NE	NE	NE	22.227	193	WW-TP-200C-10	22.136	0	0	0
Zinc	109	2480	10000	157.95	2470	WW-SB-36 (9-10)	156.22	133	0	0
Cyanides (mg/kg)										
Free Cyanide	NE	NE	NE	0.65629	1.5	WW-MW-204D (60-62)	0.1808	0	0	0
Total Cyanide	27	40	27	8.8163	33	BPB-14 19-21-5/5/2006	3.0665	1	0	1
Biomarkers (mg/kg)										
C23 Tricyclic Terpane (T4)	NE	NE	NE	0.2005	0.864	WW-TP-202B-12	0.18821	0	0	0
C24 Tricyclic Terpane (T5)	NE	NE	NE	0.13348	0.637	WW-TP-202B-12	0.12276	0	0	0
C25 Tricyclic terpane-22S (T6d)	NE	NE	NE	0.082208	0.267	WW-TP-201B-10.5	0.078078	0	0	0
C25 Tricyclic terpane-22R (T6f)	NE	NE	NE	0.047785	0.171	WW-SB-204(5-10')	0.044214	0	0	0
C24 Tetracyclic Terpane (T6a)	NE	NE	NE	0.069189	0.615	WW-SB-204(5-10')	0.059887	0	0	0
C26 Tricyclic Terpane-22S (T6b)	NE	NE	NE	0.055349	0.207	WW-TP-201B-10.5	0.04984	0	0	0
C26 Tricyclic Terpane-22R (T6c)	NE	NE	NE	0.049722	0.16	WW-TP-202B-12	0.044415	0	0	0
C28 Tricyclic Terpane-22S (T7)	NE	NE	NE	0.047696	0.153	WW-TP-201B-10.5	0.04377	0	0	0
C28 Tricyclic Terpane-22R (T8)	NE	NE	NE	0.054243	0.157	WW-TP-201B-10.5	0.048034	0	0	0
C29 Tricyclic Terpane-22S (T9)	NE	NE	NE	0.050563	0.15	WW-SB-204(5-10')	0.046414	0	0	0
C29 Tricyclic Terpane-22R (T10)	NE	NE	NE	0.045229	0.141	WW-SB-204(5-10')	0.040905	0	0	0
18a(H)-22,29,30-Trisnorneohopane-TS (T11)	NE	NE	NE	0.12218	1.35	WW-SB-204(5-10')	0.10982	0	0	0
17a(H)-22,29,30-Trisnorhopane-TM (T12)	NE	NE	NE	0.14193	1.42	WW-SB-204(5-10')	0.14193	0	0	0
C30 Tricyclic Terpane-22S (T11b)	NE	NE	NE	0.045181	0.144	WW-TP-201B-10.5	0.039382	0	0	0
17a(H)-21b(H)/17b(H),21a(H)-28,30-Bisnorhopane (T14a)	NE	NE	NE	0.049212	0.238	WW-SB-204(5-10')	0.045346	0	0	0
C30 Tricyclic Terpane-22R	NE	NE	NE	0.051679	0.175	WW-SB-204(5-10')	0.051271	0	0	0
17a(H)-21b(H)-25-Norhopane (T14b)	NE	NE	NE	0.029264	0.129	WW-SB-204(5-10')	0.028092	0	0	0
30-Norhopane (T15)	NE	NE	NE	0.3402	3.63	WW-SB-204(5-10')	0.3402	0	0	0
18a(H)-30-Norneohopane -C29Ts (T16)	NE	NE	NE	0.11167	1.35	WW-SB-204(5-10')	0.10036	0	0	0
17a(H)-Diahopane (X)	NE	NE	NE	0.04176	0.337	WW-SB-204(5-10')	0.037413	0	0	0
30-Normoretane (T17)	NE	NE	NE	0.07716	0.805	WW-SB-204(5-10')	0.069679	0	0	0
18a(H)/18b(H)-Oleananes (TI8)	NE	NE	NE	0.069124	0.574	WW-SB-204(5-10')	0.056657	0	0	0
Hopane (T19)	NE	NE	NE	0.5254	5.77	WW-SB-204(5-10')	0.50851	0	0	0
Moretane (T20)	NE	NE	NE	0.044093	0.121	WW-SB-204(5-10')	0.032574	0	0	0
30-Homohopane-22S (T21)	NE	NE	NE	0.16713	1.26	WW-SB-204(5-10')	0.15293	0	0	0
30-Homohopane-22R (T22)	NE	NE	NE	0.14131	1.04	WW-SB-204(5-10')	0.12978	0	0	0
Gammacerane	NE	NE	NE	0.01229	0.0192	WW-TP-200C-10	0.015035	0	0	0
30,31-Bishomohopane-22S (T26)	NE	NE	NE	0.11295	0.699	WW-SB-204(5-10')	0.10186	0	0	0
30,31-Bishomohopane-22R (T27)	NE	NE	NE	0.091138	0.707	WW-SB-204(5-10')	0.083064	0	0	0
30,31-Trishomohopane-22S (T30)	NE	NE	NE	0.070739	0.345	WW-SB-204(5-10')	0.062119	0	0	0
30,31-Trishomohopane-22R (T31)	NE	NE	NE	0.056328	0.24	WW-SB-204(5-10')	0.049387	0	0	0
Tetrakishomohopane-22S (T32)	NE	NE	NE	0.051497	0.208	WW-SB-204(5-10')	0.040444	0	0	0
Tetrakishomohopane-22R (T33)	NE	NE	NE	0.043931	0.14	WW-SB-204(5-10')	0.035146	0	0	0

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Pentakishomohopane-22S (T34)	NE	NE	NE	0.057043	0.174	DUP-08082022-01	0.040237	0	0	0
Pentakishomohopane-22R (T35)	NE	NE	NE	0.038062	0.095	DUP-08082022-01	0.028324	0	0	0
13b(H),17a(H)-20S-Diacholestane (S4)	NE	NE	NE	0.18544	0.956	WW-SB-204(5-10')	0.16436	0	0	0
13b(H),17a(H)-20R-Diacholestane (S5)	NE	NE	NE	0.098311	0.553	WW-SB-204(5-10')	0.082984	0	0	0
13b(H),17a(H)-20S-Methyldiacholestane (S8)	NE	NE	NE	0.11046	0.619	WW-SB-204(5-10')	0.092623	0	0	0
14a(H),17a(H)-20S-Cholestane (S12)	NE	NE	NE	0.25999	1.29	WW-SB-204(5-10')	0.23618	0	0	0
14b(H),17b(H)-20R-Cholestane (S14)	NE	NE	NE	0.15747	0.584	WW-SB-204(5-10')	0.14427	0	0	0
14b(H),17b(H)-20S-Cholestane (S15)	NE	NE	NE	0.14076	0.583	WW-SB-204(5-10')	0.12929	0	0	0
14a(H),17a(H)-20R-Cholestane (S17)	NE	NE	NE	0.29776	1.37	WW-SB-204(5-10')	0.29776	0	0	0
13b(H),17a(H)-20R-Ethyldiacholestane (S18)	NE	NE	NE	0.070781	0.351	WW-TP-203B (14')	0.047263	0	0	0
13a(H),17b(H)-20S-Ethyldiacholestane (S19)	NE	NE	NE	0.055389	0.312	WW-SB-204(5-10')	0.045958	0	0	0
14a(H),17a(H)-20S-Methylcholestane (S20)	NE	NE	NE	0.18922	0.59	WW-TP-201B-10.5	0.17273	0	0	0
14b(H),17b(H)-20R-Methylcholestane (S22)	NE	NE	NE	0.13343	0.601	WW-SB-204(5-10')	0.12271	0	0	0
14b,17b-20S-Methylcholestane (S23)	NE	NE	NE	0.16412	0.772	WW-SB-204(5-10')	0.15023	0	0	0
14a(H),17a(H)-20R-Methylcholestane (S24)	NE	NE	NE	0.13497	0.628	WW-TP-201B-10.5	0.1241	0	0	0
14a(H),17a(H)-20S-Ethlylcholestane (S25)	NE	NE	NE	0.15827	0.543	WW-SB-204(5-10')	0.14499	0	0	0
14b(H),17b(H)-20R-Ethylcholestane (S26)	NE	NE	NE	0.20321	0.971	WW-SB-204(5-10')	0.18528	0	0	0
14b(H),17b(H)-20S-Ethylcholestane (S27)	NE	NE	NE	0.12872	0.569	WW-SB-204(5-10')	0.1185	0	0	0
14a(H),17a(H)-20R-Ethylcholestane (S28)	NE	NE	NE	0.14625	0.755	WW-SB-204(5-10')	0.13421	0	0	0
Other (mg/kg)										
C9-C18 Aliphatics	NE	NE	NE	1812.9	10200	WW-TP-201B-10.5	1522.1	0	0	0
C19-C36 Aliphatics	NE	NE	NE	947.28	4370	WW-SB-245 5-10ft	865.37	0	0	0
C11-C22 Aromatics	NE	NE	NE	2059.2	6680	WW-TP-201B-10.5	1850.3	0	0	0
C11-C22 Aromatics (Unadjusted)	NE	NE	NE	2435.7	7260	WW-SB-249 10-25ft	2187.9	0	0	0
Total Petroleum Hydrocarbons	NE	NE	NE	5439.9	27000	WW-TP-202A-10	5439.9	0	0	0
TPH-Diesel Range Organics (C10-C28)	NE	NE	NE	7774.3	29400	WW-TP-201B-10.5	7774.3	0	0	0
C9-C40	NE	NE	NE	10011	31500	WW-TP-201B-10.5	10011	0	0	0

Table 10. Detected Subsurface Soil Analytical Results - Within and Adjacent to Parcels 2-6
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Notes:

Note: results/limits where cells contain qualifier only are unknown
mg/kg = milligrams/kilogram or parts per million (ppm)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total VOCs, Total PAHs, Total SVOCs, and Total PCBs are calculated using detects only.
Total PAHs are calculated using the list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, 2-Methylnaphthalene, Phenanthrene, and Pyrene

6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater

NA = Not Analyzed
ND = Not Detected
NE = Not Established

Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the NYSDOH guidance it was compared to

Data Qualifiers:
B = The analyte was detected in the associated method blank.
J = The result is an estimated value.
JN = The analyte is presumptively present at an approximated quantity.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: Sample Depth (ft bss): Sample Date:	SSGV Class B	SSGV Class C	WW-SED-01 (0-0.5) 9/30/2009	WW-SED-01 (1-2) 9/30/2009	WW-SED-01 (19.5-20) 9/30/2009	WW-SED-02 (0-0.5) 9/30/2009	WW-SED-02 (4-5) 9/30/2009	WW-SED-02 (11-12) 9/30/2009	WW-SED-03 (0-0.5) 9/30/2009	WW-SED-03 (9-10) 9/30/2009	WW-SED-03 (16.5-17) 9/30/2009	WW-SED-04 (0-0.5) 9/30/2009
BTEX (mg/kg)												
Benzene	0.46	1.4	**52 J**	**84 J**	**0.0061 J**	**10**	**250 J**	**7.6**	**110**	**130 J**	**0.0028 J**	**7.6 J**
Toluene	0.8	3.3	**240 J**	**410 J**	**0.0015 J**	**5.7**	**710 J**	**2.1 J**	**380**	**370 J**	**0.0028 J**	**0.58 J**
Ethylbenzene	0.11	0.75	**390 J**	**670 J**	**0.016 J**	**67**	**830 J**	**55**	**610**	**700 J**	**0.0039 J**	**29 J**
Total Xylene	0.091	0.64	**420 J**	**690 J**	**0.035 J**	**70**	**900 J**	**50**	**600**	**690 J**	**0.011 J**	**32 J**
Total BTEX	NE	NE	**1102**	**1854**	**0.0586**	**152.7**	**2690**	**114.7**	**1700**	**1890**	**0.0205**	**69.18**
Total VOCs (mg/kg)												
Acetone	NE	NE	28 UJ	54 UJ	**0.077 J**	8.8 U	100 UJ	9.6 U	50 U	53 UJ	**0.11 J**	3.3 UJ
2-Butanone (Methyl ethyl ketone)	NE	NE	11 UJ	22 UJ	0.024 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	**0.027 J**	1.3 UJ
Carbon disulfide	NE	NE	11 UJ	22 UJ	0.012 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
Chlorobenzene	0.66	4.6	11 UJ	22 UJ	**0.0015 J**	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
cis-1,2-Dichloroethene	NE	NE	11 UJ	22 UJ	0.012 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
Styrene	NE	NE	11 UJ	22 UJ	0.012 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
Tetrachloroethene	2.6	8.8	11 UJ	22 UJ	0.012 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
Vinyl chloride	NE	NE	11 UJ	22 UJ	0.012 UJ	3.5 U	42 UJ	3.8 U	20 U	21 UJ	0.013 UJ	1.3 UJ
Total VOCs	NE	NE	**1102**	**1854**	**0.1371**	**152.7**	**2690**	**114.7**	**1700**	**1890**	**0.1575**	**69.18**
PAHs (mg/kg)												
Acenaphthene	NE	NE	**1300 J**	**1800 J**	**11 J**	**180**	**110 J**	**190**	**1300**	**1200 J**	**0.54 J**	**170 J**
Acenaphthylene	NE	NE	**57 J**	**230 J**	**2.1 J**	**10 J**	**1000 J**	**12 J**	**150 J**	**92 J**	**0.28 J**	**13 J**
Anthracene	NE	NE	**520 J**	**740 J**	**8.2 J**	**98**	**400 J**	**100**	**490 J**	**440 J**	**0.46 J**	**100 J**
Benz[a]anthracene	NE	NE	**210 J**	**300 J**	**6.7 J**	**44 J**	**150 J**	**55**	**200 J**	**180 J**	**0.94 J**	**65 J**
Benzo[a]pyrene	NE	NE	**150 J**	**220 J**	**6.3 J**	**36 J**	**120 J**	**50 J**	**150 J**	**140 J**	**1.1 J**	**54 J**
Benzo[b]fluoranthene	NE	NE	**110 J**	**150 J**	**6.2 J**	**31 J**	**75 J**	**44 J**	**99 J**	**94 J**	**1.1 J**	**47 J**
Benzo[g,h,i]perylene	NE	NE	**38 J**	580 UJ	**5.3 J**	47 U	560 UJ	**14 J**	540 U	570 UJ	**0.99 J**	140 UJ
Benzo[k]fluoranthene	NE	NE	**38 J**	**66 J**	**1.6 J**	**11 J**	560 UJ	**16 J**	**53 J**	**52 J**	**0.26 J**	**20 J**
Chrysene	NE	NE	**190 J**	**290 J**	**6.9 J**	**46 J**	**160 J**	**59**	**200 J**	**170 J**	**1.1 J**	**70 J**
Dibenz[a,h]anthracene	NE	NE	290 UJ	580 UJ	**1.3 J**	47 U	560 UJ	51 U	540 U	570 UJ	**0.23 J**	140 UJ
Fluoranthene	NE	NE	**420 J**	**590 J**	**11 J**	**88**	**320 J**	**110**	**400 J**	**370 J**	**1.4 J**	**140 J**
Fluorene	NE	NE	**610 J**	**890 J**	**6.2 J**	**100**	**580 J**	**100**	**610**	**530 J**	**0.38 J**	**94 J**
Indeno[1,2,3-cd]pyrene	NE	NE	290 UJ	580 UJ	**4.7 J**	**9.8 J**	560 UJ	**15 J**	540 U	570 UJ	**1.1 J**	**17 J**
2-Methylnaphthalene	NE	NE	**2600 J**	**4000 J**	**13 J**	**360**	**2700 J**	**360**	**2500**	**2300 J**	**0.87 J**	**320 J**
Naphthalene	NE	NE	**3800 J**	**6200 J**	**8.7 J**	**450**	**4800 J**	**510**	**4600**	**4100 J**	**0.84 J**	**1200 J**
Phenanthrene	NE	NE	**1500 J**	**2200 J**	**25 J**	**270**	**1300 J**	**300**	**1500**	**1400 J**	**1.6 J**	**320 J**
Pyrene	NE	NE	**590 J**	**860 J**	**24 J**	**120**	**510 J**	**150**	**630**	**550 J**	**4.4 J**	**160 J**
Total PAHs	4	45	**12133**	**18536**	**148.2**	**1853.8**	**12225**	**2085**	**12882**	**11618**	**17.59**	**2790**
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	0.71 UJ	140 UJ
Butyl benzyl phthalate	NE	NE	290 UJ	580 UJ	3.3 UJ	**2.7 J**	560 UJ	51 U	540 U	570 UJ	0.71 UJ	140 UJ
Carbazole	NE	NE	290 UJ	580 UJ	**0.23 J**	**4.7 J**	560 UJ	**6.5 J**	540 U	570 UJ	0.71 UJ	140 UJ
4-Chloroaniline	NE	NE	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	0.71 UJ	140 UJ
Dibenzofuran	NE	NE	**62 J**	**83 J**	**0.72 J**	**11 J**	**55 J**	**13 J**	**59 J**	**53 J**	**0.13 J**	**31 J**
1,2-Dichlorobenzene	0.85	6.1	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	**0.067 J**	140 UJ
1,3-Dichlorobenzene	2.1	7.1	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	0.71 UJ	140 UJ
1,4-Dichlorobenzene	1.2	5.1	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	**0.12 J**	140 UJ
Di-n-butyl phthalate	NE	NE	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	**0.13 J**	140 UJ
4-Methylphenol (p-Cresol)	NE	NE	290 UJ	580 UJ	**0.26 J**	47 U	**40 J**	51 U	540 U	570 UJ	**0.45 J**	140 UJ
3-Nitroaniline	NE	NE	1800 UJ	3600 UJ	21 UJ	300 U	3500 UJ	320 U	3400 U	3600 UJ	4.4 UJ	890 UJ
1,2,4-Trichlorobenzene	2	7.4	290 UJ	580 UJ	3.3 UJ	47 U	560 UJ	51 U	540 U	570 UJ	0.71 UJ	140 UJ
Total SVOCs	NE	NE	**12195**	**18619**	**149.41**	**1872.2**	**12320**	**2104.5**	**12941**	**11671**	**18.487**	**2821**
PCBs (mg/kg)												
Aroclor 1242	NE	NE	**0.58 JN**	0.072 UJ	0.082 UJ	0.03 U	0.18 UJ	0.032 UJ	0.034 U	0.18 UJ	**0.22 J**	0.088 UJ
Aroclor 1248	NE	NE	0.19 UJ	0.072 UJ	**0.54 J**	0.03 U	**0.45 J**	0.032 UJ	0.034 U	**1.1 J**	0.089 UJ	**0.37 JN**
Aroclor 1254	NE	NE	0.19 UJ	0.072 UJ	**0.63 JN**	0.03 U	0.18 UJ	**0.042 JN**	0.034 U	0.18 UJ	**0.28 J**	**0.43 JN**
Aroclor 1260	NE	NE	0.19 UJ	0.072 UJ	**0.48 J**	0.03 UJ	0.18 UJ	**0.014 J**	0.034 UJ	0.18 UJ	**0.074 J**	**0.24 J**
Total PCBs	0.1	1	**0.58**	ND	**1.65**	ND	**0.45**	**0.056**	ND	**1.1**	**0.574**	**1.04**
Pesticides (mg/kg)												
Aldrin	NE	NE	0.037 UJ	0.036 UJ	0.0082 UJ	**0.062 JN**	0.14 UJ	**0.031 JN**	0.068 U	0.073 UJ	0.022 UJ	0.044 UJ
alpha-BHC	NE	NE	**0.042 JN**	**0.037 JN**	**0.017 J**	0.06 U	**0.18 JN**	0.013 U	**0.43 JN**	0.073 UJ	0.022 UJ	**0.066 J**
beta-BHC	NE	NE	**0.21 J**	0.036 UJ	**0.0091 JN**	**0.099 J**	**1.4 J**	**0.032 JN**	0.068 U	0.073 UJ	0.022 UJ	0.044 UJ
gamma-BHC	NE	NE	0.037 UJ	0.036 UJ	0.0082 UJ	0.06 U	0.14 UJ	0.013 U	0.068 U	0.073 UJ	0.022 UJ	0.044 UJ
delta-BHC	NE	NE	0.037 UJ	0.036 UJ	0.0082 UJ	0.06 U	**0.44 J**	**0.071 JN**	**0.22 J**	**0.21 J**	0.022 UJ	0.044 UJ
alpha-chlordane	0.063	1.4	0.037 UJ	0.036 UJ	**0.01 J**	0.06 U	0.14 UJ	**0.027 JN**	**0.13 JN**	**0.16 JN**	0.022 UJ	0.044 UJ
gamma-chlordane	0.063	1.4	**0.37 J**	**0.041 JN**	**0.023 JN**	0.06 U	**0.24 JN**	0.013 UJ	**0.09 JN**	**0.46 JN**	**0.024 JN**	**0.052 JN**
4,4-DDD	0.044	5.7	0.073 UJ	0.07 UJ	**0.18 J**	**0.44 JN**	0.27 UJ	0.025 U	0.13 U	**0.19 JN**	**0.14 J**	**0.23 J**
4,4'-DDE	0.044	5.7	0.073 UJ	0.07 UJ	**0.27 JN**	0.12 U	0.27 UJ	0.025 UJ	**0.31 JN**	**0.36 JN**	**0.33 J**	**0.13 JN**
4,4'-DDT	0.044	5.7	**0.88 J**	**0.24 J**	**0.024 JN**	**0.78 J**	**3.8 J**	**0.28 J**	**0.58 JN**	**0.59 JN**	**0.12 J**	**0.092 JN**
Dieldrin	0.006	2.3	0.073 UJ	0.07 UJ	**0.018 JN**	0.12 U	0.27 UJ	**0.045 J**	0.13 U	0.14 UJ	**0.046 J**	0.085 UJ
Endosulfan I	0.0001	0.003	0.037 UJ	0.036 UJ	0.0082 UJ	**0.13 J**	0.14 UJ	0.013 UJ	0.068 U	0.073 UJ	0.022 UJ	0.044 UJ
Endosulfan II	0.0001	0.003	0.073 UJ	0.07 UJ	0.016 UJ	0.12 U	0.27 UJ	0.025 U	**0.24 J**	**0.21 J**	0.043 UJ	**0.043 J**
Endosulfan sulfate	NE	NE	**0.3 JN**	**0.12 JN**	**0.05 J**	0.12 U	**1.3 JN**	**0.28 J**	0.13 U	0.14 UJ	0.043 UJ	0.085 UJ
Endrin	0.006	0.096	0.073 UJ	0.07 UJ	0.016 UJ	0.12 U	0.27 UJ	0.025 U	0.13 U	0.14 UJ	**0.014 J**	0.085 UJ
Endrin aldehyde	NE	NE	0.36 UJ	0.14 UJ	0.16 UJ	**0.72 J**	**0.48 J**	0.31 U	0.33 U	**0.44 JN**	0.17 UJ	0.17 UJ
Endrin ketone	NE	NE	**0.088 JN**	0.07 UJ	0.016 UJ	**0.31 J**	0.27 UJ	**0.1 J**	**0.79**	**0.74 J**	0.043 UJ	**0.089 J**
Heptachlor	0.071	1.1	**0.038 J**	**0.029 J**	**0.018 J**	**0.095 J**	**0.25 J**	**0.062 J**	0.068 U	0.073 UJ	**0.021 J**	**0.076 J**
Heptachlor epoxide	0.015	0.22	**0.16 J**	0.036 UJ	**0.038 J**	**0.27 J**	**0.32 J**	**0.15 J**	**0.082 JN**	**0.074 J**	**0.036 J**	**0.038 J**
Methoxychlor	0.059	NE	**0.74 J**	0.36 UJ	0.082 UJ	**1.5 J**	**2.8 J**	**0.64 J**	0.68 U	0.73 UJ	0.22 UJ	**0.31 J**
Herbicides (mg/kg)												
Total Herbicides	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (mg/kg)												
Aluminum	NE	NE	**12700 J**	**11600 J**	**17000 J**	**5880**	**13200 J**	**9820**	**9260**	**9390 J**	**17600 J**	**10600 J**
Antimony	NE	NE	9 UJ	8.6 UJ	9.7 UJ	**12.1 J**	8.3 UJ	**9.5 J**	**4.2 J**	**8.8 J**	10.3 UJ	**4.3 J**
Arsenic	8.2	70	**162 J**	**175 J**	**32.6 J**	**326**	**173 J**	**198**	**278**	**276 J**	**28.9 J**	**117 J**
Barium	NE	NE	**580 J**	**479 J**	**308 J**	**621 J**	**439 J**	**750 J**	**667 J**	**675 J**	**257 J**	**613 J**
Beryllium	NE	NE	**0.87 J**	**0.79 J**	**1.3 J**	**0.48 J**	**0.88 J**	**0.72 J**	**0.67 J**	**0.7 J**	**1.3 J**	**0.88 J**
Cadmium	1.2	9.6	**3.4 J**	**2.7 J**	**18 J**	**4 J**	**2.7 J**	**4.3 J**	**3.3 J**	**6.9 J**	**13.6 J**	**13.6 J**
Calcium	NE	NE	**8170 J**	**7170 J**	**5670 J**	**6500**	**8290 J**	**7450**	**6670**	**7480 J**	**5450 J**	**9710 J**
Chromium	81	370	**161 J**	**146 J**	**475 J**	**206 J**	**129 J**	**162 J**	**263 J**	**268 J**	**398 J**	**836 J**
Cobalt	NE	NE	**9.1 J**	**8.8 J**	**12.4 J**	**6**	**10.1 J**	**7.6**	**7.1**	**8.8 J**	**12.8 J**	**11.5 J**
Copper	34	270	**603 J**	**549 J**	**518 J**	**1260**	**597 J**	**791**	**805**	**839 J**	**477 J**	**691 J**
Iron	NE	NE	**29500 J**	**27000 J**	**36300 J**	**23900**	**28200 J**	**28500**	**23600**	**29900 J**	**37300 J**	**30500 J**
Lead	47	220	**1040 J**	**1340 J**	**743 J**	**2140 J**	**953 J**	**1640 J**	**2040 J**	**1900 J**	**622 J**	**1600 J**
Magnesium	NE	NE	**7840 J**	**6980 J**	**8410 J**	**4140**	**7420 J**	**6280**	**5580**	**6120 J**	**8590 J**	**6900 J**
Manganese	NE	NE	**360 J**	**360 J**	**382 J**	**179**	**386 J**	**259**	**260**	**256 J**	**364 J**	**287 J**
Mercury	0.15	0.71	**9.2 J**	**7 J**	**4 J**	**8.5**	**10.3 J**	**12.6**	**16**	**13.1 J**	**5 J**	**5.3 J**
Nickel	21	52	**51.3 J**	**44.4 J**	**76.2 J**	**43.7 J**	**46.9 J**	**40.5 J**	**46.8 J**	**53.2 J**	**65.9 J**	**68.9 J**
Potassium	NE	NE	**3130 J**	**2800 J**	**3830 J**	**1530 J**	**3090 J**	**2530 J**	**2270 J**	**2430 J**	**3830 J**	**2620 J**
Selenium	NE	NE	20.4 UJ	19.6 UJ	22.1 UJ	16.1 UJ	18.9 UJ	17.6 UJ	18 UJ	19.3 UJ	23.5 UJ	24.3 UJ
Silver	1	3.7	**10.4 J**	**8.2 J**	**16.2 J**	**6.7**	**7.2 J**	**5.2**	**5.7**	**10 J**	**15.3 J**	**11.7 J**
Sodium	NE	NE	**9090 J**	**8390 J**	**11400 J**	**6040**	**7710 J**	**7910**	**7350**	**8500 J**	**12700 J**	**12100 J**
Thallium	NE	NE	8.2 UJ	7.8 UJ	8.8 UJ	**1.7 J**	7.6 UJ	7 UJ	7.2 UJ	7.7 UJ	9.4 UJ	9.7 UJ
Vanadium	NE	NE	**42.8 J**	**36.8 J**	**76.1 J**	**22.7 J**	**43.1 J**	**32.9 J**	**31.2 J**	**37.8 J**	**80.9 J**	**41.1 J**
Zinc	150	410	**869 J**	**877 J**	**764 J**	**1400 J**	**835 J**	**1200 J**	**863 J**	**1120 J**	**614 J**	**1750 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	**0.132 J**	**0.258 J**	0.479 UJ	**0.139 J**	**0.625 J**	**0.113 J**	**0.157 J**	**0.126 J**	0.517 UJ	**0.156 J**
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: / Sample Depth (ft bss): / Sample Date:	SSGV Class B	SSGV Class C	WW-SED-04 (3-4) 9/30/2009	WW-SED-04 (16.75-17.3) 9/30/2009	WW-SED-05 (0-0.5) 9/29/2009	WW-SED-05 (4.5-5.0) 9/29/2009	WW-SED-05 (19.5-20) 9/29/2009	Duplicate of WW-SED-05 (19.5-20) 9/29/2009	WW-SED-06 (0-0.5) 9/29/2009	WW-SED-06 (9-10) 9/29/2009	WW-SED-06 (15-18.5) 9/29/2009	WW-SED-07 (0-0.5) 9/29/2009
BTEX (mg/kg)												
Benzene	0.46	1.4	**100**	**0.0049 J**	**8 J**	**210 J**	**0.0028 J**	**0.0028 J**	**22**	**28**	**0.017 J**	**0.0026 J**
Toluene	0.8	3.3	**470**	**0.0065 J**	**1.3 J**	**740 J**	0.013 UJ	**0.00038 J**	**32**	**33**	**0.025 J**	0.014 UJ
Ethylbenzene	0.11	0.75	**700**	**0.0096 J**	**46 J**	**900 J**	**0.0023 J**	**0.0031 J**	**170**	**190**	**0.082 J**	0.014 UJ
Total Xylene	0.091	0.64	**730**	**0.016 J**	**57 J**	**970 J**	**0.014 J**	**0.018 J**	**180**	**200**	**0.094 J**	**0.0053 J**
Total BTEX	NE	NE	**2000**	**0.037**	**112.3**	**2820**	**0.0191**	**0.02428**	**404**	**451**	**0.218**	**0.0079**
Total VOCs (mg/kg)												
Acetone	NE	NE	50 U	**0.079 J**	11 UJ	110 UJ	0.052 UJ	**0.13 J**	16 U	21 U	0.054 UJ	0.056 UJ
2-Butanone (Methyl ethyl ketone)	NE	NE	20 U	0.026 UJ	4.3 UJ	45 UJ	**0.032 J**	**0.033 J**	6.3 U	8.3 U	0.027 UJ	0.028 UJ
Carbon disulfide	NE	NE	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	**0.0041 J**	6.3 U	8.3 U	**0.003 J**	0.014 UJ
Chlorobenzene	0.66	4.6	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	0.011 UJ	6.3 U	8.3 U	0.013 UJ	0.014 UJ
cis-1,2-Dichloroethene	NE	NE	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	0.011 UJ	6.3 U	8.3 U	0.013 UJ	0.014 UJ
Styrene	NE	NE	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	0.011 UJ	6.3 U	8.3 U	0.013 UJ	0.014 UJ
Tetrachloroethene	2.6	8.8	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	0.011 UJ	6.3 U	8.3 U	0.013 UJ	0.014 UJ
Vinyl chloride	NE	NE	20 U	0.013 UJ	4.3 UJ	45 UJ	0.013 UJ	0.011 UJ	6.3 U	8.3 U	0.013 UJ	0.014 UJ
Total VOCs	NE	NE	**2000**	**0.116**	**112.3**	**2820**	**0.0511**	**0.19138**	**404**	**451**	**0.221**	**0.0079**
PAHs (mg/kg)												
Acenaphthene	NE	NE	**2100**	**0.34 J**	**85 J**	**880 J**	**1.1 J**	**1.3 J**	**350**	**280**	**1.3 J**	**0.47 J**
Acenaphthylene	NE	NE	**190 J**	**0.25 J**	**4.3 J**	**900 J**	**0.51 J**	**1 J**	**28 J**	**24 J**	**0.41 J**	**0.24 J**
Anthracene	NE	NE	**890**	**0.41 J**	**43 J**	**640 J**	**1 J**	**1.5 J**	**140 J**	**110**	**0.96 J**	**0.76 J**
Benz[a]anthracene	NE	NE	**380 J**	**0.86 J**	**17 J**	**250 J**	**2 J**	**4.4 J**	**53 J**	**49 J**	**1.5 J**	**1.6 J**
Benzo[a]pyrene	NE	NE	**290 J**	**0.97 J**	**14 J**	**200 J**	**2.2 J**	**4.6 J**	**43 J**	**40 J**	**1.6 J**	**1.8 J**
Benzo[b]fluoranthene	NE	NE	**200 J**	**1.2 J**	**12 J**	**130 J**	**1.9 J**	**3.5 J**	**29 J**	**27 J**	**1.5 J**	**2.4 J**
Benzo[g,h,i]perylene	NE	NE	540 U	**1.1 J**	**3.4 J**	600 UJ	**2.1 J**	**4.1 J**	170 U	89 U	**1.6 J**	**2.3 J**
Benzo[k]fluoranthene	NE	NE	**75 J**	**0.23 J**	**3.7 J**	**55 J**	**0.54 J**	**0.93 J**	170 U	**13 J**	**0.49 J**	**0.62 J**
Chrysene	NE	NE	**360 J**	**1 J**	**17 J**	**260 J**	**2.2 J**	**4.6 J**	**53 J**	**52 J**	**1.6 J**	**1.8 J**
Dibenz[a,h]anthracene	NE	NE	540 U	**0.34 J**	12 UJ	600 UJ	**0.5 J**	**1.1 J**	170 U	89 U	**0.42 J**	**0.55 J**
Fluoranthene	NE	NE	**720**	**1.5 J**	**33 J**	**490 J**	**3.3 J**	**5.1 J**	**110 J**	**97**	**2 J**	**2.8 J**
Fluorene	NE	NE	**1000**	**0.3 J**	**39 J**	**890 J**	**0.79 J**	**0.96 J**	**160 J**	**140**	**0.93 J**	**0.43 J**
Indeno[1,2,3-cd]pyrene	NE	NE	540 U	**1.2 J**	**3.8 J**	**49 J**	**2.3 J**	**4.2 J**	170 U	**9.4 J**	**1.7 J**	**2.4 J**
2-Methylnaphthalene	NE	NE	**3900**	**0.71 J**	**140 J**	**4100 J**	**1.7 J**	**1.6 J**	**710**	**560**	**2.3 J**	**1.1 J**
Naphthalene	NE	NE	**6100**	**0.87 J**	**220 J**	**6600 J**	**1.6 J**	**1.4 J**	**1200**	**890**	**3.2 J**	**1.3 J**
Phenanthrene	NE	NE	**2600**	**1.3 J**	**91 J**	**2100 J**	**3.5 J**	**6 J**	**420**	**360**	**2.6 J**	**2.4 J**
Pyrene	NE	NE	**1100**	**3.9 J**	**43 J**	**800 J**	**8.4 J**	**16 J**	**160 J**	**150**	**5.3 J**	**4.8 J**
Total PAHs	4	45	**19905**	**16.48**	**769.2**	**18344**	**35.64**	**62.29**	**3456**	**2801.4**	**29.41**	**27.77**
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	540 U	**9.2 J**	12 UJ	600 UJ	**9.8 J**	1.2 UJ	170 U	89 U	**13 J**	1.5 UJ
Butyl benzyl phthalate	NE	NE	540 U	0.7 UJ	12 UJ	600 UJ	0.7 UJ	1.2 UJ	170 U	89 U	**0.4 J**	**0.25 J**
Carbazole	NE	NE	**48 J**	**0.11 J**	**1.8 J**	600 UJ	**0.19 J**	**0.18 J**	170 U	89 U	**0.095 J**	**0.26 J**
4-Chloroaniline	NE	NE	540 U	0.7 UJ	12 UJ	600 UJ	**0.15 J**	**0.34 J**	170 U	89 U	**0.36 J**	**0.79 J**
Dibenzofuran	NE	NE	**130 J**	**0.12 J**	**4.5 J**	**92 J**	**0.23 J**	**0.24 J**	**19 J**	**16 J**	**0.25 J**	**0.18 J**
1,2-Dichlorobenzene	0.85	6.1	540 U	**0.075 J**	12 UJ	600 UJ	**0.11 J**	**0.086 J**	170 U	89 U	**0.048 J**	1.5 UJ
1,3-Dichlorobenzene	2.1	7.1	540 U	0.7 UJ	12 UJ	600 UJ	0.7 UJ	1.2 UJ	170 U	89 U	**0.045 J**	1.5 UJ
1,4-Dichlorobenzene	1.2	5.1	540 U	**0.14 J**	12 UJ	600 UJ	**0.2 J**	**0.17 J**	170 U	89 U	**0.18 J**	**0.38 J**
Di-n-butyl phthalate	NE	NE	540 U	**0.45 J**	12 UJ	600 UJ	**0.59 J**	**0.21 J**	170 U	89 U	**0.15 J**	1.5 UJ
4-Methylphenol (p-Cresol)	NE	NE	540 U	**1.2 J**	12 UJ	**47 J**	**1.4 J**	**0.89 J**	170 U	89 U	**0.27 J**	**0.4 J**
3-Nitroaniline	NE	NE	3400 U	**0.13 J**	73 UJ	3800 UJ	4.4 UJ	7.4 UJ	1100 U	560 U	4.6 UJ	**0.094 J**
1,2,4-Trichlorobenzene	2	7.4	540 U	0.7 UJ	12 UJ	600 UJ	0.7 UJ	1.2 UJ	170 U	89 U	**0.065 J**	1.5 UJ
Total SVOCs	NE	NE	**20083**	**27.905**	**775.5**	**18483**	**48.31**	**64.406**	**3475**	**2817.4**	**44.273**	**30.124**
PCBs (mg/kg)												
Aroclor 1242	NE	NE	0.033 UJ	R	0.036 UJ	0.075 UJ	0.044 UJ	R	0.021 U	0.027 U	**1.6 J**	**3.3 J**
Aroclor 1248	NE	NE	0.033 UJ	**0.41 J**	**0.057 J**	0.075 UJ	**0.35 J**	**0.078 J**	**0.035 J**	**0.068 J**	0.23 UJ	0.23 UJ
Aroclor 1254	NE	NE	0.033 UJ	**0.33 J**	0.036 UJ	0.075 UJ	**0.38 J**	**0.099 J**	**0.032 J**	**0.063 JN**	**1 J**	**1.1 J**
Aroclor 1260	NE	NE	0.033 UJ	**0.1 J**	**0.12 J**	0.075 UJ	**0.18 J**	**0.049 J**	**0.04 J**	**0.084 J**	**0.61 J**	**0.82 J**
Total PCBs	0.1	1	ND	**0.84**	**0.177**	ND	**0.91**	**0.226**	**0.107**	**0.215**	**3.21**	**5.22**
Pesticides (mg/kg)												
Aldrin	NE	NE	0.066 UJ	0.022 UJ	0.036 UJ	0.075 UJ	0.044 UJ	0.037 UJ	0.021 U	0.055 U	0.023 UJ	0.046 UJ
alpha-BHC	NE	NE	**0.078 JN**	**0.014 J**	0.036 UJ	**0.088 JN**	0.044 UJ	0.037 UJ	0.021 U	**0.16**	0.023 UJ	0.046 UJ
beta-BHC	NE	NE	0.066 U	0.022 UJ	**0.014 J**	**0.31 J**	0.044 UJ	0.037 UJ	**0.06 J**	**0.13 J**	0.023 UJ	0.046 UJ
gamma-BHC	NE	NE	0.066 U	0.022 UJ	0.036 UJ	0.075 UJ	0.044 UJ	0.037 UJ	0.021 U	0.055 U	0.023 UJ	0.046 UJ
delta-BHC	NE	NE	0.066 UJ	0.022 UJ	0.036 UJ	**0.25 JN**	0.044 UJ	0.037 UJ	**0.067 J**	**0.07 JN**	**0.03 JN**	**0.087 JN**
alpha-chlordane	0.063	1.4	0.066 U	**0.031 J**	0.036 UJ	0.075 UJ	0.044 UJ	**0.016 J**	0.021 U	0.055 U	**0.019 J**	0.046 UJ
gamma-chlordane	0.063	1.4	**0.13 JN**	**0.035 JN**	0.036 UJ	**0.11 JN**	0.044 UJ	0.037 UJ	0.021 U	**0.079 JN**	**0.032 J**	**0.054 JN**
4,4-DDD	0.044	5.7	0.13 UJ	**0.33 J**	0.07 UJ	0.15 UJ	**0.17 J**	**0.16 J**	**0.055 JN**	**0.14 J**	0.044 UJ	**0.51 J**
4,4'-DDE	0.044	5.7	0.13 UJ	**0.32 J**	0.07 UJ	0.15 UJ	**0.18 J**	**0.17 J**	**0.07 J**	0.11 UJ	0.044 UJ	**0.13 J**
4,4'-DDT	0.044	5.7	**1.3 J**	**0.28 J**	**0.09 J**	**1.3 J**	**0.15 JN**	**0.14 JN**	**0.36 J**	**1.1 J**	0.044 UJ	**1.3 J**
Dieldrin	0.006	2.3	0.13 U	**0.26 J**	0.07 UJ	0.15 UJ	0.085 UJ	**0.11 J**	**0.031 J**	0.11 U	**0.016 J**	0.09 UJ
Endosulfan I	0.0001	0.003	0.066 UJ	0.022 UJ	0.036 UJ	0.075 UJ	0.044 UJ	0.037 UJ	0.021 UJ	0.055 U	0.023 UJ	0.046 UJ
Endosulfan II	0.0001	0.003	0.13 U	0.043 UJ	0.07 UJ	0.15 UJ	0.085 UJ	0.072 UJ	0.04 U	0.11 UJ	**0.052 JN**	0.09 UJ
Endosulfan sulfate	NE	NE	**0.68 JN**	0.043 UJ	0.07 UJ	**0.45 JN**	0.085 UJ	0.072 UJ	**0.17 JN**	**1.1 J**	**0.062 JN**	0.09 UJ
Endrin	0.006	0.096	0.13 UJ	**0.023 J**	0.07 UJ	0.15 UJ	0.085 UJ	0.072 UJ	0.04 UJ	**0.16 JN**	0.044 UJ	**0.051 J**
Endrin aldehyde	NE	NE	**0.55 JN**	**0.11 J**	0.35 UJ	**0.24 JN**	0.43 UJ	0.14 UJ	0.16 U	0.11 U	**0.13 J**	**0.079 JN**
Endrin ketone	NE	NE	0.13 UJ	0.043 UJ	0.07 UJ	0.15 UJ	0.085 UJ	0.072 UJ	0.04 UJ	0.11 UJ	0.044 UJ	0.09 UJ
Heptachlor	0.071	1.1	0.066 U	**0.017 J**	**0.013 J**	0.075 UJ	**0.028 J**	0.037 UJ	0.021 U	0.055 U	0.023 UJ	0.046 UJ
Heptachlor epoxide	0.015	0.22	**0.24 J**	**0.034 J**	0.036 UJ	0.075 UJ	0.044 UJ	0.037 UJ	**0.032 J**	0.055 U	**0.015 J**	0.046 UJ
Methoxychlor	0.059	NE	**1.3 J**	0.22 UJ	0.36 UJ	**0.92 J**	0.44 UJ	0.37 UJ	**0.54**	0.55 UJ	0.23 UJ	0.46 UJ
Herbicides (mg/kg)												
Total Herbicides	NE	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (mg/kg)												
Aluminum	NE	NE	**5420**	**17800 J**	**15400 J**	**8400 J**	**14700 J**	**12200 J**	**1380**	**3760**	**17500 J**	**20900 J**
Antimony	NE	NE	**5.9 J**	10.6 UJ	8.9 UJ	**9.6 J**	10.2 UJ	9 UJ	5 UJ	6.7 UJ	10.9 UJ	11 UJ
Arsenic	8.2	70	**382**	**28.4 J**	**72.2 J**	**305 J**	**34.1 J**	**31.1 J**	**15.1**	**20.8**	**20.8 J**	**22.7 J**
Barium	NE	NE	**575 J**	**282 J**	**402 J**	**685 J**	**291 J**	**306 J**	**78 J**	**116 J**	**186 J**	**209 J**
Beryllium	NE	NE	**0.44 J**	**1.2 J**	**0.98 J**	**0.5 J**	**1.1 J**	**0.94 J**	1.5 U	2 U	**1.1 J**	**1.4 J**
Cadmium	1.2	9.6	**2.7 J**	**15.3 J**	**4.7 J**	**2.4 J**	**22.8 J**	**18.7 J**	**1.9 J**	**4.5 J**	**10.3 J**	**8 J**
Calcium	NE	NE	**4480**	**7160 J**	**6870 J**	**6390 J**	**7070 J**	**6310 J**	**1730**	**2530**	**6860 J**	**7500 J**
Chromium	81	370	**145 J**	**450 J**	**200 J**	**201 J**	**676**	**486 J**	**52.3 J**	**134 J**	**388 J**	**366 J**
Cobalt	NE	NE	**4.3**	**13.5 J**	**12.5 J**	**7.4 J**	**14.4 J**	**13.6 J**	**1.7**	**4.4**	**12.7 J**	**13.4 J**
Copper	34	270	**1170**	**524 J**	**449 J**	**1110 J**	**634 J**	**544 J**	**42.3**	**138**	**497 J**	**502 J**
Iron	NE	NE	**20000**	**38800 J**	**39100 J**	**28100 J**	**40400 J**	**38900 J**	**4380**	**10500**	**36000 J**	**43900 J**
Lead	47	220	**2140 J**	**889 J**	**832 J**	**2180 J**	**1550 J**	**1110 J**	**197 J**	**268 J**	**771 J**	**632 J**
Magnesium	NE	NE	**3230**	**9480 J**	**8920 J**	**5590 J**	**8590 J**	**7240 J**	**890**	**2280**	**9710 J**	**11000 J**
Manganese	NE	NE	**147**	**437 J**	**516 J**	**264 J**	**380 J**	**336 J**	**41.4**	**98.5**	**436 J**	**545 J**
Mercury	0.15	0.71	**9**	**5 J**	**10.8 J**	**15.9 J**	**3.5 J**	**4.1 J**	**3.9**	**2**	**3.9 J**	**3.2 J**
Nickel	21	52	**37.7 J**	**118 J**	**50.3 J**	**38.6 J**	**116 J**	**99.5 J**	**9.3 J**	**27.2 J**	**66.6 J**	**67 J**
Potassium	NE	NE	**1330 J**	**4070 J**	**3850 J**	**2250 J**	**3910 J**	**3130 J**	**197 J**	**1010 J**	**4210 J**	**5570 J**
Selenium	NE	NE	18.4 UJ	24.1 UJ	20.2 UJ	20.7 UJ	23.2 UJ	20.4 UJ	11.4 UJ	15.2 UJ	24.7 UJ	25 UJ
Silver	1	3.7	**3.8**	**16.3 J**	**11.2 J**	**11.9 J**	**21.1 J**	**18.3 J**	**0.59 J**	**2.4**	**15.6 J**	**18.1 J**
Sodium	NE	NE	**6580**	**12600 J**	**10100 J**	**8610 J**	**13800 J**	**10800 J**	**1080**	**3380**	**13400 J**	**14600 J**
Thallium	NE	NE	7.4 UJ	9.6 UJ	**4.2 J**	**3.1 J**	**3.7 J**	**3.7 J**	4.6 UJ	6.1 UJ	9.9 UJ	10 UJ
Vanadium	NE	NE	**21.7 J**	**96.5 J**	**47.4 J**	**34.9 J**	**109 J**	**90.3 J**	**4.9 J**	**12.5 J**	**64.2 J**	**89.1 J**
Zinc	150	410	**1070 J**	**762 J**	**713 J**	**1160 J**	**1060 J**	**958 J**	**129 J**	**328 J**	**540 J**	**542 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	**0.118 J**	0.512 U	**0.128 J**	**0.175 J**	0.509 UJ	0.431 UJ	0.249 UJ	0.324 UJ	0.528 UJ	0.545 UJ
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: / Sample Depth (ft bss): / Sample Date:	SSGV Class B	SSGV Class C	WW-SED-07 (4-4.5) 9/29/2009	WW-SED-07 (15-15.7) 9/29/2009	WW-SED-08 (0-0.5) 11/12/2010	WW-SED-08 (26.5-27.5) 11/12/2010	WW-SED-08 (62-63) 11/12/2010	WW-SED-09 (0-0.5) 11/11/2010	WW-SED-09 (23.5-24) 11/11/2010	WW-SED-09 (39.5-40) 11/11/2010	WW-SED-10 (0-0.5) 11/16/2010	WW-SED-10 (20-21) 11/16/2010
BTEX (mg/kg)												
Benzene	0.46	1.4	**0.36 J**	**0.0023 J**	0.0026 UJ	**17**	0.0012 U	0.24 UJ	**35 J**	**0.0075**	0.015 UJ	**18**
Toluene	0.8	3.3	**0.0068 J**	0.014 UJ	0.0026 U	**94**	**0.00059 J**	0.24 UJ	**150 J**	**0.0018**	0.015 UJ	**74**
Ethylbenzene	0.11	0.75	**0.23 J**	0.014 UJ	**0.0014 J**	**250**	**0.00064 J**	0.24 UJ	**340 J**	**0.012**	0.015 UJ	**120**
Total Xylene	0.091	0.64	**0.27 J**	**0.0018 J**	0.0077 UJ	**290**	0.0035 U	**0.12 J**	**410 J**	**0.0054**	0.015 UJ	**130**
Total BTEX	NE	NE	**0.8668**	**0.0041**	**0.0014**	**651**	**0.00123**	**0.12**	**935**	**0.0267**	ND	**342**
Total VOCs (mg/kg)												
Acetone	NE	NE	0.045 UJ	0.056 UJ	0.026 U	R	**0.0079 J**	R	R	**0.0094 J**	**0.081 J**	25 U
2-Butanone (Methyl ethyl ketone)	NE	NE	**0.036 J**	0.028 UJ	**0.0079 J**	R	R	R	R	**0.00089 J**	0.029 UJ	9.8 U
Carbon disulfide	NE	NE	**0.0046 J**	**0.0047 J**	**0.017 J**	7.2 UJ	**0.0007 J**	0.24 UJ	20 UJ	**0.00063 J**	0.015 UJ	9.8 U
Chlorobenzene	0.66	4.6	**0.0036 J**	0.014 UJ	0.0026 UJ	7.2 U	0.0012 U	0.24 UJ	20 UJ	0.0011 U	0.015 UJ	9.8 U
cis-1,2-Dichloroethene	NE	NE	0.011 UJ	0.014 UJ	0.0026 UJ	7.2 U	0.0012 U	0.24 UJ	20 UJ	0.0011 U	0.015 UJ	9.8 U
Styrene	NE	NE	0.011 UJ	0.014 UJ	0.0026 UJ	7.2 U	0.0012 U	0.24 UJ	20 UJ	0.0011 U	0.015 UJ	9.8 U
Tetrachloroethene	2.6	8.8	0.011 UJ	0.014 UJ	0.0026 UJ	7.2 U	0.0012 U	0.24 UJ	20 UJ	0.0011 U	0.015 UJ	9.8 U
Vinyl chloride	NE	NE	0.011 UJ	0.014 UJ	0.0026 UJ	7.2 U	0.0012 U	0.24 UJ	20 UJ	R	0.015 UJ	9.8 U
Total VOCs	NE	NE	**0.911**	**0.0088**	**0.0263**	**651**	**0.00983**	**0.12**	**935**	**0.03762**	**0.081**	**342**
PAHs (mg/kg)												
Acenaphthene	NE	NE	**0.69 J**	**0.23 J**	0.93 UJ	**160**	0.39 U	0.81 UJ	**260 J**	0.39 U	0.97 UJ	**100**
Acenaphthylene	NE	NE	**0.4 J**	**0.29 J**	0.93 UJ	**5.2 J**	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	**6.8 J**
Anthracene	NE	NE	**0.75 J**	**0.54 J**	0.93 UJ	**71**	0.39 U	**0.18 J**	**110 J**	0.39 U	0.97 UJ	**45**
Benz[a]anthracene	NE	NE	**1.3 J**	**1.1 J**	**0.14 J**	**34**	0.039 U	**0.28 J**	**46 J**	0.039 U	**0.19 J**	**21**
Benzo[a]pyrene	NE	NE	**1.2 J**	**1.3 J**	**0.14 J**	**26**	0.039 U	**0.29 J**	**35 J**	0.039 U	**0.24 J**	**16**
Benzo[b]fluoranthene	NE	NE	**1.6 J**	**1.8 J**	**0.14 J**	**18**	0.039 U	**0.24 J**	**21 J**	0.039 U	**0.24 J**	**10**
Benzo[g,h,i]perylene	NE	NE	**1.4 J**	**1.6 J**	0.93 UJ	**11 J**	0.39 U	**0.18 J**	**11 J**	0.39 UJ	0.97 UJ	**5.8 J**
Benzo[k]fluoranthene	NE	NE	**0.37 J**	**0.34 J**	0.093 UJ	**7.4**	0.039 U	**0.16 J**	**11 J**	0.039 U	**0.1 J**	**6**
Chrysene	NE	NE	**1.4 J**	**1.2 J**	**0.16 J**	**38**	0.39 U	**0.35 J**	**46 J**	0.39 U	**0.23 J**	**14 J**
Dibenz[a,h]anthracene	NE	NE	**0.4 J**	1.5 UJ	0.093 UJ	**3.1 J**	0.039 U	0.081 UJ	3.5 UJ	0.039 U	0.097 UJ	**1.9**
Fluoranthene	NE	NE	**2.1 J**	**1.5 J**	0.93 UJ	**58**	0.39 U	**0.27 J**	**47 J**	0.39 U	0.97 UJ	**32**
Fluorene	NE	NE	**0.55 J**	**0.21 J**	0.93 UJ	**77**	0.39 U	0.81 UJ	**92 J**	0.39 U	0.97 UJ	**36**
Indeno[1,2,3-cd]pyrene	NE	NE	**1.4 J**	**1.6 J**	0.093 UJ	**9.5**	0.039 U	**0.16 J**	**11**	0.039 U	**0.13 J**	**5.3**
2-Methylnaphthalene	NE	NE	**1.6 J**	**0.26 J**	0.93 UJ	**260**	**0.12 J**	**0.12 J**	**370 J**	0.39 U	0.97 UJ	**160**
Naphthalene	NE	NE	**18 J**	**0.3 J**	0.93 UJ	**400**	**0.2 J**	**0.14 J**	**520 J**	0.39 U	0.97 UJ	**230**
Phenanthrene	NE	NE	**2.3 J**	**0.96 J**	0.93 UJ	**210**	0.39 U	**0.3 J**	**310**	0.39 U	**0.17 J**	**130**
Pyrene	NE	NE	**5.7 J**	**3.6 J**	**0.31 J**	**95**	0.39 U	**0.51 J**	**130 J**	0.39 U	**0.46 J**	**53**
Total PAHs	4	45	**41.16**	**16.83**	**0.89**	**1483.2**	**0.32**	**3.18**	**2020**	ND	**1.76**	**872.8**
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	**10 J**	**20 J**	**1.3 J**	32 U	0.39 U	**2.3 J**	35 UJ	0.39 U	**0.66 J**	16 U
Butyl benzyl phthalate	NE	NE	1.2 UJ	**0.38 J**	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
Carbazole	NE	NE	**0.22 J**	1.5 UJ	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
4-Chloroaniline	NE	NE	**0.42 J**	**1.1 J**	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
Dibenzofuran	NE	NE	**0.25 J**	1.5 UJ	0.93 UJ	**9.1 J**	0.39 U	0.81 UJ	**12 J**	0.39 U	0.97 UJ	**5.5 J**
1,2-Dichlorobenzene	0.85	6.1	1.2 UJ	1.5 UJ	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
1,3-Dichlorobenzene	2.1	7.1	1.2 UJ	1.5 UJ	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
1,4-Dichlorobenzene	1.2	5.1	**0.34 J**	1.5 UJ	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
Di-n-butyl phthalate	NE	NE	**0.22 J**	1.5 UJ	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
4-Methylphenol (p-Cresol)	NE	NE	**1.2 J**	**0.19 J**	0.93 UJ	32 U	0.39 U	0.81 UJ	35 UJ	0.39 U	0.97 UJ	16 U
3-Nitroaniline	NE	NE	7.6 UJ	9.4 UJ	1.9 UJ	64 U	0.8 U	1.6 UJ	71 UJ	0.8 U	2 UJ	33 U
1,2,4-Trichlorobenzene	2	7.4	1.2 UJ	1.5 UJ	0.093 UJ	3.2 U	0.039 U	**0.046 J**	3.5 UJ	0.039 U	0.097 UJ	1.6 U
Total SVOCs	NE	NE	**53.81**	**38.5**	**2.19**	**1492.3**	**0.32**	**5.526**	**2032**	ND	**2.42**	**878.3**
PCBs (mg/kg)												
Aroclor 1242	NE	NE	0.19 UJ	**0.24 J**	0.19 UJ	NA	NA	0.16 UJ	NA	NA	0.2 UJ	NA
Aroclor 1248	NE	NE	**0.75 JN**	0.047 UJ	0.19 UJ	NA	NA	0.16 UJ	NA	NA	0.2 UJ	NA
Aroclor 1254	NE	NE	**1.2 J**	**0.15 JN**	0.19 UJ	NA	NA	0.16 UJ	NA	NA	0.2 UJ	NA
Aroclor 1260	NE	NE	**1.2 J**	**0.13 J**	**0.037 J**	NA	NA	**1.3 J**	NA	NA	0.2 UJ	NA
Total PCBs	0.1	1	**3.15**	**0.52**	**0.037**	ND	ND	**1.3**	ND	ND	ND	ND
Pesticides (mg/kg)												
Aldrin	NE	NE	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
alpha-BHC	NE	NE	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
beta-BHC	NE	NE	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
gamma-BHC	NE	NE	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	**0.028 JN**	NA	NA	0.02 UJ	NA
delta-BHC	NE	NE	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
alpha-chlordane	0.063	1.4	**0.044 J**	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
gamma-chlordane	0.063	1.4	**0.05 JN**	**0.039 J**	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
4,4-DDD	0.044	5.7	0.036 UJ	0.045 UJ	0.019 UJ	NA	NA	**0.12 J**	NA	NA	0.02 UJ	NA
4,4'-DDE	0.044	5.7	0.036 UJ	**0.096 J**	0.019 UJ	NA	NA	**0.031 JN**	NA	NA	0.02 UJ	NA
4,4'-DDT	0.044	5.7	**0.12 JN**	0.045 UJ	0.019 UJ	NA	NA	**0.13 J**	NA	NA	0.02 UJ	NA
Dieldrin	0.006	2.3	**0.044 JN**	0.045 UJ	0.019 UJ	NA	NA	**0.025 JN**	NA	NA	0.02 UJ	NA
Endosulfan I	0.0001	0.003	0.019 UJ	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Endosulfan II	0.0001	0.003	0.036 UJ	0.045 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Endosulfan sulfate	NE	NE	0.036 UJ	0.045 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Endrin	0.006	0.096	0.036 UJ	0.045 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Endrin aldehyde	NE	NE	**0.12 JN**	0.18 UJ	0.019 UJ	NA	NA	**0.027 J**	NA	NA	0.02 UJ	NA
Endrin ketone	NE	NE	0.036 UJ	0.045 UJ	0.019 UJ	NA	NA	**0.022 JN**	NA	NA	0.02 UJ	NA
Heptachlor	0.071	1.1	**0.019 J**	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Heptachlor epoxide	0.015	0.22	**0.041 J**	0.023 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Methoxychlor	0.059	NE	0.19 UJ	0.23 UJ	0.019 UJ	NA	NA	0.016 UJ	NA	NA	0.02 UJ	NA
Herbicides (mg/kg)												
Total Herbicides	NE	NE	ND	ND	ND	NA	NA	ND	NA	NA	ND	NA
Metals (mg/kg)												
Aluminum	NE	NE	**15900 J**	**18200 J**	**16900 J**	**11100 J**	**2830 J**	**12600 J**	**11500 J**	**2050 J**	**13600 J**	**10300**
Antimony	NE	NE	8.9 UJ	11 UJ	5.5 UJ	**2.3 J**	2.3 UJ	**3.9 J**	3.9 UJ	2.4 UJ	5.8 UJ	3.8 UJ
Arsenic	8.2	70	**25.9 J**	**23 J**	**16.9 J**	**167**	**1.4**	**27.8 J**	**113 J**	**0.97 J**	**10.3 J**	**61.9**
Barium	NE	NE	**276 J**	**160 J**	**130 J**	**572**	**8.7 J**	**253 J**	**324 J**	**15.7 J**	**76.5 J**	**223**
Beryllium	NE	NE	**1.2 J**	**1.1 J**	**0.88 J**	**0.6 J**	0.46 U	**0.88 J**	**0.7 J**	0.48 U	**0.68 J**	**0.62 J**
Cadmium	1.2	9.6	**24.2 J**	**6.2 J**	**2.9 J**	**1 J**	1.1 U	**21.6 J**	**1.7 J**	1.2 U	**0.78 J**	**1.4 J**
Calcium	NE	NE	**6350 J**	**6340 J**	**8480 J**	**5680 J**	1140 U	**4120 J**	**6720 J**	**2390 J**	**7480 J**	**5360**
Chromium	81	370	**554 J**	**383 J**	**197 J**	**113**	**4.6**	**802 J**	**132 J**	**6.6**	**79 J**	**90.7 J**
Cobalt	NE	NE	**13.5 J**	**12.7 J**	**13.8 J**	**9.6 J**	**4 J**	**11.9 J**	**10.9 J**	**4.5 J**	**11.2 J**	**9.5 J**
Copper	34	270	**681 J**	**409 J**	**277 J**	**464**	**6.2**	**548 J**	**375 J**	**6**	**120 J**	**251**
Iron	NE	NE	**35700 J**	**37000 J**	**40000 J**	**31200**	**5800**	**31300 J**	**32000 J**	**14600**	**31100 J**	**29400**
Lead	47	220	**980 J**	**919 J**	**330 J**	**1380**	**6**	**1730 J**	**1030 J**	1.2 U	**155 J**	**531 J**
Magnesium	NE	NE	**8460 J**	**9420 J**	**9800 J**	**6010**	**1030 J**	**7110 J**	**6580 J**	**1980**	**8170 J**	**5900**
Manganese	NE	NE	**372 J**	**532 J**	**649 J**	**447**	**61.5**	**331 J**	**412 J**	**952**	**575 J**	**391 J**
Mercury	0.15	0.71	**4.7 J**	**3.6 J**	**2.6 J**	**10.2**	0.036 U	**4.5 J**	**7.5 J**	0.037 U	**1.1 J**	**7.5**
Nickel	21	52	**122 J**	**69.7 J**	**50.8 J**	**37.5**	**6.4 J**	**113 J**	**39.4 J**	**5.4 J**	**32.6 J**	**32**
Potassium	NE	NE	**3630 J**	**4060 J**	**4160 J**	**2640**	**183 J**	**3120 J**	**2840 J**	**331 J**	**3700 J**	**2610**
Selenium	NE	NE	20.1 UJ	25.1 UJ	5.5 UJ	3.8 U	2.3 U	**2.7 J**	**3.4 J**	2.4 U	5.8 UJ	**1.8 J**
Silver	1	3.7	**19.7 J**	**13.9 J**	**11.2 J**	**3 J**	2.3 UJ	**18.4 J**	**4.3 J**	2.4 UJ	**3.3 J**	**4.4**
Sodium	NE	NE	**9310 J**	**11100 J**	**15300 J**	**7710**	**608 J**	**12400 J**	**8040 J**	**1390**	**15400 J**	**6800**
Thallium	NE	NE	8.1 UJ	10 UJ	5.5 UJ	3.8 U	2.3 U	4.7 UJ	3.9 UJ	2.4 U	5.8 UJ	3.8 U
Vanadium	NE	NE	**84.1 J**	**59 J**	**55 J**	**36.4**	**4.4 J**	**98.3 J**	**38.5 J**	**12.4**	**38.7 J**	**33.1**
Zinc	150	410	**1010 J**	**475 J**	**399 J**	**512**	**27.4**	**808 J**	**519 J**	**12.8**	**220 J**	**364 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	**0.131 J**	0.552 U	0.56 UJ	0.38 U	0.24 U	0.49 UJ	0.43 UJ	0.24 U	0.59 UJ	0.39 U
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	NA	**45500**	NA	NA	**69300**	NA	NA	**38300**	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: / Sample Depth (ft bss): / Sample Date:	SSGV Class B	SSGV Class C	WW-SED-10 (63-64) 11/16/2010	WW-SED-11 (0-0.5) 11/10/2010	WW-SED-11 (22-23) 11/10/2010	WW-SED-11 (58-59) 11/10/2010	WW-SED-12 (0-0.5) 11/15/2010	WW-SED-12 (22-23) 11/15/2010	WW-SED-12 (79.5-80) 11/15/2010	WW-SED-13 (0-0.5) 11/16/2010	WW-SED-13 (24-24.5) 11/16/2010	WW-SED-13 (54.5-55) 11/16/2010
BTEX (mg/kg)												
Benzene	0.46	1.4	**0.00073 J**	0.0025 UJ	**51 J**	0.0011 U	0.013 UJ	**0.013**	0.0066 U	0.014 UJ	**52**	**0.0014 J**
Toluene	0.8	3.3	0.0059 U	**0.0018 J**	**200 J**	**0.0016**	0.013 UJ	**0.0095**	0.0066 U	0.014 UJ	**120**	0.0057 U
Ethylbenzene	0.11	0.75	0.0059 U	**0.0012 J**	**350 J**	**0.0012**	0.013 UJ	**0.098**	0.0066 U	0.014 UJ	**160**	0.0057 U
Total Xylene	0.091	0.64	0.0059 U	0.0076 UJ	**360 J**	0.0033 U	0.013 UJ	**0.12**	0.0066 U	0.014 UJ	**180**	0.0057 U
Total BTEX	NE	NE	**0.00073**	**0.003**	**961**	**0.0028**	ND	**0.2405**	ND	ND	**512**	**0.0014**
Total VOCs (mg/kg)												
Acetone	NE	NE	0.024 U	**0.14 J**	R	**0.0051 J**	0.053 UJ	**0.015 J**	0.026 U	**0.047 J**	25 U	0.023 U
2-Butanone (Methyl ethyl ketone)	NE	NE	0.012 UJ	**0.021 J**	R	R	0.027 UJ	0.012 U	0.013 UJ	0.029 UJ	9.8 U	0.011 U
Carbon disulfide	NE	NE	0.0059 U	**0.035 J**	21 UJ	0.0011 U	0.013 UJ	0.0059 UJ	0.0066 U	0.014 UJ	9.8 U	0.0057 U
Chlorobenzene	0.66	4.6	0.0059 U	0.0025 UJ	21 UJ	0.0011 U	0.013 UJ	0.0059 U	0.0066 U	0.014 UJ	9.8 U	0.0057 U
cis-1,2-Dichloroethene	NE	NE	0.0059 U	0.0025 UJ	21 UJ	0.0011 U	0.013 UJ	0.0059 U	0.0066 U	0.014 UJ	9.8 U	0.0057 U
Styrene	NE	NE	0.0059 U	0.0025 UJ	21 UJ	0.0011 U	0.013 UJ	0.0059 U	0.0066 U	0.014 UJ	9.8 U	0.0057 U
Tetrachloroethene	2.6	8.8	**0.0014 J**	0.0025 UJ	21 UJ	0.0011 U	0.013 UJ	0.0059 U	**0.0021 J**	0.014 UJ	9.8 U	0.0057 U
Vinyl chloride	NE	NE	0.0059 U	R	21 UJ	R	0.013 UJ	0.0059 U	0.0066 U	0.014 UJ	9.8 U	0.0057 U
Total VOCs	NE	NE	**0.00213**	**0.199**	**961**	**0.0079**	ND	**0.2555**	**0.0021**	**0.047**	**512**	**0.0014**
PAHs (mg/kg)												
Acenaphthene	NE	NE	0.39 U	0.92 UJ	**340 J**	0.39 U	0.88 UJ	**0.099 J**	0.44 U	0.95 UJ	**94**	0.38 U
Acenaphthylene	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	**0.13 J**	0.39 U	0.44 U	0.95 UJ	**4.5 J**	0.38 U
Anthracene	NE	NE	0.39 U	0.92 UJ	**140 J**	0.39 U	0.88 UJ	**0.078 J**	0.44 U	0.95 UJ	**45**	0.38 U
Benz[a]anthracene	NE	NE	0.039 U	**0.3 J**	**52 J**	0.039 U	**0.34 J**	**0.07**	0.044 U	**0.18 J**	**17**	0.038 U
Benzo[a]pyrene	NE	NE	0.039 U	**0.37 J**	**46 J**	0.039 U	**0.49 J**	**0.056**	0.044 U	**0.21 J**	**13**	0.038 U
Benzo[b]fluoranthene	NE	NE	0.039 U	**0.32 J**	**29 J**	0.039 U	**0.48 J**	**0.041**	0.044 U	**0.2 J**	**8.8**	0.038 U
Benzo[g,h,i]perylene	NE	NE	0.39 U	**0.22 J**	**17 J**	0.39 U	**0.32 J**	0.39 U	0.44 U	**0.15 J**	**4.3 J**	0.38 U
Benzo[k]fluoranthene	NE	NE	0.039 U	**0.13 J**	**16 J**	0.039 U	**0.22 J**	0.039 U	0.044 U	**0.095 J**	**4.6**	0.038 U
Chrysene	NE	NE	0.39 U	**0.39 J**	**59 J**	0.39 U	**0.37 J**	**0.077 J**	0.44 U	**0.19 J**	**16**	0.38 U
Dibenz[a,h]anthracene	NE	NE	0.039 U	0.092 UJ	3.5 UJ	0.039 U	**0.094 J**	0.039 U	0.044 U	0.095 UJ	**1.5 J**	0.038 U
Fluoranthene	NE	NE	0.39 U	**0.18 J**	**61 J**	0.39 U	**0.36 J**	**0.073 J**	0.44 U	0.95 UJ	**29**	0.38 U
Fluorene	NE	NE	0.39 U	0.92 UJ	**130 J**	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	**34**	0.38 U
Indeno[1,2,3-cd]pyrene	NE	NE	0.039 UJ	**0.18 J**	**15 J**	0.039 U	**0.25 J**	0.039 UJ	0.044 UJ	**0.12 J**	**4**	0.038 UJ
2-Methylnaphthalene	NE	NE	0.39 U	0.92 UJ	**440 J**	0.39 U	0.88 UJ	**0.16 J**	0.44 U	**0.14 J**	**140**	0.38 U
Naphthalene	NE	NE	0.39 U	0.92 UJ	**640 J**	0.39 U	0.88 UJ	**0.4**	0.44 U	**0.27 J**	**220**	0.38 U
Phenanthrene	NE	NE	0.39 U	**0.21 J**	**380 J**	0.39 U	**0.2 J**	**0.23 J**	0.44 U	0.95 UJ	**120**	0.38 U
Pyrene	NE	NE	0.39 U	**0.56 J**	**160 J**	0.39 U	**0.65 J**	**0.15 J**	0.44 U	**0.39 J**	**47**	0.38 U
Total PAHs	4	45	ND	**2.86**	**2525**	ND	**3.904**	**1.434**	ND	**1.945**	**802.7**	ND
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	0.39 U	**1.4 J**	35 UJ	0.39 U	**0.83 J**	0.39 U	0.44 U	**0.71 J**	16 U	0.38 U
Butyl benzyl phthalate	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
Carbazole	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
4-Chloroaniline	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
Dibenzofuran	NE	NE	0.39 U	0.92 UJ	**15 J**	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	**5.4 J**	0.38 U
1,2-Dichlorobenzene	0.85	6.1	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
1,3-Dichlorobenzene	2.1	7.1	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
1,4-Dichlorobenzene	1.2	5.1	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
Di-n-butyl phthalate	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
4-Methylphenol (p-Cresol)	NE	NE	0.39 U	0.92 UJ	35 UJ	0.39 U	0.88 UJ	0.39 U	0.44 U	0.95 UJ	16 U	0.38 U
3-Nitroaniline	NE	NE	0.79 U	1.9 UJ	71 UJ	0.79 U	1.8 UJ	0.79 U	0.88 U	1.9 UJ	33 U	0.77 U
1,2,4-Trichlorobenzene	2	7.4	0.039 U	0.092 UJ	3.5 UJ	0.039 U	0.088 UJ	0.039 U	0.044 U	0.095 UJ	1.6 U	0.038 U
Total SVOCs	NE	NE	ND	**4.26**	**2540**	ND	**4.734**	**1.434**	ND	**2.655**	**808.1**	ND
PCBs (mg/kg)												
Aroclor 1242	NE	NE	NA	0.19 UJ	NA	NA	0.18 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1248	NE	NE	NA	0.19 UJ	NA	NA	0.18 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1254	NE	NE	NA	0.19 UJ	NA	NA	0.18 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1260	NE	NE	NA	**0.38 J**	NA	NA	0.18 UJ	NA	NA	0.19 UJ	NA	NA
Total PCBs	0.1	1	ND	**0.38**	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (mg/kg)												
Aldrin	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
alpha-BHC	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
beta-BHC	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
gamma-BHC	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
delta-BHC	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
alpha-chlordane	0.063	1.4	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
gamma-chlordane	0.063	1.4	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
4,4-DDD	0.044	5.7	NA	**0.048 J**	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDE	0.044	5.7	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDT	0.044	5.7	NA	**0.033 J**	NA	NA	**0.018 J**	NA	NA	0.019 UJ	NA	NA
Dieldrin	0.006	2.3	NA	**0.025 J**	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan I	0.0001	0.003	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan II	0.0001	0.003	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan sulfate	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endrin	0.006	0.096	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endrin aldehyde	NE	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Endrin ketone	NE	NE	NA	**0.033 J**	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor	0.071	1.1	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor epoxide	0.015	0.22	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Methoxychlor	0.059	NE	NA	0.019 UJ	NA	NA	0.018 UJ	NA	NA	0.019 UJ	NA	NA
Herbicides (mg/kg)												
Total Herbicides	NE	NE	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NE	NE	**2370**	**17300 J**	**9950 J**	**550 J**	**13600 J**	**8240**	**349**	**13500 J**	**7480**	**2250**
Antimony	NE	NE	2.3 UJ	**4.2 J**	**4 J**	2.2 U	5 UJ	2.3 UJ	2.5 UJ	5.4 UJ	**4.1 J**	2.1 UJ
Arsenic	8.2	70	**1.3**	**20.1 J**	**216 J**	1.1 U	**10.9 J**	**3.9**	**1.3**	**11.1 J**	**152**	**0.99 J**
Barium	NE	NE	**47.1**	**150 J**	**565 J**	**7 J**	**62.2 J**	**120**	**56.7**	**80.2 J**	**664**	**13.6 J**
Beryllium	NE	NE	**0.3 J**	**0.92 J**	**0.58 J**	0.43 U	**0.77 J**	**0.3 J**	0.51 U	**0.72 J**	**0.47 J**	0.42 U
Cadmium	1.2	9.6	1.2 U	**3.5 J**	**3.8 J**	1.1 U	**0.43 J**	1.3 U	**0.83 J**	**3.4**	1.1 U	
Calcium	NE	NE	1150 U	**12000 J**	**6750 J**	1080 U	**7320 J**	**5850**	1270 U	**7550 J**	**7100**	**1350**
Chromium	81	370	**6.3 J**	**234 J**	**133 J**	**4.3**	**63.6 J**	**26.6 J**	**2.1 J**	**87.6 J**	**99.7 J**	**6.5 J**
Cobalt	NE	NE	**5.2 J**	**15 J**	**9.5 J**	10.8 U	**11.2 J**	**10 J**	12.7 U	**11.2 J**	**11 J**	**3.4 J**
Copper	34	270	**13.2**	**298 J**	**623 J**	**3.5 J**	**85.4 J**	**23.1**	**11.5**	**123 J**	**562**	**5.6**
Iron	NE	NE	**7560**	**42600 J**	**31800 J**	**629**	**30900 J**	**26800**	**7490**	**30400 J**	**60300**	**8490**
Lead	47	220	**4.7 J**	**477 J**	**2370 J**	**3.8**	**109 J**	**20.2 J**	**6.8 J**	**180 J**	**2320 J**	**2.2 J**
Magnesium	NE	NE	**1120 J**	**10600 J**	**6030 J**	1080 UJ	**7990 J**	**6550**	1270 U	**8040 J**	**4580**	**1570**
Manganese	NE	NE	**104 J**	**607 J**	**308 J**	**17.4**	**556 J**	**449 J**	**291 J**	**555 J**	**610 J**	**136 J**
Mercury	0.15	0.71	0.039 U	**2.3 J**	**8.7 J**	0.038 U	**0.94 J**	**0.075**	0.041 U	**1.2 J**	**14.4**	0.032 U
Nickel	21	52	**7.3 J**	**58.2 J**	**43.4 J**	**1.5 J**	**31.6 J**	**21.2**	10.2 U	**31.2 J**	**51.4**	**5.5 J**
Potassium	NE	NE	**530 J**	**4330 J**	**2480 J**	**345 J**	**3410 J**	**3930**	1270 U	**3550 J**	**1970**	**515 J**
Selenium	NE	NE	2.3 U	5.3 UJ	**4.2 J**	2.2 U	5 UJ	2.3 U	2.5 U	5.4 UJ	3.9 U	2.1 U
Silver	1	3.7	2.3 U	**10.8 J**	**6.3 J**	2.2 U	**3.2 J**	2.3 U	2.5 U	**4.1 J**	**4.3**	2.1 U
Sodium	NE	NE	**926 J**	**15100 J**	**8630 J**	**1050 J**	**13000 J**	**1350**	**477 J**	**14600 J**	**4700**	**1210**
Thallium	NE	NE	2.3 U	5.3 UJ	4.1 UJ	2.2 U	5 UJ	2.3 U	2.5 U	5.4 UJ	3.9 U	2.1 U
Vanadium	NE	NE	**8.6 J**	**58.1 J**	**52.2 J**	**12.1**	**36.1 J**	**34.9**	**16.1**	**37.7 J**	**130**	**10.4 J**
Zinc	150	410	**26.3 J**	**465 J**	**925 J**	**9.5**	**192 J**	**56.5 J**	**4.1 J**	**234 J**	**1040 J**	**12.4 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	0.24 U	0.56 UJ	**0.21 J**	0.24 U	0.53 UJ	0.23 U	0.26 U	0.57 UJ	**0.24 J**	0.23 U
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	**61400**	NA	NA	**40900**	NA	NA	**44000**	NA	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: / Sample Depth (ft bss): / Sample Date:	SSGV Class B	SSGV Class C	Duplicate of WW-SED-13 (54.5-55) 11/16/2010	WW-SED-14 (0-0.5) 11/11/2010	Duplicate of WW-SED-14 (0-0.5) 11/11/2010	WW-SED-14 (16-17) 11/11/2010	WW-SED-14 (52.5-53) 11/11/2010	WW-SED-15 (0-0.5) 11/9/2010	WW-SED-15 (15.5-16) 11/9/2010	WW-SED-15 (41.5-42) 11/9/2010	WW-SED-16 (0-0.5) 11/9/2010	WW-SED-16 (27-28) 11/9/2010
BTEX (mg/kg)												
Benzene	0.46	1.4	**0.0021 J**	0.0025 UJ	**0.0075 J**	**5.4**	0.00099 U	0.0026 UJ	0.13 U	0.0011 U	0.0026 UJ	**0.14 J**
Toluene	0.8	3.3	**0.00052 J**	0.0025 UJ	**0.059 J**	**11**	**0.0004 J**	0.0026 UJ	**0.057 J**	0.0011 U	0.0026 UJ	**0.53 J**
Ethylbenzene	0.11	0.75	0.0058 U	**0.0036 J**	**0.041 J**	**64**	**0.0003 J**	**0.0018 J**	**1.1**	0.0011 U	0.0026 UJ	**10 J**
Total Xylene	0.091	0.64	0.0058 U	**0.0041 J**	**0.042 J**	**120**	0.003 U	0.0077 UJ	**0.99**	0.0033 U	0.0079 UJ	**9.7 J**
Total BTEX	NE	NE	**0.00262**	**0.0077**	**0.1495**	**200.4**	**0.0007**	**0.0018**	**2.147**	ND	ND	**20.37**
Total VOCs (mg/kg)												
Acetone	NE	NE	0.023 U	0.025 U	**0.095 J**	R	**0.0054 J**	**0.15 J**	R	**0.012 J**	**0.14 J**	R
2-Butanone (Methyl ethyl ketone)	NE	NE	0.012 U	**0.0099 J**	**0.017 J**	R	R	**0.027 J**	R	R	**0.023 J**	R
Carbon disulfide	NE	NE	0.0058 U	**0.0074 J**	**0.015 J**	5.2 U	0.00099 U	**0.025 J**	0.13 UJ	0.0011 U	**0.031 J**	0.2 UJ
Chlorobenzene	0.66	4.6	0.0058 U	0.0025 UJ	0.0024 UJ	5.2 U	0.00099 U	0.0026 UJ	**0.12 J**	0.0011 U	0.0026 UJ	0.2 UJ
cis-1,2-Dichloroethene	NE	NE	0.0058 U	0.0025 UJ	0.0024 UJ	5.2 U	0.00099 U	0.0026 UJ	**0.24**	0.0011 U	0.0026 UJ	0.2 UJ
Styrene	NE	NE	0.0058 U	0.0025 UJ	0.0024 UJ	**30**	0.00099 U	0.0026 UJ	0.13 U	0.0011 U	0.0026 UJ	0.2 UJ
Tetrachloroethene	2.6	8.8	0.0058 U	0.0025 UJ	0.0024 UJ	5.2 U	0.00099 U	0.0026 UJ	0.13 U	0.0011 U	0.0026 UJ	0.2 UJ
Vinyl chloride	NE	NE	0.0058 U	0.0025 UJ	R	5.2 U	R	**0.002 J**	0.13 U	0.0011 U	0.0026 UJ	0.2 UJ
Total VOCs	NE	NE	**0.00262**	**0.025**	**0.2765**	**230.4**	**0.0061**	**0.2058**	**2.507**	**0.012**	**0.194**	**20.37**
PAHs (mg/kg)												
Acenaphthene	NE	NE	0.38 U	**0.17 J**	0.82 UJ	**12**	0.38 U	**0.24 J**	**0.84**	0.39 U	0.98 UJ	**51 J**
Acenaphthylene	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**17**	0.38 U	0.91 UJ	**0.072 J**	0.39 U	0.98 UJ	**1.8 J**
Anthracene	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**25**	0.38 U	**0.39 J**	**1.9**	0.39 U	0.98 UJ	**27 J**
Benz[a]anthracene	NE	NE	0.038 U	**0.24 J**	**0.13 J**	**14**	0.038 U	**0.4 J**	**3.2**	0.039 U	**0.15 J**	**15 J**
Benzo[a]pyrene	NE	NE	0.038 U	**0.23 J**	**0.15 J**	**12 J**	0.038 U	**0.46 J**	**2.9 J**	0.039 U	**0.17 J**	**11 J**
Benzo[b]fluoranthene	NE	NE	0.038 U	**0.25 J**	**0.15 J**	**12**	0.038 U	**0.5 J**	**3.4**	0.039 U	**0.23 J**	**6.2 J**
Benzo[g,h,i]perylene	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**6.7 J**	0.38 U	**0.31 J**	**1.9 J**	0.39 UJ	0.98 UJ	**5 J**
Benzo[k]fluoranthene	NE	NE	0.038 U	**0.14 J**	0.082 UJ	**5.4**	0.038 U	**0.24 J**	**1.3**	0.039 U	**0.076 J**	**3 J**
Chrysene	NE	NE	0.38 U	**0.23 J**	**0.16 J**	**13**	0.38 U	**0.56 J**	**4.2**	0.39 U	**0.21 J**	**18 J**
Dibenz[a,h]anthracene	NE	NE	0.038 U	0.088 UJ	0.082 UJ	**1.5**	0.038 U	0.091 UJ	**0.59**	0.039 U	0.098 UJ	**1.3 J**
Fluoranthene	NE	NE	0.38 U	**0.15 J**	0.82 UJ	**20**	0.38 U	**0.57 J**	**7.6**	0.39 U	0.98 UJ	**15 J**
Fluorene	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**20**	0.38 U	0.91 UJ	**0.72**	0.39 U	0.98 UJ	**18 J**
Indeno[1,2,3-cd]pyrene	NE	NE	0.038 UJ	0.088 UJ	0.082 UJ	**6.4**	0.038 U	**0.27 J**	**2.1**	0.039 U	0.098 UJ	**4.3 J**
2-Methylnaphthalene	NE	NE	0.38 U	**0.46 J**	0.82 UJ	**36**	0.38 U	**0.14 J**	**1.3**	0.39 U	0.98 UJ	**45 J**
Naphthalene	NE	NE	0.38 U	**0.8 J**	0.82 UJ	**89**	0.38 U	**0.17 J**	**1.9**	0.39 U	0.98 UJ	**55 J**
Phenanthrene	NE	NE	0.38 U	**0.24 J**	0.82 UJ	**63**	0.38 U	**1**	**11**	0.39 U	0.98 UJ	**75 J**
Pyrene	NE	NE	0.38 U	**0.45 J**	**0.32 J**	**31**	0.38 U	**0.77 J**	**4.9**	0.39 U	**0.33 J**	**25 J**
Total PAHs	4	45	ND	**3.36**	**0.91**	**384**	ND	**6.02**	**49.822**	ND	**1.166**	**376.6**
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	0.38 U	**0.8 J**	**0.56 J**	4.7 U	0.38 U	**1.6 J**	**3.8**	0.39 U	**0.63 J**	3.5 UJ
Butyl benzyl phthalate	NE	NE	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
Carbazole	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**4.7**	0.38 U	0.91 UJ	**1.2**	0.39 U	0.98 UJ	3.5 UJ
4-Chloroaniline	NE	NE	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
Dibenzofuran	NE	NE	0.38 U	0.88 UJ	0.82 UJ	**11**	0.38 U	0.91 UJ	**0.88**	0.39 U	0.98 UJ	**2.1 J**
1,2-Dichlorobenzene	0.85	6.1	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
1,3-Dichlorobenzene	2.1	7.1	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
1,4-Dichlorobenzene	1.2	5.1	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	**0.61**	0.39 U	0.98 UJ	3.5 UJ
Di-n-butyl phthalate	NE	NE	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
4-Methylphenol (p-Cresol)	NE	NE	0.38 U	0.88 UJ	0.82 UJ	4.7 U	0.38 U	0.91 UJ	0.49 U	0.39 U	0.98 UJ	3.5 UJ
3-Nitroaniline	NE	NE	0.77 U	1.8 UJ	1.7 UJ	9.6 U	0.78 U	1.9 UJ	1 U	0.79 U	2 UJ	7.2 UJ
1,2,4-Trichlorobenzene	2	7.4	0.038 U	0.088 UJ	0.082 UJ	0.47 U	0.038 U	0.091 UJ	0.049 U	0.039 U	0.098 UJ	0.35 UJ
Total SVOCs	NE	NE	ND	**4.16**	**1.47**	**399.7**	ND	**7.62**	**56.312**	ND	**1.796**	**378.7**
PCBs (mg/kg)												
Aroclor 1242	NE	NE	NA	0.18 UJ	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.2 UJ	NA
Aroclor 1248	NE	NE	NA	0.18 UJ	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.2 UJ	NA
Aroclor 1254	NE	NE	NA	0.18 UJ	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.2 UJ	NA
Aroclor 1260	NE	NE	NA	**0.053 J**	0.17 UJ	NA	NA	**2.4 J**	NA	NA	0.2 UJ	NA
Total PCBs	0.1	1	ND	**0.053**	ND	ND	ND	**2.4**	ND	ND	ND	ND
Pesticides (mg/kg)												
Aldrin	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
alpha-BHC	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
beta-BHC	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
gamma-BHC	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
delta-BHC	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
alpha-chlordane	0.063	1.4	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
gamma-chlordane	0.063	1.4	NA	0.018 UJ	0.017 UJ	NA	NA	**0.09 JN**	NA	NA	0.02 UJ	NA
4,4-DDD	0.044	5.7	NA	0.018 UJ	0.017 UJ	NA	NA	**0.32 J**	NA	NA	0.02 UJ	NA
4,4'-DDE	0.044	5.7	NA	0.018 UJ	0.017 UJ	NA	NA	**0.025 JN**	NA	NA	0.02 UJ	NA
4,4'-DDT	0.044	5.7	NA	0.018 UJ	0.017 UJ	NA	NA	**0.16 J**	NA	NA	0.02 UJ	NA
Dieldrin	0.006	2.3	NA	0.018 UJ	0.017 UJ	NA	NA	**0.052 JN**	NA	NA	0.02 UJ	NA
Endosulfan I	0.0001	0.003	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Endosulfan II	0.0001	0.003	NA	0.018 UJ	0.017 UJ	NA	NA	**0.033 JN**	NA	NA	0.02 UJ	NA
Endosulfan sulfate	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Endrin	0.006	0.096	NA	0.018 UJ	0.017 UJ	NA	NA	**0.034 J**	NA	NA	0.02 UJ	NA
Endrin aldehyde	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	**0.052 J**	NA	NA	0.02 UJ	NA
Endrin ketone	NE	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Heptachlor	0.071	1.1	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Heptachlor epoxide	0.015	0.22	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Methoxychlor	0.059	NE	NA	0.018 UJ	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.02 UJ	NA
Herbicides (mg/kg)												
Total Herbicides	NE	NE	NA	ND	ND	NA	NA	ND	NA	NA	ND	NA
Metals (mg/kg)												
Aluminum	NE	NE	**2280**	**16100 J**	**15000 J**	**7040 J**	**567 J**	**12900 J**	**6320 J**	**5260 J**	**14900 J**	**13100 J**
Antimony	NE	NE	2.2 UJ	5.1 UJ	4.9 UJ	2.8 UJ	2.3 UJ	5.1 UJ	**1.4 J**	2.2 UJ	6 UJ	**1.8 J**
Arsenic	8.2	70	**1.3**	**14.4 J**	**12.1 J**	**12.7**	1.1 U	**27.1 J**	**15.8**	**16.5**	**10.8 J**	**78.7 J**
Barium	NE	NE	**14.2 J**	**105 J**	**80.9 J**	**27.1 J**	**15.7 J**	**263 J**	**125**	**130**	**74.6 J**	**284 J**
Beryllium	NE	NE	0.44 U	**0.83 J**	**0.79 J**	**0.43 J**	**0.41 J**	**0.76 J**	**0.46 J**	**0.29 J**	**0.79 J**	**0.79 J**
Cadmium	1.2	9.6	1.1 U	2.5 UJ	2.4 UJ	1.4 U	1.1 U	**0.6 J**	**0.46 J**	**0.27 J**	**0.72 J**	**1.6 J**
Calcium	NE	NE	**1410**	**6860 J**	**9000 J**	**2390 J**	1150 U	**34900 J**	**9610 J**	**21100 J**	**6900 J**	**4640 J**
Chromium	81	370	**6.4 J**	**86.1 J**	**80 J**	**20**	**5.3**	**42 J**	**17.8**	**19.8**	**68.5 J**	**110 J**
Cobalt	NE	NE	**3.4 J**	**13.4 J**	**12.5 J**	**7.4 J**	11.5 U	**13.8 J**	**7 J**	**6.5 J**	**12.5 J**	**11.9 J**
Copper	34	270	**7**	**138 J**	**123 J**	**19.2**	**4.4 J**	**97.7 J**	**88.3**	**48.8**	**115 J**	**604 J**
Iron	NE	NE	**12700**	**35700 J**	**32700 J**	**35600**	**323**	**37500 J**	**19800**	**28500**	**35400 J**	**33800 J**
Lead	47	220	**2.2 J**	**209 J**	**157 J**	**38.4**	**4.9**	**317 J**	**264**	**133**	**137 J**	**973 J**
Magnesium	NE	NE	**1590**	**9480 J**	**8750 J**	**4570**	1150 U	**9160 J**	**2730**	**5300**	**9320 J**	**6940 J**
Manganese	NE	NE	**181 J**	**605 J**	**610 J**	**572**	**3.3 J**	**511 J**	**257**	**373**	**517 J**	**412 J**
Mercury	0.15	0.71	0.032 U	**1.5 J**	**1.3 J**	**0.36**	**0.06**	**4.5 J**	**0.064**	**0.058**	**2.7 J**	**0.5 J**
Nickel	21	52	**5.9 J**	**37.9 J**	**34.5 J**	**15.4**	9.2 U	**42.2 J**	**29.3**	**31.8**	**34 J**	**40 J**
Potassium	NE	NE	**528 J**	**3730 J**	**3500 J**	**2040**	1150 U	**3450 J**	**1050 J**	**1240**	**3310 J**	**2520 J**
Selenium	NE	NE	2.2 U	5.1 UJ	4.9 UJ	**1.6 J**	2.3 U	5.1 UJ	3 U	**1.5 J**	6 UJ	**2.8 J**
Silver	1	3.7	2.2 U	**3.7 J**	**4.1 J**	2.8 UJ	2.3 UJ	5.1 UJ	3 UJ	2.2 UJ	**2.5 J**	**1.6 J**
Sodium	NE	NE	**1260**	**13900 J**	**12600 J**	**3520**	**904 J**	**936 J**	**334 J**	**377 J**	**13300 J**	**7640 J**
Thallium	NE	NE	2.2 U	5.1 UJ	4.9 UJ	2.8 U	2.3 U	5.1 UJ	3 U	2.2 U	6 UJ	4.1 UJ
Vanadium	NE	NE	**11.7**	**44.4 J**	**37.6 J**	**30.7**	**10.3 J**	**48 J**	**23.6**	**23.4**	**36.7 J**	**32.7 J**
Zinc	150	410	**13.1 J**	**286 J**	**253 J**	**54.2**	**1.4 J**	**372 J**	**304**	**157**	**243 J**	**449 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	0.23 U	0.53 UJ	0.49 UJ	0.29 U	0.23 U	0.55 UJ	0.3 U	0.24 U	0.6 UJ	0.43 UJ
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	**38000**	**39800**	NA	NA	**41300**	NA	NA	**34800**	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: / Sample Depth (ft bss): / Sample Date:	SSGV Class B	SSGV Class C	WW-SED-16 (64-64.5) 11/9/2010	WW-SED-17 (0-0.5) 11/10/2010	WW-SED-17 (33.5-34.5) 11/10/2010	WW-SED-17 (53-54) 11/10/2010	WW-SED-18 (0-0.5) 11/17/2010	WW-SED-18 (18.5-19) 11/17/2010	WW-SED-18 (83.5-84) 11/17/2010	WW-SED-19 (0-0.5) 11/18/2010	WW-SED-19 (41.2-41.5) 11/18/2010	WW-SED-19 (74.5-75) 11/18/2010
BTEX (mg/kg)												
Benzene	0.46	1.4	0.001 U	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	**0.015 J**	0.0061 U	0.014 UJ	**23**	0.0058 U
Toluene	0.8	3.3	0.001 U	0.0023 UJ	**0.00041 J**	**0.00055 J**	0.014 UJ	**0.0053 J**	0.0061 U	0.014 UJ	**9.5**	0.0058 U
Ethylbenzene	0.11	0.75	0.001 UJ	0.0023 UJ	**0.0056**	**0.00033 J**	0.014 UJ	**0.16 J**	0.0061 U	0.014 UJ	**96**	0.0058 U
Total Xylene	0.091	0.64	0.003 UJ	0.0069 UJ	**0.01**	0.0033 U	0.014 UJ	**0.2 J**	0.0061 U	0.014 UJ	**150**	0.0058 U
Total BTEX	NE	NE	ND	ND	**0.01601**	**0.00088**	ND	**0.3803**	ND	ND	**278.5**	ND
Total VOCs (mg/kg)												
Acetone	NE	NE	**0.025 J**	**0.078 J**	**0.012 J**	**0.0084 J**	**0.053 J**	**0.059 J**	0.024 U	**0.055 J**	14 U	0.023 U
2-Butanone (Methyl ethyl ketone)	NE	NE	**0.0019 J**	**0.015 J**	R	R	0.029 UJ	0.024 UJ	0.012 UJ	0.028 UJ	5.8 U	0.012 UJ
Carbon disulfide	NE	NE	0.001 U	**0.023 J**	**0.00067 J**	**0.00063 J**	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	5.8 U	0.0058 U
Chlorobenzene	0.66	4.6	0.001 UJ	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	5.8 U	0.0058 U
cis-1,2-Dichloroethene	NE	NE	0.001 U	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	5.8 U	0.0058 U
Styrene	NE	NE	0.001 UJ	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	**40**	0.0058 U
Tetrachloroethene	2.6	8.8	0.001 U	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	5.8 U	0.0058 U
Vinyl chloride	NE	NE	0.001 U	0.0023 UJ	0.00099 U	0.0011 U	0.014 UJ	0.012 UJ	0.0061 U	0.014 UJ	5.8 U	0.0058 U
Total VOCs	NE	NE	**0.0269**	**0.116**	**0.02868**	**0.00991**	**0.053**	**0.4393**	ND	**0.055**	**318.5**	ND
PAHs (mg/kg)												
Acenaphthene	NE	NE	0.38 U	0.85 UJ	**0.21 J**	0.4 U	0.95 UJ	**0.2 J**	0.4 U	0.93 UJ	**27**	0.38 U
Acenaphthylene	NE	NE	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	**44**	0.38 U
Anthracene	NE	NE	0.38 U	0.85 UJ	**0.29 J**	0.4 U	0.95 UJ	**0.3 J**	0.4 U	0.93 UJ	**30**	0.38 U
Benz[a]anthracene	NE	NE	0.038 U	**0.21 J**	**0.22**	0.04 U	**0.1 J**	**0.4 J**	0.04 U	**0.27 J**	**13**	0.038 U
Benzo[a]pyrene	NE	NE	0.038 U	**0.25 J**	**0.22 J**	0.04 U	**0.11 J**	**0.41 J**	0.04 U	**0.26 J**	**8.7**	0.038 U
Benzo[b]fluoranthene	NE	NE	0.038 U	**0.31 J**	**0.24**	0.04 U	**0.15 J**	**0.35 J**	0.04 U	**0.27 J**	**6.3**	0.038 U
Benzo[g,h,i]perylene	NE	NE	0.38 U	0.85 UJ	**0.12 J**	0.4 UJ	0.95 UJ	**0.25 J**	0.4 U	**0.22 J**	**3.1 J**	0.38 U
Benzo[k]fluoranthene	NE	NE	0.038 U	**0.14 J**	**0.1**	0.04 U	0.095 UJ	**0.22 J**	0.04 U	**0.14 J**	**3.7**	0.038 U
Chrysene	NE	NE	0.38 U	**0.28 J**	**0.26 J**	0.4 U	0.95 UJ	**0.48 J**	0.4 U	**0.29 J**	**10**	0.38 U
Dibenz[a,h]anthracene	NE	NE	0.038 U	0.085 UJ	0.038 U	0.04 U	0.095 UJ	0.078 UJ	0.04 U	0.093 UJ	**1.3**	0.038 U
Fluoranthene	NE	NE	0.38 U	**0.23 J**	**0.31 J**	0.4 U	0.95 UJ	**0.33 J**	0.4 U	**0.16 J**	**22**	0.38 U
Fluorene	NE	NE	0.38 U	0.85 UJ	**0.17 J**	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	**31**	0.38 U
Indeno[1,2,3-cd]pyrene	NE	NE	0.038 U	0.085 UJ	**0.1**	0.04 U	0.095 UJ	**0.25 J**	0.04 UJ	**0.19 J**	**3.1**	0.038 UJ
2-Methylnaphthalene	NE	NE	0.38 U	0.85 UJ	**0.27 J**	0.4 U	0.95 UJ	**0.27 J**	0.4 U	0.93 UJ	**100**	0.38 U
Naphthalene	NE	NE	0.38 U	0.85 UJ	**0.49**	0.4 U	0.95 UJ	**0.55 J**	0.4 U	0.93 UJ	**150**	0.38 U
Phenanthrene	NE	NE	0.38 U	**0.32 J**	**0.83**	0.4 U	0.95 UJ	**0.77 J**	0.4 U	**0.16 J**	**89**	0.38 U
Pyrene	NE	NE	0.38 U	**0.57 J**	**0.55**	0.4 U	**0.23 J**	**0.56 J**	0.4 U	**0.41 J**	**33**	0.38 U
Total PAHs	4	45	ND	**2.31**	**4.38**	ND	**0.59**	**5.34**	ND	**2.37**	**575.2**	ND
Other SVOCs (mg/kg)												
Bis(2-ethylhexyl)phthalate	NE	NE	0.38 U	**1.3 J**	0.38 U	0.4 U	**0.57 J**	**2 J**	0.4 U	**0.86 J**	9.5 U	0.38 U
Butyl benzyl phthalate	NE	NE	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
Carbazole	NE	NE	0.38 U	0.85 UJ	**0.069 J**	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
4-Chloroaniline	NE	NE	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	**0.11 J**	0.4 U	0.93 UJ	9.5 U	0.38 U
Dibenzofuran	NE	NE	0.38 U	0.85 UJ	**0.11 J**	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	**4.2 J**	0.38 U
1,2-Dichlorobenzene	0.85	6.1	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
1,3-Dichlorobenzene	2.1	7.1	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
1,4-Dichlorobenzene	1.2	5.1	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
Di-n-butyl phthalate	NE	NE	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
4-Methylphenol (p-Cresol)	NE	NE	0.38 U	0.85 UJ	0.38 U	0.4 U	0.95 UJ	0.78 UJ	0.4 U	0.93 UJ	9.5 U	0.38 U
3-Nitroaniline	NE	NE	0.77 U	1.7 UJ	0.77 U	0.81 U	1.9 UJ	1.6 UJ	0.82 U	1.9 UJ	19 U	0.77 U
1,2,4-Trichlorobenzene	2	7.4	0.038 U	0.085 UJ	0.038 U	0.04 U	0.095 UJ	0.078 UJ	0.04 U	0.093 UJ	0.95 U	0.038 U
Total SVOCs	NE	NE	ND	**3.61**	**4.559**	ND	**1.16**	**7.45**	ND	**3.23**	**579.4**	ND
PCBs (mg/kg)												
Aroclor 1242	NE	NE	NA	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1248	NE	NE	NA	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1254	NE	NE	NA	0.17 UJ	NA	NA	0.19 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1260	NE	NE	NA	**0.048 J**	NA	NA	0.19 UJ	NA	NA	0.19 UJ	NA	NA
Total PCBs	0.1	1	ND	**0.048**	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides (mg/kg)												
Aldrin	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
alpha-BHC	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
beta-BHC	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
gamma-BHC	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
delta-BHC	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
alpha-chlordane	0.063	1.4	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
gamma-chlordane	0.063	1.4	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
4,4-DDD	0.044	5.7	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDE	0.044	5.7	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDT	0.044	5.7	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Dieldrin	0.006	2.3	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan I	0.0001	0.003	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan II	0.0001	0.003	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan sulfate	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endrin	0.006	0.096	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endrin aldehyde	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Endrin ketone	NE	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor	0.071	1.1	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor epoxide	0.015	0.22	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Methoxychlor	0.059	NE	NA	0.017 UJ	NA	NA	0.019 UJ	NA	NA	0.019 UJ	NA	NA
Herbicides (mg/kg)												
Total Herbicides	NE	NE	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA
Metals (mg/kg)												
Aluminum	NE	NE	**3310**	**14500 J**	**4120 J**	**9290 J**	**15300 J**	**16100 J**	**5660**	**14400 J**	**2050**	**9170**
Antimony	NE	NE	2.2 UJ	**2.5 J**	2.1 UJ	2.3 UJ	5.7 UJ	4.4 UJ	2.4 UJ	5.3 UJ	2.2 UJ	2.3 UJ
Arsenic	8.2	70	**2.1 J**	**13.5 J**	**4.7 J**	1.2 U	**14.1 J**	**21 J**	1.2 U	**13.8 J**	**2.5**	1.1 U
Barium	NE	NE	**40.4 J**	**82.3 J**	**38 J**	**57.7**	**90.3 J**	**143 J**	**18.7 J**	**76.1 J**	**14.1 J**	**76.1**
Beryllium	NE	NE	**0.35 J**	**0.81 J**	**0.75**	**0.4 J**	**0.81 J**	**0.91 J**	**0.92**	**0.79 J**	0.44 U	**0.4 J**
Cadmium	1.2	9.6	1.1 U	2.5 UJ	1.1 UJ	1.2 U	**0.8 J**	**6.3 J**	1.2 U	**0.53 J**	1.1 U	1.1 U
Calcium	NE	NE	**1170 J**	**7610 J**	**7280 J**	**3650 J**	**8970 J**	**7300 J**	**7300**	**8360 J**	**919 J**	1140 U
Chromium	81	370	**12.2**	**88.7 J**	**26.7**	**22.6**	**88.6 J**	**246 J**	**17.2 J**	**72.6 J**	**5.7 J**	**27.9 J**
Cobalt	NE	NE	**9 J**	**12.4 J**	**7.2 J**	**17.8**	**12.9 J**	**13.6 J**	11.9 U	**12 J**	**3.2 J**	**8.1 J**
Copper	34	270	**11.4**	**128 J**	**19.9**	**41.7**	**124 J**	**316 J**	**12.7 J**	**106 J**	**5.7**	**5.3 J**
Iron	NE	NE	**51600**	**31800 J**	**56100**	**30800**	**35900 J**	**36500 J**	**61500**	**33400 J**	**8360**	**15300**
Lead	47	220	**6.9**	**166 J**	**33.4**	**6.5**	**165 J**	**392 J**	**3.8 J**	**136 J**	**2.8 J**	**5.6 J**
Magnesium	NE	NE	**1180**	**8360 J**	**4970**	**5850**	**9060 J**	**8740 J**	**1990**	**8680 J**	**1310**	**5550**
Manganese	NE	NE	**1660**	**524 J**	**775**	**292**	**644 J**	**688 J**	**367 J**	**547 J**	**125 J**	**264 J**
Mercury	0.15	0.71	0.038 U	**0.84 J**	**0.07**	0.04 U	**1.3 J**	**4.3 J**	0.04 U	**1 J**	0.036 U	0.038 U
Nickel	21	52	**6.8 J**	**33.4 J**	**16.4**	**18.1**	**38.1 J**	**51.8 J**	**2.4 J**	**33.8 J**	**5.3 J**	**16.7**
Potassium	NE	NE	**591 J**	**3450 J**	**1160 J**	**2240**	**3860 J**	**3580 J**	1190 U	**3670 J**	**515 J**	**6300**
Selenium	NE	NE	**2.7 J**	5 UJ	**1.6 J**	**1.5 J**	5.7 UJ	4.4 UJ	2.4 U	5.3 UJ	2.2 U	2.3 U
Silver	1	3.7	2.2 UJ	**5.2 J**	2.1 UJ	2.3 UJ	**7.1 J**	**11.2 J**	2.4 U	**4.4 J**	2.2 U	2.3 U
Sodium	NE	NE	**841 J**	**12800 J**	**1970**	**966 J**	**13700 J**	**9610 J**	**586 J**	**13800 J**	**947 J**	**760 J**
Thallium	NE	NE	2.2 U	5 UJ	2.1 UJ	2.3 U	5.7 UJ	4.4 UJ	2.4 U	5.3 UJ	2.2 U	2.3 U
Vanadium	NE	NE	**21.7**	**42.7 J**	**30.6**	**48.4**	**41.8 J**	**55.6 J**	**70.5**	**38.9 J**	**9.7 J**	**25.9**
Zinc	150	410	**33.6**	**230 J**	**58.2**	**76.8**	**252 J**	**393 J**	**38.7 J**	**231 J**	**12 J**	**83 J**
Cyanides (mg/kg)												
Free Cyanide	NE	NE	0.23 U	0.51 UJ	0.23 U	0.24 U	0.58 UJ	**0.52 J**	0.24 U	0.57 UJ	0.23 U	0.23 U
Other (mg/kg)												
Total Organic Carbon	NE	NE	NA	**40200**	NA	NA	**38100**	NA	NA	**41000**	NA	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Sample Name: Sample Depth (ft bss): Sample Date:	**SSGV Class B**	**SSGV Class C**	WW-SED-20 (0-0.5) 11/17/2010	WW-SED-20 (42-42.5) 11/17/2010	WW-SED-20 (58.5-59) 11/17/2010	WW-SED-21 (0-0.5) 11/19/2010	WW-SED-21 (37.5-38) 11/19/2010	WW-SED-21 (46.5-47) 11/19/2010
BTEX (mg/kg)								
Benzene	0.46	1.4	0.013 UJ	**0.49 J**	**0.0014 J**	0.014 UJ	0.3 U	**0.0016 J**
Toluene	0.8	3.3	0.013 UJ	**1.5**	0.0059 U	0.014 UJ	0.3 U	0.0056 U
Ethylbenzene	0.11	0.75	0.013 UJ	**5.1**	0.0059 U	0.014 UJ	**0.13 J**	0.0056 U
Total Xylene	0.091	0.64	0.013 UJ	**20**	0.0059 U	0.014 UJ	**0.81**	**0.00073 J**
Total BTEX	NE	NE	ND	**27.09**	**0.0014**	ND	**0.94**	**0.00233**
Total VOCs (mg/kg)								
Acetone	NE	NE	**0.047 J**	3.8 U	0.024 U	**0.059 J**	0.74 U	0.022 U
2-Butanone (Methyl ethyl ketone)	NE	NE	0.026 UJ	1.5 U	0.012 UJ	0.029 UJ	0.3 U	0.011 UJ
Carbon disulfide	NE	NE	0.013 UJ	1.5 U	0.0059 U	0.014 UJ	0.3 U	0.0056 U
Chlorobenzene	0.66	4.6	0.013 UJ	1.5 U	0.0059 U	0.014 UJ	0.3 U	0.0056 U
cis-1,2-Dichloroethene	NE	NE	0.013 UJ	1.5 U	0.0059 U	0.014 UJ	0.3 U	0.0056 U
Styrene	NE	NE	0.013 UJ	**9.7**	0.0059 U	0.014 UJ	**0.4**	**0.0015 J**
Tetrachloroethene	2.6	8.8	0.013 UJ	1.5 U	0.0059 U	0.014 UJ	0.3 U	0.0056 U
Vinyl chloride	NE	NE	0.013 UJ	1.5 U	0.0059 U	0.014 UJ	0.3 U	0.0056 U
Total VOCs	NE	NE	**0.047**	**36.79**	**0.0014**	**0.059**	**1.34**	**0.00383**
PAHs (mg/kg)								
Acenaphthene	NE	NE	0.86 UJ	**3.4 J**	0.39 U	0.95 UJ	**0.22 J**	0.37 U
Acenaphthylene	NE	NE	0.86 UJ	**27**	0.39 U	0.95 UJ	**1.9**	0.37 U
Anthracene	NE	NE	0.86 UJ	**18**	0.39 U	0.95 UJ	**1.3**	0.37 U
Benz[a]anthracene	NE	NE	**0.24 J**	**9.5**	0.039 U	**0.24 J**	**0.77**	0.037 U
Benzo[a]pyrene	NE	NE	**0.21 J**	**6.4**	0.039 U	**0.27 J**	**0.59**	0.037 U
Benzo[b]fluoranthene	NE	NE	**0.26 J**	**4.6**	0.039 U	**0.25 J**	**0.43**	0.037 U
Benzo[g,h,i]perylene	NE	NE	**0.14 J**	**2.7 J**	0.39 U	**0.17 J**	**0.2 J**	0.37 U
Benzo[k]fluoranthene	NE	NE	**0.093 J**	**2.4**	0.039 U	**0.12 J**	**0.22**	0.037 U
Chrysene	NE	NE	**0.28 J**	**7.9**	0.39 U	**0.32 J**	**0.8**	0.37 U
Dibenz[a,h]anthracene	NE	NE	0.086 UJ	**0.76**	0.039 U	0.095 UJ	**0.036 J**	0.037 U
Fluoranthene	NE	NE	**0.25 J**	**14**	0.39 U	**0.16 J**	**1.4**	0.37 U
Fluorene	NE	NE	0.86 UJ	**16**	0.39 U	0.95 UJ	**1.5**	0.37 U
Indeno[1,2,3-cd]pyrene	NE	NE	**0.14 J**	**2**	0.039 UJ	**0.17 J**	**0.18**	0.037 U
2-Methylnaphthalene	NE	NE	0.86 UJ	**46**	0.39 U	0.95 UJ	**2.8**	0.37 U
Naphthalene	NE	NE	0.86 UJ	**62**	0.39 U	0.95 UJ	**2.2**	0.37 U
Phenanthrene	NE	NE	**0.4 J**	**54**	0.39 U	**0.22 J**	**4.6**	0.37 U
Pyrene	NE	NE	**0.54 J**	**22**	0.39 U	**0.42 J**	**2.1**	0.37 U
Total PAHs	4	45	**2.553**	**298.66**	ND	**2.34**	**21.246**	ND
Other SVOCs (mg/kg)								
Bis(2-ethylhexyl)phthalate	NE	NE	**0.66 J**	4 U	0.39 U	**1.1 J**	0.39 U	0.37 U
Butyl benzyl phthalate	NE	NE	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
Carbazole	NE	NE	0.86 UJ	**0.71 J**	0.39 U	0.95 UJ	**0.062 J**	0.37 U
4-Chloroaniline	NE	NE	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
Dibenzofuran	NE	NE	0.86 UJ	**3.3 J**	0.39 U	0.95 UJ	**0.24 J**	0.37 U
1,2-Dichlorobenzene	0.85	6.1	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
1,3-Dichlorobenzene	2.1	7.1	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
1,4-Dichlorobenzene	1.2	5.1	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
Di-n-butyl phthalate	NE	NE	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 U
4-Methylphenol (p-Cresol)	NE	NE	0.86 UJ	4 U	0.39 U	0.95 UJ	0.39 U	0.37 UJ
3-Nitroaniline	NE	NE	1.7 UJ	8.1 U	0.79 U	1.9 UJ	0.8 U	0.75 U
1,2,4-Trichlorobenzene	2	7.4	0.086 UJ	0.4 U	0.039 U	0.095 UJ	0.039 U	0.037 U
Total SVOCs	NE	NE	**3.213**	**302.67**	ND	**3.44**	**21.548**	ND
PCBs (mg/kg)								
Aroclor 1242	NE	NE	0.17 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1248	NE	NE	0.17 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1254	NE	NE	0.17 UJ	NA	NA	0.19 UJ	NA	NA
Aroclor 1260	NE	NE	0.17 UJ	NA	NA	0.19 UJ	NA	NA
Total PCBs	0.1	1	ND	ND	ND	ND	ND	ND
Pesticides (mg/kg)								
Aldrin	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
alpha-BHC	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
beta-BHC	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
gamma-BHC	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
delta-BHC	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
alpha-chlordane	0.063	1.4	0.017 UJ	NA	NA	0.019 UJ	NA	NA
gamma-chlordane	0.063	1.4	0.017 UJ	NA	NA	0.019 UJ	NA	NA
4,4-DDD	0.044	5.7	0.017 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDE	0.044	5.7	0.017 UJ	NA	NA	0.019 UJ	NA	NA
4,4'-DDT	0.044	5.7	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Dieldrin	0.006	2.3	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan I	0.0001	0.003	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan II	0.0001	0.003	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endosulfan sulfate	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endrin	0.006	0.096	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endrin aldehyde	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Endrin ketone	NE	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor	0.071	1.1	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Heptachlor epoxide	0.015	0.22	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Methoxychlor	0.059	NE	0.017 UJ	NA	NA	0.019 UJ	NA	NA
Herbicides (mg/kg)								
Total Herbicides	NE	NE	ND	NA	NA	ND	NA	NA
Metals (mg/kg)								
Aluminum	NE	NE	**13500 J**	**2280**	**974**	**15400 J**	**2970**	**2250**
Antimony	NE	NE	5.1 UJ	2.3 UJ	2.2 UJ	5.4 UJ	2.3 UJ	2.2 UJ
Arsenic	8.2	70	**11.8 J**	**2.9**	1.1 U	**14.9 J**	1.2 U	1.1 U
Barium	NE	NE	**88.6 J**	**17.8 J**	**2.3 J**	**92.5 J**	**28.7 J**	**19.8 J**
Beryllium	NE	NE	**0.72 J**	**0.4 J**	0.45 U	**0.82 J**	**0.31 J**	0.44 U
Cadmium	1.2	9.6	**1.6 J**	1.2 U	1.1 U	**0.97 J**	1.2 U	1.1 U
Calcium	NE	NE	**8210 J**	**1670**	1110 U	**8510 J**	**10700**	**1780**
Chromium	81	370	**107 J**	**11.4 J**	**4 J**	**97.3 J**	**14.1 J**	**7.2 J**
Cobalt	NE	NE	**11.2 J**	**7.6 J**	**3.3 J**	**12.6 J**	**5.8 J**	**3.7 J**
Copper	34	270	**137 J**	**13.3 J**	**16**	**140 J**	**13.2**	**7.3**
Iron	NE	NE	**32100 J**	**55500**	**517**	**34900 J**	**25100**	**10400**
Lead	47	220	**230 J**	**6.1 J**	**10.8 J**	**195 J**	**11.2 J**	**2 J**
Magnesium	NE	NE	**8120 J**	**1610**	1110 U	**9160 J**	**5710**	**1700**
Manganese	NE	NE	**601 J**	**1150 J**	**5.8 J**	**600 J**	**458 J**	**197 J**
Mercury	0.15	0.71	**1.3 J**	0.037 U	0.033 U	**1.3 J**	**0.042**	0.036 U
Nickel	21	52	**35.9 J**	**9.1 J**	**3.7 J**	**36.5 J**	**11**	**5.5 J**
Potassium	NE	NE	**3340 J**	**401 J**	**68 J**	**3960 J**	**893 J**	**421 J**
Selenium	NE	NE	5.1 UJ	2.3 U	2.2 U	5.4 UJ	2.3 U	2.2 U
Silver	1	3.7	**5.4 J**	**0.41 J**	2.2 U	**4.2 J**	2.3 U	2.2 U
Sodium	NE	NE	**12800 J**	**778 J**	**406 J**	**14100 J**	**1460**	**917 J**
Thallium	NE	NE	5.1 UJ	2.3 U	2.2 U	5.4 UJ	2.3 U	2.2 U
Vanadium	NE	NE	**38.4 J**	**31.1**	**2 J**	**41.8 J**	**16.3**	**13.5**
Zinc	150	410	**259 J**	**37.8 J**	**34.6 J**	**261 J**	**31.1 J**	**13 J**
Cyanides (mg/kg)								
Free Cyanide	NE	NE	**1.1 J**	0.24 U	0.24 U	0.57 UJ	0.24 U	0.22 U
Other (mg/kg)								
Total Organic Carbon	NE	NE	**38900**	NA	NA	**40600**	NA	NA

Table 11. Detected Sediment Analytical Results
Remedial Investigation Report
K - Williamsburg Works MGP Site
Brooklyn, New York

Notes:
mg/kg - milligrams/kilogram or parts per million (ppm)
BTEX - benzene, toluene, ethylbenzene, and xylenes
VOCs - volatile organic compounds
PAHs - polycyclic aromatic hydrocarbons
SVOCs - semivolatile organic compounds

Total BTEX, Total VOCs, Total PAHs, Total SVOCs and Total PCBs are calculated using detects only.

NE - not established
NA - not analyzed

Bolding indicates a detected result value

Gray shading and bolding indicates that the detected result value qualifies as a Class B sediment

Yellow shading and bolding indicates that the detected result value qualifies as a Class C sediment

NYSDEC Screening and Assessment of Contaminated Sediment. Effective date June 24, 2014
SSGV = Saltwater Sediment Guidance Values classes B and C as identified in Table 6 of the NYSDEC Screening and Assessment of Contaminated Sediment

Validation Qualifiers:
J - estimated value
JN - analyte is presumptively present at an approximated quantity
R - rejected
U - indicates not detected to the reporting limit
UJ - not detected at or above the reporting limit shown and the reporting limit is estimated

Table 12. Final Groundwater Parameters
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Sample Location/ Well ID	Date	Flow Rate (mL/min)	Depth to Water at Time of Sampling (ft)	Parameters								
				Temperature (ºC)	pH (std units)	Conductivity (uS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Odor	Color	Sheen
WW-MW-01	11/4/2009	170.34	15.34	17.59	6.47	2251	-5.50	0.57	-82.5	none	clear	none
WW-MW-02	11/4/2009	223.34	11.83	20.13	6.72	3588	1.60	0.80	-96.9	slight	clear	slight
WW-MW-03	11/4/2009	185.49	8.41	18.96	6.96	4214	3.20	1.04	-172.6	slight	clear	moderate
WW-MW-04	11/4/2009	158.99	6.01	18.26	7.10	1980	0.80	0.34	-169.8	none	clear	none
WW-MW-05	11/5/2009	261.19	8.25	17.73	7.04	3016	4.20	0.62	-157.8	slight	clear	none
WW-MW-06	11/4/2009	283.91	5.08	16.45	7.48	4158	1.80	0.42	-186.0	slight	clear	slight
WW-MW-07	11/5/2009	253.62	2.53	16.37	7.01	1330	1.30	0.27	-45.1	slight	clear	none
WW-MW-08	11/5/2009	242.27	4.90	16.98	7.22	2525	6.90	0.39	-178.6	slight	clear/yellowish	none
WW-MW-10	11/5/2009	189.27	4.59	16.28	7.01	1850	15.00	0.32	-163.9	moderate	clear	none
WW-MW-11	11/5/2009	189.27	5.96	17.70	6,48	2170	2.80	0.61	-185.8	slight	clear/yellowish	slight
WW-MW-12	11/5/2009	314.19	4.81	16.12	6.46	6381	0.10	1.07	-407.9	strong	clear	none
WW-MW-13	11/6/2009	261.19	6.69	15.83	6.75	6343	-0.80	10.66	-374.1	strong	clear	none
WW-MW-14	11/6/2009	355.83	3.54	16.71	6.81	31633	-8.70	6.11	1.3	none	clear	none
WW-MW-15	11/6/2009	238.48	4.83	15.26	6.36	30985	-1.40	7.89	-264.1	none	clear	none
WW-MW-16	11/4/2009	162.77	3.44	19.59	6.81	1398	6.40	0.37	-150.5	none	clear	none
WW-MW-17	11/5/2009	189.27	4.79	17.88	7.16	2072	0.90	0.43	-118.7	none	clear	none
WW-MW-18	12/20/2012	252.36	2.49	15.30	7.30	2166	5.60	0.29	-222.9	moderate	clear	none
WW-MW-19	12/20/2012	227.13	2.90	11.70	6.11	7605	0.40	0.41	-134.8	moderate	clear	none
WW-MW-20	12/20/2012	210.3	9.45	18.40	6.93	2333	0.00	0.34	-153.8	moderate	clear	none
WW-MW-21	12/20/2012	189.26	4.81	16.36	7.25	724	0.00	0.36	-171.5	none	clear	none
WW-MW-22	12/20/2012	191.67	6.05	14.66	7.27	14384	-5.00	0.33	-202.5	moderate	clear	none
WW-MW-200	10/27/2022	276.92	6.07	20.65	7.38	9370	0.00	0.00	-139.0	slight	clear/gray	none
WW-MW-203	9/12/2022	177.43	9.69	21.34	7.12	2467	NM	0.67	-125.0	slight	clear/yellowish	slight
WW-MW-204	9/12/2022	173.53	2.91	22.65	6.95	1107	3.01	0.54	-72.4	slight	clear/yellowish	none
WW-MW-206	10/27/2022	180	6.82	21.82	7.45	1240	0.00	0.00	-252.0	slight	yellowish	none
WW-MW-207	10/27/2022	180	10.43	19.85	7.34	39900	0.00	0.00	-156.0	slight	light gray	none

Notes:

*NM - Not measured. Turbidity for WW-MW-203 was not measure, turbidity meter malfunction at time of sampling.

mL/min = milliliters per minute

NTU = Nephelometric Turbidity Units

ºC = Degrees Celsius

mg/L = milligrams per liter

mV = millivolts

uS/cm = micro Siemens per centimeter

Table 13. Groundwater Analytical Results
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-01 13 - 23 11/4/2009	WW-MW-02 7.4 - 17.4 11/4/2009	WW-MW-03 4 - 14 11/4/2009	WW-MW-03 4 - 14 3/20/2019	WW-MW-04 10 - 20 11/4/2009	Duplicate of WWMW-04 10 - 20 11/5/2009	WW-MW-05 4 - 14 11/5/2009	WW-MW-06 0.3 - 10.3 11/4/2009	WW-MW-07 1 - 11 11/5/2009	WW-MW-08 0.3 - 10.3 11/5/2009	WW-MW-10 4 - 14 11/5/2009	WW-MW-11 4 - 14 11/5/2009	WW-MW-12 5 - 15 11/5/2009	WW-MW-12 5 - 15 3/20/2019	WW-MW-13 4 - 14 11/6/2009
BTEX (ug/L)																
Benzene	1	5 U	5 U	5 U	NA	**8.7**	**9.2**	**9200**	**270**	**23**	**570**	**29**	**320**	**180**	NA	**540**
Toluene	5	5 U	5 U	5 U	NA	**5.2**	**5.4**	**13000**	**13 J**	**9**	**64 J**	**3.1 J**	**38 J**	**0.99 J**	NA	**7 J**
Ethylbenzene	5	5 U	5 U	5 U	NA	**16**	**17**	**2700**	**940**	**8.4**	**2800**	**330**	**1600**	**3.1 J**	NA	**190**
o-Xylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylene	5	5 U	5 U	5 U	NA	**21**	**23**	**6200**	**690**	**60**	**3100**	**200**	**280**	**3.7 J**	NA	**100**
Total BTEX	ND	ND	ND	ND	NA	**50.9**	**54.6**	**31100**	**1913**	**100.4**	**6534**	**562.1**	**2238**	**187.79**	NA	**837**
Other VOCs (ug/L)																
Acetone	50*	10 U	10 U	10 UJ	NA	10 UJ	10 UJ	1000 U	100 U	10 U	200 U	**16 J**	100 U	10 U	NA	50 U
Bromodichloromethane	50*	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Carbon disulfide	60*	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Chloroform (Trichloromethane)	7	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Chloromethane	5	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Cyclohexane	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
1,1-Dichloroethene	5	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
cis-1,2-Dichloroethene	5	5 U	**14**	5 U	NA	**4.4 J**	**4.9 J**	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	NA	**0.91 J**	**1.1 J**	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Isopropylbenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	50*	10 U	10 U	10 UJ	NA	10 U	10 U	1000 U	100 U	10 U	200 U	20 U	100 U	10 U	NA	50 U
Methyl tert-butyl ether (MTBE)	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Naphthalene	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	5 U	5 U	5 U	NA	**1.9 J**	**2.1 J**	**2600**	50 U	**22**	100 U	10 U	50 U	5 U	NA	25 U
Tetrachloroethene (PCE)	5	5 U	5 U	5 U	NA	5 U	5 U	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Trichloroethene (TCE)	5	5 U	5 U	5 U	NA	**2.6 J**	**3 J**	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Vinyl chloride	2	5 U	5 U	5 U	NA	**1.2 J**	**1.2 J**	500 U	50 U	5 U	100 U	10 U	50 U	5 U	NA	25 U
Total VOCs	ND	ND	**14**	ND	NA	**61.91**	**66.9**	**33700**	**1913**	**122.4**	**6534**	**578.1**	**2238**	**187.79**	NA	**837**
PAHs (ug/L)																
Acenaphthene	20*	4 U	4 U	**0.33 J**	NA	**3 J**	**3 J**	400 U	**60 J**	**1.4 J**	**140 J**	**28 J**	**140 J**	**1 J**	NA	**100**
Acenaphthylene	ND	4 U	4 U	4 U	NA	**11**	**12**	**270 J**	200 U	**8.3**	800 U	40 U	830 U	4.2 U	NA	42 U
Anthracene	50*	4 U	4 U	4 U	NA	**3.7 J**	**3.5 J**	400 U	200 U	**1 J**	800 U	40 U	830 U	4.2 U	NA	**5.4 J**
Benzo(a)anthracene	0.002*	4 U	4 U	4 U	NA	4 U	4.2 U	400 UJ	200 UJ	8 UJ	800 U	40 U	830 U	4.2 U	NA	42 U
Benzo(k)fluoranthene	0.002*	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
Benzo(g,h,i)perylene	ND	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 UJ	830 U	4.2 U	NA	42 U
Benzo(a)pyrene	ND	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
Chrysene	0.002*	4 U	4 U	4 U	NA	4 U	4.2 U	400 UJ	200 UJ	8 UJ	800 U	40 U	830 U	4.2 U	NA	42 U
Fluoranthene	50*	4 U	4 U	4 U	NA	**1.1 J**	**1.1 J**	400 U	200 U	**0.71 J**	800 U	40 U	830 U	4.2 U	NA	**3.5 J**
Fluorene	50*	4 U	4 U	4 U	NA	**9.8**	**10**	**37 J**	**20 J**	**2.9 J**	800 U	**13 J**	830 U	4.2 U	NA	**21 J**
Indeno(1,2,3-cd)pyrene	0.002*	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 UJ	830 U	4.2 U	NA	42 U
2-Methylnaphthalene	ND	4 U	4 U	4 U	NA	**35**	**45**	**720**	**120 J**	**24**	**540 J**	**110**	**620 J**	4.2 U	NA	**17 J**
Naphthalene	10*	**0.53 J**	**0.87 J**	4 U	NA	**43**	**56**	**6600**	**2500**	**120**	**4000**	**580**	**6300**	**0.59 J**	NA	**370**
Phenanthrene	50*	4 U	4 U	4 U	NA	**15**	**17**	400 U	**24 J**	**3.8 J**	800 U	**15 J**	830 U	4.2 U	NA	**35 J**
Pyrene	50*	4 U	4 U	4 U	NA	**2.8 J**	**2.6 J**	400 UJ	200 UJ	**1.6 J**	800 U	**3.6 J**	830 U	4.2 U	NA	**4.3 J**
Total PAHs	ND	**0.53**	**0.87**	**0.33**	NA	**124.4**	**150.2**	**7627**	**2724**	**163.71**	**4680**	**749.6**	**7060**	**1.59**	NA	**556.2**

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-01 13 - 23 11/4/2009	WW-MW-02 7.4 - 17.4 11/4/2009	WW-MW-03 4 - 14 11/4/2009	WW-MW-03 4 - 14 3/20/2019	WW-MW-04 10 - 20 11/4/2009	Duplicate of WWMW-04 10 - 20 11/5/2009	WW-MW-05 4 - 14 11/5/2009	WW-MW-06 0.3 - 10.3 11/4/2009	WW-MW-07 1 - 11 11/5/2009	WW-MW-08 0.3 - 10.3 11/5/2009	WW-MW-10 4 - 14 11/5/2009	WW-MW-11 4 - 14 11/5/2009	WW-MW-12 5 - 15 11/5/2009	WW-MW-12 5 - 15 3/20/2019	WW-MW-13 4 - 14 11/6/2009
Other SVOCs (ug/L)																
Biphenyl (1,1-Biphenyl)	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	4 U	4 U	4 U	NA	**1.1 J**	**1.9 J**	400 UJ	200 UJ	8 UJ	800 U	40 U	830 U	4.2 U	NA	42 U
Butyl benzyl phthalate	50*	4 U	4 U	4 U	NA	4 U	4.2 U	400 UJ	200 UJ	8 UJ	800 U	40 U	830 U	4.2 U	NA	42 U
Carbazole	ND	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	**5.8 J**
Dibenzofuran	ND	4 U	4 U	4 U	NA	**1.1 J**	**1 J**	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	**5.2 J**
Diethyl phthalate	50*	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
2,4-Dimethylphenol	50*	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
Di-n-butyl phthalate	50	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
1,4-Dioxane	ND	NA	NA	NA	0.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.45**	NA
2-Methylnaphthalene	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	1	4 U	4 U	4 U	NA	4 U	4.2 U	**34 J**	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
4-Methylphenol (p-Cresol)	1	4 U	4 U	4 U	NA	4 U	4.2 U	**34 J**	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	42 U
Phenol	1	4 U	4 U	4 U	NA	4 U	4.2 U	400 U	200 U	8 U	800 U	40 U	830 U	4.2 U	NA	**3.2 J**
Total SVOCs	ND	**0.53**	**0.87**	**0.33**	NA	**126.6**	**153.1**	**7695**	**2724**	**163.71**	**4680**	**749.6**	**7060**	**1.59**	NA	**570.4**
PFAS (ng/L)																
Perfluorobutanesulfonic acid (PFBS)	ND	NA	NA	NA	**8.57 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.87**	NA
Perfluorobutanoic acid (PFBA)	ND	NA	NA	NA	**19.4 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluorodecanoic acid (PFDA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluorododecanoic acid (PFDoA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluoroheptanoic acid (PFHpA)	ND	NA	NA	NA	**4.09**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**17.4**	NA
Perfluorohexanoic acid (PFHxA)	ND	NA	NA	NA	**8.69**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**16.7 J**	NA
Perfluorooctanesulfonamide (FOSA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluoropentanoic Acid (PFPeA)	ND	NA	NA	NA	**7.88**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.55 J**	NA
Perfluorotetradecanoic acid (PFTA/PFTeDA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Perfluoroundecanoic acid (PFUnA)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.01 U	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ND	NA	NA	NA	16.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.1 U	NA
Perfluorohexanesulfonic acid (PFHxS)	ND	NA	NA	NA	1.64 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.45**	NA
Perfluorononanoic Acid (PFNA)	ND	NA	NA	NA	**0.37 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.88 J**	NA
Perfluorooctanesulfonic acid (PFOS)	ND	NA	NA	NA	1.68 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	**100 J**	NA
Perfluorooctanoic Acid (PFOA)	ND	NA	NA	NA	**24.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**57.5**	NA
Total PFAS	ND	NA	NA	NA	**73.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**222.35**	NA
PCB Aroclors (ug/L)																
Total PCBs		ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND

Table 13. Groundwater Analytical Results
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Sample Name		WW-MW-01	WW-MW-02	WW-MW-03	WW-MW-03	WW-MW-04	Duplicate of WWMW-04	WW-MW-05	WW-MW-06	WW-MW-07	WW-MW-08	WW-MW-10	WW-MW-11	WW-MW-12	WW-MW-12	WW-MW-13
Screen Interval (feet bgs)		13 - 23	7.4 - 17.4	4 - 14	4 - 14	10 - 20	10 - 20	4 - 14	0.3 - 10.3	1 - 11	0.3 - 10.3	4 - 14	4 - 14	5 - 15	5 - 15	4 - 14
Sample Date	NYS AWQS	11/4/2009	11/4/2009	11/4/2009	3/20/2019	11/4/2009	11/5/2009	11/5/2009	11/4/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	3/20/2019	11/6/2009
Pesticides (ug/L)																
Aldrin	ND	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
alpha-BHC (Hexachlorocyclohexane)	0.01	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
beta-BHC (beta-Hexachlorocyclohexane)	0.04	0.05 U	**0.013 J**	0.052 U	NA	0.054 U	0.053 U	**0.14 J**	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	**0.057 JN**	**0.011 J**	0.052 U	**0.019 J**	0.054 U	**0.041 J**	0.052 UJ	NA	0.053 U
alpha-chlordane	ND	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 UJ	0.052 UJ	0.052 U	0.052 UJ	0.052 UJ	0.054 UJ	0.052 UJ	0.052 UJ	NA	0.053 U
gamma-Chlordane	ND	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
4,4'-DDT (p,p'-DDT)	0.2	0.1 U	0.1 U	0.1 U	NA	0.11 U	0.11 U	0.1 U	0.1 UJ	0.1 U	**0.028 J**	0.11 U	0.1 UJ	0.1 UJ	NA	0.11 U
alpha-Endosulfan (I)	ND	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	**0.052**	0.052 U	**0.012 J**	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
beta-Endosulfan (II)	ND	0.1 U	0.1 U	0.1 U	NA	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 UJ	0.1 UJ	NA	0.11 U
Heptachlor	0.04	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
Heptachlor epoxide	0.03	0.05 U	0.05 U	0.052 U	NA	0.054 U	0.053 U	0.052 U	0.052 U	0.052 U	0.052 U	0.054 U	0.052 UJ	0.052 UJ	NA	0.053 U
Herbicides (ug/L)																
Total Herbicides		ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Total Metals (ug/L)																
Aluminum	ND	500 U	500 U	500 U	NA	500 U	500 U	**105 J**	500 U	500 U	**128 J**	**297**	500 U	500 U	NA	500 U
Antimony	3	15 U	15 U	15 U	NA	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 UJ	NA	15 U
Arsenic	25	15 U	15 U	15 U	NA	15 U	15 U	15 U	**7.6 J**	15 U	15 U	15 U	15 U	**9.1 J**	NA	**6.4 J**
Barium	1000	**172**	**315**	**436**	NA	**91.5**	**93.3**	**250**	**201**	**195**	**128**	**119**	**195**	**224**	NA	**137**
Beryllium	3*	5 U	5 U	5 U	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	5 U
Calcium	ND	**132000**	**191000**	**181000**	NA	**59500**	**58500**	**56200**	**71100**	**71200**	**49700**	**56900**	**127000**	**234000**	NA	**170000**
Chromium	50	**0.55 J**	**1.2 J**	**0.73 J**	NA	5 U	5 U	**0.73 J**	5 U	**0.62 J**	**0.92 J**	**0.79 J**	**0.63 J**	5 U	NA	5 U
Cobalt	ND	**1.5 J**	**2.2 J**	5 U	NA	5 U	5 U	**4.6 J**	5 U	**2.5 J**	**1.3 J**	5 U	5 U	5 U	NA	5 U
Copper	200	**1.7 J**	10 U	10 U	NA	10 U	**1.9 J**	**6.8**	**1.9 J**	**72.4**	**4.1 J**	**2 J**	10 U	**3.1 J**	NA	**7.1 J**
Iron	300	**25500**	**9480**	**29100**	NA	**2330**	**2350**	**2840**	**11400**	**161**	**4690**	**5000**	**1740**	**1940**	NA	**2390**
Lead	25	15 U	15 U	15 U	NA	15 U	15 U	15 U	15 U	**25.9**	15 U	15 U	15 U	15 UJ	NA	15 U
Magnesium	35000*	**36600**	**37300**	**31700**	NA	**5730**	**5800**	**10800**	**5080**	**13400**	**3450**	**7080**	**19500**	**79400**	NA	**130000**
Manganese	300	**2080**	**3480**	**1130**	NA	**241**	**243**	**566**	**790**	**542**	**216**	**489**	**559**	**613**	NA	**270**
Mercury	0.7	0.2 U	0.2 U	0.2 U	NA	0.2 U	0.2 U	0.2 U	0.2 U	**0.4 J**	0.2 U	0.2 U	0.2 U	0.2 U	NA	0.2 U
Nickel	100	**3 J**	**2.1 J**	**2.6 J**	NA	**7.4 J**	**8.2 J**	**32.8 J**	**16.8 J**	**15.1 J**	**15.8 J**	**1.7 J**	**26.2 J**	**11.8 J**	NA	5 UJ
Potassium	ND	**37600 J**	**15800 J**	**40000 J**	NA	**24500 J**	**24500 J**	**45300 J**	**19700 J**	**15500 J**	**42900 J**	**13100 J**	**24900 J**	**55500 J**	NA	**71100 J**
Selenium	10	38 U	38 UJ	38 U	NA	38 U	38 U	38 U	38 U	38 U	38 U	38 U	38 U	38 UJ	NA	38 U
Sodium	20000	**294000**	**496000**	**735000**	NA	**363000**	**356000**	**779000**	**873000**	**187000**	**525000**	**343000**	**362000**	**1080000**	NA	**982000**
Tin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	ND	**3.8 J**	**3.6 J**	**3.4 J**	NA	**1.8 J**	**1.7 J**	**4.7 J**	**3.4 J**	**3.8 J**	**8.1**	**2.6 J**	**7.7**	**26.7 J**	NA	**6.9**
Zinc	2000*	25 UJ	25 UJ	**6 J**	NA	25 UJ	25 UJ	**7.5 J**	25 UJ	**108 J**	25 UJ	25 UJ	25 UJ	**49.9 J**	NA	**10.2 J**
Cyanides (mg/L)																
Total Cyanide	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide	200	10 U	**3.8 J**	**8 J**	NA	**21.9**	**24.9**	**94.7**	**102**	**19.7**	**323**	**23.5**	**211**	**39.4**	NA	10 U
Other (ug/L)																
Ammonia	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-14 4 - 14 11/6/2009	WW-MW-14 4 - 14 3/20/2019	Duplicate of WWMW-14 4 - 14 3/20/2019	WW-MW-15 4 - 14 11/6/2009	WW-MW-16 4 - 14 11/4/2009	WW-MW-17 4 - 14 11/5/2009	WW-MW-18 4 - 14 12/20/2012	WW-MW-19 4 - 14 12/20/2012	WW-MW-20 6 - 16 12/20/2012	WW-MW-200 5 - 15 10/27/2022	WW-MW-200I 35 - 45 9/12/2024	WW-MW-200D 58 - 68 9/12/2024	WW-MW-201I 40 - 50 9/12/2024	WW-MW-201D 60 - 70 9/12/2024
BTEX (ug/L)															
Benzene	1	5 U	NA	NA	**1.7 J**	5 U	5 U	1 U	1 U	**1.5**	**0.1 J**	1 U	**3.1**	1 U	**1.5**
Toluene	5	5 U	NA	NA	5 U	5 U	5 U	**0.15 J**	1 U	1 U	1 U	1 U	**1.2**	**0.4 J**	**3.4**
Ethylbenzene	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	**0.2 J**	1 U	**0.34 J**	**0.96 J**	**0.42 J**
o-Xylene	5	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	**1.8**	**0.4 J**
m/p-Xylene	5	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	**0.2 J**	1 U	1 U	**2.9**	**0.46 J**
Total Xylene	5	5 U	NA	NA	5 U	5 U	5 U	3 U	3 U	3 U	NA	NA	NA	NA	NA
Total BTEX	ND	ND	NA	NA	**1.7**	ND	ND	**0.15**	ND	**1.5**	**0.5**	ND	**4.64**	**6.06**	**6.18**
Other VOCs (ug/L)															
Acetone	50*	10 U	NA	NA	10 U	10 U	10 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50*	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	0.6 U	1 U	1 U	1 U	1 U
Carbon disulfide	60*	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	**0.2 J**	1 U	1 U	1 U	1 U
Chloroform (Trichloromethane)	7	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	**11**	**0.34 J**	**1.1**
Chloromethane	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	2 U	**1.1**	**1.5**	1 U	**0.48 J**
Cyclohexane	ND	NA	NA	NA	NA	NA	NA	**1.6**	**0.85 J**	**1.3**	5 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene (o-DCB)	3	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	**0.2 J**	**0.33 J**	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5	NA	NA	NA	NA	NA	NA	**0.18 J**	**0.2 J**	1 U	**0.2 J**	1 U	1 U	1 U	1 U
Methyl ethyl ketone (2-Butanone)	50*	10 U	NA	NA	10 U	10 U	10 U	**1.5 J**	5 U	5 U	10 U	5 U	5 U	5 U	5 U
Methyl tert-butyl ether (MTBE)	10*	NA	NA	NA	NA	NA	NA	**5.4**	**0.33 J**	**0.35 J**	1 U	**0.44 J**	1 U	1 U	1 U
Methylcyclohexane	ND	NA	NA	NA	NA	NA	NA	**1.5**	**0.44 J**	**0.3 J**	**0.7 J**	1 U	1 U	1 U	1 U
Methylene chloride	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	2 U	1 U	**0.81 J**	**0.52 J**	**1.7**
Naphthalene	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.4 J**	NA	NA	NA	NA
Styrene	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	**0.2 J**	1 U	1 U	1 U	1 U
Tetrachloroethene (PCE)	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
Trichloroethene (TCE)	5	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	5 U	NA	NA	5 U	5 U	5 U	1 U	1 U	**0.62 J**	1 U	**1.2**	1 U	1 U	1 U
Total VOCs	ND	ND	NA	NA	**1.7**	ND	ND	**10.33**	**1.82**	**4.07**	**2.4**	**3.07**	**17.95**	**6.92**	**9.46**
PAHs (ug/L)															
Acenaphthene	20*	4.2 U	NA	NA	**7.8**	4 U	**2 J**	**1.2 J**	**0.88 J**	2.2 U	**12.9**	10 U	10 U	10 U	10 U
Acenaphthylene	ND	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	**2.4 J**	10 U	10 U	**1 J**	10 U
Anthracene	50*	4.2 U	NA	NA	**0.52 J**	4 U	4 U	2.2 U	**0.23 J**	2.2 U	**2 J**	10 U	10 U	10 U	10 U
Benzo(a)anthracene	0.002*	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	**1.6 J**	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	0.002*	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	9.3 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	ND	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	**1.2 J**	10 U	10 U	10 U	10 U
Benzo(a)pyrene	ND	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	**1.5 J**	1 U	1 U	1 U	1 U
Chrysene	0.002*	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	**1.5 J**	2 UJ	2 UJ	2 UJ	2 UJ
Fluoranthene	50*	4.2 U	NA	NA	**1.2 J**	4 U	4 U	2.2 U	**0.35 J**	2.2 U	**8.4 J**	10 U	10 U	10 U	10 U
Fluorene	50*	4.2 U	NA	NA	**2.3 J**	4 U	**0.59 J**	2.2 U	**0.64 J**	2.2 U	9.3 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	0.002*	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	9.3 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene	ND	4.2 U	NA	NA	4.3 U	4 U	**1.1 J**	2.2 U	2.2 U	2.2 U	9.3 U	10 U	10 U	10 U	10 U
Naphthalene	10*	4.2 U	NA	NA	**1.4 J**	4 U	**4.1**	2.2 U	2.2 U	2.2 U	9.3 U	2 U	**1 J**	**2.6**	2 U
Phenanthrene	50*	4.2 U	NA	NA	**3.5 J**	4 U	**0.68 J**	2.2 U	2.2 U	2.2 U	9.3 U	10 U	10 U	10 U	10 U
Pyrene	50*	4.2 U	NA	NA	**0.56 J**	4 U	4 U	2.2 U	**0.3 J**	2.2 U	**13.8**	10 U	10 U	10 U	10 U
Total PAHs	ND	ND	NA	NA	**17.28**	ND	**8.47**	**1.2**	**2.4**	ND	**45.3**	ND	**1**	**3.6**	ND

Table 13. Groundwater Analytical Results
Remedial Investigation Report
K - Williamsburg Works
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-14 4 - 14 11/6/2009	WW-MW-14 4 - 14 3/20/2019	Duplicate of WWMW-14 4 - 14 3/20/2019	WW-MW-15 4 - 14 11/6/2009	WW-MW-16 4 - 14 11/4/2009	WW-MW-17 4 - 14 11/5/2009	WW-MW-18 4 - 14 12/20/2012	WW-MW-19 4 - 14 12/20/2012	WW-MW-20 6 - 16 12/20/2012	WW-MW-200 5 - 15 10/27/2022	WW-MW-200I 35 - 45 9/12/2024	WW-MW-200D 58 - 68 9/12/2024	WW-MW-201I 40 - 50 9/12/2024	WW-MW-201D 60 - 70 9/12/2024
Other SVOCs (ug/L)															
Biphenyl (1,1-Biphenyl)	5	NA	NA	NA				11 U	11 U	11 U	9.3 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	5	4.2 U	NA	NA	4.3 U	**0.64 J**	4 U	22 U	22 U	22 U	5.6 U	2 U	2 U	2 U	2 U
Butyl benzyl phthalate	50*	4.2 U	NA	NA	4.3 U	4 U	4 U	11 U	11 U	11 U	**2 J**	10 U	10 U	10 U	10 U
Carbazole	ND	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	9.3 U	10 U	10 U	10 U	10 U
Dibenzofuran	ND	4.2 U	NA	NA	**2 J**	4 U	4 U	11 U	11 U	11 U	9.3 U	10 U	10 U	10 U	10 U
Diethyl phthalate	50*	4.2 U	NA	NA	4.3 U	4 U	4 U	11 U	11 U	11 U	9.3 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50*	4.2 U	NA	NA	4.3 U	4 U	4 U	11 U	11 U	11 U	46.7 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	50	4.2 U	NA	NA	4.3 U	4 U	4 U	11 U	11 U	11 U	9.3 U	10 U	10 U	10 U	10 U
1,4-Dioxane	ND	NA	0.2 U	0.2 U	NA	NA	NA	NA	NA	NA	NA	10 UJ	10 UJ	10 UJ	10 UJ
2-Methylnaphthalene	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.3 U	10 U	10 U	10 U	10 U
2-Methylphenol (o-Cresol)	1	4.2 U	NA	NA	4.3 U	4 U	4 U	11 U	11 U	11 U	9.3 U	10 U	10 U	10 U	10 U
4-Methylphenol (p-Cresol)	1	4.2 U	NA	NA	4.3 U	4 U	4 U	NA	NA	NA	NA	10 U	10 U	10 U	10 U
Phenol	1	4.2 U	NA	NA	4.3 U	4 U	4 U	2.2 U	2.2 U	2.2 U	9.3 U	10 U	10 U	10 U	10 U
Total SVOCs	ND	ND	NA	NA	**19.28**	**0.64**	**8.47**	**1.2**	**2.4**	ND	**47.3**	ND	**1**	**3.6**	ND
PFAS (ng/L)															
Perfluorobutanesulfonic acid (PFBS)	ND	NA	**2.5**	**2.02**	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ND	NA	**3.45**	**4.27**	NA	NA	NA	NA	NA	NA	**4.2 J**	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ND	NA	**1.47 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ND	NA	**1.23 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ND	NA	**0.83 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ND	NA	**3.12**	**3.97**	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ND	NA	**3.86**	**3.99**	NA	NA	NA	NA	NA	NA	**5.3 J**	NA	NA	NA	NA
Perfluorooctanesulfonamide (FOSA)	ND	NA	**0.92 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	ND	NA	**3.98**	**4.85**	NA	NA	NA	NA	NA	NA	**4.7 J**	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA/PFTeDA)	ND	NA	**1.16 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ND	NA	**1.02 J**	1.61 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ND	NA	**1.73**	**0.85 J**	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ND	NA	16.1 U	16.1 U	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ND	NA	**1.97**	**1.42 J**	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	ND	NA	**2.35**	**1.67**	NA	NA	NA	NA	NA	NA	**3 J**	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ND	NA	**19.5 J**	**20.6 J**	NA	NA	NA	NA	NA	NA	**100**	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	ND	NA	**9.71**	**9.89**	NA	NA	NA	NA	NA	NA	**16 J**	NA	NA	NA	NA
Total PFAS	ND	NA	**58.8**	**53.53**	NA	NA	NA	NA	NA	NA	**133.2**	NA	NA	NA	NA
PCB Aroclors (ug/L)															
Total PCBs		ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-14 4 - 14 11/6/2009	WW-MW-14 4 - 14 3/20/2019	Duplicate of WWMW-14 4 - 14 3/20/2019	WW-MW-15 4 - 14 11/6/2009	WW-MW-16 4 - 14 11/4/2009	WW-MW-17 4 - 14 11/5/2009	WW-MW-18 4 - 14 12/20/2012	WW-MW-19 4 - 14 12/20/2012	WW-MW-20 6 - 16 12/20/2012	WW-MW-200 5 - 15 10/27/2022	WW-MW-200I 35 - 45 9/12/2024	WW-MW-200D 58 - 68 9/12/2024	WW-MW-201I 40 - 50 9/12/2024	WW-MW-201D 60 - 70 9/12/2024
Pesticides (ug/L)															
Aldrin	ND	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 UJ	0.058 UJ	0.054 UJ	0.047 U	NA	NA	NA	NA
alpha-BHC (Hexachlorocyclohexane)	0.01	0.052 U	NA	NA	**0.02 J**	0.05 U	0.052 U	0.054 UJ	0.058 UJ	0.054 UJ	0.047 U	NA	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.04	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 U	0.058 U	**0.063**	0.047 U	NA	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
alpha-chlordane	ND	0.052 UJ	NA	NA	**0.029 J**	0.05 U	0.052 UJ	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
gamma-Chlordane	ND	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.2	0.1 U	NA	NA	0.11 U	0.1 U	0.1 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
alpha-Endosulfan (I)	ND	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
beta-Endosulfan (II)	ND	0.1 U	NA	NA	0.11 U	0.1 U	0.1 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
Heptachlor	0.04	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 UJ	0.058 UJ	0.054 UJ	0.047 U	NA	NA	NA	NA
Heptachlor epoxide	0.03	0.052 U	NA	NA	0.053 U	0.05 U	0.052 U	0.054 U	0.058 U	0.054 U	0.047 U	NA	NA	NA	NA
Herbicides (ug/L)															
Total Herbicides		ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Total Metals (ug/L)															
Aluminum	ND	2500 U	NA	NA	2500 U	500 U	500 U	**56**	30 U	30 U	**856**	**68.2**	**94.2**	**141**	**110**
Antimony	3	75 U	NA	NA	75 U	15 U	15 U	2 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U
Arsenic	25	**32 J**	NA	NA	**42.8 J**	15 U	15 U	**1.5**	**5**	**1.5**	5 U	**3.2**	**1.7 J**	**1.3 J**	**1.3 J**
Barium	1000	**58.9**	NA	NA	**100**	**103**	**50.4**	**98**	**690**	**220**	**104**	**84.9**	**166**	**70.3**	**77.5**
Beryllium	3*	25 U	NA	NA	25 U	5 U	5 U	1 U	1 U	1 U	0.5 U	0.8 U	0.8 U	0.8 U	0.8 U
Calcium	ND	**266000**	NA	NA	**247000**	**53700**	**108000**	**130000**	**330000**	**86000**	**121000**	**217000**	**471000**	**229000**	**433000**
Chromium	50	**74.2**	NA	NA	25 U	**0.96 J**	5 U	2 U	2 U	2 U	**2.7 J**	4 U	4 U	4 U	4 U
Cobalt	ND	**6.4 J**	NA	NA	25 U	5 U	**0.99 J**	**0.26 J**	**0.48 J**	**0.26 J**	10 U	**1.1 J**	**1.6 J**	**1.2 J**	**1.1 J**
Copper	200	**44.1**	NA	NA	50 U	10 U	**7.7 J**	**0.45 J**	**1.4 J**	**0.38 J**	10 U	4 U	4 U	4 U	4 U
Iron	300	**334 J**	NA	NA	**310 J**	**13400**	**629**	**5900 J**	**41000 J**	**7800 J**	**2350 J**	**1980**	**14300**	**3440**	**12900**
Lead	25	75 U	NA	NA	75 U	15 U	15 U	**1.1**	1 UJ	1 U	10 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35000*	**697000**	NA	NA	**688000**	**10800**	**12200**	**39000**	**100000**	**18000**	**17900 J**	**239000**	**295000**	**400000**	**595000**
Manganese	300	**48.7**	NA	NA	**55.3**	**899**	**81.5**	**280**	**1200**	**960**	**558**	**1640**	**1770**	**1420**	**2070**
Mercury	0.7	0.2 U	NA	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	**159 J**	NA	NA	25 UJ	5 UJ	**14.4 J**	1 U	1 U	**0.17 J**	25 U	**1.3 J**	**1.7 J**	**17.6**	**1 J**
Potassium	ND	**379000 J**	NA	NA	**377000 J**	**15100 J**	**23400 J**	**28000**	**21000**	**13000**	**22700**	**48400**	**28100**	**114000**	**98900**
Selenium	10	190 U	NA	NA	190 U	38 U	38 U	5 U	**12**	5 U	10 U	2.5 U	2.5 U	2.5 U	2.5 U
Sodium	20000	**5990000**	NA	NA	**5980000**	**210000**	**316000**	**170000**	**870000**	**210000**	**36700 J**	**2000000**	**2150000**	**4130000**	**5840000**
Tin	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	**21.2 J**	16 U	16 U	16 U	16 U
Vanadium	ND	**26.1**	NA	NA	**30.7**	**1.7 J**	**2.6 J**	1 U	**0.18 J**	1 U	10 U	4 U	**0.86 J**	**0.8 J**	**0.99 J**
Zinc	2000*	**459 J**	NA	NA	125 UJ	25 UJ	25 UJ	5 U	5 U	5 U	**23.9 J**	16 U	**15.9 J**	16 U	16 U
Cyanides (mg/L)															
Total Cyanide	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.05**	0.01 U	**0.059**	**0.0044 J**
Total Cyanide	200	10 U	NA	NA	10 U	10 U	**281**	10 U	10 U	10 U	NA	NA	NA	NA	NA
Other (ug/L)															
Ammonia	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-202I 38 - 48 9/12/2024	WW-MW-202D 67 - 77 9/12/2024	WW-MW-203 5 - 15 9/12/2022	WW-MW-203I 35 - 45 9/12/2024	WW-MW-203D 65 - 75 9/12/2024	WW-MW-204 5 - 15 9/12/2022	Duplicte of WW-MW-204 5 - 15 9/12/2022	WW-MW-204I 38 - 48 9/12/2024	WW-MW-204D 55 - 65 9/12/2024	Duplicate of WW-MW-204D 55 - 65 9/12/2024	WW-MW-205I 35 - 45 9/12/2024	WW-MW-205D 68 - 78 9/12/2024	WW-MW-206 4 - 14 10/27/2022
BTEX (ug/L)														
Benzene	1	**0.33 J**	1 U	1 U	1 U	1 U	1 U	1 U	**7800**	**3**	**2.9**	**0.32 J**	**0.32 J**	**97**
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**10 J**	1 U	1 U	1 U	1 U	**2.3**
Ethylbenzene	5	**0.42 J**	1 U	1 U	1 U	1 U	1 U	1 U	**730**	1 U	1 U	1 U	**2.4**	**180**
o-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**180**	1 U	1 U	1 U	**0.36 J**	**25.4**
m/p-Xylene	5	1 U	1 U	2 U	1 U	1 U	2 U	2 U	**160**	**0.31 J**	1 U	1 U	1 U	**57.3**
Total Xylene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total BTEX	ND	**0.75**	ND	ND	ND	ND	ND	ND	**8880**	**3.31**	**2.9**	**0.32**	**3.08**	**362**
Other VOCs (ug/L)														
Acetone	50*	5 U	5 U	**66.8 J**	5 U	**6.5 J**	10 U	**76.4 J**	130 UJ	**5.2 J**	**5.3 J**	5 U	5 UJ	10 U
Bromodichloromethane	50*	1 U	1 U	0.6 U	1 U	**3**	0.6 U	0.6 U	25 U	1 U	1 U	1 U	**1.5**	0.6 U
Carbon disulfide	60*	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	25 UJ	1 UJ	1 UJ	1 U	1 UJ	**0.5 J**
Chloroform (Trichloromethane)	7	1 U	**3.1**	1 U	**1.1**	**47**	**0.3 J**	**0.3 J**	**31**	**15**	**15**	**4 J**	**34**	1 U
Chloromethane	5	1 U	**0.66 J**	**6.6 J**	**0.58 J**	1 UJ	**5.4 J**	**8.2 J**	25 UJ	1 UJ	1 UJ	**1.4**	1 UJ	2 U
Cyclohexane	ND	1 U	1 U	5 U	1 U	1 UJ	5 U	5 U	25 UJ	1 UJ	1 UJ	1 U	1 UJ	**1 J**
1,2-Dichlorobenzene (o-DCB)	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	**0.27 J**	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	**2.2 J**	1 U	**0.3 J**
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5	1 U	1 U	**0.3 J**	1 U	1 U	**0.6 J**	**0.5 J**	**42**	1 U	1 U	1 U	1 U	**24.4**
Methyl ethyl ketone (2-Butanone)	50*	5 U	5 U	10 U	5 U	5 UJ	10 U	10 U	130 UJ	5 UJ	5 UJ	5 U	5 UJ	10 U
Methyl tert-butyl ether (MTBE)	10*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	**1.6**	1 U	1 U
Methylcyclohexane	ND	1 U	1 U	**0.6 J**	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	**1.7**
Methylene chloride	5	**0.72 J**	**1.1**	2 U	**1.1**	1 U	2 U	2 U	25 U	1 U	**0.6 J**	1 U	1 U	2 U
Naphthalene	10*	NA	NA	**11.6**	NA	NA	**1.7 J**	**1.7 J**	NA	NA	NA	NA	NA	**698**
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	**0.1 J**
Tetrachloroethene (PCE)	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene (TCE)	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	25 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	25 UJ	1 UJ	1 UJ	**3.3**	1 UJ	1 U
Total VOCs	ND	**1.47**	**4.86**	**85.9**	**2.78**	**56.5**	**8**	**87.1**	**8953**	**23.51**	**23.8**	**13.09**	**38.58**	**1088**
PAHs (ug/L)														
Acenaphthene	20*	10 U	10 U	**5.9 J**	10 U	10 U	**3.1 J**	**2.5 J**	**11**	10 U	10 U	10 U	10 U	**188**
Acenaphthylene	ND	10 U	10 U	**2 J**	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**4 J**
Anthracene	50*	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**9.6**
Benzo(a)anthracene	0.002*	1 U	1 U	9.3 U	1 U	1 U	9.3 U	9.6 U	1 U	1 U	1 U	1 U	1 U	9.3 U
Benzo(k)fluoranthene	0.002*	1 U	1 U	9.3 U	1 U	1 U	9.3 U	9.6 U	1 U	1 U	1 U	1 U	1 U	9.3 U
Benzo(g,h,i)perylene	ND	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	9.3 U
Benzo(a)pyrene	ND	1 U	1 U	9.3 U	1 U	1 U	9.3 U	9.6 U	1 U	1 U	1 U	1 U	1 U	9.3 U
Chrysene	0.002*	2 UJ	2 UJ	9.3 U	2 UJ	2 UJ	9.3 U	9.6 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	9.3 U
Fluoranthene	50*	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**4.4 J**
Fluorene	50*	10 U	10 U	**3.8 J**	10 U	10 U	9.3 U	9.6 U	**1.1 J**	10 U	10 U	10 U	10 U	**20**
Indeno(1,2,3-cd)pyrene	0.002*	2 U	2 U	9.3 UJ	2 U	2 U	9.3 U	9.6 U	2 U	2 U	2 U	2 U	2 U	9.3 U
2-Methylnaphthalene	ND	10 U	10 U	**2 J**	10 U	10 U	9.3 U	9.6 U	**1.4 J**	10 U	10 U	10 U	10 U	**31.7**
Naphthalene	10*	2 U	2 U	**7.1 J**	2 U	2 U	9.3 U	9.6 U	**3.1**	**1.1 J**	**1.1 J**	2 U	2 U	**484**
Phenanthrene	50*	10 U	10 U	**1.6 J**	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**14.5**
Pyrene	50*	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**5.5 J**
Total PAHs	ND	ND	ND	**22.4**	ND	ND	**3.1**	**2.5**	**16.6**	**1.1**	**1.1**	ND	ND	**761.7**

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-202I 38 - 48 9/12/2024	WW-MW-202D 67 - 77 9/12/2024	WW-MW-203 5 - 15 9/12/2022	WW-MW-203I 35 - 45 9/12/2024	WW-MW-203D 65 - 75 9/12/2024	WW-MW-204 5 - 15 9/12/2022	Duplicte of WW-MW-204 5 - 15 9/12/2022	WW-MW-204I 38 - 48 9/12/2024	WW-MW-204D 55 - 65 9/12/2024	Duplicate of WW-MW-204D 55 - 65 9/12/2024	WW-MW-205I 35 - 45 9/12/2024	WW-MW-205D 68 - 78 9/12/2024	WW-MW-206 4 - 14 10/27/2022
Other SVOCs (ug/L)														
Biphenyl (1,1-Biphenyl)	5	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	**1.4 J**	10 U	10 U	10 U	10 U	**3.2 J**
Bis(2-ethylhexyl)phthalate	5	2 U	2 U	5.6 UJ	2 U	2 U	5.6 U	5.8 U	2 U	2 U	2 U	2 U	2 U	5.6 U
Butyl benzyl phthalate	50*	10 U	10 U	9.3 UJ	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**3.1 J**
Carbazole	ND	10 U	10 U	**4.1 J**	10 U	10 U	9.3 U	9.6 U	**0.99 J**	10 U	10 U	10 U	10 U	9.3 U
Dibenzofuran	ND	10 U	10 U	**2.8 J**	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	**7.6 J**
Diethyl phthalate	50*	10 U	10 U	**5.1 J**	10 U	10 U	**5.5 J**	**6.4 J**	10 U	10 U	10 U	10 U	10 U	9.3 U
2,4-Dimethylphenol	50*	10 U	10 U	46.7 U	10 U	10 U	46.7 UJ	48.1 U	**4.6 J**	10 U	10 U	10 U	10 U	46.7 U
Di-n-butyl phthalate	50	10 U	10 U	9.3 U	10 U	10 U	9.3 U	9.6 U	10 U	10 U	10 U	10 U	10 U	9.3 U
1,4-Dioxane	ND	10 UJ	10 UJ	NA	10 UJ	10 UJ	NA	NA	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	
2-Methylnaphthalene	ND	10 U	10 U	**2 J**	10 U	10 U	9.3 U	9.6 U	**1.4 J**	10 U	10 U	10 U	10 U	**31.7**
2-Methylphenol (o-Cresol)	1	10 U	10 U	9.3 U	10 U	10 U	9.3 UJ	9.6 U	10 U	10 U	10 U	10 U	10 U	9.3 U
4-Methylphenol (p-Cresol)	1	10 U	10 U	NA	10 U	10 U	NA	NA	10 U	10 U	10 U	10 U	10 U	
Phenol	1	10 U	10 U	9.3 U	10 U	10 U	9.3 UJ	9.6 U	**20**	10 U	10 U	10 U	10 U	9.3 U
Total SVOCs	ND	ND	ND	**34.4**	ND	ND	**8.6**	**8.9**	**43.59**	**1.1**	**1.1**	ND	ND	**775.6**
PFAS (ng/L)														
Perfluorobutanesulfonic acid (PFBS)	ND	NA	NA	20 U	NA	NA	**20**	**20**	NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ND	NA	NA	20 U	NA	NA	**25**	**26**	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ND	NA	NA	20 U	NA	NA	**4.1 J**	**4 J**	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ND	NA	NA	**7.6 J**	NA	NA	**14 J**	**14 J**	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ND	NA	NA	**6.9 J**	NA	NA	**22**	**21**	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (FOSA)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	ND	NA	NA	20 U	NA	NA	**22**	**22**	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA/PFTeDA)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ND	NA	NA	**12 J**	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ND	NA	NA	20 U	NA	NA	20 U	20 U	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	ND	NA	NA	20 U	NA	NA	**5.6 J**	**6.2 J**	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ND	NA	NA	**19**	NA	NA	**35**	**35**	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	ND	NA	NA	**24**	NA	NA	**20 J**	**23**	NA	NA	NA	NA	NA	NA
Total PFAS	ND	NA	NA	**69.5**	NA	NA	**167.7**	**171.2**	NA	NA	NA	NA	NA	NA
PCB Aroclors (ug/L)														
Total PCBs		NA	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-202I 38 - 48 9/12/2024	WW-MW-202D 67 - 77 9/12/2024	WW-MW-203 5 - 15 9/12/2022	WW-MW-203I 35 - 45 9/12/2024	WW-MW-203D 65 - 75 9/12/2024	WW-MW-204 5 - 15 9/12/2022	Duplicte of WW-MW-204 5 - 15 9/12/2022	WW-MW-204I 38 - 48 9/12/2024	WW-MW-204D 55 - 65 9/12/2024	Duplicate of WW-MW-204D 55 - 65 9/12/2024	WW-MW-205I 35 - 45 9/12/2024	WW-MW-205D 68 - 78 9/12/2024	WW-MW-206 4 - 14 10/27/2022
Pesticides (ug/L)														
Aldrin	ND	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
alpha-BHC (Hexachlorocyclohexane)	0.01	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
beta-BHC (beta-Hexachlorocyclohexane)	0.04	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
delta-BHC (delta-Hexachlorocyclohexane)	0.04	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
alpha-chlordane	ND	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
gamma-Chlordane	ND	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
4,4'-DDT (p,p'-DDT)	0.2	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
alpha-Endosulfan (I)	ND	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
beta-Endosulfan (II)	ND	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
Heptachlor	0.04	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
Heptachlor epoxide	0.03	NA	NA	0.047 U	NA	NA	0.047 U	0.047 U	NA	NA	NA	NA	NA	0.048 U
Herbicides (ug/L)														
Total Herbicides		NA	NA	ND	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND
Total Metals (ug/L)														
Aluminum	ND	**197**	**170**	**47.6 J**	**113**	**206**	50 U	50 U	**70.9**	**45.5**	**55.8**	**118**	**23.5 J**	50 U
Antimony	3	2 U	2 U	1 U	2 U	**2.4**	**1 J**	**0.9 J**	2 U	2 U	2 U	2 U	2 U	1 U
Arsenic	25	**1.8 J**	2 U	**2.3 J**	**1.6 J**	**2.9**	**5.3**	**5.1**	**0.91 J**	2 U	2 U	**2**	**2.2**	5 U
Barium	1000	**49.1**	**86.7**	**162**	**175**	**9.6**	**124**	**123**	**61.2**	**144**	**144**	**146**	**85.2**	**99.5**
Beryllium	3*	0.8 U	0.8 U	0.5 U	0.8 U	0.8 U	0.5 U	0.5 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.5 U
Calcium	ND	**119000**	**360000**	**124000**	**51900**	**43200**	**142000**	**147000**	**29900**	**215000**	**215000**	**36800**	**108000**	**133000**
Chromium	50	4 U	4 U	**1.6 J**	4 U	**5.7**	**1.6 J**	**1.6 J**	**5.5**	**15**	**15**	4 U	**5.8**	**1.8 J**
Cobalt	ND	**1.7 J**	4 U	**1.5 J**	**1.3 J**	4 U	10 U	10 U	4 U	**1.8 J**	**1.8 J**	4 U	4 U	10 U
Copper	200	4 U	4 U	10 U	4 U	**3.8 J**	**19.4**	**18.3**	4 U	4 U	4 U	4 U	4 U	10 U
Iron	300	**2030**	**1240**	**6490**	**754**	**116 J**	**1850**	**1870**	**238**	**157**	**187**	**555**	120 U	**596 J**
Lead	25	1.2 U	1.2 U	10 U	1.2 U	**0.94 J**	**15.9**	**16**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	10 U
Magnesium	35000*	**156000**	**543000**	**39900**	**70500**	**57100**	**33000**	**33300**	**11000**	**986**	**1030**	**38700**	**243000**	**17400 J**
Manganese	300	**456**	**1110**	**498**	**340**	**199**	**415**	**409**	**1.5 J**	**5 J**	**5.5 J**	**298**	**47.2**	**638**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.3**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	**3 J**	4 U	**16.7 J**	**17.8**	**3.3 J**	**23 J**	**22.5 J**	**1.1 J**	4 U	4 U	**13.2**	4 U	25 U
Potassium	ND	**67700**	**118000**	**46000 J**	**38600**	**16700**	**20900 J**	**22200 J**	**5850**	**12800**	**12900**	**20300**	**61300**	**29500**
Selenium	10	2.5 U	2.5 U	5 U	2.5 U	2.5 U	**1.4 J**	**0.8 J**	**0.64 J**	**2.1 J**	**2.2 J**	2.5 U	2.5 U	10 U
Sodium	20000	**2800000**	**4800000**	**536000**	**556000**	**586000**	**35600**	**35800**	**154000**	**157000**	**158000**	**231000**	**2050000**	**55600 J**
Tin	ND	16 U	16 U	**22.7 J**	16 U	**3.7 J**	**25.9 J**	**26.4 J**	16 U	16 U	16 U	16 U	16 U	**22.8 J**
Vanadium	ND	**1.3 J**	**1.3 J**	10 U	**1.5 J**	**6.6**	10 U	10 U	**16.3**	**0.86 J**	**0.69 J**	4 U	**1.7 J**	10 U
Zinc	2000*	16 U	16 U	**19.4 J**	16 U	**58.4**	25 U	25 U	16 U	16 U	16 U	16 U	16 U	**18.5 J**
Cyanides (mg/L)														
Total Cyanide	200	**0.16**	0.01 U	NA	**0.16**	0.01 U	NA	NA	**0.054**	**0.05**	**0.052**	**0.019**	**0.004 J**	NA
Total Cyanide	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)														
Ammonia	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-206I 30 - 40 9/12/2024	WW-MW-206D 40 - 50 9/12/2024	WW-MW-207 6 - 16 10/27/2022	WW-MW-207I 35 - 45 9/12/2024	WW-MW-207D 60 - 70 9/12/2024	WW-MW-21 8 - 18 12/20/2012	Duplicate of WW-MW-21 8 - 18 12/20/2012	WW-MW-22 4 - 14 12/20/2012	WW-SB-03 - 7/14/2009	WW-SB-05 - 7/15/2009	WW-SB-07 - 7/15/2009	WW-SB-19 5 - 15 7/28/2009	WW-SB-19 25 - 35 7/29/2009	Duplicate of WW-SB-19 25 - 35 7/29/2009	WW-SB-19 40 - 50 7/29/2009
BTEX (ug/L)																
Benzene	1	**18**	**4.5**	**17.1**	1 U	1 U	**0.39 J**	**0.38 J**	**0.43 J**	**3700**	**3000**	**19000**	**79**	**44**	**36**	5 U
Toluene	5	1 U	**0.53 J**	**1.2**	1 U	1 U	1 U	1 U	1 U	**110 J**	**1600**	**3300**	**170**	**91 J**	**59 J**	**64**
Ethylbenzene	5	**6.5**	**1.7**	**8.4**	1 U	1 U	1 U	1 U	**0.26 J**	**3000**	**1300**	**2300**	**35**	**45**	**40**	**11**
o-Xylene	5	**2.1**	**0.51 J**	**1**	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	5	**2.1**	**0.76 J**	**1.5 J**	1 U	1 U	2 U	2 U	2 U	NA	NA	NA	NA	NA	NA	NA
Total Xylene	5	NA	NA	NA	NA	NA	3 U	3 U	3 U	**1800**	**1600**	**2400**	**190**	**95**	**75**	**55**
Total BTEX	ND	**28.7**	**8**	**29.2**	ND	ND	**0.39**	**0.38**	**0.69**	**8610**	**7500**	**27000**	**474**	**275**	**210**	**130**
Other VOCs (ug/L)																
Acetone	50*	5 U	**6.8 J**	10 U	5 U	5 U	9.1 UJ	8.2 UJ	5 U	400 U	250 U	1000 U	10 U	10 U	10 U	10 U
Bromodichloromethane	50*	1 U	1 U	0.6 U	1 U	1 U	1 U	1 U	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
Carbon disulfide	60*	**2.6 J**	1 UJ	**0.6 J**	1 U	1 U	1 U	1 U	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
Chloroform (Trichloromethane)	7	**1.2**	**35**	1 U	1 U	**6.7**	1 U	1 U	1 U	200 U	120 U	500 U	**7.9**	**7.6**	**7.1**	**3.1 J**
Chloromethane	5	**0.58 J**	1 UJ	2 U	**0.51 J**	**0.61 J**	1 U	1 U	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
Cyclohexane	ND	1 U	1 UJ	**1.9 J**	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	3	1 U	1 U	1 U	1 U	1 U	**0.24 J**	**0.3 J**	1 U	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	200 U	120 U	500 U	5 U	**1.4 J**	**1.5 J**	5 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	**0.82 J**	**0.81 J**	1 U	200 U	120 U	500 U	**1.1 J**	**21**	**19**	**4.9 J**
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	200 U	120 U	500 U	5 U	**30 J**	**29 J**	5 U
Isopropylbenzene	5	**2**	1 U	**4.5**	1 U	1 U	1 U	1 U	1 U	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	50*	5 U	5 UJ	10 U	5 U	5 U	**1.4 J**	**1.1 J**	5 U	400 U	250 U	1000 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether (MTBE)	10*	1 U	1 U	1 U	1 U	1 U	**0.22 J**	**0.21 J**	1 U	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ND	1 U	1 U	**1.5**	1 U	1 U	1 U	1 U	**0.73 J**	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	**0.49 J**	1 U	2 U	1 U	**0.47 J**	1 U	1 U	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
Naphthalene	10*	NA	NA	**8.4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	200 U	120 U	**240 J**	5 U	5 U	5 U	5 U
Tetrachloroethene (PCE)	5	1 U	1 U	1 U	1 U	1 U	**0.67 J**	**0.89 J**	1 U	200 U	120 U	500 U	5 U	5 U	5 U	5 U
Trichloroethene (TCE)	5	1 U	1 U	1 U	1 U	1 U	**0.95 J**	**0.86 J**	1 U	200 U	120 U	500 U	5 U	**42**	**38**	5 U
Vinyl chloride	2	**0.69 J**	1 UJ	1 U	1 U	1 U	**0.25 J**	1 U	1 U	200 U	120 U	500 U	5 U	**1.4 J**	**1.3 J**	5 U
Total VOCs	ND	**36.26**	**49.8**	**46.1**	**0.51**	**7.78**	**4.94**	**4.55**	**1.42**	**8610**	**7500**	**27240**	**483**	**378.4**	**305.9**	**138**
PAHs (ug/L)																
Acenaphthene	20*	**2.4 J**	**1.7 J**	**4.9 J**	10 U	10 U	2.5 U	**0.23 J**	**2.2 J**	**86 J**	**240 J**	**190 J**	**4.5**	**3 J**	**2 J**	4.2 U
Acenaphthylene	ND	10 U	10 U	**2.2 J**	10 U	10 U	2.5 U	2.2 U	2.4 U	400 U	**57 J**	800 U	**1.4 J**	**0.71 J**	**0.52 J**	4.2 U
Anthracene	50*	10 U	10 U	**2.1 J**	10 U	10 U	2.5 U	2.2 U	**0.93 J**	400 U	400 U	800 U	**2.5 J**	4.2 U	4 UJ	4.2 U
Benzo(a)anthracene	0.002*	1 U	1 U	**1.9 J**	1 U	1 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	**0.8 J**	4.2 U	4 UJ	4.2 U
Benzo(k)fluoranthene	0.002*	1 U	1 U	**1.3 J**	1 U	1 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	4 U	4.2 U	4 UJ	4.2 U
Benzo(g,h,i)perylene	ND	10 U	10 U	**1.4 J**	10 U	10 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	4 U	4.2 U	4 UJ	4.2 U
Benzo(a)pyrene	ND	1 U	1 U	**1.9 J**	1 U	1 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	4 U	4.2 U	4 UJ	4.2 U
Chrysene	0.002*	2 UJ	2 UJ	**1.8 J**	2 UJ	2 UJ	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	**0.92 J**	4.2 U	4 UJ	4.2 U
Fluoranthene	50*	10 U	10 U	**2.5 J**	10 U	10 U	2.5 U	2.2 U	**0.62 J**	400 U	400 U	800 U	**1.1 J**	4.2 U	4 UJ	4.2 U
Fluorene	50*	10 U	10 U	9.3 U	10 U	10 U	2.5 U	2.2 U	**1.1 J**	400 U	**86 J**	800 U	**5.3**	**0.65 J**	**0.53 J**	4.2 U
Indeno(1,2,3-cd)pyrene	0.002*	2 U	2 U	9.3 U	2 U	2 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	4 UJ	4.2 UJ	4 UJ	4.2 UJ
2-Methylnaphthalene	ND	**8.8 J**	10 U	**1.2 J**	10 U	10 U	2.5 U	2.2 U	**1.1 J**	**380 J**	**840**	**940**	**17**	**3.6 J**	**2.5 J**	4.2 U
Naphthalene	10*	**56**	2 U	**6.5 J**	2 U	2 U	2.5 U	2.2 U	**0.74 J**	**5800**	**5200**	**8700**	**6.8**	**28**	**21 J**	4.2 U
Phenanthrene	50*	10 U	10 U	**3.9 J**	10 U	10 U	2.5 U	2.2 U	**2.7**	400 U	**110 J**	800 U	**12**	**1.2 J**	**0.89 J**	4.2 U
Pyrene	50*	10 U	10 U	**3.9 J**	10 U	10 U	2.5 U	2.2 U	**0.6 J**	400 U	400 U	800 U	**2.4 J**	4.2 U	4 UJ	4.2 U
Total PAHs	ND	**67.2**	**1.7**	**35.5**	ND	ND	ND	**0.23**	**9.99**	**6266**	**6533**	**9830**	**54.72**	**37.16**	**27.44**	ND

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-206I 30 - 40 9/12/2024	WW-MW-206D 40 - 50 9/12/2024	WW-MW-207 6 - 16 10/27/2022	WW-MW-207I 35 - 45 9/12/2024	WW-MW-207D 60 - 70 9/12/2024	WW-MW-21 8 - 18 12/20/2012	Duplicate of WW-MW-21 8 - 18 12/20/2012	WW-MW-22 4 - 14 12/20/2012	WW-SB-03 - 7/14/2009	WW-SB-05 - 7/15/2009	WW-SB-07 - 7/15/2009	WW-SB-19 5 - 15 7/28/2009	WW-SB-19 25 - 35 7/29/2009	Duplicate of WW-SB-19 25 - 35 7/29/2009	WW-SB-19 40 - 50 7/29/2009
Other SVOCs (ug/L)																
Biphenyl (1,1-Biphenyl)	5	10 U	10 U	9.3 U	10 U	10 U	12 U	11 U	12 U							
Bis(2-ethylhexyl)phthalate	5	2 U	2 U	5.6 U	2 U	2 U	25 U	22 U	24 U	400 U	400 U	800 U	4 U	4.2 U	**0.94 J**	4.2 U
Butyl benzyl phthalate	50*	10 U	10 U	**2.2 J**	10 U	10 U	12 U	11 U	12 U	400 U	400 U	800 U	4 U	4.2 U	4 UJ	4.2 U
Carbazole	ND	10 U	10 U	9.3 U	10 U	10 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	**3.1 J**	**0.49 J**	**0.36 J**	4.2 U
Dibenzofuran	ND	10 U	10 U	9.3 U	10 U	10 U	12 U	11 U	12 U	400 U	400 U	800 U	**2.3 J**	4.2 U	4 UJ	4.2 U
Diethyl phthalate	50*	10 U	10 U	9.3 U	10 U	10 U	12 U	11 U	12 U	400 U	400 U	800 U	4 U	4.2 U	4 UJ	4.2 U
2,4-Dimethylphenol	50*	10 U	10 U	46.7 U	10 U	10 U	12 U	11 U	12 U	400 U	400 U	800 U	4 U	4.2 U	4 U	4.2 U
Di-n-butyl phthalate	50	10 U	10 U	9.3 U	10 U	10 U	12 U	11 U	12 U	400 U	400 U	800 U	**0.4 J**	4.2 U	4 UJ	4.2 U
1,4-Dioxane	ND	10 UJ	10 UJ		10 UJ	10 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ND	**8.8 J**	10 U	**1.2 J**	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	1	10 U	10 U	9.3 U	10 U	10 U	12 U	11 U	12 U	400 U	**34 J**	800 U	4 U	**0.39 J**	4 U	4.2 U
4-Methylphenol (p-Cresol)	1	10 U	10 U		10 U	10 U	NA	NA	NA	400 U	**46 J**	800 U	4 U	**0.76 J**	**0.45 J**	4.2 U
Phenol	1	10 U	10 U	9.3 U	10 U	10 U	2.5 U	2.2 U	2.4 U	400 U	400 U	800 U	4 U	4.2 U	**0.33 J**	4.2 U
Total SVOCs	ND	**67.2**	**1.7**	**37.7**	ND	ND	ND	**0.23**	**9.99**	**6266**	**6613**	**9830**	**60.52**	**38.8**	**29.52**	ND
PFAS (ng/L)																
Perfluorobutanesulfonic acid (PFBS)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (FOSA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA/PFTeDA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PFAS	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (ug/L)																
Total PCBs		NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-MW-206I 30 - 40 9/12/2024	WW-MW-206D 40 - 50 9/12/2024	WW-MW-207 6 - 16 10/27/2022	WW-MW-207I 35 - 45 9/12/2024	WW-MW-207D 60 - 70 9/12/2024	WW-MW-21 8 - 18 12/20/2012	Duplicate of WW-MW-21 8 - 18 12/20/2012	WW-MW-22 4 - 14 12/20/2012	WW-SB-03 - 7/14/2009	WW-SB-05 - 7/15/2009	WW-SB-07 - 7/15/2009	WW-SB-19 5 - 15 7/28/2009	WW-SB-19 25 - 35 7/29/2009	Duplicate of WW-SB-19 25 - 35 7/29/2009	WW-SB-19 40 - 50 7/29/2009
Pesticides (ug/L)																
Aldrin	ND	NA	NA	0.048 U	NA	NA	0.058 UJ	0.053 UJ	0.058 UJ	0.05 UJ	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
alpha-BHC (Hexachlorocyclohexane)	0.01	NA	NA	0.048 U	NA	NA	0.058 UJ	0.053 UJ	0.058 UJ	0.05 UJ	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.04	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	**0.092 JN**	0.05 U	0.05 UJ	**0.021 J**	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 UJ	**0.084 J**	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
alpha-chlordane	ND	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	0.05 UJ	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
gamma-Chlordane	ND	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	**0.069 JN**	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
4,4'-DDT (p,p'-DDT)	0.2	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 UJ	0.1 UJ	**0.11 J**	0.1 UJ	0.1 UJ	NA	NA	NA
alpha-Endosulfan (I)	ND	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	0.05 UJ	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
beta-Endosulfan (II)	ND	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	NA	NA	NA
Heptachlor	0.04	NA	NA	0.048 U	NA	NA	0.058 UJ	0.053 UJ	0.058 UJ	0.05 UJ	**0.033 J**	0.05 UJ	0.052 UJ	NA	NA	NA
Heptachlor epoxide	0.03	NA	NA	0.048 U	NA	NA	0.058 U	0.053 U	0.058 U	**0.04 J**	0.05 U	0.05 UJ	0.052 UJ	NA	NA	NA
Herbicides (ug/L)																
Total Herbicides		NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Total Metals (ug/L)																
Aluminum	ND	**71.9**	**93.4**	**541**	**115**	**135**	30 U	30 U	150 U	**307 J**	**308 J**	**4430 J**	**14100 J**	**289 J**	**289 J**	**11700 J**
Antimony	3	2 U	2 U	4 U	2 U	2 U	2 U	2 U	10 U	15 UJ	15 U	15 U	15 U	15 U	15 U	15 U
Arsenic	25	**1.1 J**	2 U	5 U	**1.8 J**	**2.3**	**5.4**	**4.9**	**8.1**	**17.6 J**	**35.2**	**16.4**	**6.6**	15 U	15 U	**11.9**
Barium	1000	**93.2**	**74.7**	**164**	**29**	**132**	**100**	**100**	**200**	**3440**	**131**	**405**	**256**	**157**	**166**	**354**
Beryllium	3*	0.8 U	0.8 U	**0.2 J**	0.8 U	0.8 U	1 U	1 U	5 U	5 UJ	5 U	5 U	**1.1 J**	5 U	5 U	**1.2 J**
Calcium	ND	**148000**	**82000**	**371000**	**49800**	**147000**	**68000**	**68000**	**270000**	**182000**	**98500**	**58200**	**45700**	**109000**	**112000**	**99600**
Chromium	50	4 U	**14.4**	**3.9 J**	4 U	4 U	2 U	2 U	10 U	5 UJ	5 U	**12.1**	**33**	5 U	5 U	**31.7**
Cobalt	ND	**0.79 J**	4 U	10 U	**1.1 J**	**1 J**	**1**	**1.1**	**0.22 J**	**4.2 J**	**0.72 J**	**5.4**	**13**	**0.86 J**	**0.93 J**	**36.3**
Copper	200	4 U	4 U	**7.5 J**	4 U	4 U	**0.85 J**	**0.67 J**	10 U	10 UJ	10 UJ	**44.6 J**	**55.6 J**	**2.6 J**	**2.5 J**	**43.3 J**
Iron	300	**8920**	**129**	**1590 J**	**1670**	**227**	**3900 J**	**3900 J**	**2200 J**	**21100**	**1630**	**8010**	**34900**	**15800**	**16500**	**40400**
Lead	25	1.2 U	1.2 U	**26.1**	1.2 U	**1.1 J**	1 U	1 U	5 U	**189**	**133**	**479**	**24.4**	15 U	15 U	**23.1**
Magnesium	35000*	**65200**	**16800**	**461000 J**	**110000**	**280000**	**10000**	**10000**	**430000**	**208000**	**11100**	**11400**	**13200**	**39700**	**41100**	**38800**
Manganese	300	**278**	**1.7 J**	**58.3**	**154**	**986**	**1200**	**1200**	**230**	**331**	**211**	**1210**	**581**	**2800**	**2900**	**1080**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	**0.52**	0.4 U	0.4 U	0.4 U	0.4 U
Nickel	100	4 U	4 U	**1.8 J**	**115**	**1.2 J**	**1.1**	**1.1**	**1.2 J**	**12 J**	**28.8**	**53.3**	**22.5**	5 U	5 U	**32.4**
Potassium	ND	**5420**	**9260**	**174000**	**68500**	**111000**	**21000**	**22000**	**110000**	**182000 J**	**21900 J**	**107000 J**	**18900 J**	**16700 J**	**17600 J**	**7600 J**
Selenium	10	2.5 U	**1.8 J**	10 U	2.5 U	2.5 U	5 U	5 U	**34**	38 UJ	38 UJ	38 UJ	38 UJ	38 UJ	38 UJ	38 UJ
Sodium	20000	**297000**	**108000**	**3990000 J**	**1860000**	**3670000**	**110000**	**110000**	**3100000**	**3290000 J**	**562000 J**	**1600000 J**	**43400 J**	**118000 J**	**122000 J**	**41400 J**
Tin	ND	16 U	16 U	**67.6**	16 U	16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	ND	4 U	**2.7 J**	10 U	4 U	**2.1 J**	1 U	1 U	**0.8 J**	**7.1 J**	**12.3**	**52.3**	**52.7**	5 U	5 U	**52.9**
Zinc	2000*	16 U	16 U	**41.8**	16 U	16 U	**8.7**	5 U	**43**	**92.2**	**52.4**	**403**	**66**	25 U	25 U	**75.9**
Cyanides (mg/L)																
Total Cyanide	200	**0.093**	**0.063**	NA	**0.14**	**0.039**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide	200	NA	NA	NA	NA	NA	10 U	10 U	**21**	**517**	**166**	**319**	**29.2**	**9.7 J**	**10**	**297**
Other (ug/L)																
Ammonia	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**440**	**1300**	**1200**	**870**

Table 13. Groundwater Analytical Results
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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-SB-21 4 - 14 7/8/2009	Duplicate of WW-SB-21 4 - 14 7/8/2009	WW-SB-21 15 - 25 7/22/2009	WW-SB-21 40 - 50 7/23/2009	WW-SB-22 6 - 16 7/8/2009	WW-SB-22 35 - 45 7/27/2009	WW-SB-22 55 - 65 7/27/2009
BTEX (ug/L)								
Benzene	1	**330**	**370**	**4000**	**8300**	**43**	**1300**	**9600**
Toluene	5	**3.7 J**	**4.5 J**	**2000**	**2700**	5 U	**360**	**1100**
Ethylbenzene	5	**46**	**50**	**850**	**1600**	**1 J**	**160**	**1400**
o-Xylene	5	NA	NA	NA	NA	NA	NA	NA
m/p-Xylene	5	NA	NA	NA	NA	NA	NA	NA
Total Xylene	5	**58**	**65**	**3200**	**1800**	5 U	**290**	**1500**
Total BTEX	ND	**437.7**	**489.5**	**10050**	**14400**	**44**	**2110**	**13600**
Other VOCs (ug/L)								
Acetone	50*	40 U	40 U	500 U	1000 U	10 U	**55 J**	1000 U
Bromodichloromethane	50*	20 U	20 U	250 U	500 U	5 U	50 U	500 U
Carbon disulfide	60*	20 U	20 U	250 U	500 U	5 U	50 U	500 U
Chloroform (Trichloromethane)	7	20 U	20 U	250 U	500 U	5 U	50 U	500 U
Chloromethane	5	20 U	20 U	250 U	500 U	5 U	50 U	500 U
Cyclohexane	ND	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene (o-DCB)	3	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	20 U	20 U	250 U	500 U	5 U	50 U	500 U
1,1-Dichloroethene	5	20 U	20 U	250 U	500 U	5 U	50 U	500 U
cis-1,2-Dichloroethene	5	20 U	20 U	250 U	**130 J**	5 U	**97**	500 U
trans-1,2-Dichloroethene	5	20 U	20 U	250 U	**240 J**	5 U	50 U	500 U
Isopropylbenzene	5	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	50*	40 U	40 U	500 U	1000 U	10 U	100 U	1000 U
Methyl tert-butyl ether (MTBE)	10*	NA	NA	NA	NA	NA	NA	NA
Methylcyclohexane	ND	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	20 U	20 U	250 U	500 UJ	5 U	50 U	500 U
Naphthalene	10*	NA	NA	NA	NA	NA	NA	NA
Styrene	5	20 U	20 U	**400**	500 U	5 U	**16 J**	500 U
Tetrachloroethene (PCE)	5	20 U	20 U	250 U	500 U	5 U	50 U	500 U
Trichloroethene (TCE)	5	**2.9 J**	20 U	250 U	500 U	5 U	50 U	500 U
Vinyl chloride	2	20 U	20 U	250 U	500 U	5 U	**14 J**	500 U
Total VOCs	ND	**440.6**	**489.5**	**10450**	**14770**	**44**	**2292**	**13600**
PAHs (ug/L)								
Acenaphthene	20*	**42**	**58**	**29 J**	**42 J**	**3.1 J**	**40 J**	**82 J**
Acenaphthylene	ND	40 U	**2 J**	**18 J**	**53 J**	**0.66 J**	**24 J**	200 U
Anthracene	50*	**3.3 J**	**4.3 J**	210 U	200 U	**0.59 J**	210 U	200 U
Benzo(a)anthracene	0.002*	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Benzo(k)fluoranthene	0.002*	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Benzo(g,h,i)perylene	ND	40 U	20 U	210 U	200 U	**5.5**	210 U	200 U
Benzo(a)pyrene	ND	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Chrysene	0.002*	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Fluoranthene	50*	40 U	**2.2 J**	210 U	200 U	**0.39 J**	210 U	200 U
Fluorene	50*	**8.1 J**	**11 J**	210 U	**21 J**	**1.2 J**	210 U	200 U
Indeno(1,2,3-cd)pyrene	0.002*	40 U	20 U	210 U	200 U	**5.3**	210 U	200 U
2-Methylnaphthalene	ND	**35 J**	**28**	**180 J**	**280**	4 U	**220**	**220**
Naphthalene	10*	**440 J**	**180 J**	**3400**	**2200**	4 U	**2000**	**2600**
Phenanthrene	50*	**15 J**	**21**	**24 J**	**21 J**	**1.7 J**	210 U	200 U
Pyrene	50*	40 U	**2 J**	210 U	200 U	**0.38 J**	210 U	200 U
Total PAHs	ND	**543.4**	**308.5**	**3651**	**2617**	**18.82**	**2284**	**2902**

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Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-SB-21 4 - 14 7/8/2009	Duplicate of WW-SB-21 4 - 14 7/8/2009	WW-SB-21 15 - 25 7/22/2009	WW-SB-21 40 - 50 7/23/2009	WW-SB-22 6 - 16 7/8/2009	WW-SB-22 35 - 45 7/27/2009	WW-SB-22 55 - 65 7/27/2009
Other SVOCs (ug/L)								
Biphenyl (1,1-Biphenyl)	5							
Bis(2-ethylhexyl)phthalate	5	40 U	20 U	210 U	200 U	**2.8 J**	210 U	200 U
Butyl benzyl phthalate	50*	40 U	20 U	210 U	200 U	**1.8 J**	210 U	200 U
Carbazole	ND	**6 J**	**7.8 J**	210 U	200 U	**0.74 J**	210 U	200 U
Dibenzofuran	ND	40 U	**5.8 J**	210 U	200 U	4 U	210 U	200 U
Diethyl phthalate	50*	40 U	20 U	210 U	200 U	**1.1 J**	210 U	200 U
2,4-Dimethylphenol	50*	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Di-n-butyl phthalate	50	40 U	20 U	210 U	200 U	**0.82 J**	210 U	200 U
1,4-Dioxane	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ND	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	1	40 U	20 U	210 U	200 U	4 U	210 U	200 U
4-Methylphenol (p-Cresol)	1	40 U	20 U	210 U	200 U	4 U	210 U	200 U
Phenol	1	**22 J**	**9.9 J**	210 U	200 U	4 U	210 U	200 U
Total SVOCs	ND	**571.4**	**332**	**3651**	**2617**	**26.08**	**2284**	**2902**
PFAS (ng/L)								
Perfluorobutanesulfonic acid (PFBS)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonamide (FOSA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluoropentanoic Acid (PFPeA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTA/PFTeDA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ND	NA	NA	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorononanoic Acid (PFNA)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ND	NA	NA	NA	NA	NA	NA	NA
Perfluorooctanoic Acid (PFOA)	ND	NA	NA	NA	NA	NA	NA	NA
Total PFAS	ND	NA	NA	NA	NA	NA	NA	NA
PCB Aroclors (ug/L)								
Total PCBs		ND	ND	NA	NA	ND	NA	NA

Table 13. Groundwater Analytical Results
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Sample Name Screen Interval (feet bgs) Sample Date	NYS AWQS	WW-SB-21 4 - 14 7/8/2009	Duplicate of WW-SB-21 4 - 14 7/8/2009	WW-SB-21 15 - 25 7/22/2009	WW-SB-21 40 - 50 7/23/2009	WW-SB-22 6 - 16 7/8/2009	WW-SB-22 35 - 45 7/27/2009	WW-SB-22 55 - 65 7/27/2009
Pesticides (ug/L)								
Aldrin	ND	**0.028 J**	**0.044 J**	NA	NA	0.05 U	NA	NA
alpha-BHC (Hexachlorocyclohexane)	0.01	0.05 U	0.05 U	NA	NA	0.05 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)	0.04	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)	0.04	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
alpha-chlordane	ND	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
gamma-Chlordane	ND	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
4,4'-DDT (p,p'-DDT)	0.2	0.1 U	0.1 UJ	NA	NA	0.1 U	NA	NA
alpha-Endosulfan (I)	ND	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
beta-Endosulfan (II)	ND	**0.035 J**	0.1 UJ	NA	NA	0.1 U	NA	NA
Heptachlor	0.04	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
Heptachlor epoxide	0.03	0.05 U	0.05 UJ	NA	NA	0.05 U	NA	NA
Herbicides (ug/L)								
Total Herbicides		ND	ND	NA	NA	ND	NA	NA
Total Metals (ug/L)								
Aluminum	ND	250 U	250 U	**3260**	**869**	**411 J**	**1010 J**	**4900 J**
Antimony	3	15 UJ	15 UJ	15 UJ	15 U	15 U	15 U	15 U
Arsenic	25	**14.8 J**	**10.4 J**	**4.9 J**	15 U	**8.4 J**	15 U	15 U
Barium	1000	**789**	**810**	**726**	**98.5**	**200**	**528**	**293**
Beryllium	3*	5 U	5 U	**0.29 J**	5 U	5 U	5 U	**0.64 J**
Calcium	ND	**32300**	**33700**	**41000**	**66900**	**137000**	**296000**	**85400**
Chromium	50	5 UJ	5 UJ	**7.6 J**	**1.1 J**	5 U	**4 J**	**20**
Cobalt	ND	**11.7 J**	**11.5 J**	**13.9 J**	**1.6 J**	**1.6 J**	**1 J**	**5.3**
Copper	200	10 U	10 U	10 UJ	10 U	10 R	**4.7 J**	**33.1 J**
Iron	300	**2320**	**2390**	**8890**	**2420**	**3390**	**22400**	**21000**
Lead	25	15 UJ	15 UJ	15 UJ	15 U	15 U	15 U	**9.9**
Magnesium	35000*	**256000**	**267000**	**261000**	**29100**	**34100**	**62500**	**39300**
Manganese	300	**135**	**139**	**332**	**452**	**1820**	**6270**	**466**
Mercury	0.7	0.4 U	0.4 U	0.2 U	0.2 U	0.4 U	0.4 U	0.4 U
Nickel	100	5 U	5 U	**4.7 J**	5 U	**1.6 J**	**3.8 J**	**8.7**
Potassium	ND	**123000 J**	**126000 J**	**115000**	**15500**	**16700 J**	**32000 J**	**14800 J**
Selenium	10	38 UJ	38 UJ	38 UJ	38 U	38 UJ	38 UJ	38 UJ
Sodium	20000	**208000 J**	**217000 J**	**205000**	**56500**	**93500 J**	**842000 J**	**106000 J**
Tin	ND	NA	NA	NA	NA	NA	NA	NA
Vanadium	ND	**3.4 J**	**3.7 J**	**14.8 J**	**4.2 J**	**3.8 J**	**3.1 J**	**15.8**
Zinc	2000*	25 U	25 U	25 U	25 U	25 U	**7.3 J**	**26.7**
Cyanides (mg/L)								
Total Cyanide	200	NA	NA	NA	NA	NA	NA	NA
Total Cyanide	200	**3540**	**3900**	**3140**	**58.6**	**60.9**	**40**	**95.4**
Other (ug/L)								
Ammonia	2000	**610**	**600**	**960**	**3800**	**960**	**7600**	**9200**

Table 13. Groundwater Analytical Results
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Notes:

mg/L = milligrams per liter
ng/L = nanogram per liter (ppt)
ug/L = micrograms per liter or parts per billion (ppb)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
PFAS = Per- and polyfluoroalkyl substances
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total VOCs, Total PAHs, Total SVOCs, and Total PCBs are calculated using detects only.
Total PAHs are calculated using the list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, 2-Methylnaphthalene, Phenanthrene, and Pyrene

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard

NA = Not Analyzed
ND = Not Detected
NE = Not Established

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the NYS AWQS

Validation Qualifiers:

J = The result is an estimated value.
JN = The analyte is presumptively present at an approximated quantity.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Table 14. Detected Indoor/Outdoor Air and Sub-Slab Vapor Analytical Results
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Sub-Slab Soil Vapor					Indoor Air						Outdoor Air
			NYSDOH Decision Matrix Sub-Slab Vapor Value	NYSDOH Decision Matrix Sub-Slab Vapor Value	WW-SV-01	WW-SV-02	Duplicate of WW-SV-02	NYSDOH Air Guidance Value	NYSDOH Decision Matrix Indoor Air Value	NYSDOH Decision Matrix Indoor Air Value	WW-IA-01	Duplicate of WW-IA-01	WW-IA-02	WW-OA-01
BTEX (ug/m3)														
Benzene	D	NFA	60	600	**0.29**	**0.29**	**0.3**	NE	2	10	**3.7**	**3**	**1.9**	**1.2**
Toluene	F	**Identify Source(s) and Resample or Mitigate**	300	3000	**15**	**15**	**17**	NE	10	50	**450**	**370**	**410**	**5**
Ethylbenzene	D	NFA	60	600	**1.2**	**0.65**	**0.67**	NE	2	10	**2.5 J**	**1.1 J**	**1.6**	**0.88**
Xylene, m,p-	E	NFA	200	2000	**4.2**	**2.4**	**2.7**	NE	6	20	**7.3 J**	**2.4 J**	**4.9**	**2.9**
Xylene, o-	D	NFA	60	600	**1.4**	**0.93**	**1**	NE	2	10	**2.2 J**	**0.68 J**	**1.5**	**0.85**
Other VOCs (ug/m3)														
Acetaldehyde	NA	NA	NE	NE	7.2 UJ	7.2 UJ	**16 J**	NE	NE	NE	**12 J**	**8.8 J**	7.2 UJ	7.2 UJ
Acetone	NA	NA	NE	NE	**7.6**	**3.8 J**	**22 J**	NE	NE	NE	**27**	**21**	**18**	**15**
Acrolein (propenal)	NA	NA	NE	NE	**0.43 J**	**0.36 J**	**1.6 J**	NE	NE	NE	**2.2**	**1.7**	**1.2**	**1.1**
Bromomethane	NA	NA	NE	NE	0.31 U	0.31 U	0.31 U	NE	NE	NE	0.31 U	**0.06 J**	**0.061 J**	0.31 U
Butane	NA	NA	NE	NE	**1**	**0.42**	**0.37**	NE	NE	NE	**30**	**25**	**10**	**4.7**
Butanone, 2-	NA	NA	NE	NE	**1.1 J**	**0.79 J**	**3.2 J**	NE	NE	NE	**3.8**	**2.8**	**2.2**	**1.9**
Carbon disulfide	NA	NA	NE	NE	**0.13 J**	**0.23 J**	**0.11 J**	NE	NE	NE	**0.17 J**	**0.062 J**	**0.046 J**	**0.04 J**
Carbon tetrachloride	A	NFA	6	60	**0.89**	0.5 U	0.5 U	NE	0.2	1	**0.67**	**0.51**	**0.54**	**0.55**
Chloroethane	NA	NA	NE	NE	0.21 U	0.21 U	0.21 U	NE	NE	NE	0.21 U	**0.04 J**	0.21 U	0.21 U
Chloroform	NA	NA	NE	NE	**2**	**0.64**	**0.83**	NE	NE	NE	**1**	**0.85**	**0.77**	**0.2 J**
Chloromethane	NA	NA	NE	NE	**0.19 J**	**0.17 J**	**0.26 J**	NE	NE	NE	**1.5**	**1.3**	**1.3**	**1.1**
Cyclohexane	D	NFA	60	600	**0.27 J**	**0.15 J**	**0.21 J**	NE	2	10	**1.1**	**0.88**	**0.62 J**	**0.32 J**
Decane, n-	NA	NA	NE	NE	**2.9**	**2.9**	**3.5**	NE	NE	NE	**2.1 J**	**0.23 J**	**6.3**	**1.3 J**
Dichlorobenzene, 1,2-	NA	NA	NE	NE	**0.23 J**	**0.88 J**	**0.22 J**	NE	NE	NE	0.48 U	0.48 U	0.48 U	0.48 U
Dichlorobenzene, 1,3-	NA	NA	NE	NE	**0.43 J**	**0.37 J**	**1.5 J**	NE	NE	NE	0.48 U	0.48 U	0.48 U	0.48 U
Dichlorobenzene, 1,4-	NA	NA	NE	NE	0.48 U	**0.23 J**	0.48 U	NE	NE	NE	**0.16 J**	0.48 U	**0.2 J**	0.48 U
Dichlorodifluoromethane	NA	NA	NE	NE	**1.9**	**0.95 J**	**1.7 J**	NE	NE	NE	**3.9**	**3.3**	**3.4**	**3.4**
Dichloroethane, 1,1-	NA	NA	NE	NE	0.32 U	**0.082 J**	**0.1 J**	NE	NE	NE	0.32 U	0.32 U	0.32 U	0.32 U
Dichloroethane, 1,2-	NA	NA	NE	NE	0.32 U	0.32 U	0.32 U	NE	NE	NE	**0.11 J**	0.32 U	0.32 U	0.32 U
Dodecane, n-	NA	NA	NE	NE	**0.31 J**	**2.8**	**2.8**	NE	NE	NE	2.8 U	2.8 U	**0.37 J**	2.8 U
Ethanol	NA	NA	NE	NE	**5.3 J**	**2.3 J**	**3.3 J**	NE	NE	NE	**41 J**	**34 J**	**27 J**	**12 J**
Ethyl toluene, 4- (Ethyltoluene, p-)	NA	NA	NE	NE	**2**	0.79 U	0.79 U	NE	NE	NE	**0.75 J**	0.79 U	**0.75 J**	**0.42 J**
Freon-113 (Trichloro-1,2,2-trifluoroethane, 1,1,2-)	NA	NA	NE	NE	**0.51 J**	**0.97**	**1.2**	NE	NE	NE	**0.64**	**0.54 J**	**0.55 J**	**0.52 J**
Freon-114 (Cryofluorane)	NA	NA	NE	NE	0.56 U	0.56 U	0.56 U	NE	NE	NE	**0.31 J**	**0.29 J**	**0.27 J**	**0.36 J**
Heptane, n-	E	NFA	200	2000	**0.24 J**	**0.18 J**	**0.23 J**	NE	6	20	**7.8 J**	**4.8 J**	**2.2**	**1.2**
Hexane, n-	E	NFA	200	2000	**1.2**	**0.94**	**0.95**	NE	6	20	**3.2**	**3.1**	**2.4**	**2**
Hexanone,2-	NA	NA	NE	NE	**0.18 J**	0.82 U	**0.61 J**	NE	NE	NE	**0.41 J**	**0.23 J**	**0.15 J**	**0.11 J**
Indan	NA	NA	NE	NE	**0.41 J**	0.39 UJ	0.39 UJ	NE	NE	NE	0.39 UJ	0.39 UJ	0.39 UJ	0.39 UJ
Isopropyl Alcohol (Propanol, 2-)	NA	NA	NE	NE	**0.69 J**	**0.27 J**	**0.43 J**	NE	NE	NE	**42**	**33**	**24**	**2.5**
Methyl-2-pentanone,4-	NA	NA	NE	NE	**0.17 J**	0.82 U	**0.21 J**	NE	NE	NE	**0.58 J**	**0.42 J**	**0.43 J**	**0.31 J**
Methylene chloride	B	NFA	100	1000	**2.8**	0.77 U	0.72 U	60	3	10	1.1 UJ	**2.2 J**	**1.6**	**1.9**
Naphthalene	D	NFA	60	600	1 U	1 U	**0.21 J**	NE	2	10	1 U	1 U	1 U	1 U
Nonane	NA	NA	NE	NE	**0.46 J**	**0.36 J**	**0.41 J**	NE	NE	NE	**1.3 J**	**0.18 J**	**1.8**	**0.66 J**
Octane, n-	NA	NA	NE	NE	**0.28 J**	**0.19 J**	**0.24 J**	NE	NE	NE	**0.85**	**0.33 J**	**0.6 J**	**0.34 J**
Pentane	NA	NA	NE	NE	**0.31 J**	**0.17 J**	**0.14 J**	NE	NE	NE	**4.9**	**4.2**	**3.2**	**1.9**
Styrene	NA	NA	NE	NE	**0.15 J**	**0.1 J**	**0.13 J**	NE	NE	NE	**0.37**	**0.1 J**	**0.21 J**	**0.1 J**
Tertiary butyl Alcohol (t-Butyl alcohol)	NA	NA	NE	NE	**0.13 J**	**0.048 J**	**0.13 J**	NE	NE	NE	**0.17 J**	**0.069 J**	**0.063 J**	**0.061 J**
Tetrachloroethene (PCE)	B	**Identify Source(s) and Resample or Mitigate**	100	1000	**78**	**5.5**	**6.4**	100	3	10	**110 J**	**78 J**	**88**	**1.8**
Trichloroethane, 1,1,1-	B	NFA	100	1000	**7**	**8.1**	**10**	NE	3	10	**0.095 J**	**0.076 J**	**0.077 J**	**0.079 J**
Trichloroethene (TCE)	A	**Identify Source(s) and Resample or Mitigate**	6	60	**1.9**	**0.13 J**	**0.12 J**	5	0.2	1	**12**	**9.2**	**9.9**	**0.16 J**
Trichlorofluoromethane	NA	NA	NE	NE	**1.4**	**1.6**	**1.9**	NE	NE	NE	**1.7**	**1.6**	**1.6**	**1.6**
Trimethylbenzene, 1,2,3-	NA	NA	NE	NE	**0.74 J**	**0.58 J**	**0.74 J**	NE	NE	NE	**0.45 J**	0.39 UJ	**0.9 J**	0.39 UJ
Trimethylbenzene, 1,2,4-	D	NFA	60	600	**4.4**	**3.4**	**4.4**	NE	2	10	**1.5 J**	**0.24 J**	**2.7**	**0.99**
Trimethylbenzene, 1,3,5-	D	NFA	60	600	**1.4**	**0.8**	**1.2**	NE	2	10	**0.52**	0.39 U	**0.75**	**0.29 J**
Trimethylpentane, 2,2,4-	D	NFA	60	600	**0.23 J**	**0.12 J**	**0.14 J**	NE	2	10	**1.7**	**1.3**	**0.93**	**0.58 J**
Undecane, n-	NA	NA	NE	NE	**1.7 J**	**3.6**	**5.3**	NE	NE	NE	**0.88 J**	2.6 U	**3.3**	**0.58 J**

Table 14. Detected Indoor/Outdoor Air and Sub-Slab Vapor Analytical Results
Remedial Investigation Report
K - Williamsburg Works
Brooklyn, New York

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Sub-Slab Soil Vapor					Indoor Air						Outdoor Air
			NYSDOH Decision Matrix Sub-Slab Vapor Value	NYSDOH Decision Matrix Sub-Slab Vapor Value	WW-SV-01	WW-SV-02	Duplicate of WW-SV-02	NYSDOH Air Guidance Value	NYSDOH Decision Matrix Indoor Air Value	NYSDOH Decision Matrix Indoor Air Value	WW-IA-01	Duplicate of WW-IA-01	WW-IA-02	WW-OA-01
Other (%)														
Helium	NA	NA	NE	NE	0.21 U	0.19 U	0.18 U	NE	NE	NE	NA	NA	NA	NA

Notes:
Samples were collected on November 18, 2009
ug/m^3 - micrograms per cubic meter
BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes (a subset of VOCs)
VOCs - Volatile Organic Compounds
NE - Not Established
NA - Not Analyzed
Bolding indicates a detection
Shading and bolding indicates that the detected concentration is above the guidance or decision matrix value it was compared to
New York State Department of Health (NYSDOH) Air Guidance Value, October 2006.

Data Qualifiers:
U - Not detected at or above the reporting limit shown
UJ - Not detected at or above the reporting limit shown and the reporting limit is estimated
J - Estimated value

Sample Designations:
WW-IA-01: Indoor air sample collected from the eastern corner of the 35 Kent Avenue building
WW-IA-02: Indoor air sample collected from the north west portion of the 35 Kent Avenue building
Duplicate of WW-IA-01 : Duplicate indoor air sample collected from the eastern corner of the 35 Kent Avenue building
WW-OA-01 - Outdoor: Ambient air sample collected outside the 35 Kent Avenue building on the corner of North 12th Street and Kent Avenue
WW-SV-01: Sub-slab vapor sample collected beneath the floor slab in the southern portion of the 35 Kent Avenue building (Parcel 1)
WW-SV-02: Sub-slab vapor sample collected beneath the floor slab in the central portion of the 35 Kent Avenue building (Parcel 1)
Duplicate of WW-SV-02: Duplicate sub-slab vapor sample collected beneath the floor slab in the central portion of the 35 Kent Avenue building (Parcel 1)

Table 15. Detected Ambient Air and Soil Vapor Analytical Results
Remedial Investigation Report
K - Williamsburg Works Site
Brooklyn, New York

	Soil Vapor							Outdoor Air
Sample Name	WW-SV-200	Duplicate of WW-SV-200	WW-SV-201	WW-SV-202	WW-SV-203	WW-SV-204	WW-SV-205	AA-01
Sample Date	10/27/2022	10/27/2022	11/14/2022	11/14/2022	10/27/2022	10/6/2022	10/6/2022	10/6/2022
BTEX (ppbv)								
Benzene	0.1 U	**0.14**	**4.8**	**1.5**	**17**	**0.43**	**5**	**0.17**
Toluene	**0.3**	**0.82**	**2.7**	**0.98**	**1.4**	**0.48**	**3**	**0.32**
Ethylbenzene	**0.1**	**0.064 J**	**350**	**180**	**0.27**	**0.18 J**	**1.7**	**0.27**
o-Xylene	**0.14**	**0.092 J**	**490**	**300**	**0.26**	**0.23**	**1**	**0.35**
m/p-Xylene	**0.51**	**0.28**	**1700**	**1200**	**0.48**	**0.45**	**2.3**	**0.88**
Other VOCs (ppbv)								
Acetone	**5.1**	**7.4**	**2600**	**1400**	4 U	8 UJ	8 U	**4.3**
Carbon disulfide	**0.13 J**	1 U	5 U	**1.1 J**	**0.42 J**	2 UJ	**0.26 J**	0.35 U
Carbon tetrachloride	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.2 U	0.2 U	**0.087**
Chloroethane	0.1 U	0.1 U	0.5 U	0.5 U	**0.11**	0.2 UJ	0.2 U	0.035 U
Chloroform (Trichloromethane)	**1.2**	**0.94**	0.5 U	0.5 U	0.1 U	0.2 UJ	0.2 U	**0.035**
Chloromethane	**0.19 J**	**0.28**	**0.46 J**	1 U	**0.17 J**	0.4 UJ	0.4 U	**0.54**
Cyclohexane	**0.21**	**0.11**	0.5 U	0.5 U	**14**	0.2 U	**28**	**0.041**
Dichlorodifluoromethane (Freon 12)	**0.37**	**0.42**	0.5 U	0.5 U	**1.2**	0.2 UJ	**1.6**	**0.53**
1,1-Dichloroethane	0.1 U	0.1 U	0.5 U	0.5 U	**0.47**	0.2 UJ	0.2 U	0.035 U
1,2-Dichloroethane	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.2 UJ	**0.25**	0.035 U
1,1-Dichloroethene	0.1 U	0.1 U	0.5 U	0.5 U	**5.2**	0.2 UJ	0.2 U	0.035 U
cis-1,2-Dichloroethene	0.1 U	0.1 U	0.5 U	0.5 U	**39**	0.2 UJ	**0.36**	0.035 U
trans-1,2-Dichloroethene	0.1 U	0.1 U	0.5 U	0.5 U	**1.1**	0.2 U	0.2 U	0.035 U
Ethanol	**2.9 J**	**18 J**	20 U	20 U	**4.4 J**	8 UJ	**19**	**15**
Ethyl acetate	1 U	**2.5**	5 U	5 U	1 U	2 UJ	2 U	**0.24 J**
4-Ethyltoluene (p-Ethyltoluene)	0.1 U	0.1 U	0.5 U	0.5 U	**0.092 J**	0.2 U	**0.23**	0.035 U
n-Heptane (C7)	**0.064 J**	0.1 U	**24**	**1.6**	**4.7**	0.2 U	**30**	**0.093**
n-Hexane (C6)	4 U	**3.9 J**	20 U	20 U	**39**	8 UJ	**150**	**0.39 J**
2-Hexanone	**0.14**	0.1 U	0.5 U	0.5 U	0.1 U	0.2 U	0.2 U	0.035 U
Methyl ethyl ketone (2-Butanone)	4 U	4 U	20 U	20 U	**3 J**	8 UJ	**2.6 J**	1.4 U
4-Methyl-2-pentanone (MIBK)	0.1 U	**0.15**	0.5 U	0.5 U	0.1 U	0.2 UJ	0.2 UJ	0.035 UJ
Methylene chloride	1 U	**4.6**	5 U	5 U	1 U	2 UJ	2 U	0.35 U
Naphthalene	**0.44**	**0.28**	0.5 U	0.5 U	**0.93**	**0.15 J**	**0.26 J**	0.035 UJ
2-Propanol (Isopropyl Alcohol)	4 U	**3.2 J**	20 U	20 U	**2.8 J**	8 UJ	8 U	1.3 U
Styrene	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.2 U	**0.22**	0.035 U
Tetrachloroethene (PCE)	**3**	**2.3**	0.5 U	**3.2**	**0.6**	**0.64**	**0.5**	0.035 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.4 U	0.4 U	2 U	2 U	0.4 U	0.8 UJ	0.8 U	**0.061 J**
1,1,1-Trichloroethane (TCA)	**0.1**	**0.12**	0.5 U	0.5 U	0.1 U	0.2 U	0.2 U	0.035 U
Trichloroethene (TCE)	0.1 U	0.1 U	**1.9**	**0.78**	**12**	0.2 U	**0.62**	0.035 U
Trichlorofluoromethane (Freon 11)	**0.38 J**	**0.36 J**	2 U	2 U	0.4 U	0.8 UJ	**0.26 J**	**0.24**
1,2,4-Trimethylbenzene	**0.094 J**	**0.066 J**	**0.45 J**	**0.34 J**	**0.24**	**0.2**	**0.54**	**0.04**
1,3,5-Trimethylbenzene	0.1 U	0.1 U	0.5 U	0.5 U	**0.072 J**	0.2 U	**0.17 J**	0.035 U
Vinyl chloride	0.1 U	0.1 U	0.5 U	0.5 U	**11**	0.2 UJ	0.2 U	0.035 U

Table 15. Detected Ambient Air and Soil Vapor Analytical Results
Remedial Investigation Report
K - Williamsburg Works Site
Brooklyn, New York

Notes:
ppbv = parts per billion by volume

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
VOC = Volatile Organic Compound

Bolding indicates a detected result concentration

Validation Qualifiers:
J = The result is an estimated value.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Figures

Figure 1 Site Location Map

Figure 2 Remedial Investigation Parcel Identification Map

Figure 3 Historic Non-MGP Structures and Petroleum Plume Locations

Figure 4 1905 Historical Structures

Figure 5 1916 Historical Structures

Figure 6 1978 Historical Structures

Figure 7 Environmental Records

Figure 8 Clay Surface Elevation Contour Map

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Figure 10 November 2, 2009 Low Tide Groundwater Surface Elevation Contours

Figure 11 December 19, 2012 High Tide Groundwater Surface Elevation Contours

Figure 12 December 19, 2012 Low Tide Groundwater Surface Elevation Contours

Figure 13 March 8, 2023 High Tide Groundwater Surface Elevation Contours

Figure 14 March 8, 2023 Low Tide Groundwater Surface Elevation Contours

Figure 15 September 11, 2024 Low Tide Shallow Groundwater Surface Elevation Contours

Figure 16 September 11, 2024 Low Tide Intermediate Groundwater Surface Elevation Contours

Figure 17 September 11, 2024 Low Tide Deep Groundwater Surface Elevation Contours

Figure 18 Observed Physical Impacts Unsaturated Zone

Figure 19 Observed Physical Impacts Saturated Zone to 30 feet below grade

Figure 20 Observed Physical Impacts Saturated Zone below 30 feet and Above Clay

Figure 21 Observed Physical Impacts Clay and Deeper

Figure 22 Subsurface Soil Analytical Results SCO Exceedances – Unsaturated Soil

Figure 23 Subsurface Soil Analytical Results SCO Exceedances – Saturated Soil Above 30 Feet

Figure 24 Subsurface Soil Analytical Results SCO Exceedances – Saturated Soil Below 30 Feet

Figure 25 Subsurface Soil Analytical Results SCO Exceedances – Within Clay

Figure 26 Sub-Slab Soil Vapor, Indoor Air, and Outdoor Air Analytical Summary

Figure 27 Soil Vapor Analytical Summary – Parcels 3 and 4

Figure 28 Parcel 1 Exceedances Above 30 Feet

Figure 29 Parcel 1 Exceedances Below 30 Feet

Figure 30 Parcel 2 Exceedances Above 30 Feet

Figure 31 Parcel 2 Exceedances Below 30 Feet

Figure 32 Parcel 3 Exceedances Above 30 Feet

Figure 33 Parcel 3 Exceedances Below 30 Feet

Figure 34 Parcel 4 Exceedances Above 30 Feet

Figure 35 Parcel 4 Exceedances Below 30 Feet

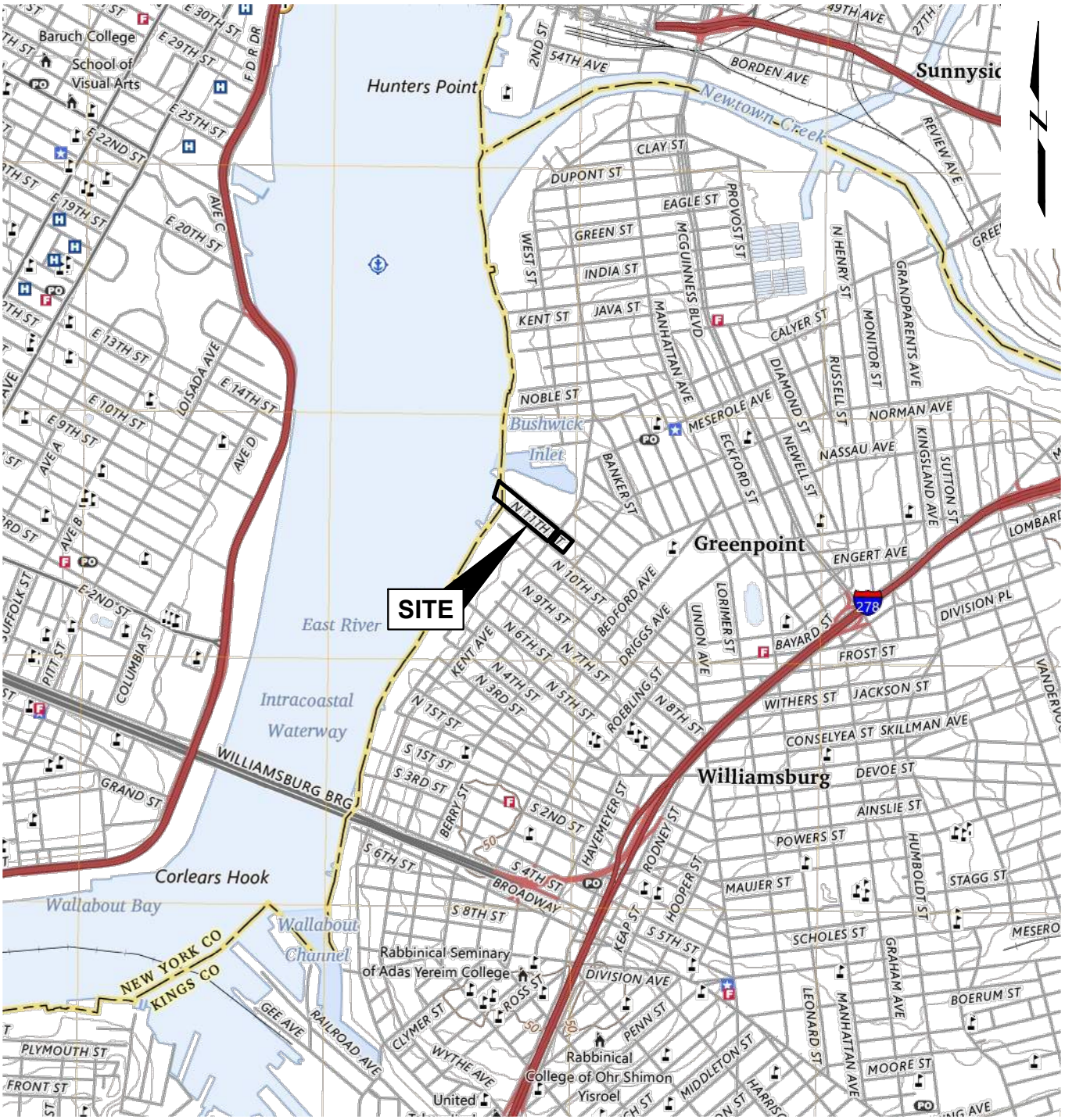
Figure 36 Parcel 5 Exceedances Above 30 Feet

Figure 37 Parcel 5 Exceedances Below 30 Feet

Figure 38 Parcel 6 Exceedances Above 30 Feet

Figure 39 Parcel 6 Exceedances Below 30 Feet

Figure 40 Fish and Wildlife Resources



SOURCE:

USGS TOPOGRAPHIC QUADRANGLE, 7.5 MINUTE SERIES: BROOKLYN, NY 2023
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
10-FOOT CONTOUR INTERVAL

Remedial Investigation Report Williamsburg Works Former MGP Site Borough of Brooklyn, New York	GEI Consultants	SITE LOCATION MAP
nationalgrid	Project 093060	August 2025 Fig. 1

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 - 1996).
3. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
4. NEW YORK CITY DEPARTMENT OF CITY PLANNING, MAP PLUTO PARCELS.

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REMEDIAL INVESTIGATION
PARCEL IDENTIFICATION
MAP

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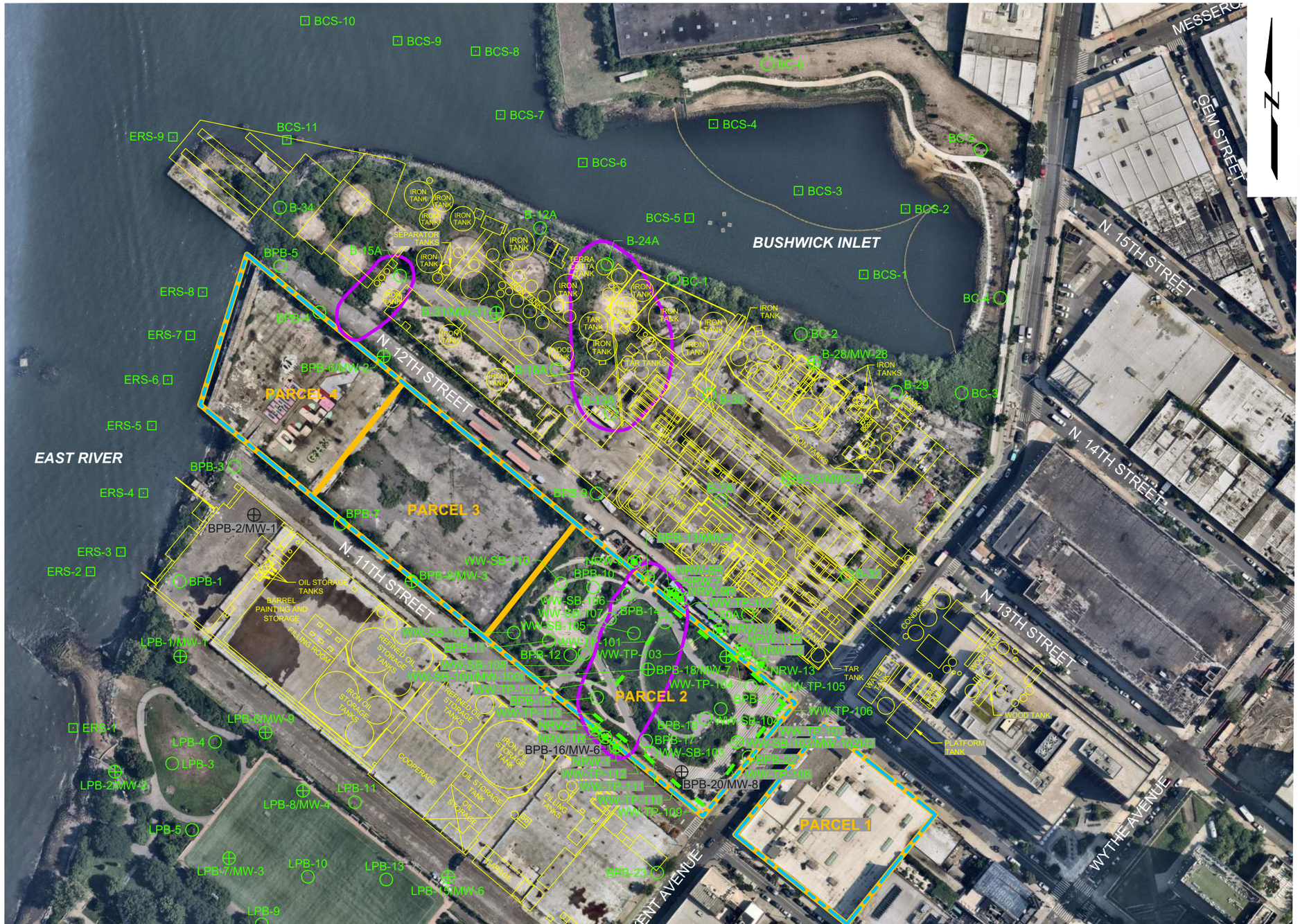

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC NON-MGP STRUCTURES

OTHER INVESTIGATION SAMPLE LOCATIONS

- SOIL BORING [3, 4, 5, 6]
- SEDIMENT CORE [4, 6]
- MONITORING WELL [3, 4, 5]
- ABANDONED / DESTROYED MONITORING WELL
- RECOVERY WELL [7]
- TEST PIT [8]
- PETROLEUM PLUME [5, 6]

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SITE INVESTIGATION REPORT BAYSIDE FUEL OIL COMPANY, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC. NOVEMBER 2006.
4. SITE INVESTIGATION REPORT PROPERTY WEST OF KENT AVENUE BETWEEN AND INCLUDING NORTH 10TH AND NORTH 12TH STREETS, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
5. SITE INVESTIGATION REPORT 9TH STREET EQUITIES, LLC, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., AUGUST 2006.
6. SITE INVESTIGATION REPORT MOTIVA ENTERPRISES, LLC / BUSHWICK CREEK INLET, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
7. URS CORPORATION, NAPL RECOVERY WELLS, CONSTRUCTION COMPLETION REPORT, NOVEMBER 2014.
8. URS CORPORATION, IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC VIA EMAIL ON FEBRUARY 12, 2013.

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HISTORIC NON-MGP STRUCTURES AND PETROLEUM PLUME LOCATIONS

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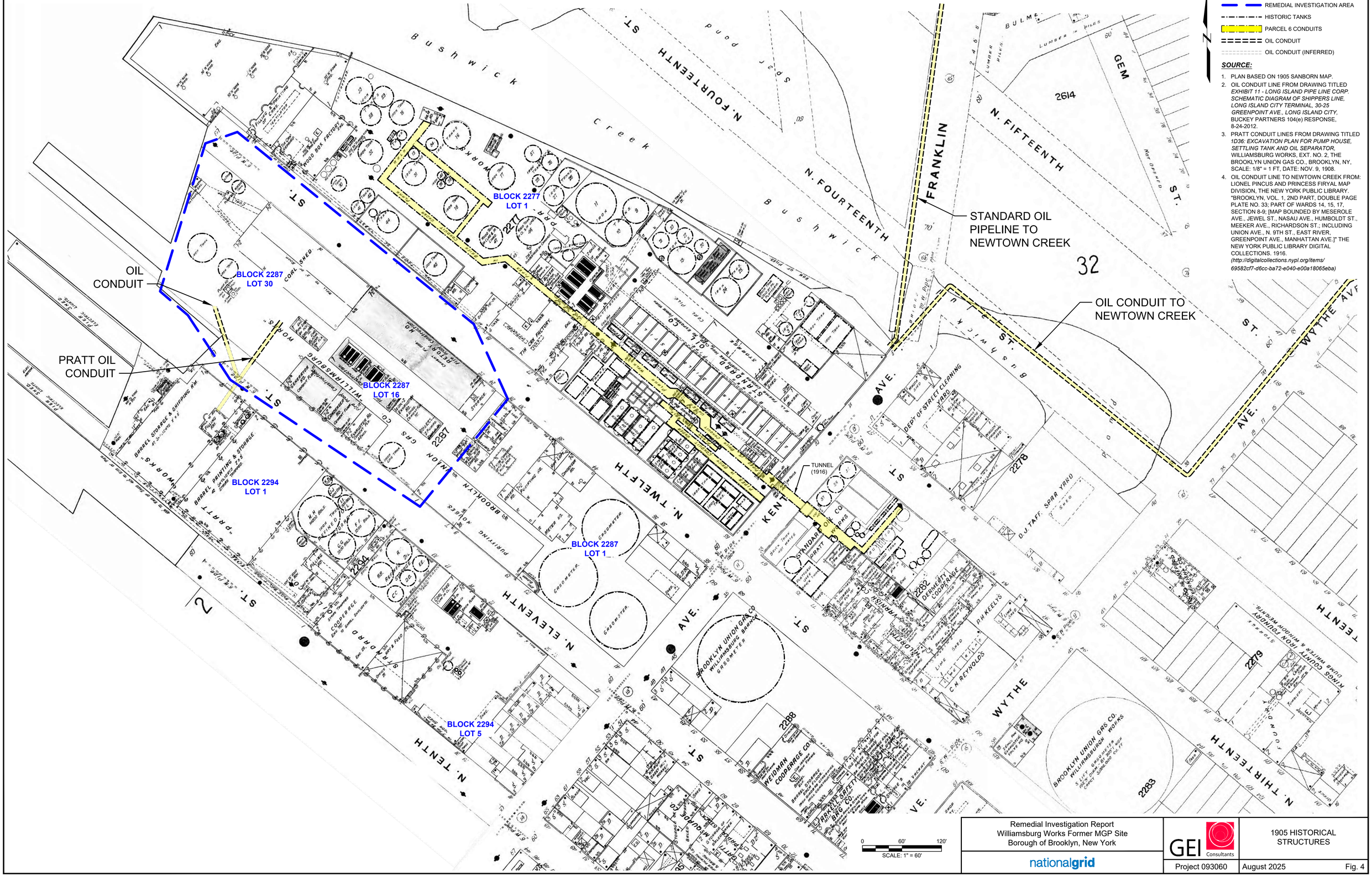

Remedial Investigation Report Williamsburg Works Former MGP Site Borough of Brooklyn, New York	GEI Consultants	1905 HISTORICAL STRUCTURES
nationalgrid	Project 093060	August 2025 Fig. 4

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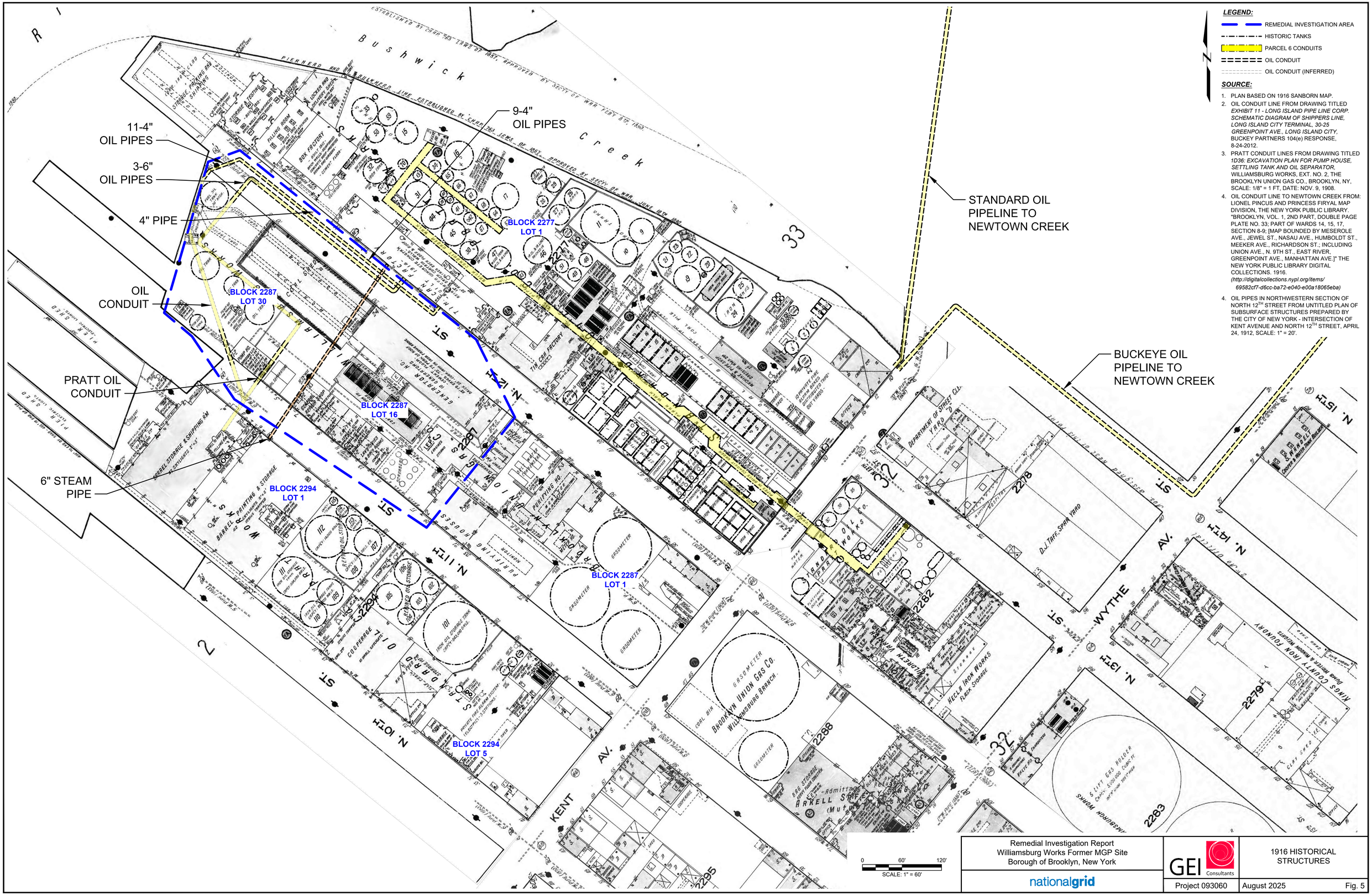

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1916 HISTORICAL STRUCTURES

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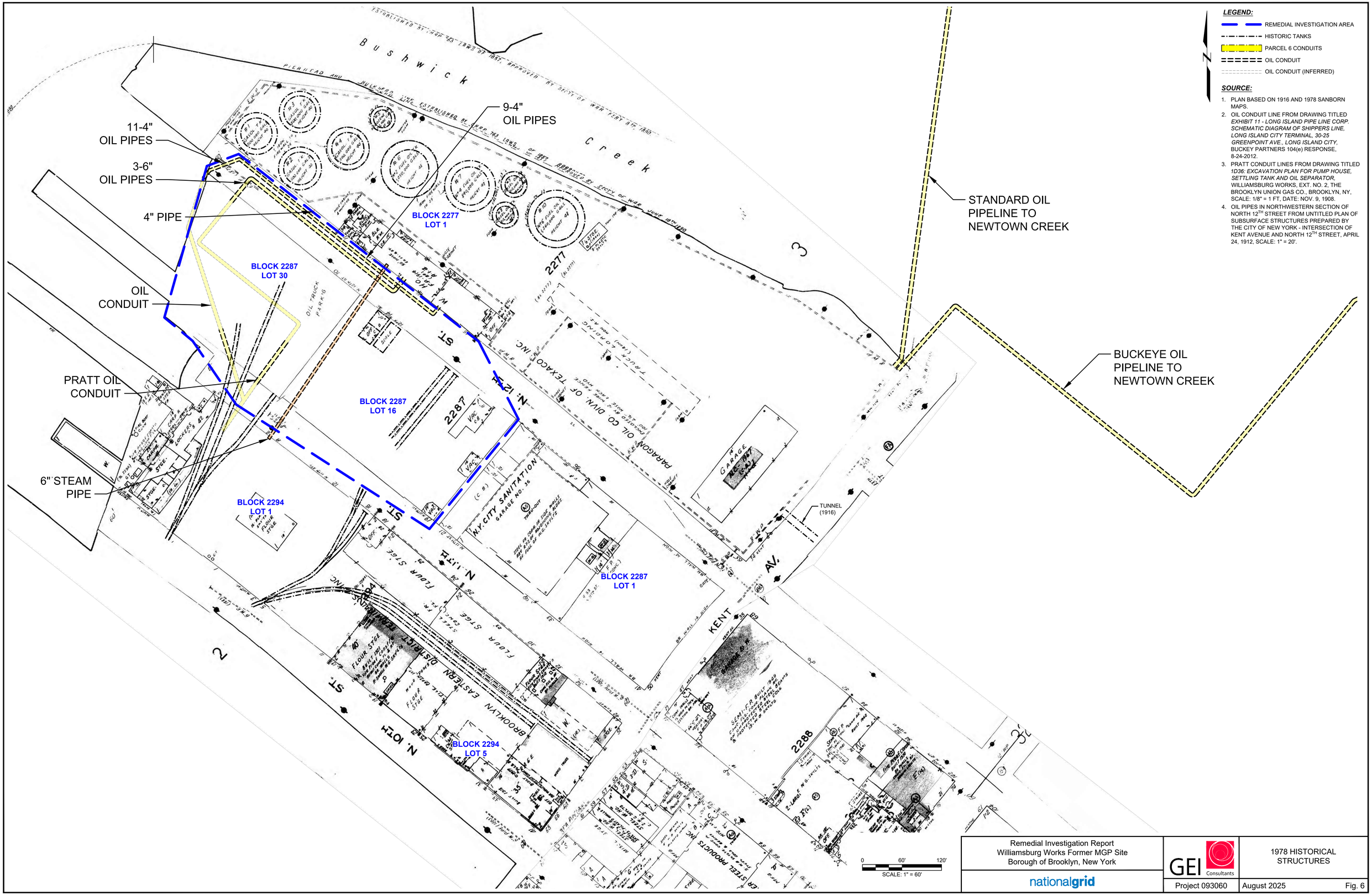

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1978 HISTORICAL STRUCTURES

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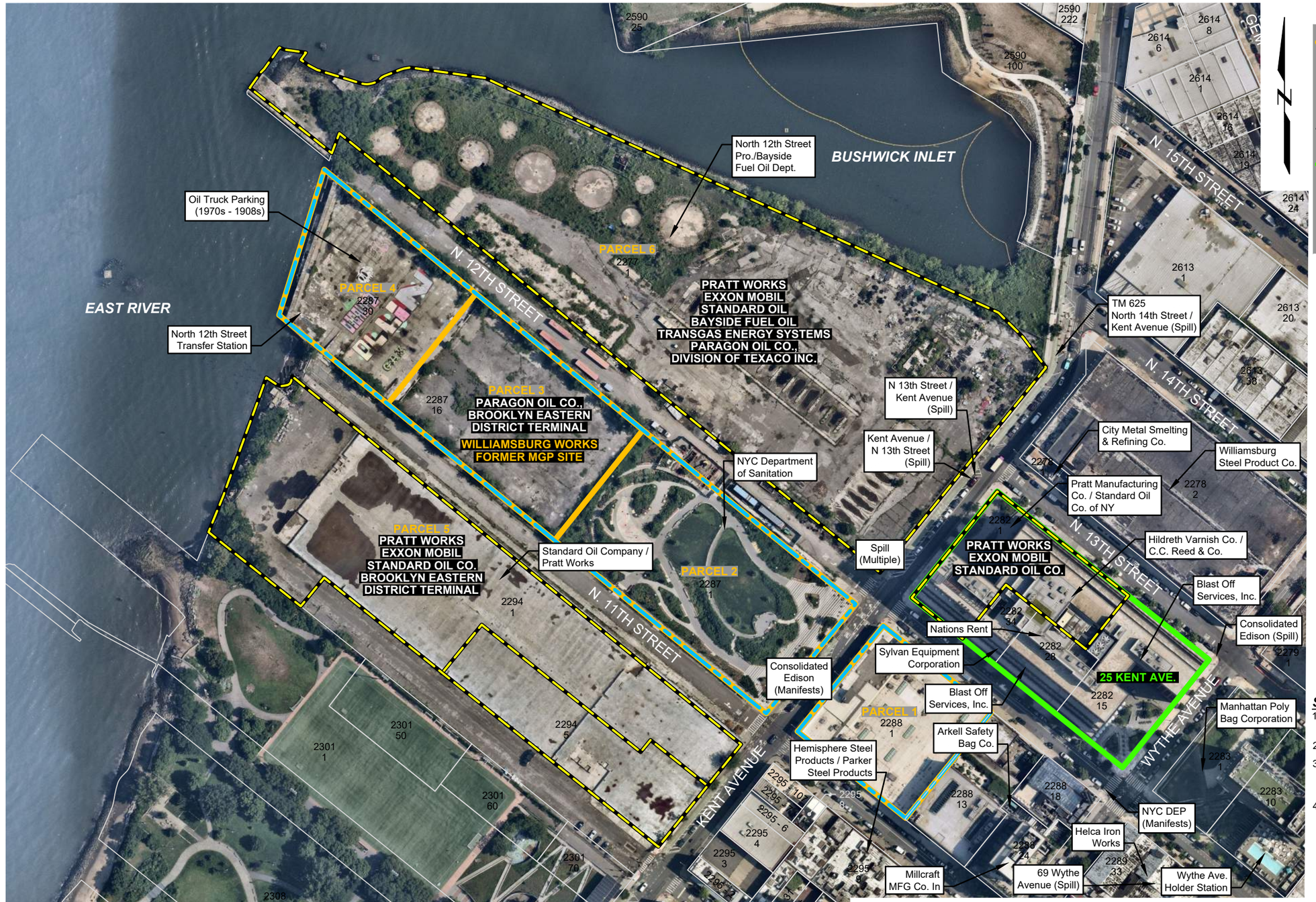

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- FORMER PRATT PROPERTY
- 25 KENT AVENUE
- PARCEL BOUNDARY
- Text — SITE OPERATOR / OWNER

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 - 1996).
3. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
4. NEW YORK CITY DEPARTMENT OF CITY PLANNING, MAP PLUTO PARCELS.

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ENVIRONMENTAL RECORDS

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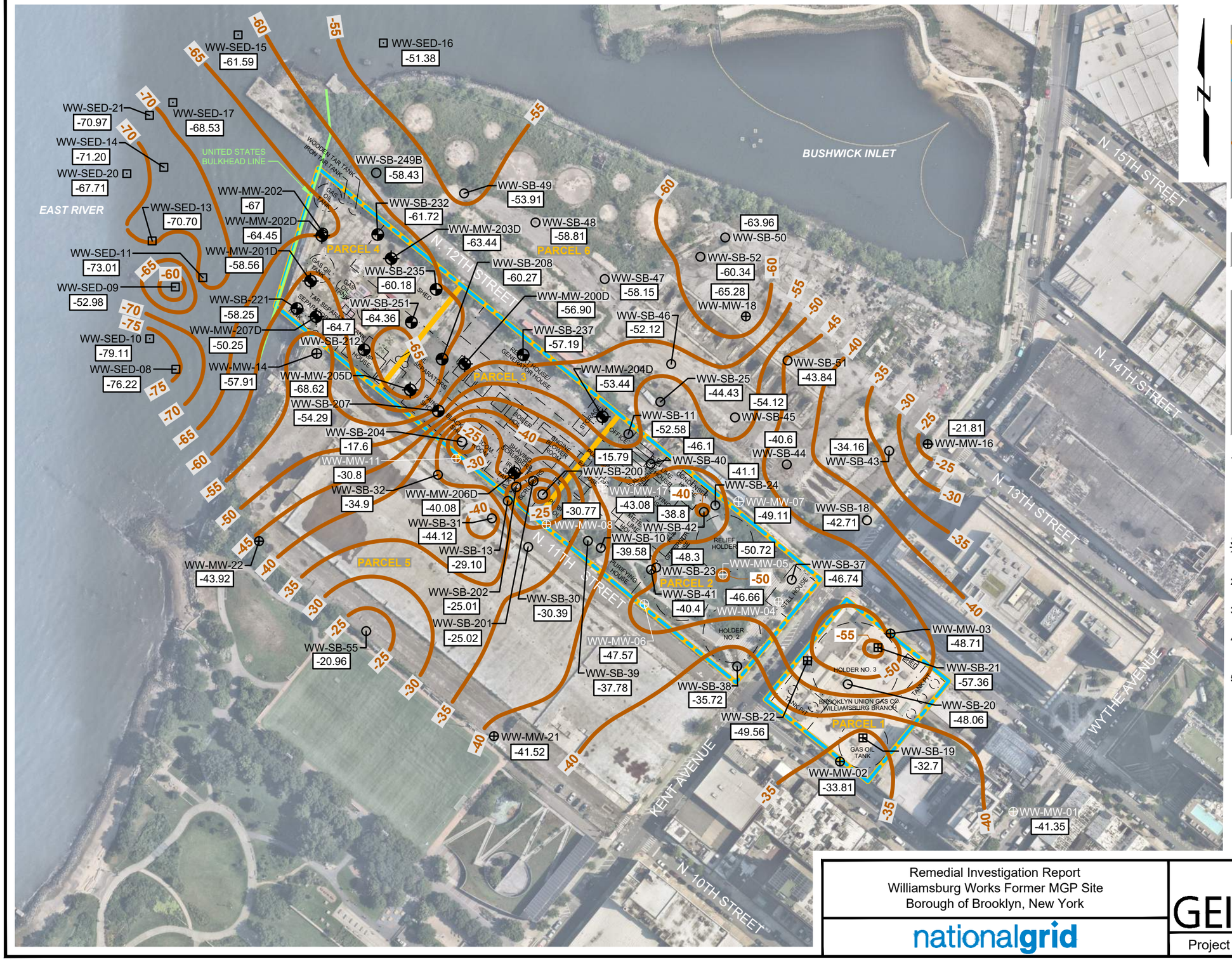

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- -45 CLAY CONTOUR (FEET NAVD88)
- -50.72 CLAY ELEVATION (FEET NAVD88)

2024 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

- DEEP SOIL BORING AND MONITORNG WELL

PREVIOUS REMEDIAL INVESTIGATION SAMPLES

- MONITORING WELL
- ABANDONED/DESTROYED MONITORING WELL
- SOIL BORING WITH TEMPORARY GROUNDWATER POINT
- DEEP SOIL BORING
- SOIL BORING
- SEDIMENT CORE

NOTES:

1. CLAY CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
2. CONTOURS GENERATED USING SURFER CONTOURING AND 3D SURFACE MAPPING SOFTWARE (KRIGING INTERPOLATION).

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
5. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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CLAY SURFACE ELEVATION CONTOUR MAP

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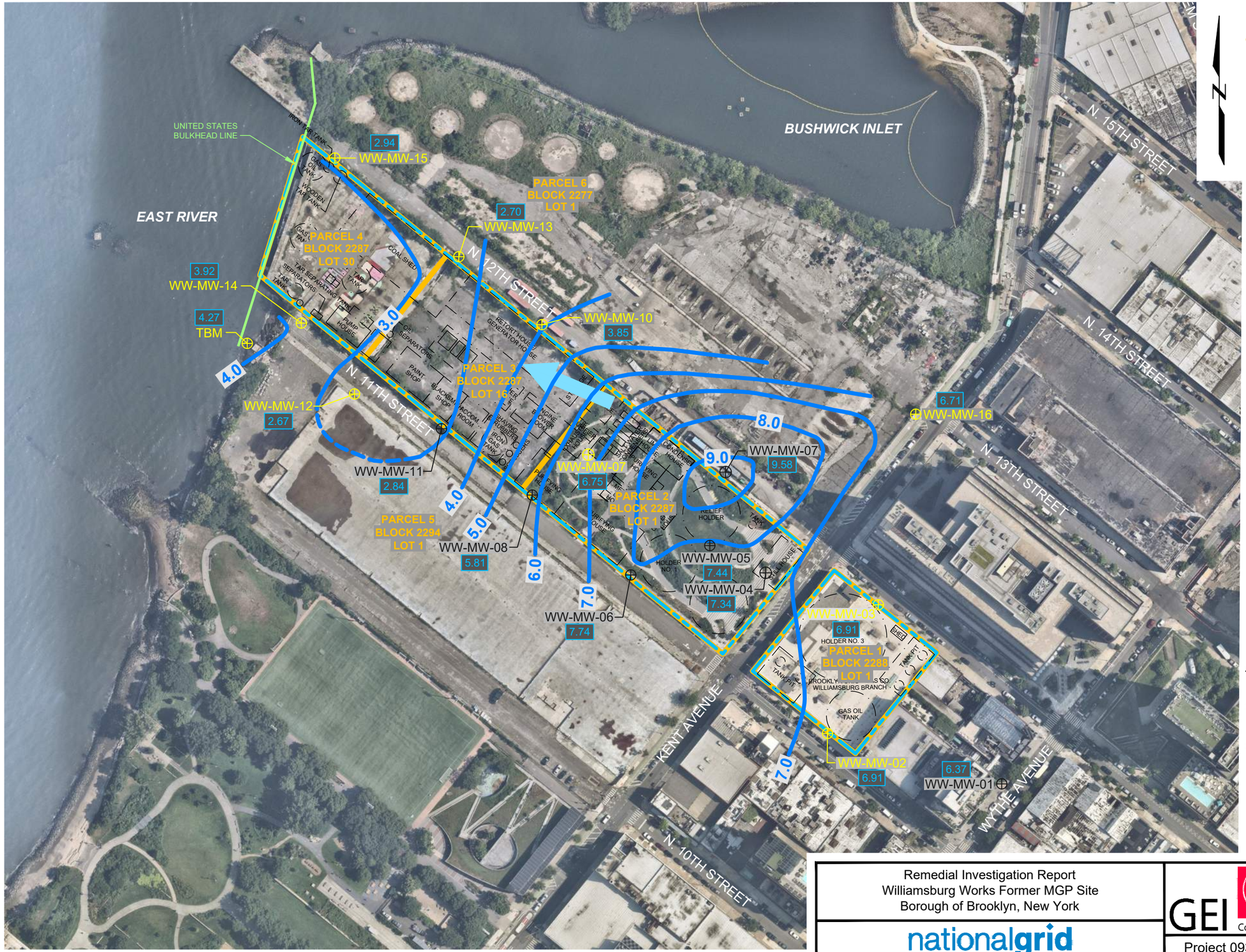

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-02 MONITORING WELL
- WW-MW-04 ABANDONED/DESTROYED MONITORING WELL
- 5.0 GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 6.91 GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 11/02/2009

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON NOVEMBER 2, 2009.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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NOVEMBER 2, 2009 HIGH TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

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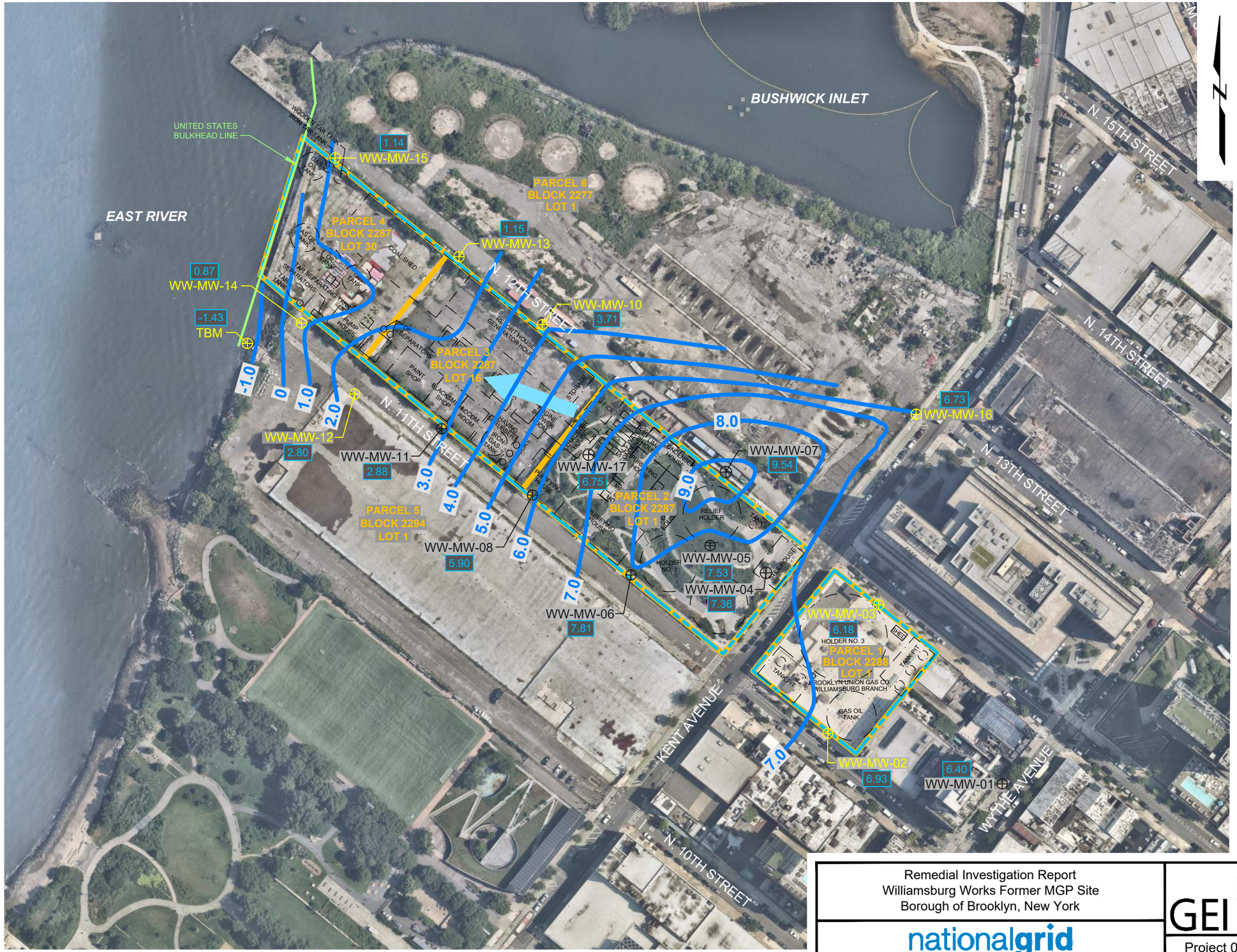

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-02 MONITORING WELL
- WW-MW-04 ABANDONED/DESTROYED MONITORING WELL
- 5.0 GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 6.18 GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 11/02/2009

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON NOVEMBER 2, 2009.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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NOVEMBER 2, 2009 LOW TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

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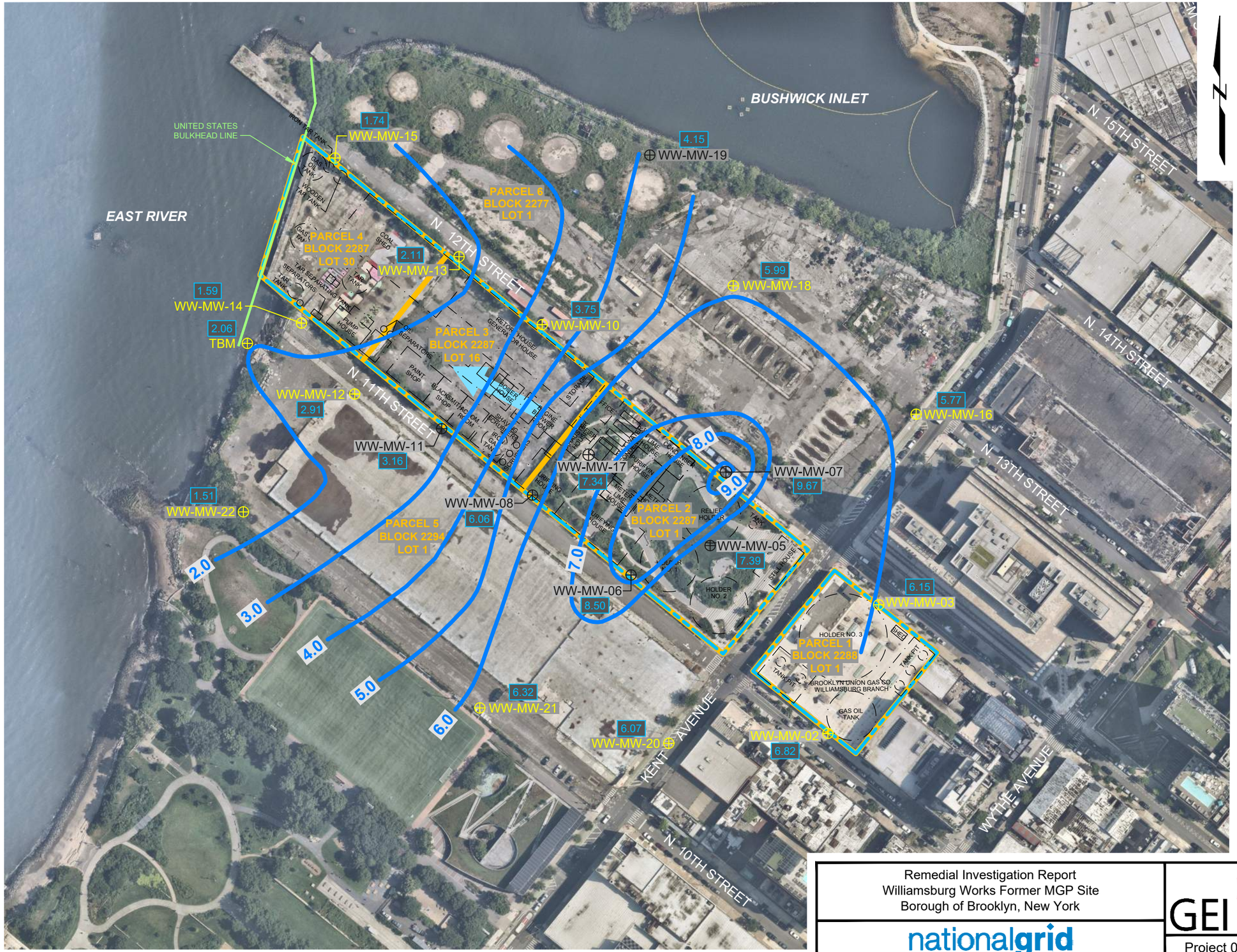

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-02 MONITORING WELL
- WW-MW-07 ABANDONED/DESTROYED MONITORING WELL
- 5.0 GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 6.15 GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 12/19/2012

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON DECEMBER 19,2012.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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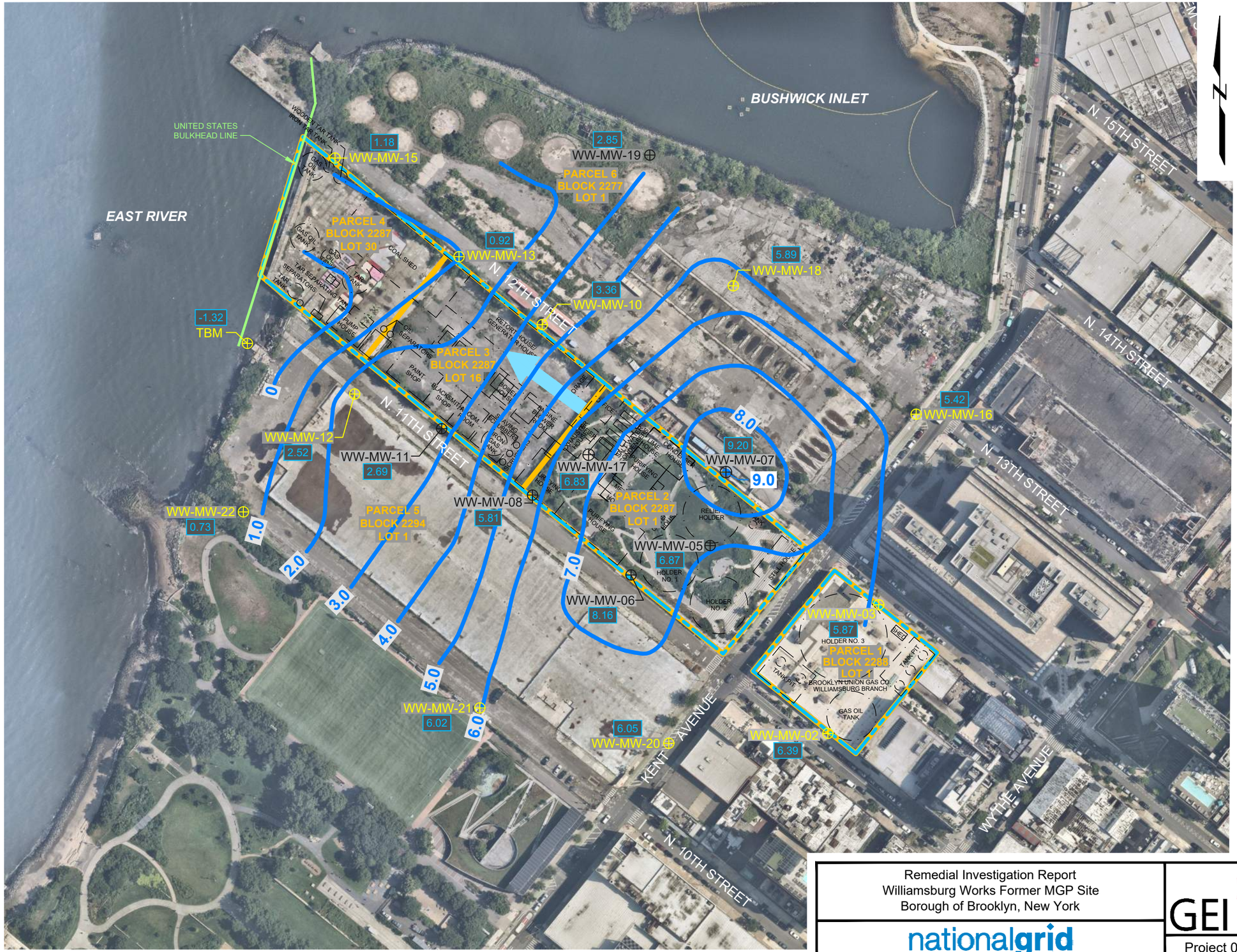
DECEMBER 19, 2012 HIGH TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

Project 093060 | August 2025 | Fig. 11

HERIOT, PAULA B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\11_093060_RIR_GWHT_1212.dwg - 8/27/2025



LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-02 MONITORING WELL
- WW-MW-07 ABANDONED/DESTROYED MONITORING WELL
- 5.0 GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 5.87 GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 12/19/2012

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON DECEMBER 19, 2012.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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DECEMBER 19, 2012 LOW TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

Project 093060 | August 2025 | Fig. 12

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LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY
- HISTORIC MGP STRUCTURES
- WW-MW-02 — MONITORING WELL
- 5 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 7.56 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 3/8/2023
- 3.07* — GROUNDWATER ELEVATION WAS NOT USE TO GENERATE THE GROUNDWATER CONTOURS DUE TO THE PRESENCE OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL)

NOTES:

1. CONTOURS MADE BY KRIGING INTERPOLATION.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM HIGH TIDE GAUGING ON MARCH 8, 2023.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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SCALE, FEET

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

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MARCH 8, 2023 HIGH TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

Project 093060 | August 2025 | Fig. 13

HERIOT, PAULA B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\13_093060_RIR_GWCH_0323.dwg - 8/27/2025

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-02 — MONITORING WELL
- 5.0 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 7.18 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 3/8/2023

NOTES:

1. CONTOURS MADE BY KRIGING INTERPOLATION.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON MARCH 8, 2023.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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SCALE, FEET

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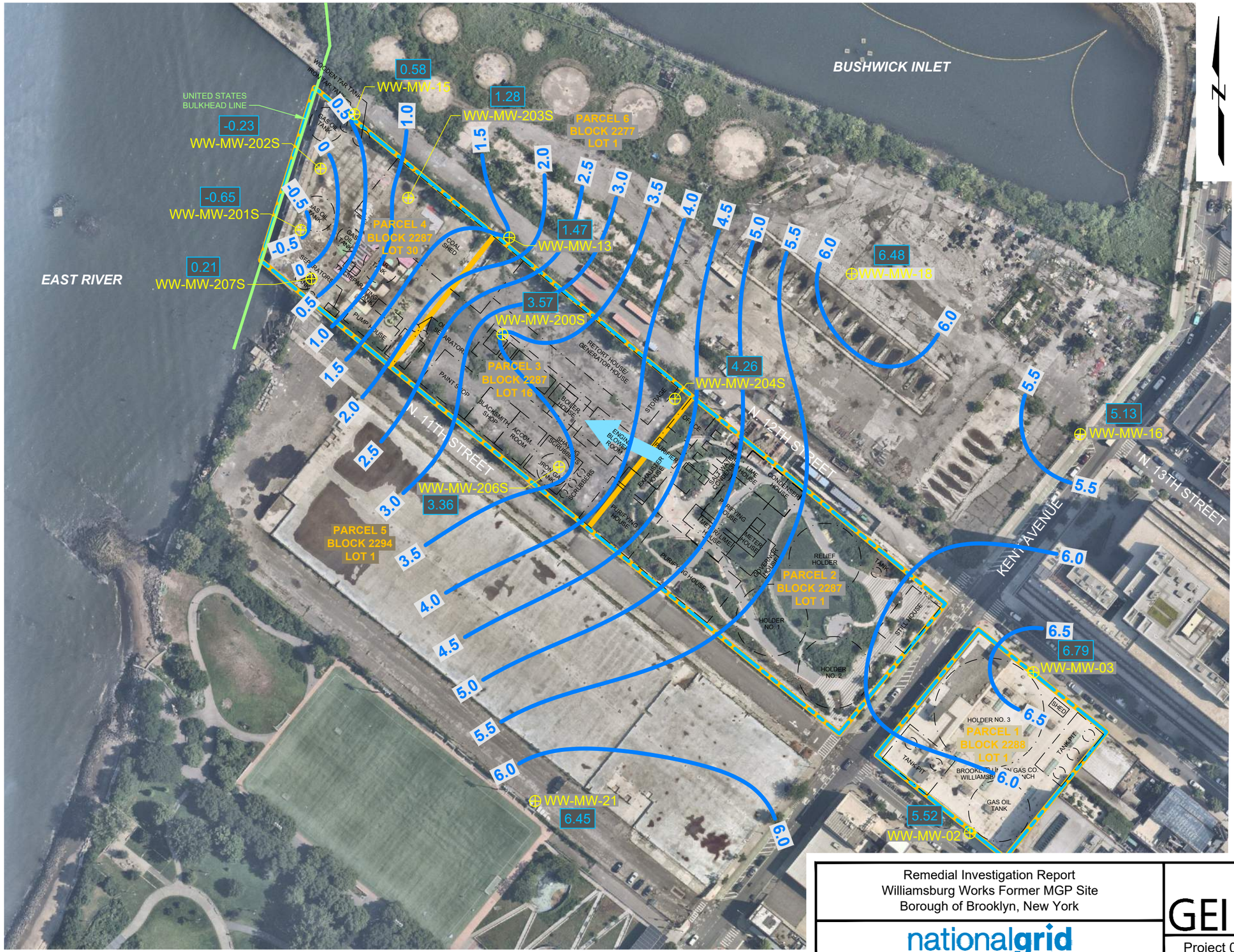
MARCH 8, 2023 LOW TIDE GROUNDWATER SURFACE ELEVATION CONTOURS

Project 093060 | August 2025 | Fig. 14

HERIOT, PAULA B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\14_093060_RIR_GWCL_0323.dwg - 8/27/2025



LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-200S — MONITORING WELL
- 4.0 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 3.57 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 9/11/2024

NOTES:

1. CONTOURS MADE BY KRIGING INTERPOLATION.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON SEPTEMBER 11, 2024.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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SCALE, FEET

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Project 093060

SEPTEMBER 11, 2024
LOW TIDE SHALLOW
GROUNDWATER SURFACE
ELEVATION CONTOURS

August 2025 Fig. 15

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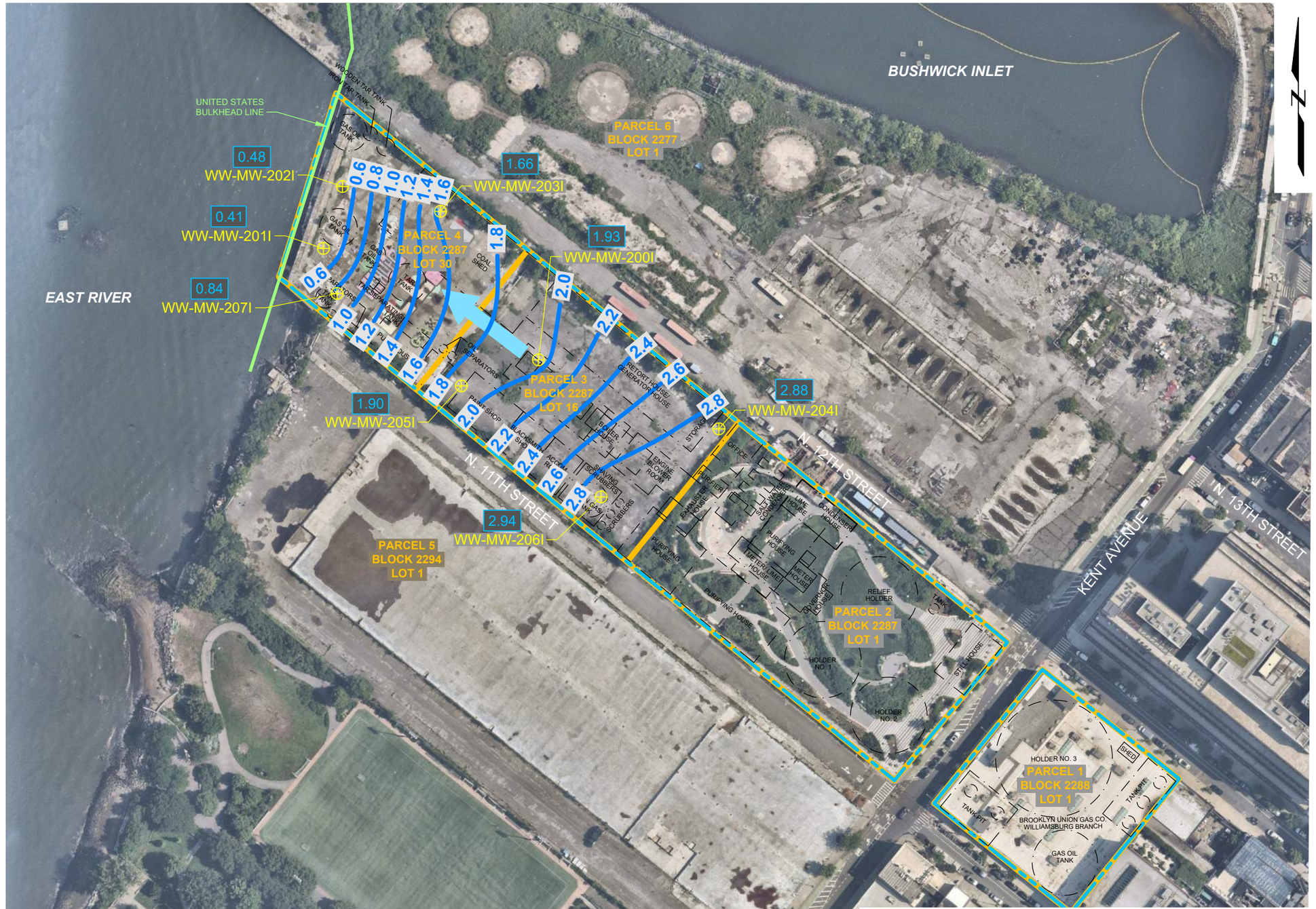

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-200I — MONITORING WELL
- 2.0 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 1.93 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 9/11/2024

NOTES:

1. CONTOURS MADE BY KRIGING INTERPOLATION.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON SEPTEMBER 11, 2024.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
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SCALE, FEET

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Borough of Brooklyn, New York

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SEPTEMBER 11, 2024
LOW TIDE INTERMEDIATE GROUNDWATER SURFACE ELEVATION CONTOURS

Project 093060 | August 2025 | Fig. 16

HERIOT, PAULA B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\16_093060_RIR_GWLI_0924.dwg - 8/27/2025

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-200D — MONITORING WELL
- 2.0 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 2.38 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 9/11/2024

NOTES:

1. CONTOURS MADE BY KRIGING INTERPOLATION.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM LOW TIDE GAUGING ON SEPTEMBER 11, 2024.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
3. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

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SCALE, FEET

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Project 093060

SEPTEMBER 11, 2024
LOW TIDE DEEP
GROUNDWATER SURFACE
ELEVATION CONTOURS

August 2025 — Fig. 17

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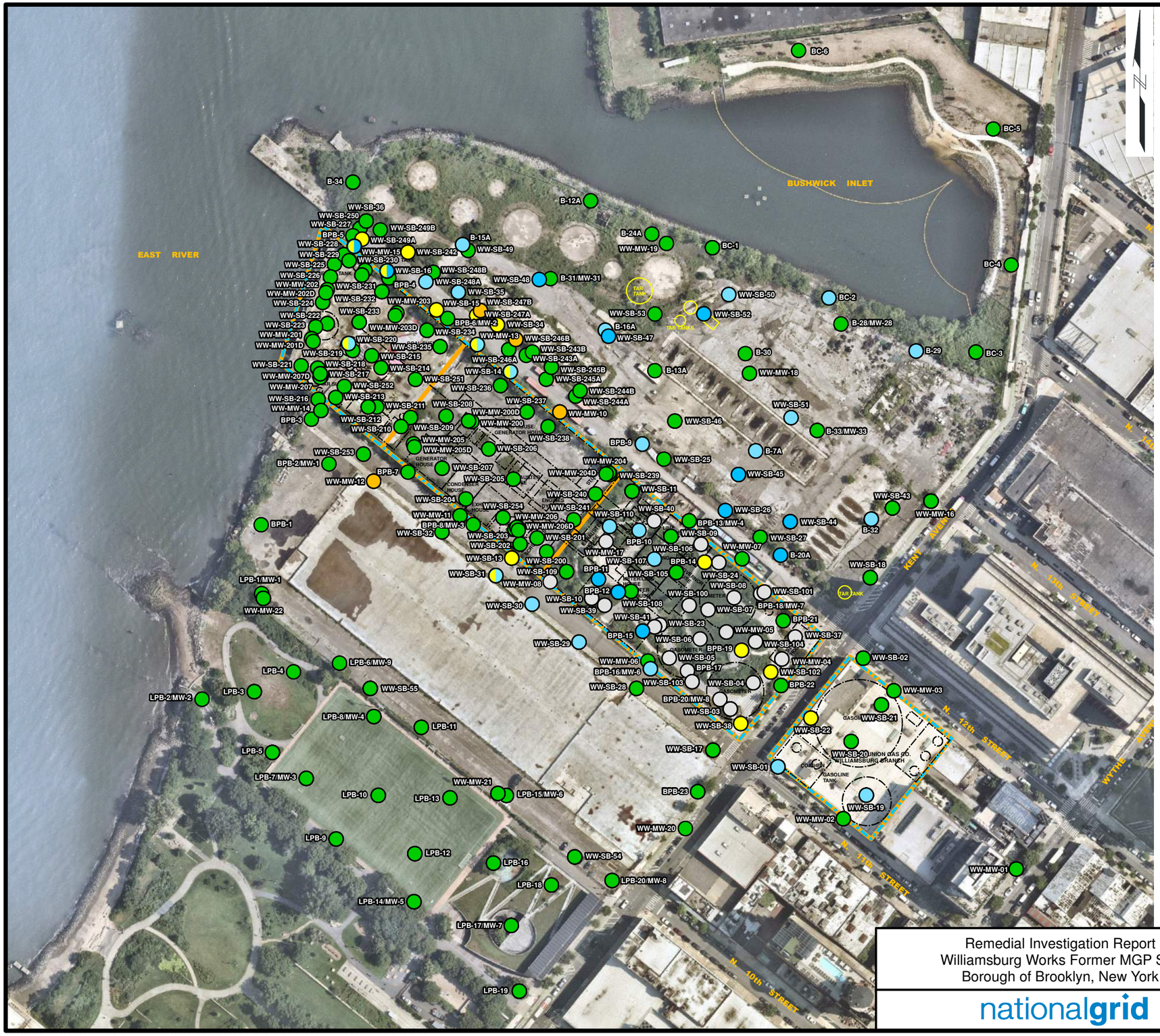

LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED
- REMEDIATED

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM HTTP://WWW.OASISNYC.NET ACCESSED JANUARY 2008.
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6. SITE INVESTIGATION REPORT BAYSIDE FUEL OIL COMPANY, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC. NOVEMBER 2006.
7. SITE INVESTIGATION REPORT PROPERTY WEST OF KENT AVENUE BETWEEN AND INCLUDING NORTH 10TH AND NORTH 12TH STREETS, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
8. SITE INVESTIGATION REPORT 9TH STREET EQUITIES, LLC, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., AUGUST 2006.
9. SITE INVESTIGATION REPORT MOTIVA ENTERPRISES, LLC / BUSHWICK CREEK INLET, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

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SCALE, FEET

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

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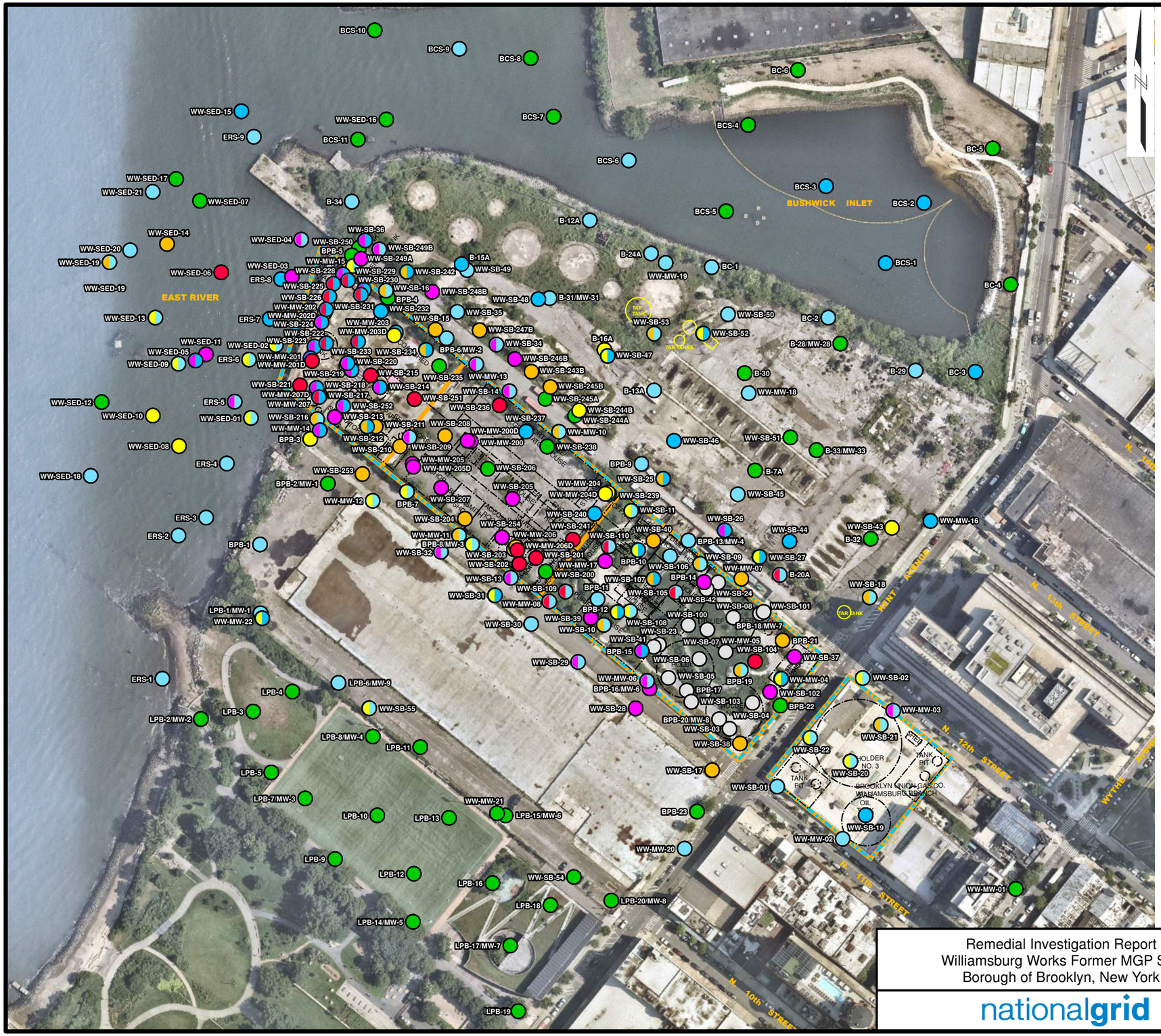
OBSERVED PHYSICAL IMPACTS UNSATURATED ZONE

Project 093060 | August 2025 | Fig. 18

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\18_093060_RIR_PIUN.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED
- REMEDIATED

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
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9. SITE INVESTIGATION REPORT MOTIVA ENTERPRISES, LLC / BUSHWICK CREEK INLET, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

0 160 320
SCALE, FEET

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Borough of Brooklyn, New York

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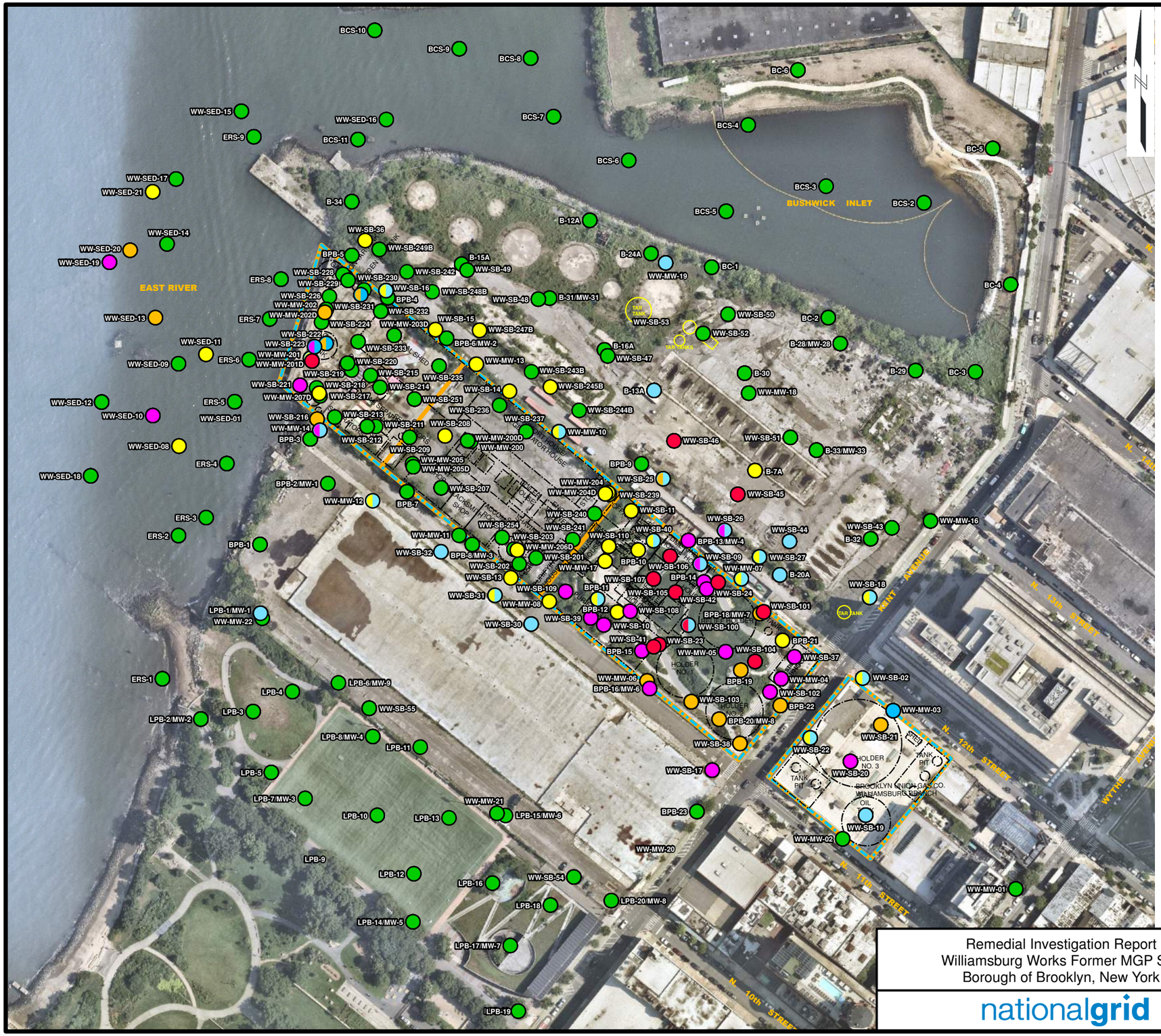
OBSERVED PHYSICAL IMPACTS SATURATED ZONE TO 30 FEET BELOW GRADE

Project 093060 | August 2025 | Fig. 19

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\19_093060_RIR_PISA.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED
- REMEDIATED

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
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9. SITE INVESTIGATION REPORT MOTIVA ENTERPRISES, LLC / BUSHWICK CREEK INLET, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

0 160 320
SCALE, FEET

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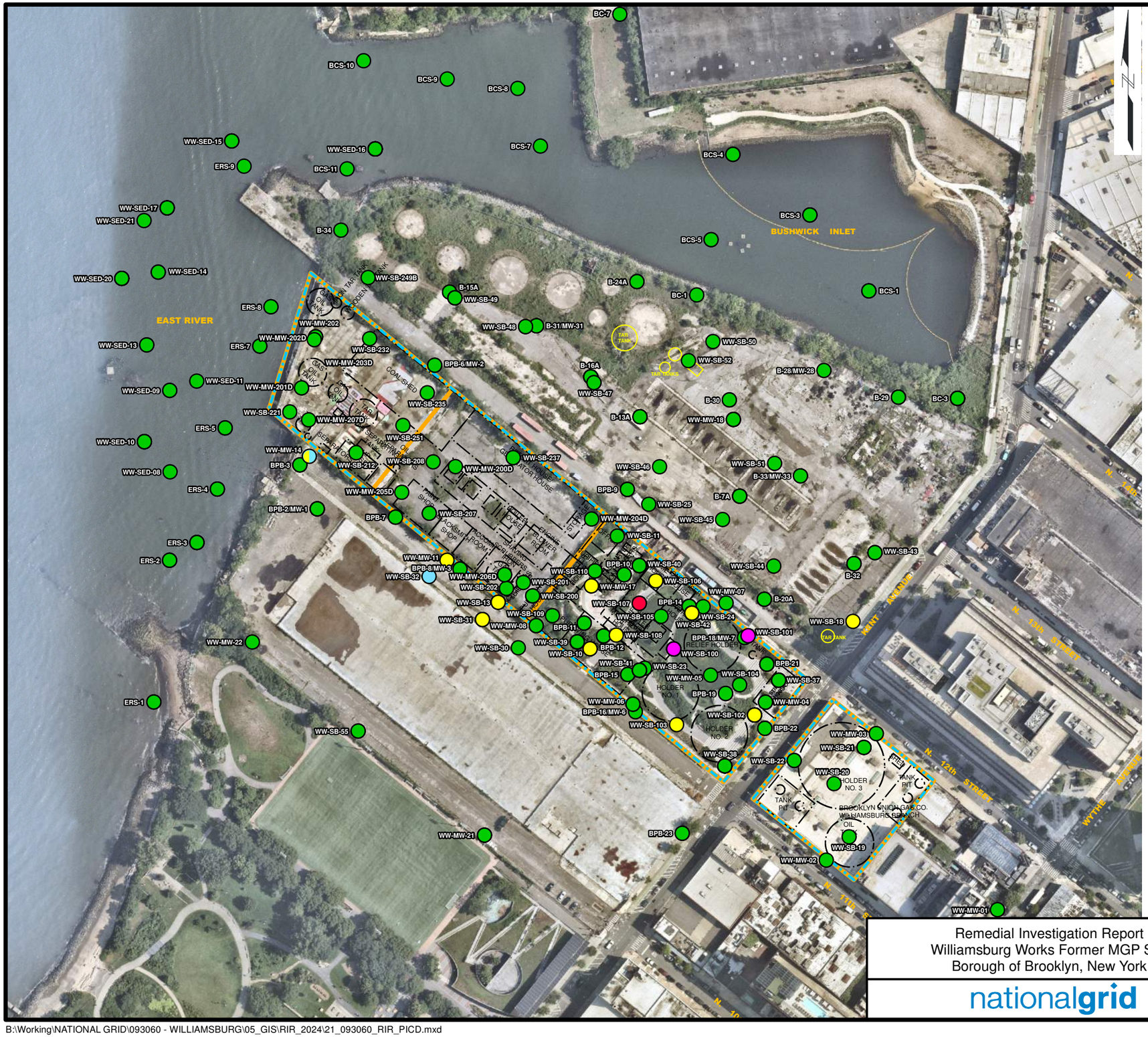
OBSERVED PHYSICAL IMPACTS SATURATED ZONE BELOW 30 FEET AND ABOVE CLAY

Project 093060 | August 2025 | Fig. 20

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\20_093060_RIR_PISB.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED

NOTE:
WW-SB-100 THROUGH WW-SB-110 WERE INSTALLED BY URS USING HOLLOW STEM AUGER METHODS DURING THE PDI. IMPACTS OBSERVED BELOW THE CLAY ARE ASSUMED TO BE AN ARTIFACT OF HOLLOW STEM AUGER DRILLING METHODS.

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
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SCALE, FEET

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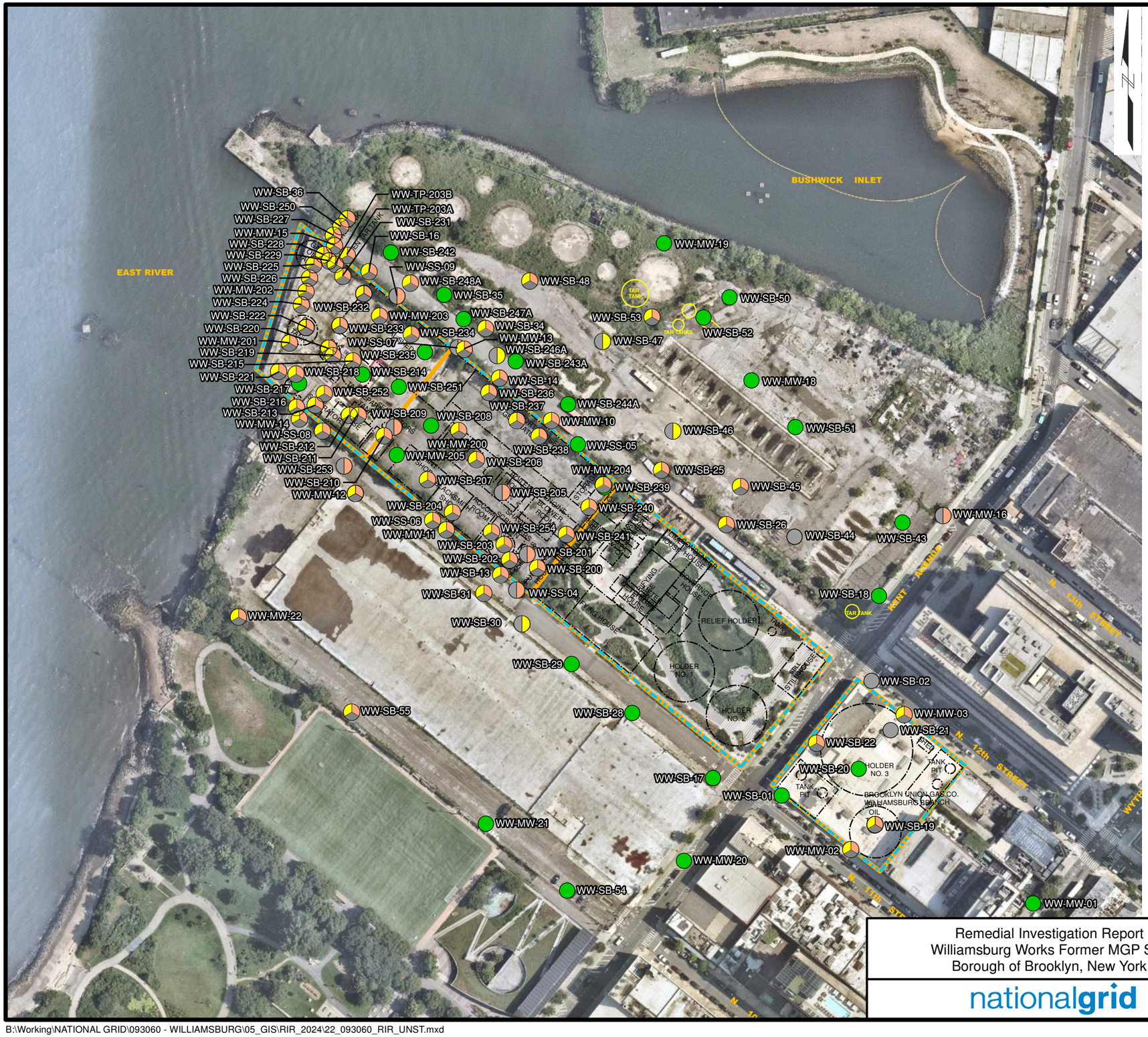
OBSERVED PHYSICAL IMPACTS CLAY AND DEEPER

Project 093060 | August 2025 | Fig. 21

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\21_093060_RIR_PICD.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- EXCEEDS UNRESTRICTED, PROTECTION OF GROUNDWATER AND RESTRICTED RESIDENTIAL OR INDUSTRIAL SCOs
- EXCEEDS UNRESTRICTED AND RESTRICTED RESIDENTIAL SCOs
- EXCEEDS UNRESTRICTED AND PROTECTION OF GROUNDWATER SCOs
- EXCEEDS UNRESTRICTED SCO
- NO EXCEEDANCE

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:
1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
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10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

0 150 300
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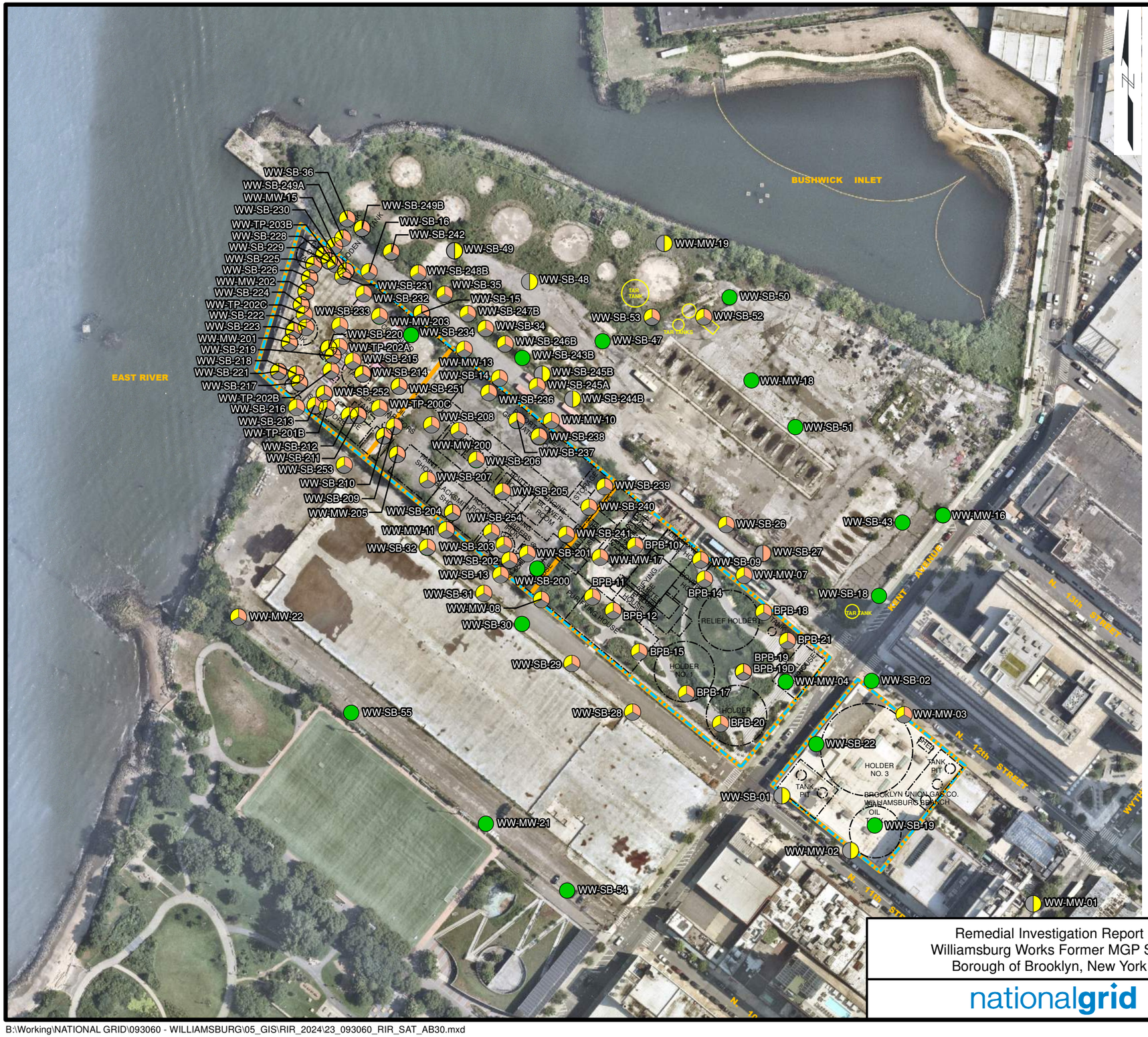
SUBSURFACE SOIL ANALYTICAL RESULT SCO EXCEEDANCES – UNSATURATED SOIL

Project 093060 | August 2025 | Fig. 22

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\22_093060_RIR_UNST.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- EXCEEDS UNRESTRICTED, PROTECTION OF GROUNDWATER AND RESTRICTED RESIDENTIAL OR INDUSTRIAL SCOs
- EXCEEDS UNRESTRICTED AND RESTRICTED RESIDENTIAL SCOs
- EXCEEDS UNRESTRICTED AND PROTECTION OF GROUNDWATER SCOs
- EXCEEDS UNRESTRICTED SCO
- NO EXCEEDANCE

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM HTTP://WWW.OASISNYC.NET ACCESSED JANUARY 2008.
5. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.
6. SITE INVESTIGATION REPORT BAYSIDE FUEL OIL COMPANY, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC. NOVEMBER 2006.
7. SITE INVESTIGATION REPORT PROPERTY WEST OF KENT AVENUE BETWEEN AND INCLUDING NORTH 10TH AND NORTH 12TH STREETS, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
8. SITE INVESTIGATION REPORT 9TH STREET EQUITIES, LLC, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., AUGUST 2006.
9. SITE INVESTIGATION REPORT MOTIVA ENTERPRISES, LLC / BUSHWICK CREEK INLET, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

0 150 300
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Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

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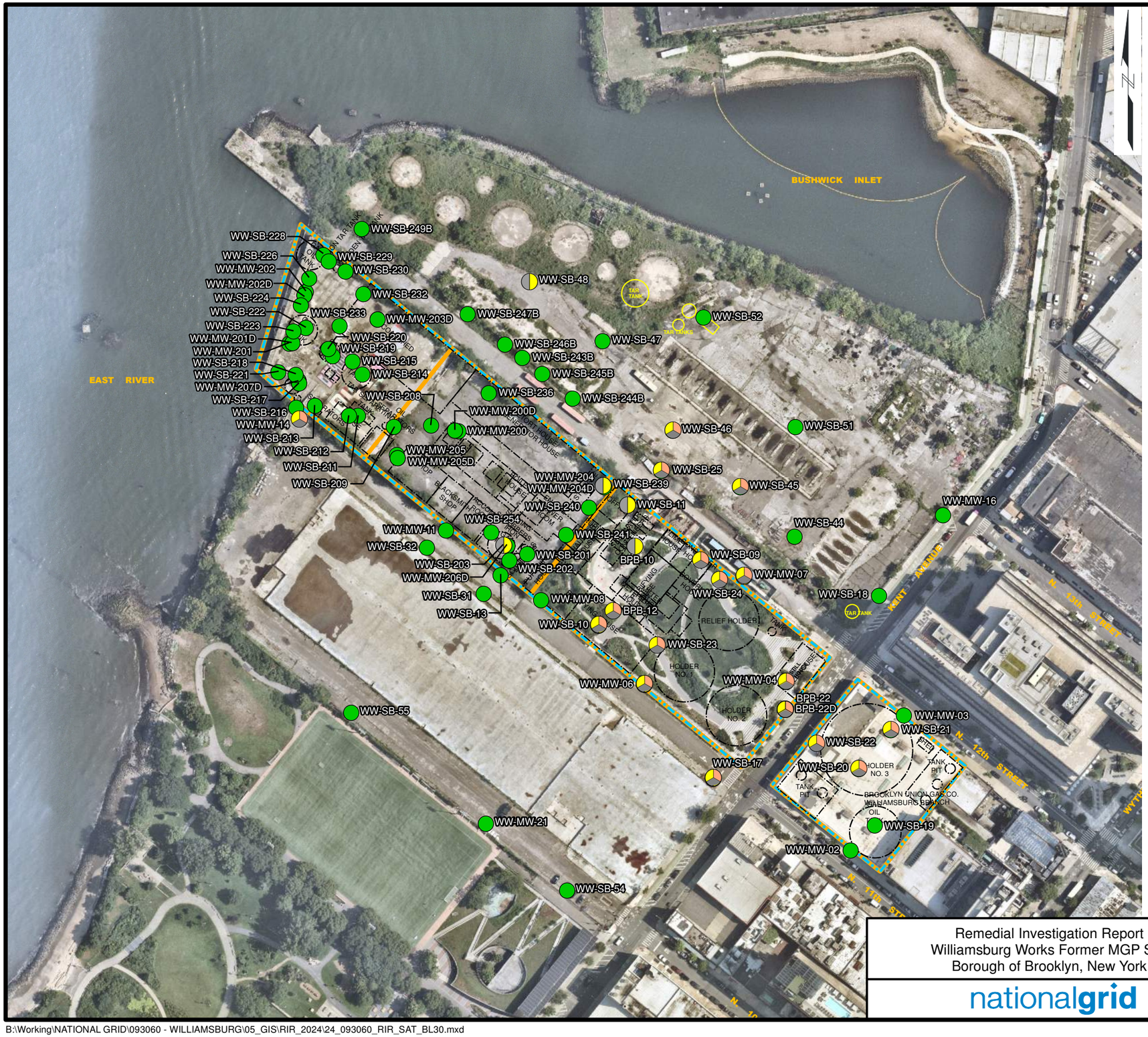
SUBSURFACE SOIL ANALYTICAL RESULT SCO EXCEEDANCES – SATURATED SOIL ABOVE 30 FEET BGS

Project 093060 | August 2025 | Fig. 23

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\23_093060_RIR_SAT_AB30.mxd



LEGEND

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- EXCEEDS UNRESTRICTED, PROTECTION OF GROUNDWATER AND RESTRICTED RESIDENTIAL OR INDUSTRIAL SCOs
- EXCEEDS UNRESTRICTED AND RESTRICTED RESIDENTIAL SCOs
- EXCEEDS UNRESTRICTED AND PROTECTION OF GROUNDWATER SCOs
- EXCEEDS UNRESTRICTED SCO
- NO EXCEEDANCE

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:
1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
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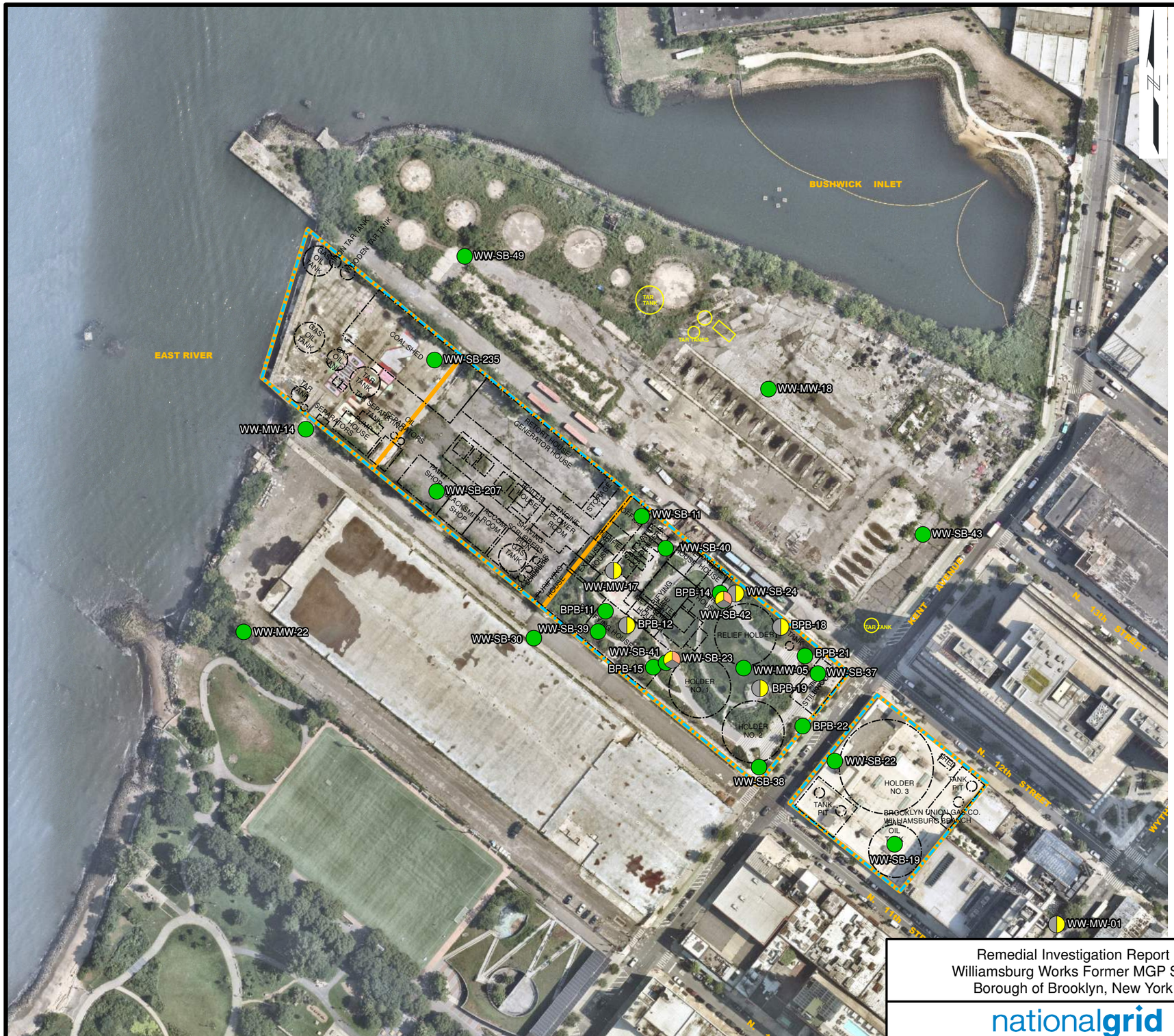
SUBSURFACE SOIL ANALYTICAL RESULT SCO EXCEEDANCES – SATURATED SOIL BELOW 30 FEET BGS

Project 093060 | August 2025 | Fig. 24

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\24_093060_RIR_SAT_BL30.mxd



LEGEND

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- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES
- EXCEEDS UNRESTRICTED, PROTECTION OF GROUNDWATER AND RESTRICTED RESIDENTIAL OR INDUSTRIAL SCOs
- EXCEEDS UNRESTRICTED AND RESTRICTED RESIDENTIAL SCOs
- EXCEEDS UNRESTRICTED AND PROTECTION OF GROUNDWATER SCOs
- EXCEEDS UNRESTRICTED SCO
- NO EXCEEDANCE

NOTE:
IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCE:
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SUBSURFACE SOIL ANALYTICAL RESULT SCO EXCEEDANCES – WITHIN CLAY

Project 093060 | August 2025 | Fig. 25

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\25_093060_RIR_CLAY.mxd

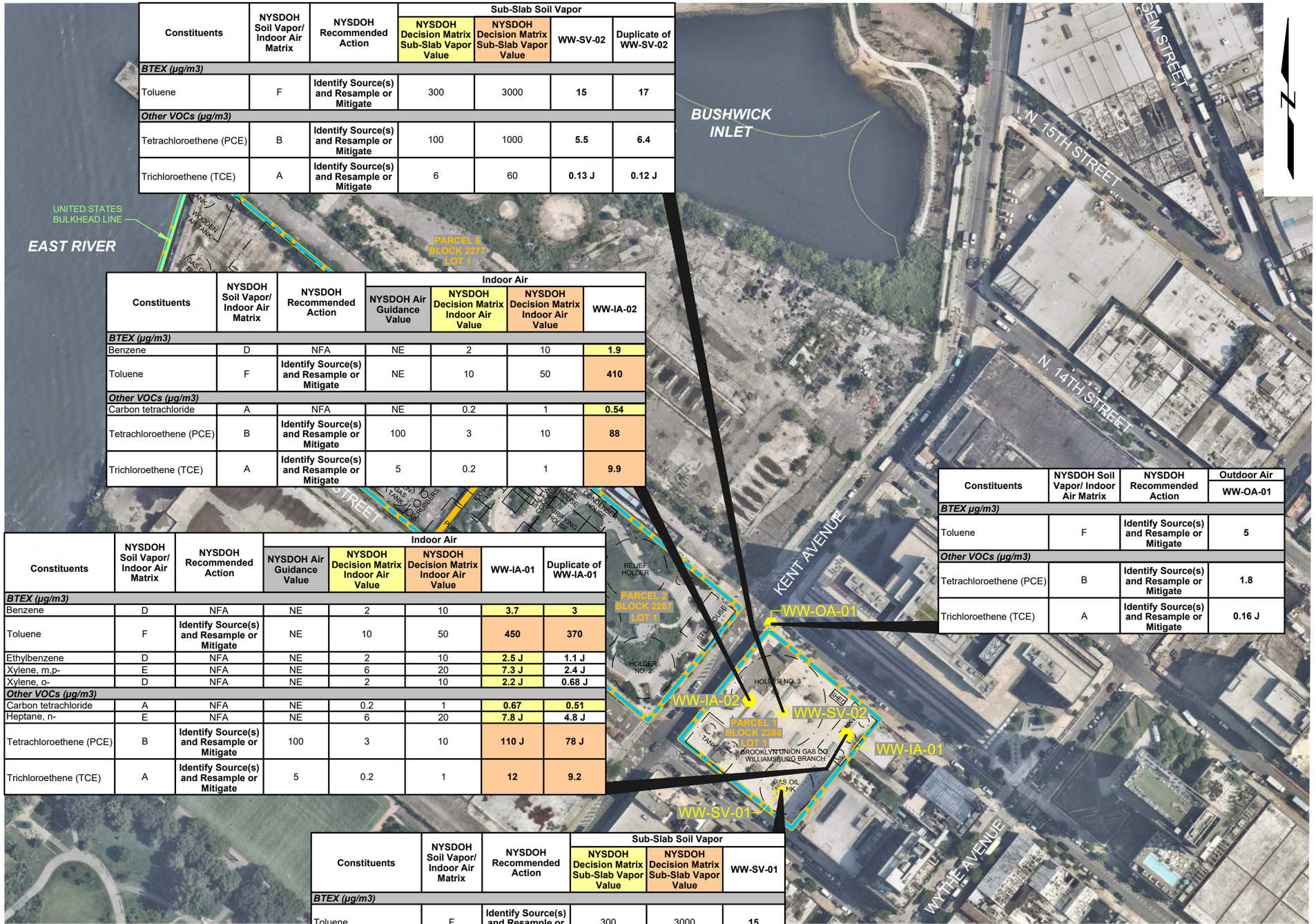
Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Sub-Slab Soil Vapor			
			NYSDOH Decision Matrix Sub-Slab Vapor Value	NYSDOH Decision Matrix Sub-Slab Vapor Value	WW-SV-02	Duplicate of WW-SV-02
BTEX (µg/m3)						
Toluene	F	Identify Source(s) and Resample or Mitigate	300	3000	**15**	**17**
Other VOCs (µg/m3)						
Tetrachloroethene (PCE)	B	Identify Source(s) and Resample or Mitigate	100	1000	**5.5**	**6.4**
Trichloroethene (TCE)	A	Identify Source(s) and Resample or Mitigate	6	60	**0.13 J**	**0.12 J**

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Indoor Air			
			NYSDOH Air Guidance Value	NYSDOH Decision Matrix Indoor Air Value	NYSDOH Decision Matrix Indoor Air Value	WW-IA-02
BTEX (µg/m3)						
Benzene	D	NFA	NE	2	10	**1.9**
Toluene	F	Identify Source(s) and Resample or Mitigate	NE	10	50	**410**
Other VOCs (µg/m3)						
Carbon tetrachloride	A	NFA	NE	0.2	1	**0.54**
Tetrachloroethene (PCE)	B	Identify Source(s) and Resample or Mitigate	100	3	10	**88**
Trichloroethene (TCE)	A	Identify Source(s) and Resample or Mitigate	5	0.2	1	**9.9**

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Indoor Air				
			NYSDOH Air Guidance Value	NYSDOH Decision Matrix Indoor Air Value	NYSDOH Decision Matrix Indoor Air Value	WW-IA-01	Duplicate of WW-IA-01
BTEX (µg/m3)							
Benzene	D	NFA	NE	2	10	**3.7**	**3**
Toluene	F	Identify Source(s) and Resample or Mitigate	NE	10	50	**450**	**370**
Ethylbenzene	D	NFA	NE	2	10	**2.5 J**	**1.1 J**
Xylene, m,p-	E	NFA	NE	6	20	**7.3 J**	**2.4 J**
Xylene, o-	D	NFA	NE	2	10	**2.2 J**	**0.68 J**
Other VOCs (µg/m3)							
Carbon tetrachloride	A	NFA	NE	0.2	1	**0.67**	**0.51**
Heptane, n-	E	NFA	NE	6	20	**7.8 J**	**4.8 J**
Tetrachloroethene (PCE)	B	Identify Source(s) and Resample or Mitigate	100	3	10	**110 J**	**78 J**
Trichloroethene (TCE)	A	Identify Source(s) and Resample or Mitigate	5	0.2	1	**12**	**9.2**

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Outdoor Air
			WW-OA-01
BTEX µg/m3)			
Toluene	F	Identify Source(s) and Resample or Mitigate	**5**
Other VOCs (µg/m3)			
Tetrachloroethene (PCE)	B	Identify Source(s) and Resample or Mitigate	**1.8**
Trichloroethene (TCE)	A	Identify Source(s) and Resample or Mitigate	**0.16 J**

Constituents	NYSDOH Soil Vapor/ Indoor Air Matrix	NYSDOH Recommended Action	Sub-Slab Soil Vapor		
			NYSDOH Decision Matrix Sub-Slab Vapor Value	NYSDOH Decision Matrix Sub-Slab Vapor Value	WW-SV-01
BTEX (µg/m3)					
Toluene	F	Identify Source(s) and Resample or Mitigate	300	3000	**15**
Other VOCs (µg/m3)					
Tetrachloroethene (PCE)	B	Identify Source(s) and Resample or Mitigate	100	1000	**78**
Trichloroethene (TCE)	A	Identify Source(s) and Resample or Mitigate	6	60	**1.9**



LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- INDOOR AIR SAMPLE
- AMBIENT AIR SAMPLE
- SUB-SLAB VAPOR POINT

ANALYTICAL BOXES

NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) AIR GUIDANCE VALUE, OCTOBER 2006.

µg/m^3	MICROGRAMS PER CUBIC METER
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
VOCs	VOLATILE ORGANIC COMPOUNDS
NE	NOT ESTABLISHED
BOLD	INDICATES A DETECTED RESULT CONCENTRATION
BOLD	THE DETECTED CONCENTRATION IS ABOVE THE NYSDOH AIR GUIDANCE VALUE
BOLD	THE DETECTED CONCENTRATION IS ABOVE THE NYSDOH DECISION MATRIX VALUE
BOLD	THE DETECTED CONCENTRATION IS ABOVE THE NYSDOH DECISION MATRIX VALUE
J	THE RESULT IS AN ESTIMATED VALUE

NOTES:

1. SAMPLES WERE COLLECTED ON NOVEMBER 18, 2009.
2. WW-SV-02: SUB-SLAB VAPOR SAMPLE COLLECTED BENEATH THE FLOOR SLAB IN THE CENTRAL PORTION OF THE 35 KENT AVENUE BUILDING (PARCEL 1).

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
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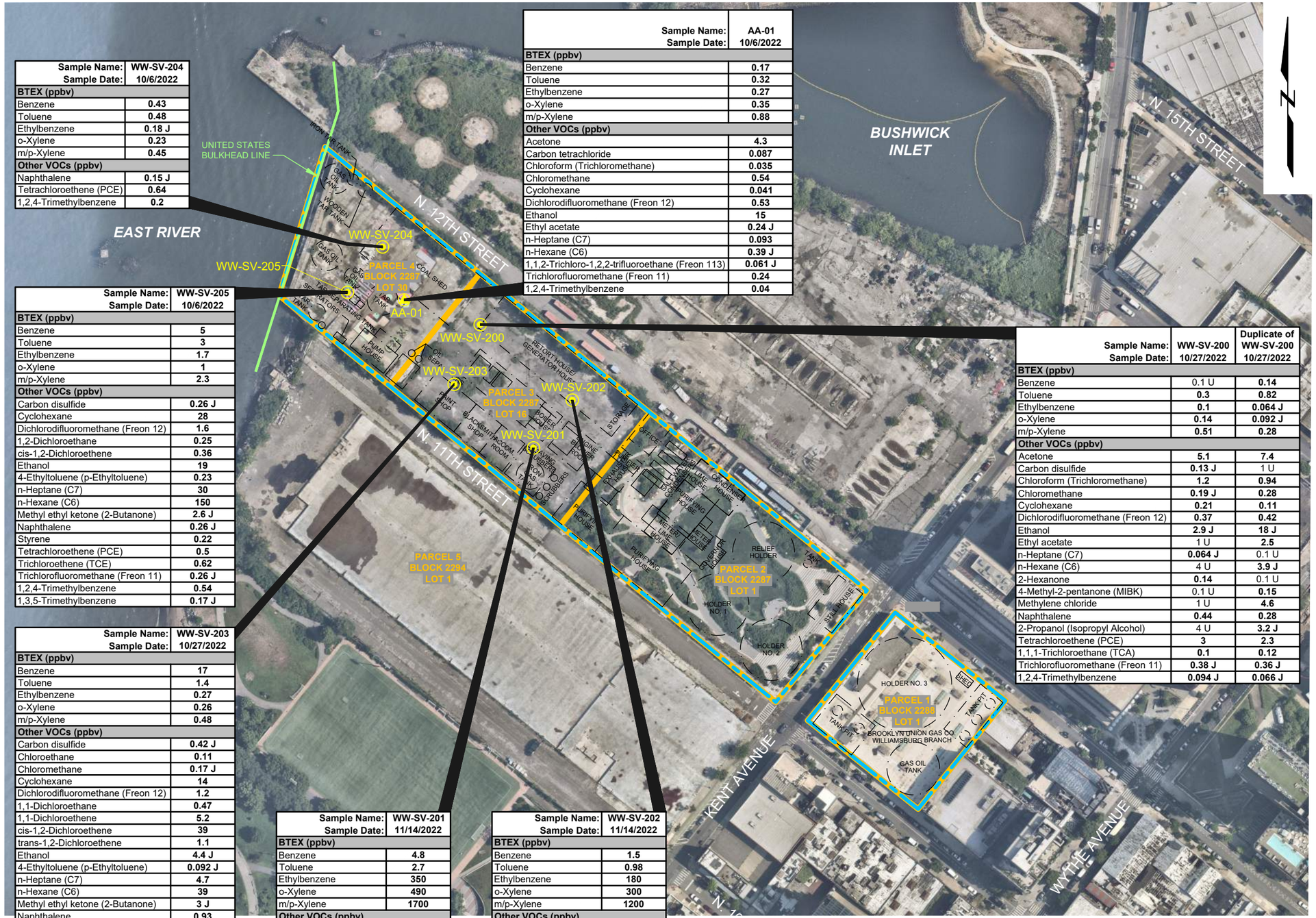
Project 093060

SUB-SLAB SOIL VAPOR, INDOOR AIR, AND OUTDOOR AIR ANALYTICAL SUMMARY

August 2025 Fig. 26



Sample Name:	WW-SV-204
Sample Date:	10/6/2022
BTEX (ppbv)	
Benzene	0.43
Toluene	0.48
Ethylbenzene	0.18 J
o-Xylene	0.23
m/p-Xylene	0.45
Other VOCs (ppbv)	
Naphthalene	0.15 J
Tetrachloroethene (PCE)	0.64
1,2,4-Trimethylbenzene	0.2

Sample Name:	AA-01
Sample Date:	10/6/2022
BTEX (ppbv)	
Benzene	0.17
Toluene	0.32
Ethylbenzene	0.27
o-Xylene	0.35
m/p-Xylene	0.88
Other VOCs (ppbv)	
Acetone	4.3
Carbon tetrachloride	0.087
Chloroform (Trichloromethane)	0.035
Chloromethane	0.54
Cyclohexane	0.041
Dichlorodifluoromethane (Freon 12)	0.53
Ethanol	15
Ethyl acetate	0.24 J
n-Heptane (C7)	0.093
n-Hexane (C6)	0.39 J
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.061 J
Trichlorofluoromethane (Freon 11)	0.24
1,2,4-Trimethylbenzene	0.04

Sample Name:	WW-SV-205
Sample Date:	10/6/2022
BTEX (ppbv)	
Benzene	5
Toluene	3
Ethylbenzene	1.7
o-Xylene	1
m/p-Xylene	2.3
Other VOCs (ppbv)	
Carbon disulfide	0.26 J
Cyclohexane	28
Dichlorodifluoromethane (Freon 12)	1.6
1,2-Dichloroethane	0.25
cis-1,2-Dichloroethene	0.36
Ethanol	19
4-Ethyltoluene (p-Ethyltoluene)	0.23
n-Heptane (C7)	30
n-Hexane (C6)	150
Methyl ethyl ketone (2-Butanone)	2.6 J
Naphthalene	0.26 J
Styrene	0.22
Tetrachloroethene (PCE)	0.5
Trichloroethene (TCE)	0.62
Trichlorofluoromethane (Freon 11)	0.26 J
1,2,4-Trimethylbenzene	0.54
1,3,5-Trimethylbenzene	0.17 J

Sample Name:	WW-SV-200	Duplicate of WW-SV-200
Sample Date:	10/27/2022	10/27/2022
BTEX (ppbv)		
Benzene	0.1 U	0.14
Toluene	0.3	0.82
Ethylbenzene	0.1	0.064 J
o-Xylene	0.14	0.092 J
m/p-Xylene	0.51	0.28
Other VOCs (ppbv)		
Acetone	5.1	7.4
Carbon disulfide	0.13 J	1 U
Chloroform (Trichloromethane)	1.2	0.94
Chloromethane	0.19 J	0.28
Cyclohexane	0.21	0.11
Dichlorodifluoromethane (Freon 12)	0.37	0.42
Ethanol	2.9 J	18 J
Ethyl acetate	1 U	2.5
n-Heptane (C7)	0.064 J	0.1 U
n-Hexane (C6)	4 U	3.9 J
2-Hexanone	0.14	0.1 U
4-Methyl-2-pentanone (MIBK)	0.1 U	0.15
Methylene chloride	1 U	4.6
Naphthalene	0.44	0.28
2-Propanol (Isopropyl Alcohol)	4 U	3.2 J
Tetrachloroethene (PCE)	3	2.3
1,1,1-Trichloroethane (TCA)	0.1	0.12
Trichlorofluoromethane (Freon 11)	0.38 J	0.36 J
1,2,4-Trimethylbenzene	0.094 J	0.066 J

Sample Name:	WW-SV-203
Sample Date:	10/27/2022
BTEX (ppbv)	
Benzene	17
Toluene	1.4
Ethylbenzene	0.27
o-Xylene	0.26
m/p-Xylene	0.48
Other VOCs (ppbv)	
Carbon disulfide	0.42 J
Chloroethane	0.11
Chloromethane	0.17 J
Cyclohexane	14
Dichlorodifluoromethane (Freon 12)	1.2
1,1-Dichloroethane	0.47
1,1-Dichloroethene	5.2
cis-1,2-Dichloroethene	39
trans-1,2-Dichloroethene	1.1
Ethanol	4.4 J
4-Ethyltoluene (p-Ethyltoluene)	0.092 J
n-Heptane (C7)	4.7
n-Hexane (C6)	39
Methyl ethyl ketone (2-Butanone)	3 J
Naphthalene	0.93
2-Propanol (Isopropyl Alcohol)	2.8 J
Tetrachloroethene (PCE)	0.6
Trichloroethene (TCE)	12
1,2,4-Trimethylbenzene	0.24
1,3,5-Trimethylbenzene	0.072 J
Vinyl chloride	11

Sample Name:	WW-SV-201
Sample Date:	11/14/2022
BTEX (ppbv)	
Benzene	4.8
Toluene	2.7
Ethylbenzene	350
o-Xylene	490
m/p-Xylene	1700
Other VOCs (ppbv)	
Acetone	2600
Chloromethane	0.46 J
n-Heptane (C7)	24
Trichloroethene (TCE)	1.9
1,2,4-Trimethylbenzene	0.45 J

Sample Name:	WW-SV-202
Sample Date:	11/14/2022
BTEX (ppbv)	
Benzene	1.5
Toluene	0.98
Ethylbenzene	180
o-Xylene	300
m/p-Xylene	1200
Other VOCs (ppbv)	
Acetone	1400
Carbon disulfide	1.1 J
n-Heptane (C7)	1.6
Tetrachloroethene (PCE)	3.2
Trichloroethene (TCE)	0.78
1,2,4-Trimethylbenzene	0.34 J

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- AMBIENT AIR SAMPLE
- SOIL VAPOR POINT

ANALYTICAL BOXES

ppbv	PARTS PER BILLION BY VOLUME
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
VOCs	VOLATILE ORGANIC COMPOUNDS
BOLD	INDICATES A DETECTED RESULT CONCENTRATION
J	THE RESULT IS AN ESTIMATED VALUE

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Williamsburg Works Former MGP Site
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SOIL VAPOR
ANALTYICAL SUMMARY -
PARCELS 3 AND 4

Project 093060 | August 2025 | Fig. 27

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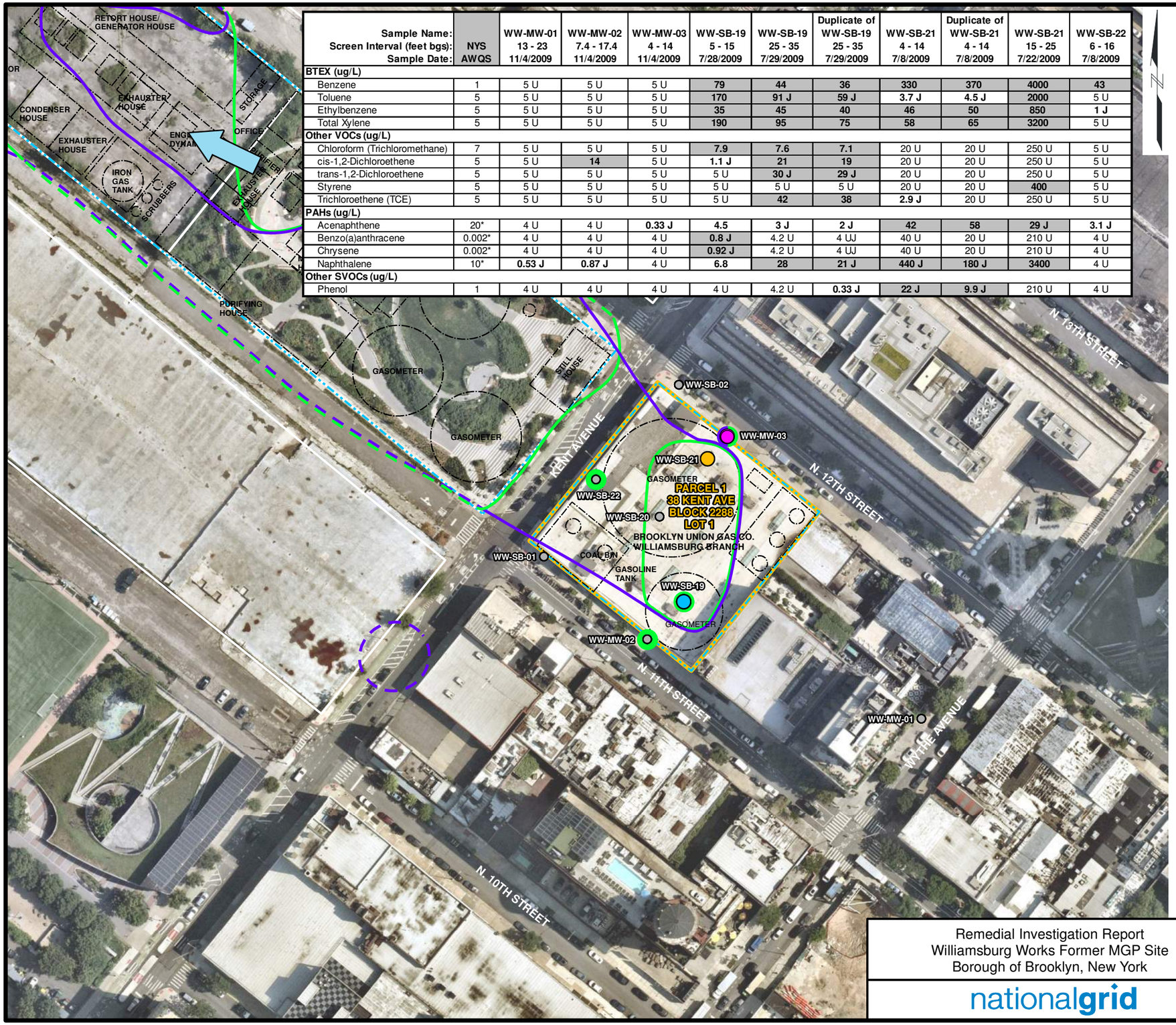
Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-MW-01 13 - 23 11/4/2009	WW-MW-02 7.4 - 17.4 11/4/2009	WW-MW-03 4 - 14 11/4/2009	WW-SB-19 5 - 15 7/28/2009	WW-SB-19 25 - 35 7/29/2009	Duplicate of WW-SB-19 25 - 35 7/29/2009	WW-SB-21 4 - 14 7/8/2009	Duplicate of WW-SB-21 4 - 14 7/8/2009	WW-SB-21 15 - 25 7/22/2009	WW-SB-22 6 - 16 7/8/2009
BTEX (ug/L)											
Benzene	1	5 U	5 U	5 U	**79**	**44**	**36**	**330**	**370**	**4000**	**43**
Toluene	5	5 U	5 U	5 U	**170**	**91 J**	**59 J**	**3.7 J**	**4.5 J**	**2000**	5 U
Ethylbenzene	5	5 U	5 U	5 U	**35**	**45**	**40**	**46**	**50**	**850**	**1 J**
Total Xylene	5	5 U	5 U	5 U	**190**	**95**	**75**	**58**	**65**	**3200**	5 U
Other VOCs (ug/L)											
Chloroform (Trichloromethane)	7	5 U	5 U	5 U	**7.9**	**7.6**	**7.1**	20 U	20 U	250 U	5 U
cis-1,2-Dichloroethene	5	5 U	**14**	5 U	**1.1 J**	**21**	**19**	20 U	20 U	250 U	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	5 U	**30 J**	**29 J**	20 U	20 U	250 U	5 U
Styrene	5	5 U	5 U	5 U	5 U	5 U	5 U	20 U	20 U	**400**	5 U
Trichloroethene (TCE)	5	5 U	5 U	5 U	5 U	**42**	**38**	**2.9 J**	20 U	250 U	5 U
PAHs (ug/L)											
Acenaphthene	20*	4 U	4 U	**0.33 J**	**4.5**	**3 J**	**2 J**	**42**	**58**	**29 J**	**3.1 J**
Benzo(a)anthracene	0.002*	4 U	4 U	4 U	**0.8 J**	4.2 U	4 UJ	40 U	20 U	210 U	4 U
Chrysene	0.002*	4 U	4 U	4 U	**0.92 J**	4.2 U	4 UJ	40 U	20 U	210 U	4 U
Naphthalene	10*	**0.53 J**	**0.87 J**	4 U	**6.8**	**28**	**21 J**	**440 J**	**180 J**	**3400**	4 U
Other SVOCs (ug/L)											
Phenol	1	4 U	4 U	4 U	4 U	4.2 U	**0.33 J**	**22 J**	**9.9 J**	210 U	4 U



LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE SHALLOW (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

SOURCE:

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SCALE, FEET

Remedial Investigation Report
Williamsburg Works Former MGP Site
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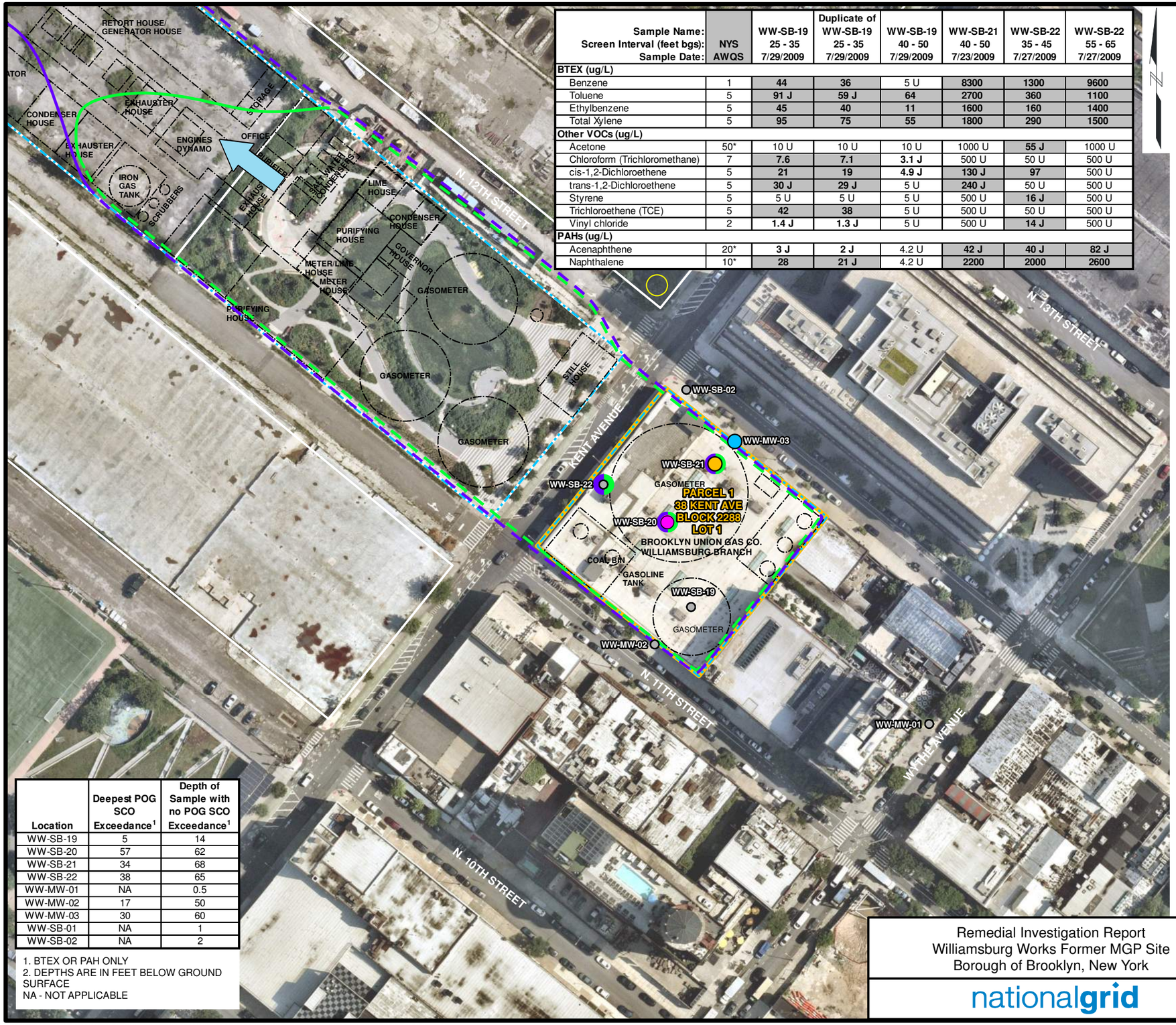
PARCEL 1 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 28

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\28_093060_RIR_P1SH.mxd



Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-SB-19 25 - 35 7/29/2009	Duplicate of WW-SB-19 25 - 35 7/29/2009	WW-SB-19 40 - 50 7/29/2009	WW-SB-21 40 - 50 7/23/2009	WW-SB-22 35 - 45 7/27/2009	WW-SB-22 55 - 65 7/27/2009
BTEX (ug/L)							
Benzene	1	**44**	**36**	5 U	**8300**	**1300**	**9600**
Toluene	5	**91 J**	**59 J**	**64**	**2700**	**360**	**1100**
Ethylbenzene	5	**45**	**40**	**11**	**1600**	**160**	**1400**
Total Xylene	5	**95**	**75**	**55**	**1800**	**290**	**1500**
Other VOCs (ug/L)							
Acetone	50*	10 U	10 U	10 U	1000 U	**55 J**	1000 U
Chloroform (Trichloromethane)	7	**7.6**	**7.1**	**3.1 J**	500 U	50 U	500 U
cis-1,2-Dichloroethene	5	**21**	**19**	**4.9 J**	**130 J**	**97**	500 U
trans-1,2-Dichloroethene	5	**30 J**	**29 J**	5 U	**240 J**	50 U	500 U
Styrene	5	5 U	5 U	5 U	500 U	**16 J**	500 U
Trichloroethene (TCE)	5	**42**	**38**	5 U	500 U	50 U	500 U
Vinyl chloride	2	**1.4 J**	**1.3 J**	5 U	500 U	**14 J**	500 U
PAHs (ug/L)							
Acenaphthene	20*	**3 J**	**2 J**	4.2 U	**42 J**	**40 J**	**82 J**
Naphthalene	10*	**28**	**21 J**	4.2 U	**2200**	**2000**	**2600**

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
WW-SB-19	5	14
WW-SB-20	57	62
WW-SB-21	34	68
WW-SB-22	38	65
WW-MW-01	NA	0.5
WW-MW-02	17	50
WW-MW-03	30	60
WW-SB-01	NA	1
WW-SB-02	NA	2

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
NA - NOT APPLICABLE

SOURCE:

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PARCEL 1 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 29

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\29_093060_RIR_P1DP.mxd

Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-MW-04 10 - 20 11/4/2009	Duplicate of WWMW-04 10 - 20 11/5/2009	WW-MW-06 0.3 - 10.3 11/4/2009	WW-MW-07 1 - 11 11/5/2009	WW-MW-08 0.3 - 10.3 11/5/2009	WW-MW-17 4 - 14 11/5/2009
BTEX (ug/L)							
Benzene	1	**8.7**	**9.2**	**270**	**23**	**570**	5 U
Toluene	5	**5.2**	**5.4**	**13 J**	**9**	**64 J**	5 U
Ethylbenzene	5	**16**	**17**	**940**	**8.4**	**2800**	5 U
Total Xylene	5	**21**	**23**	**690**	**60**	**3100**	5 U
Other VOCs (ug/L)							
Styrene	5	**1.9 J**	**2.1 J**	50 U	**22**	100 U	5 U
PAHs (ug/L)							
Acenaphthene	20*	**3 J**	**3 J**	**60 J**	**1.4 J**	**140 J**	**2 J**
Naphthalene	10*	**43**	**56**	**2500**	**120**	**4000**	**4.1**

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE SHALLOW (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

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Williamsburg Works Former MGP Site
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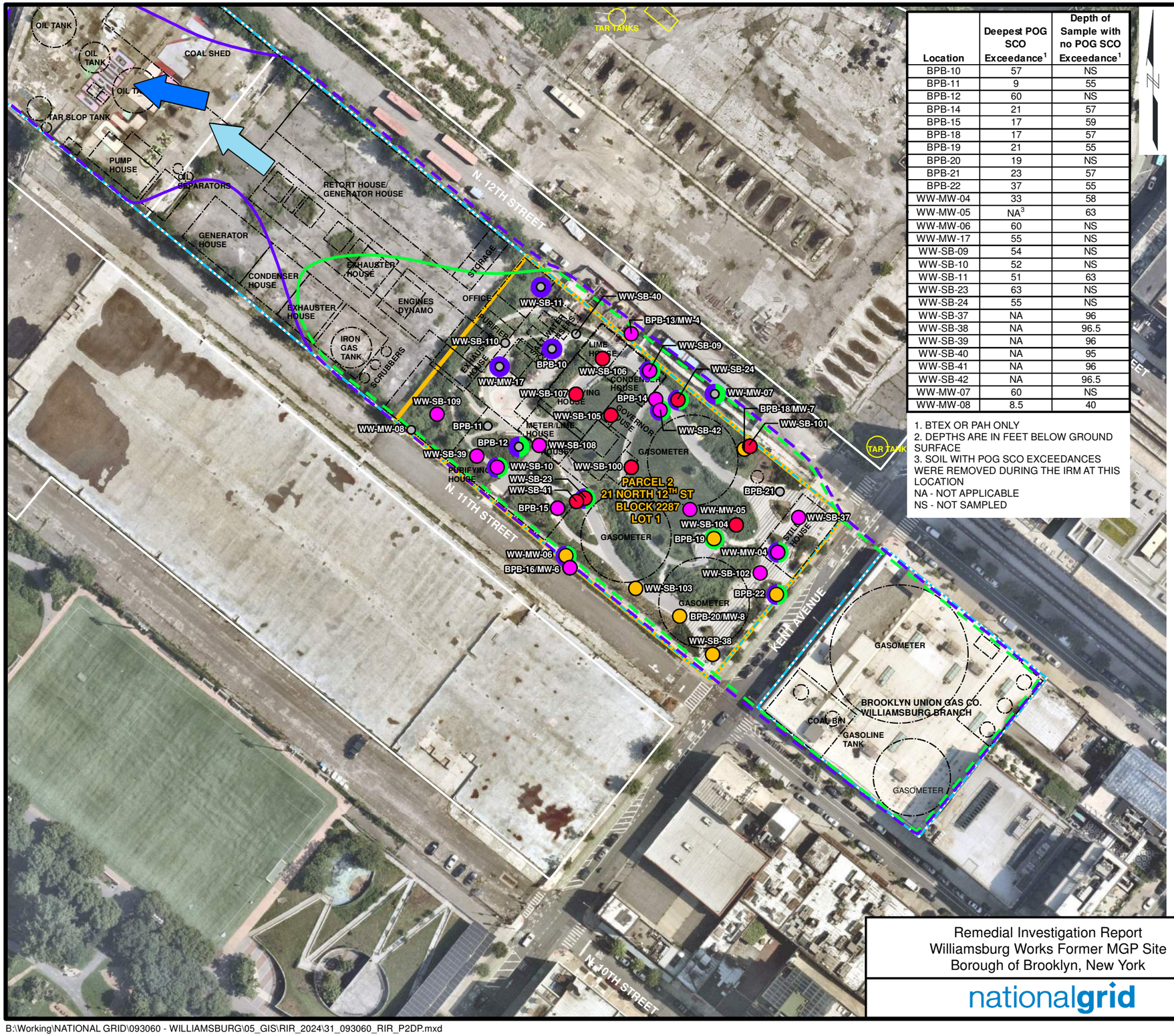
PARCEL 2 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 30

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\30_093060_RIR_P2SH.mxd



Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
BPB-10	57	NS
BPB-11	9	55
BPB-12	60	NS
BPB-14	21	57
BPB-15	17	59
BPB-18	17	57
BPB-19	21	55
BPB-20	19	NS
BPB-21	23	57
BPB-22	37	55
WW-MW-04	33	58
WW-MW-05	NA[3]	63
WW-MW-06	60	NS
WW-MW-17	55	NS
WW-SB-09	54	NS
WW-SB-10	52	NS
WW-SB-11	51	63
WW-SB-23	63	NS
WW-SB-24	55	NS
WW-SB-37	NA	96
WW-SB-38	NA	96.5
WW-SB-39	NA	96
WW-SB-40	NA	95
WW-SB-41	NA	96
WW-SB-42	NA	96.5
WW-MW-07	60	NS
WW-MW-08	8.5	40

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
3. SOIL WITH POG SCO EXCEEDANCES WERE REMOVED DURING THE IRM AT THIS LOCATION
NA - NOT APPLICABLE
NS - NOT SAMPLED

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
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Williamsburg Works Former MGP Site
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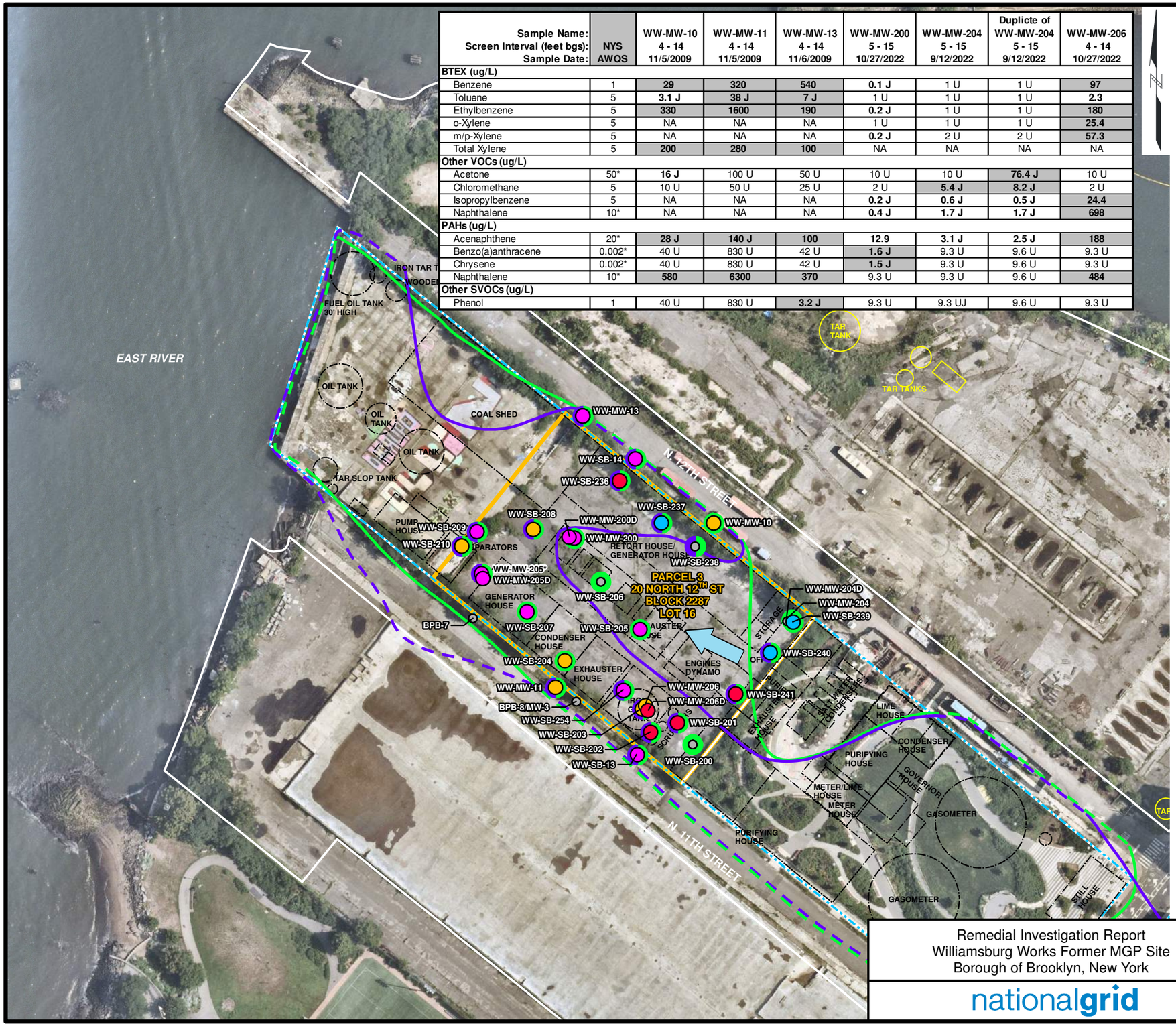
PARCEL 2 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 31

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\31_093060_RIR_P2DP.mxd

Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-MW-10 4 - 14 11/5/2009	WW-MW-11 4 - 14 11/5/2009	WW-MW-13 4 - 14 11/6/2009	WW-MW-200 5 - 15 10/27/2022	WW-MW-204 5 - 15 9/12/2022	Duplicte of WW-MW-204 5 - 15 9/12/2022	WW-MW-206 4 - 14 10/27/2022
BTEX (ug/L)								
Benzene	1	**29**	**320**	**540**	**0.1 J**	1 U	1 U	**97**
Toluene	5	**3.1 J**	**38 J**	**7 J**	1 U	1 U	1 U	**2.3**
Ethylbenzene	5	**330**	**1600**	**190**	**0.2 J**	1 U	1 U	**180**
o-Xylene	5	NA	NA	NA	1 U	1 U	1 U	**25.4**
m/p-Xylene	5	NA	NA	NA	**0.2 J**	2 U	2 U	**57.3**
Total Xylene	5	**200**	**280**	**100**	NA	NA	NA	NA
Other VOCs (ug/L)								
Acetone	50*	**16 J**	100 U	50 U	10 U	10 U	**76.4 J**	10 U
Chloromethane	5	10 U	50 U	25 U	2 U	**5.4 J**	**8.2 J**	2 U
Isopropylbenzene	5	NA	NA	NA	**0.2 J**	**0.6 J**	**0.5 J**	**24.4**
Naphthalene	10*	NA	NA	NA	**0.4 J**	**1.7 J**	**1.7 J**	**698**
PAHs (ug/L)								
Acenaphthene	20*	**28 J**	**140 J**	**100**	**12.9**	**3.1 J**	**2.5 J**	**188**
Benzo(a)anthracene	0.002*	40 U	830 U	42 U	**1.6 J**	9.3 U	9.6 U	9.3 U
Chrysene	0.002*	40 U	830 U	42 U	**1.5 J**	9.3 U	9.6 U	9.3 U
Naphthalene	10*	**580**	**6300**	**370**	9.3 U	9.3 U	9.6 U	**484**
Other SVOCs (ug/L)								
Phenol	1	40 U	830 U	**3.2 J**	9.3 U	9.3 UJ	9.6 U	9.3 U



LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- NAPL PRESENT IN MONITORING WELL, NO SAMPLE COLLECTED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
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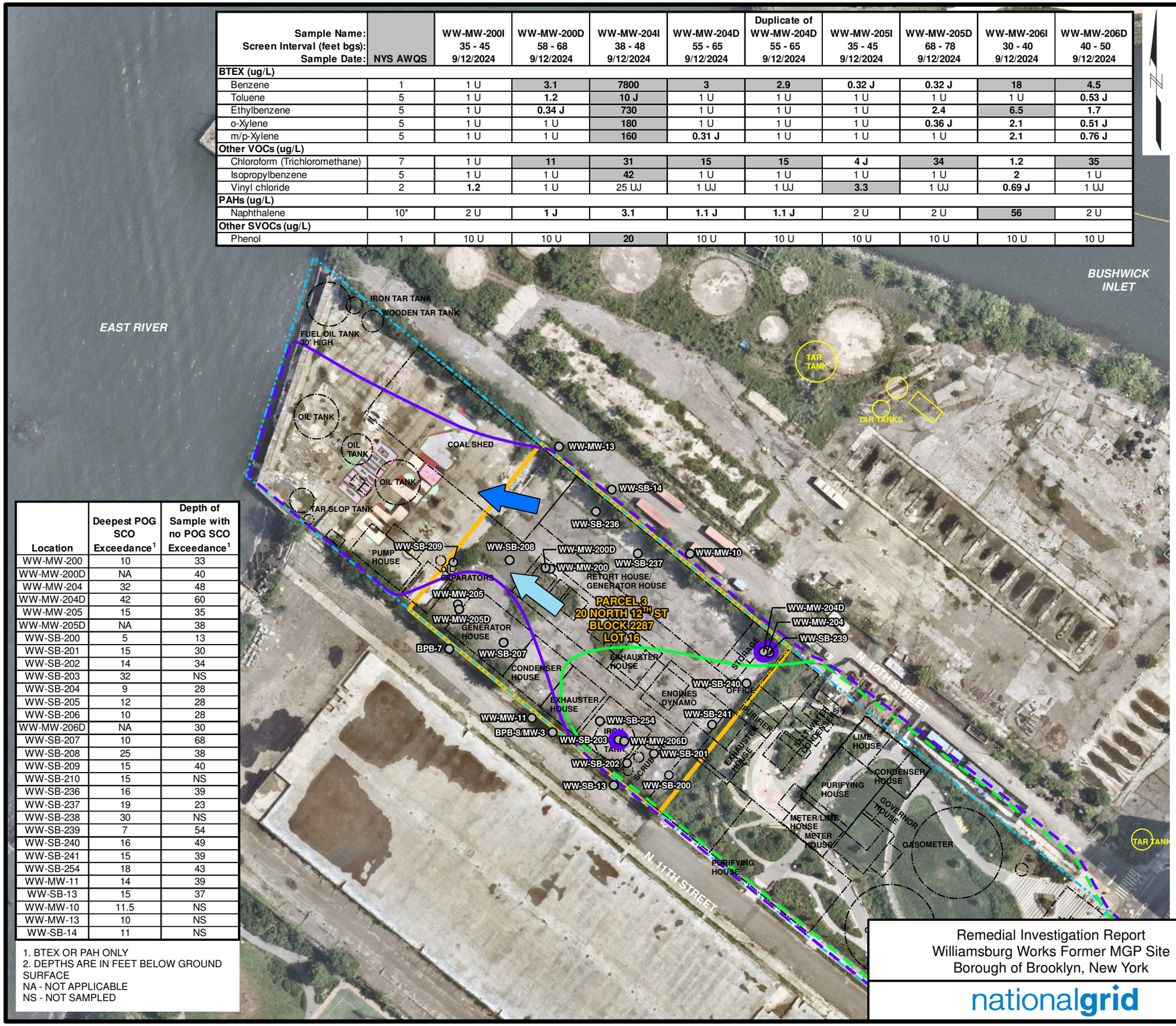
PARCEL 3 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 32

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\32_093060_RIR_P3SH.mxd

Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-MW-200I 35 - 45 9/12/2024	WW-MW-200D 58 - 68 9/12/2024	WW-MW-204I 38 - 48 9/12/2024	WW-MW-204D 55 - 65 9/12/2024	Duplicate of WW-MW-204D 55 - 65 9/12/2024	WW-MW-205I 35 - 45 9/12/2024	WW-MW-205D 68 - 78 9/12/2024	WW-MW-206I 30 - 40 9/12/2024	WW-MW-206D 40 - 50 9/12/2024
BTEX (ug/L)										
Benzene	1	1 U	**3.1**	**7800**	**3**	**2.9**	**0.32 J**	**0.32 J**	**18**	**4.5**
Toluene	5	1 U	**1.2**	**10 J**	1 U	1 U	1 U	1 U	1 U	**0.53 J**
Ethylbenzene	5	1 U	**0.34 J**	**730**	1 U	1 U	1 U	**2.4**	**6.5**	**1.7**
o-Xylene	5	1 U	1 U	**180**	1 U	1 U	1 U	**0.36 J**	**2.1**	**0.51 J**
m/p-Xylene	5	1 U	1 U	**160**	**0.31 J**	1 U	1 U	1 U	**2.1**	**0.76 J**
Other VOCs (ug/L)										
Chloroform (Trichloromethane)	7	1 U	**11**	**31**	**15**	**15**	**4 J**	**34**	**1.2**	**35**
Isopropylbenzene	5	1 U	1 U	**42**	1 U	1 U	1 U	1 U	**2**	1 U
Vinyl chloride	2	**1.2**	1 U	25 UJ	1 UJ	1 UJ	**3.3**	1 UJ	**0.69 J**	1 UJ
PAHs (ug/L)										
Naphthalene	10*	2 U	**1 J**	**3.1**	**1.1 J**	**1.1 J**	2 U	2 U	**56**	2 U
Other SVOCs (ug/L)										
Phenol	1	10 U	10 U	**20**	10 U	10 U	10 U	10 U	10 U	10 U



Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
WW-MW-200	10	33
WW-MW-200D	NA	40
WW-MW-204	32	48
WW-MW-204D	42	60
WW-MW-205	15	35
WW-MW-205D	NA	38
WW-SB-200	5	13
WW-SB-201	15	30
WW-SB-202	14	34
WW-SB-203	32	NS
WW-SB-204	9	28
WW-SB-205	12	28
WW-SB-206	10	28
WW-MW-206D	NA	30
WW-SB-207	10	68
WW-SB-208	25	38
WW-SB-209	15	40
WW-SB-210	15	NS
WW-SB-236	16	39
WW-SB-237	19	23
WW-SB-238	30	NS
WW-SB-239	7	54
WW-SB-240	16	49
WW-SB-241	15	39
WW-SB-254	18	43
WW-MW-11	14	39
WW-SB-13	15	37
WW-MW-10	11.5	NS
WW-MW-13	10	NS
WW-SB-14	11	NS

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
NA - NOT APPLICABLE
NS - NOT SAMPLED

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

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0 100 200
SCALE, FEET

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Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

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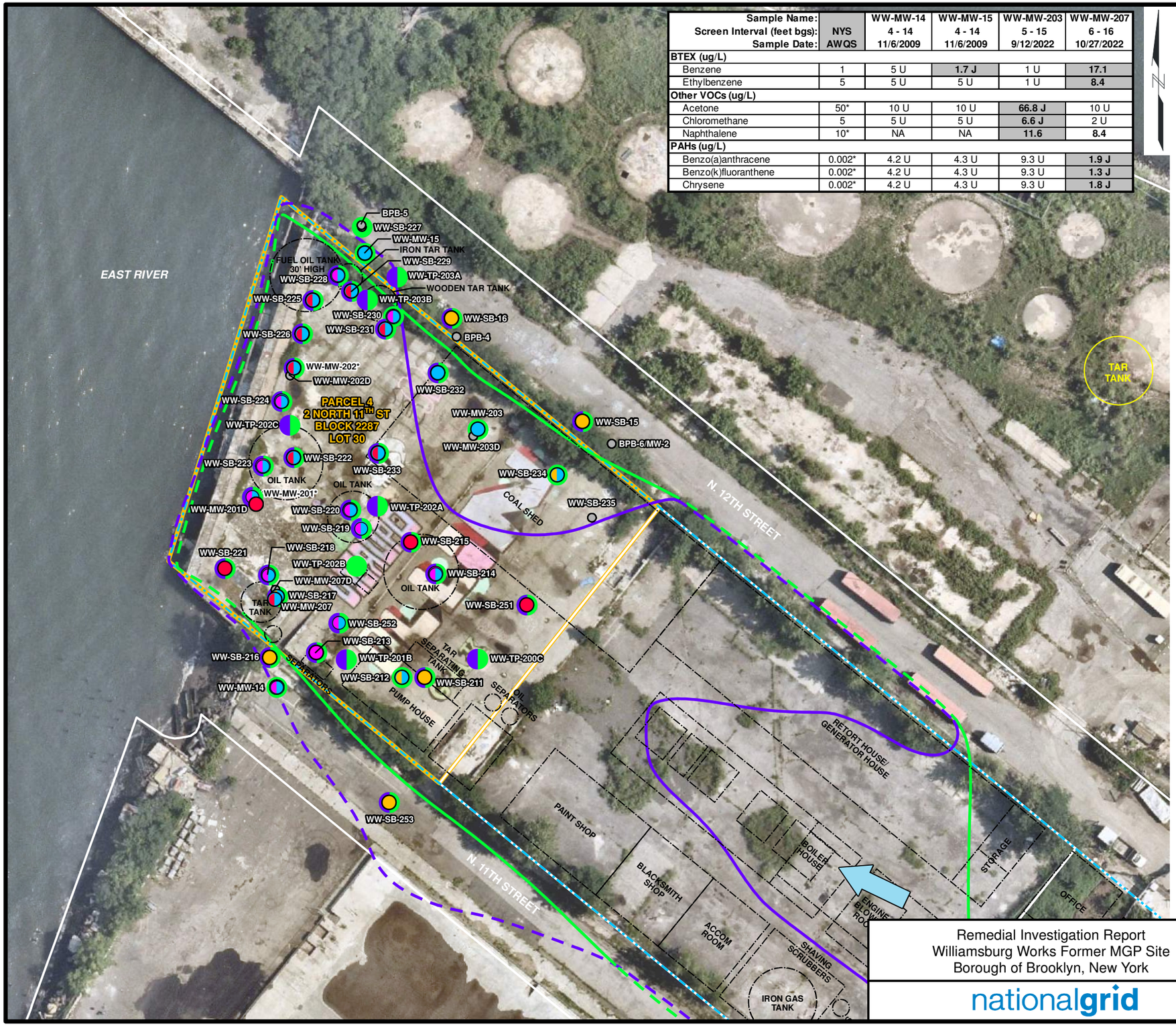
PARCEL 3 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 33

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\33_093060_RIR_P3DP.mxd

Sample Name: / Screen Interval (feet bgs): / Sample Date:	NYS AWQS	WW-MW-14 4 - 14 11/6/2009	WW-MW-15 4 - 14 11/6/2009	WW-MW-203 5 - 15 9/12/2022	WW-MW-207 6 - 16 10/27/2022
BTEX (ug/L)					
Benzene	1	5 U	**1.7 J**	1 U	**17.1**
Ethylbenzene	5	5 U	5 U	1 U	**8.4**
Other VOCs (ug/L)					
Acetone	50*	10 U	10 U	**66.8 J**	10 U
Chloromethane	5	5 U	5 U	**6.6 J**	2 U
Naphthalene	10*	NA	NA	**11.6**	**8.4**
PAHs (ug/L)					
Benzo(a)anthracene	0.002*	4.2 U	4.3 U	9.3 U	**1.9 J**
Benzo(k)fluoranthene	0.002*	4.2 U	4.3 U	9.3 U	**1.3 J**
Chrysene	0.002*	4.2 U	4.3 U	9.3 U	**1.8 J**



LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- NAPL PRESENT IN MONITORING WELL, NO SAMPLE COLLECTED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE SHALLOW (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

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Borough of Brooklyn, New York

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PARCEL 4 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 34

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\34_093060_RIR_P4SH.mxd

Sample Name:		WW-MW-201I	WW-MW-201D	WW-MW-202D	WW-MW-202I	WW-MW-203I	WW-MW-203D	WW-MW-207D	WW-MW-207I
Screen Interval (feet bgs):	NYS	40 - 50	60 - 70	67 - 77	38 - 48	35 - 45	65 - 75	60 - 70	35 - 45
Sample Date:	AWQS	9/12/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024	9/12/2024
BTEX (ug/L)									
Benzene	1	1 U	**1.5**	1 U	**0.33 J**	1 U	1 U	1 U	1 U
Other VOCs (ug/L)									
Chloroform (Trichloromethane)	7	**0.34 J**	**1.1**	**3.1**	1 U	**1.1**	**47**	**6.7**	1 U

Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
WW-MW-201	30	45
WW-MW-201D	NA	43
WW-MW-202	22	40
WW-MW-202D	NA	70
WW-MW-203	12	22
WW-MW-203D	NA	38
WW-MW-207D	NA	42
WW-SB-211	12	30
WW-SB-212	15	75
WW-SB-213	25	35
WW-SB-214	13	30
WW-SB-215	20	35
WW-SB-217	25	40
WW-SB-218	20	35
WW-SB-219	15	35
WW-SB-220	20	35
WW-SB-221	18	67
WW-SB-222	15	48
WW-SB-223	20	42
WW-SB-224	20	35
WW-SB-225	25	NS
WW-SB-226	25	35
WW-SB-228	20	40
WW-SB-229	20	40
WW-SB-230	8	34
WW-SB-231	25	NS
WW-SB-232	17	70
WW-SB-233	22	35
WW-SB-234	5	5
WW-SB-235	NA	0
WW-SB-251	14	23
WW-SB-252	15	25
WW-TP-200C	10	NS
WW-TP-201B	10.5	NS
WW-TP-202A	10	NS
WW-TP-202B	12	NS
WW-TP-202C	10	NS
WW-TP-203B	14	NS
WW-MW-14	37	55
WW-SB-216	25	38
WW-SB-253	15	25
WW-MW-15	13	NS
WW-SB-15	9	NS
WW-SB-16	13	NS
WW-SB-227	5	NS
WW-TP-203A	2.5	NS

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
NA - NOT APPLICABLE
NS - NOT SAMPLED

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

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0 60 120
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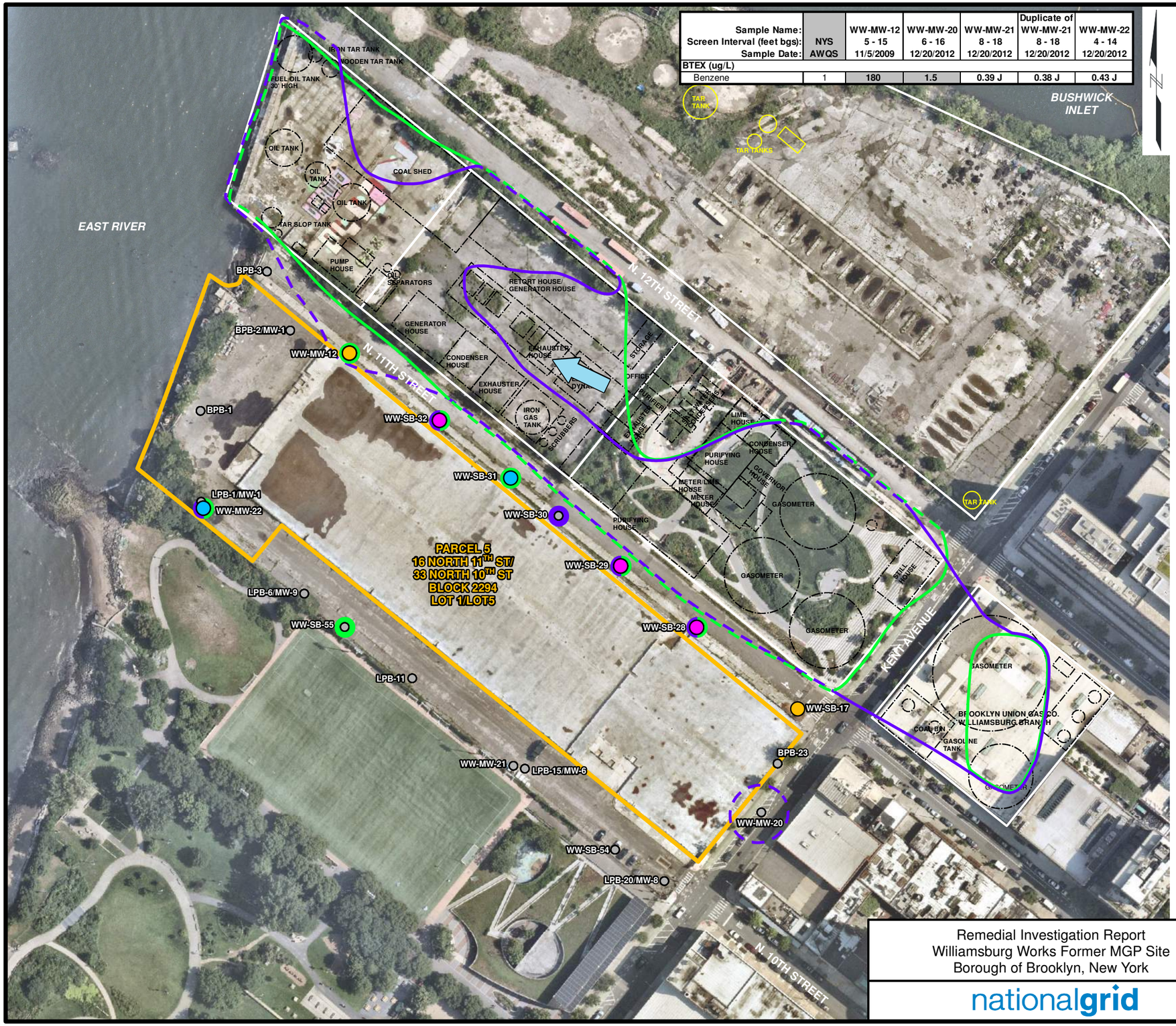
PARCEL 4 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 35

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\35_093060_RIR_P4DP.mxd

Sample Name:	NYS	WW-MW-12	WW-MW-20	WW-MW-21	Duplicate of WW-MW-21	WW-MW-22
Screen Interval (feet bgs):	AWQS	5 - 15	6 - 16	8 - 18	8 - 18	4 - 14
Sample Date:		11/5/2009	12/20/2012	12/20/2012	12/20/2012	12/20/2012
BTEX (ug/L)						
Benzene	1	180	1.5	0.39 J	0.38 J	0.43 J



LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE SHALLOW (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
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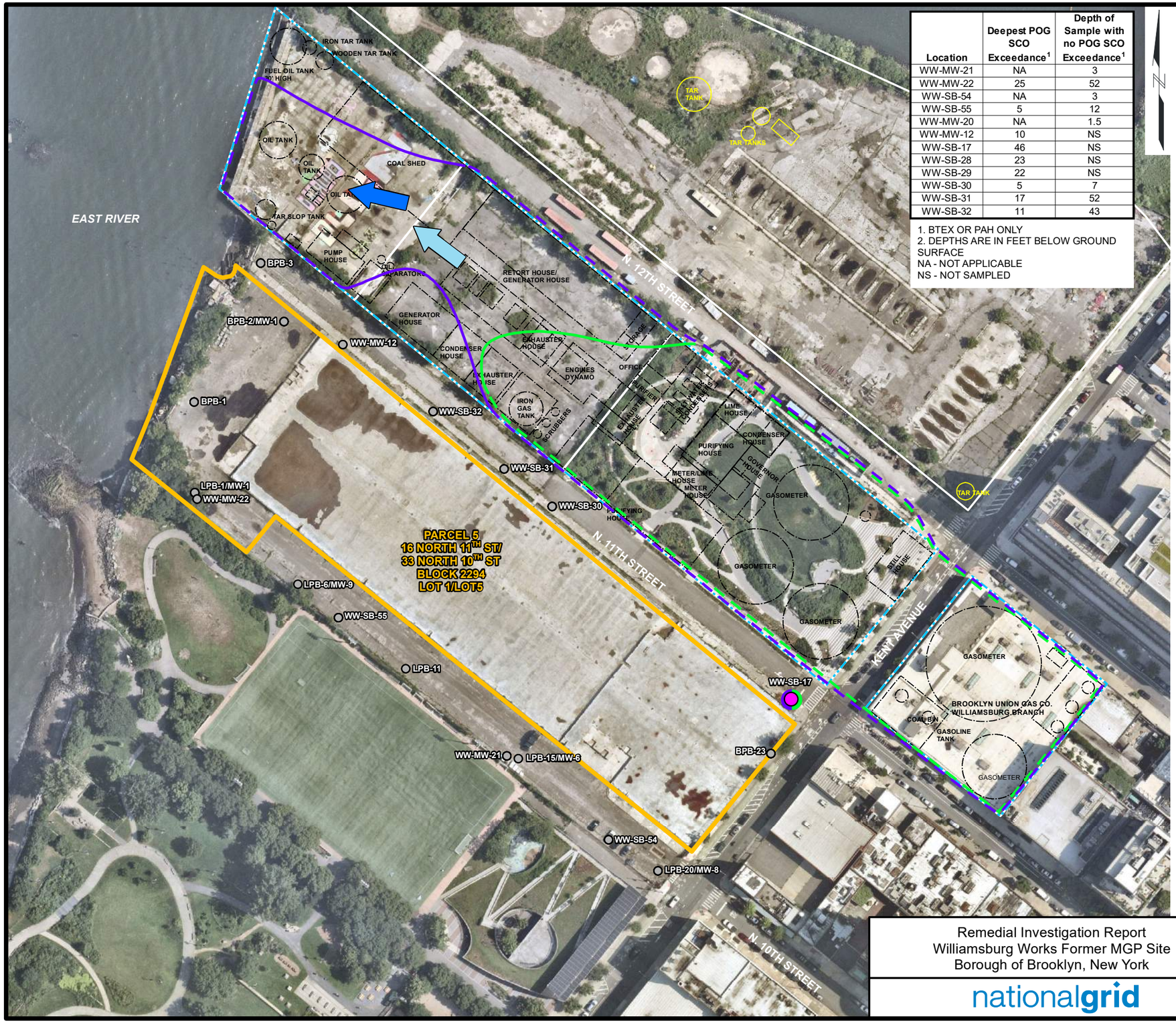
PARCEL 5 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 36

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\36_093060_RIR_P5SH.mxd



Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
WW-MW-21	NA	3
WW-MW-22	25	52
WW-SB-54	NA	3
WW-SB-55	5	12
WW-MW-20	NA	1.5
WW-MW-12	10	NS
WW-SB-17	46	NS
WW-SB-28	23	NS
WW-SB-29	22	NS
WW-SB-30	5	7
WW-SB-31	17	52
WW-SB-32	11	43

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
NA - NOT APPLICABLE
NS - NOT SAMPLED

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
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- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
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0 120 240
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PARCEL 5 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 37

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\37_093060_RIR_P5DP.mxd

Sample Name:	NYS AWQS	WW-MW-16	WW-MW-18	WW-MW-19
Screen Interval (feet bgs):		4 - 14	4 - 14	4 - 14
Sample Date:		11/4/2009	12/20/2012	12/20/2012
		No Exceedances		

BUSHWICK INLET

EAST RIVER

PARCEL 6
1-26 NORTH 12TH ST
BLOCK 2277
LOT 1

B-34 B-12A B-15A B-24A WW-MW-19 WW-SB-36 WW-SB-250 WW-SB-249B WW-SB-249A WW-SB-242 WW-SB-49 WW-SB-248B WW-SB-248A WW-SB-48 B-31/MW-31 WW-SB-35 WW-SB-247B WW-SB-247A WW-SB-34 WW-SB-246B WW-SB-246A WW-SB-243B WW-SB-243A WW-SB-245B WW-SB-245A WW-SB-244B WW-SB-244A WW-SB-46 WW-SB-25 WW-SB-45 WW-SB-26 WW-SB-44 WW-SB-27 B-20A WW-SB-18 WW-SB-50 WW-SB-53 WW-SB-52 B-16A WW-SB-47 B-13A B-30 WW-MW-18 B-28/MW-28 B-29 WW-SB-51 B-33/MW-33 BPB-9 B-7A WW-SB-43 B-32 WW-MW-16

IRON TAR TANK
WOODEN TAR TANK
FUEL OIL TANK 30' HIGH
OIL TANK
OIL TANK
OIL TANK
COAL SHED
TAR SLOP TANK
PUMP HOUSE
OIL SEPARATORS
RETORT HOUSE/ GENERATOR HOUSE
GENERATOR HOUSE
CONDENSER HOUSE
EXHAUSTER HOUSE
EXHAUSTER/ HOUSE
IRON GAS TANK
SCRUBBERS
STORAGE
OFFICE
PURIFIER HOUSE
EXHAUSTER HOUSE
STATION METER HOUSE
LIME HOUSE
CONDENSER HOUSE
PURIFYING HOUSE
GOVERNOR HOUSE
METER/LIME HOUSE
METER HOUSE
PURIFYING HOUSE
GASOMETER
GASOMETER
GASOMETER
STILL HOUSE
COAL BIN
GASOL TANK
TAR TANKS
TAR TANK
TAR TANK

N. 12TH STREET
N. 11TH STREET
KENT AVENUE
N. 10TH STREET

N

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
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- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
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- GROUNDWATER FLOW DIRECTION LOW TIDE SHALLOW (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
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10. URS CORPORATION IRM DESIGN INVESTIGATION BORING LOGS AND LOCATION MAP PROVIDED TO GEI CONSULTANTS, INC. VIA EMAIL ON FEBRUARY 12, 2013.

0 120 240
SCALE, FEET

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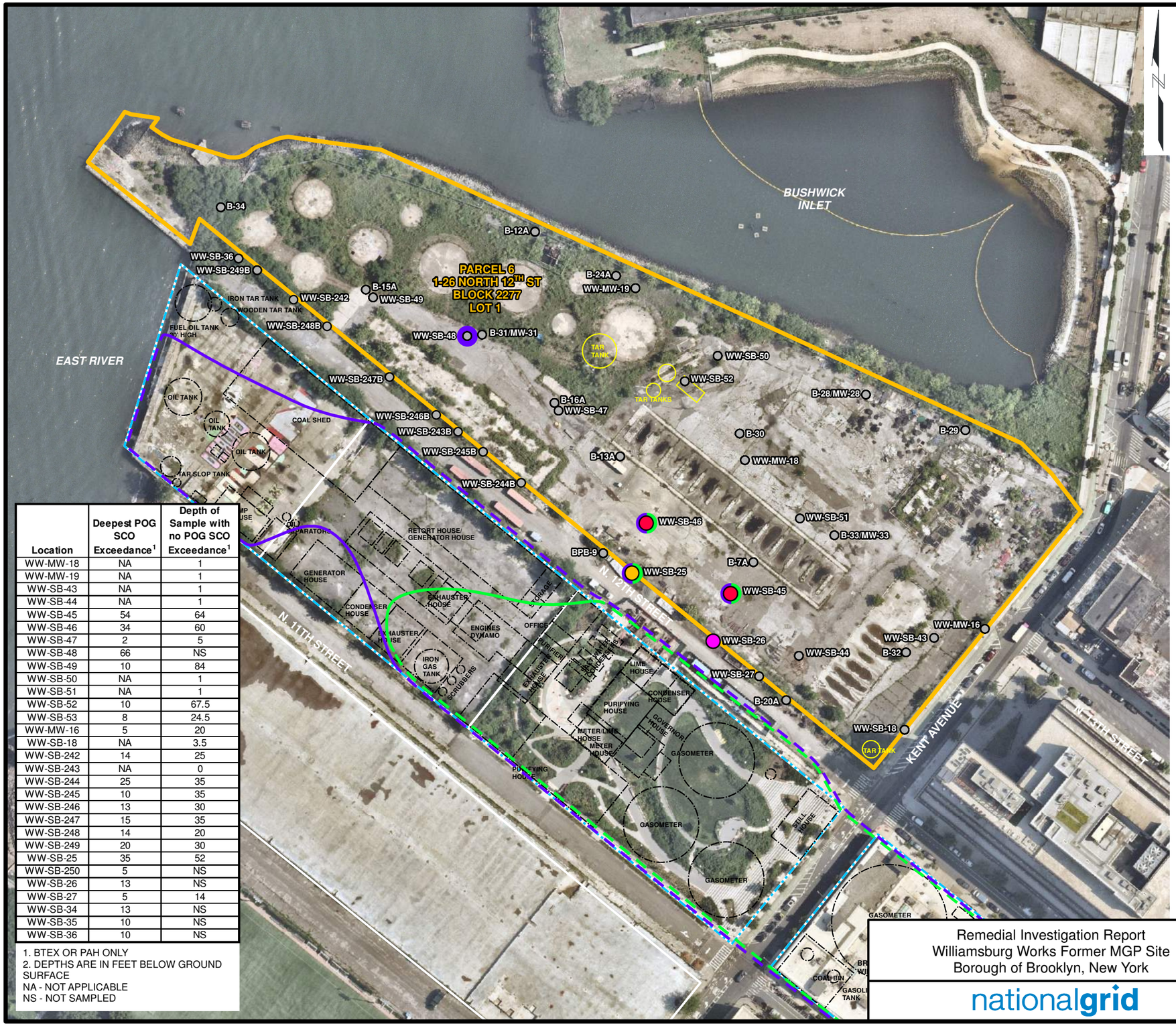
PARCEL 6 EXCEEDANCES ABOVE 30 FEET

Project 093060 | August 2025 | Fig. 38

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\38_093060_RIR_P6SH.mxd



Location	Deepest POG SCO Exceedance[1]	Depth of Sample with no POG SCO Exceedance[1]
WW-MW-18	NA	1
WW-MW-19	NA	1
WW-SB-43	NA	1
WW-SB-44	NA	1
WW-SB-45	54	64
WW-SB-46	34	60
WW-SB-47	2	5
WW-SB-48	66	NS
WW-SB-49	10	84
WW-SB-50	NA	1
WW-SB-51	NA	1
WW-SB-52	10	67.5
WW-SB-53	8	24.5
WW-MW-16	5	20
WW-SB-18	NA	3.5
WW-SB-242	14	25
WW-SB-243	NA	0
WW-SB-244	25	35
WW-SB-245	10	35
WW-SB-246	13	30
WW-SB-247	15	35
WW-SB-248	14	20
WW-SB-249	20	30
WW-SB-25	35	52
WW-SB-250	5	NS
WW-SB-26	13	NS
WW-SB-27	5	14
WW-SB-34	13	NS
WW-SB-35	10	NS
WW-SB-36	10	NS

1. BTEX OR PAH ONLY
2. DEPTHS ARE IN FEET BELOW GROUND SURFACE
NA - NOT APPLICABLE
NS - NOT SAMPLED

LEGEND

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- PETROLEUM IMPACTS SATURATION & SHEEN
- NO NAPL OBSERVED
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX AND PAH COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR BTEX COMPOUNDS
- SOIL EXCEEDANCE OF POG SCOs FOR PAH COMPOUNDS
- INDIVIDUAL BTEX COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- INDIVIDUAL PAH COMPOUNDS THAT EXCEED AWQS (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION LOW TIDE INTERMEDIATE (9/11/2024)
- GROUNDWATER FLOW DIRECTION LOW TIDE DEEP (9/11/2024)
- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

SOURCE:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM HTTP://WWW.OASISNYC.NET ACCESSED JANUARY 2008.
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0 120 240
SCALE, FEET

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PARCEL 6 EXCEEDANCES BELOW 30 FEET

Project 093060 | August 2025 | Fig. 39

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\39_093060_RIR_P6DP.mxd

SOURCE:
1. ESRI WORLD IMAGERY
2. HISTORIC RARE PLANTS AND ANIMALS LAYER FROM NYDEC ENVIRONMENTAL RESOURCE MAPPER (www.dec.ny.gov/imsmaps/erm/viewer.htm)
3. OPEN SPACE AND OUTDOOR RECREATION FROM MAPPLUTO, UPDATED NOV 2009.

0 750 1,500
SCALE, FEET

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Borough of Brooklyn, New York

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FISH AND WILDLIFE RESOURCES

Project 093060 | August 2025 | Fig. 40

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\05_GIS\RIR_2024\40_093060_RIR_FISH.mxd

Plates

Plate 1 Sample Locations and Lines of Section

Plate 2 Historic Structures and Sample Location Map

Plate 3 Geologic Cross Sections A-A', B-B'

Plate 4 Geologic Cross Sections C-C', D-D', E-E', and F-F'

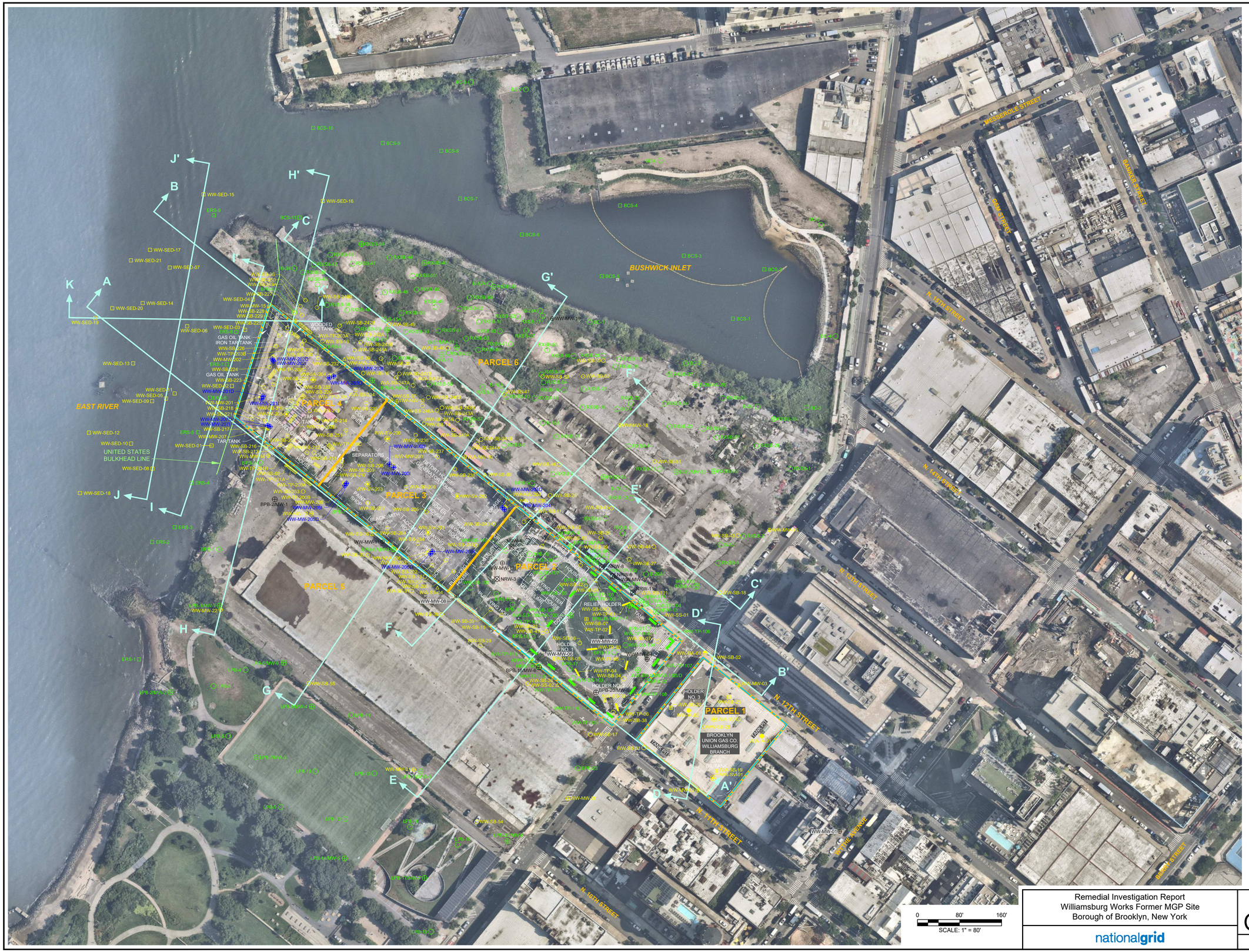
Plate 5 Geologic Cross Sections G-G' and H-H'

Plate 6 Geologic Cross Sections, I-I', J-J' and K-K'

Plate 7 September 11, 2024 High Tide Shallow Contours and Groundwater Analytical Summary

Plate 8 September 11, 2024 High Tide Intermediate Contours and Groundwater Analytical Summary

Plate 9 September 11, 2024 High Tide Deep Contours and Groundwater Analytical Summary



0 80' 160'

SCALE: 1" = 80'

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- CROSS SECTION LOCATION

2024 REMEDIAL INVESTIGATION SAMPLES

- SOIL BORING AND MONITORING WELL

PREVIOUS REMEDIAL INVESTIGATION SAMPLES

- SOIL BORING AND MONITORING WELL
- ABANDONED/DESTROYED MONITORING WELL
- SOIL BORING WITH TEMPORARY GROUNDWATER POINT
- SOIL BORING
- INDOOR AIR
- OUTDOOR AIR
- SOIL VAPOR POINT
- SURFACE SOIL
- SEDIMENT CORE
- TEST PIT

OTHER INVESTIGATION SAMPLES

- MONITORING WELL
- ABANDONED/DESTROYED MONITORING WELL
- RECOVERY WELL
- ABANDONED/DESTROYED RECOVERY WELL
- SOIL BORING
- SEDIMENT CORE
- TEST PIT

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
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11. URS CORPORATION, NAPL RECOVERY WELLS, CONSTRUCTION COMPLETION REPORT, NOVEMBER 2014.
12. 2022 RI SOIL BORINGS, SOIL VAPOR SAMPLES, TEST PITS AND MONITORING WELLS SURVEYED BY MJ ENGINEERING AND LAND SURVEYING, P.C., HORIZONTAL DATUM: NAD83/2011, NYSPCS LONG ISLAND ZONE (3104), VERTICAL DATUM: NAVD88, GEOID18, SURVEY DATE: 10/25/2022.
13. *SITE INVESTIGATION REPORT, FORMER BAYSIDE FUEL OIL DEPOT, 26 NORTH 12TH/ STREET*, PREPARED BY ROUX ENVIRONMENTAL ENGINEERING FOR EXXONMOBIL OIL CORPORATION, FEBRUARY 24, 2021.

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SAMPLE LOCATIONS AND LINES OF SECTION

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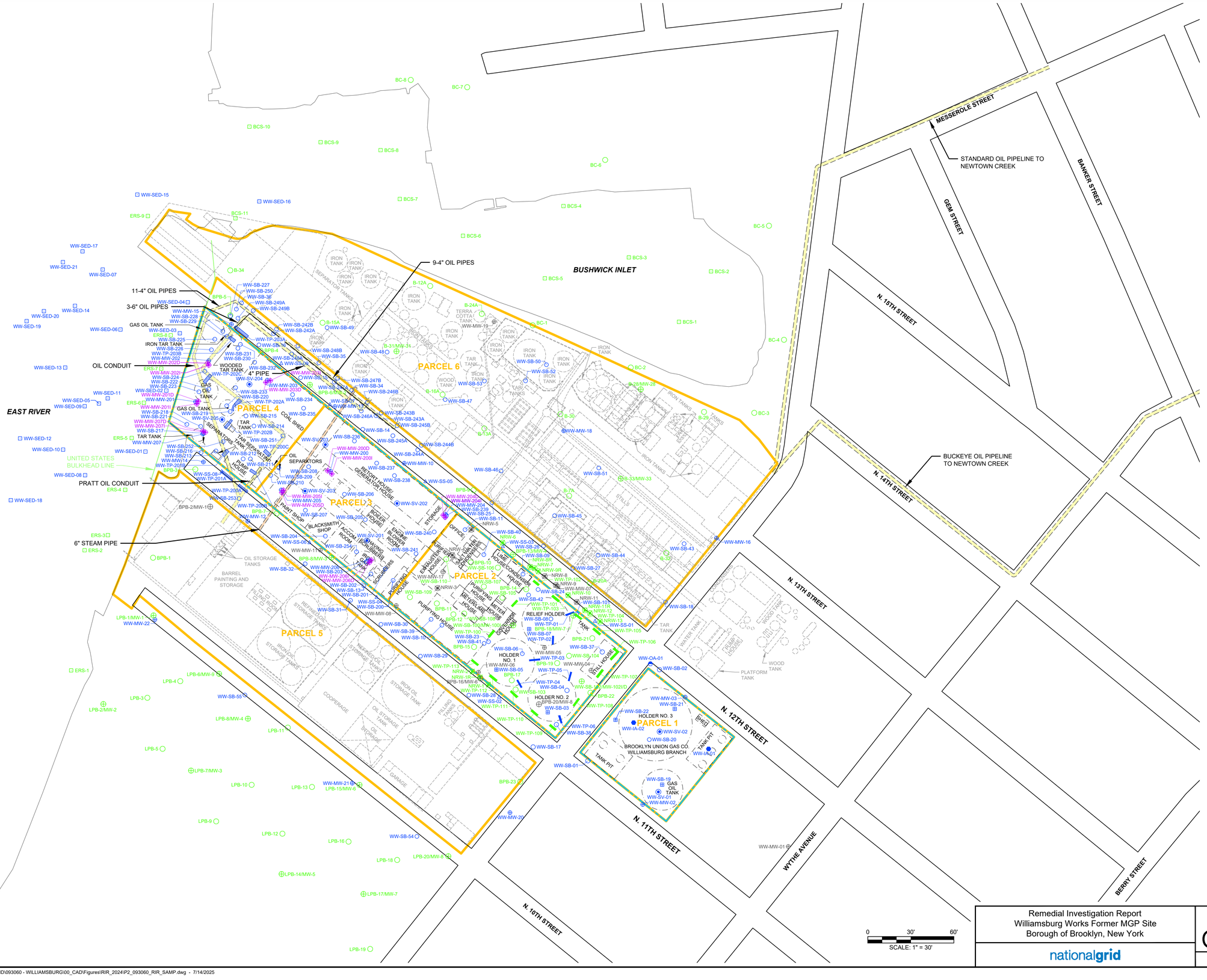
---- B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\P1_093060_RIR_XSEC.dwg - 8/27/2025



LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- OIL CONDUIT
- OIL CONDUIT (INFERRED)
- STEAM PIPE
- HISTORIC MGP STRUCTURES
- HISTORIC NON-MGP STRUCTURES

2024 REMEDIAL INVESTIGATION SAMPLES

- SOIL BORING AND MONITORING WELL

PREVIOUS REMEDIAL INVESTIGATION SAMPLES

- MONITORING WELL
- ABANDONED/DESTROYED MONITORING WELL
- SOIL BORING WITH TEMPORARY GROUNDWATER POINT
- SOIL BORING
- INDOOR AIR
- OUTDOOR AIR
- SOIL VAPOR POINT
- SURFACE SOIL
- SEDIMENT CORE
- TEST PIT

OTHER INVESTIGATION SAMPLES

- MONITORING WELL
- ABANDONED/DESTROYED MONITORING WELL
- RECOVERY WELL
- ABANDONED/DESTROYED RECOVERY WELL
- SOIL BORING
- SEDIMENT CORE
- TEST PIT

SOURCES:

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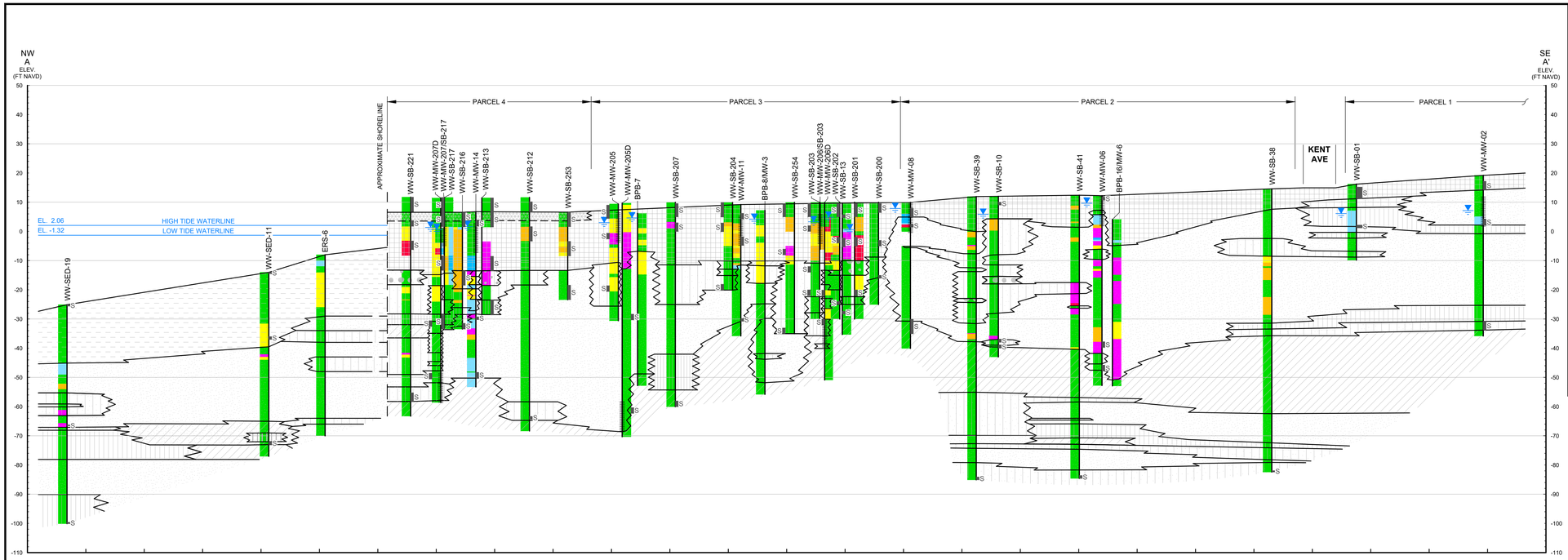
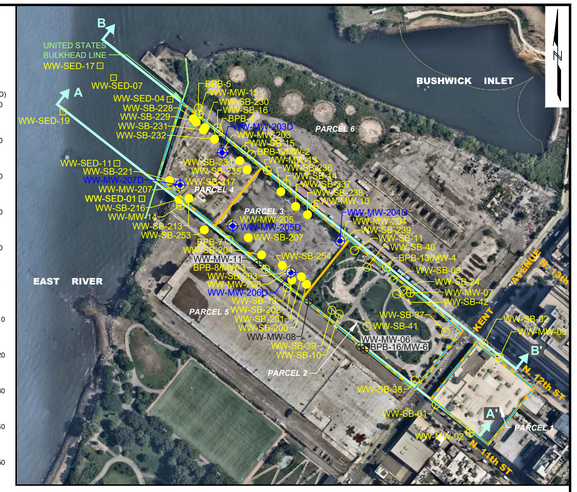
HISTORICAL STRUCTURES AND SAMPLE LOCATION MAP

Project 093060 | August 2025 | Plate 2

B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\P2_093060_RIR_SAMP.dwg - 7/14/2025





CROSS-SECTION LOCATION

0 200' 400'

SCALE: 1" = 200'

CROSS SECTION LOCATION LEGEND

- A A' — GEOLOGIC CROSS-SECTION LOCATION

2024 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

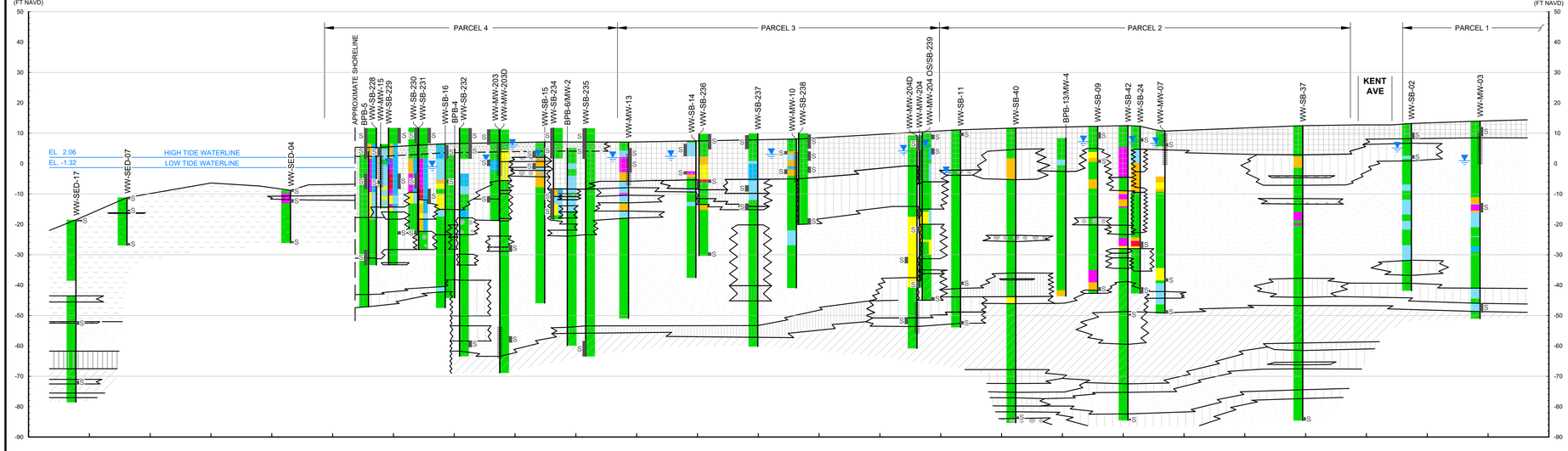
- SOIL BORING AND MONITORING WELL

2022 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

- SOIL BORING
- SOIL BORING AND MONITORING WELL

PREVIOUS INVESTIGATION SAMPLE LOCATIONS

- MONITORING WELL LOCATION
- ABANDONED/DESTROYED MONITORING WELL LOCATION
- SOIL BORING LOCATION
- SEDIMENT CORE LOCATION



CROSS SECTION LEGEND

GEOLOGIC UNIT

- POST-MGP FILL / FILL WEDGE
- FILL
- IRM EXCAVATION

ALLUVIAL DEPOSITS

- ORGANIC SOIL
- PEAT
- SILT (SHALLOW)
- CLAY (SHALLOW)

GLACIAL DEPOSITS

- SAND
- SILTY SAND
- SILT (DEEP)
- ELASTIC SILT
- GRAVEL
- SILTY GRAVEL
- CLAYEY SAND
- CLAY (DEEP)

PHYSICAL OBSERVATIONS

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED
- OBSERVED APPARENT GROUNDWATER TABLE
- CONTACT
- BOUNDARY IS APPROXIMATED
- WW-MW-14 — SOIL BORING, MONITORING WELL OR SEDIMENT CORING IDENTIFICATION
- S — SAMPLE LOCATION
- WELL SCREEN INTERVAL

NOTES:

1. HIGH AND LOW TIDE WATERLINE MEASUREMENTS ARE FROM THE 12/19/12 GROUNDWATER GAUGING EVENT.
2. IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.

SOURCES:

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2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
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HORIZONTAL SCALE: 1" = 60'

0 60' 120'

0 20' 40'

VERTICAL SCALE: 1" = 20'

NOTE: 3x VERTICAL EXAGGERATION

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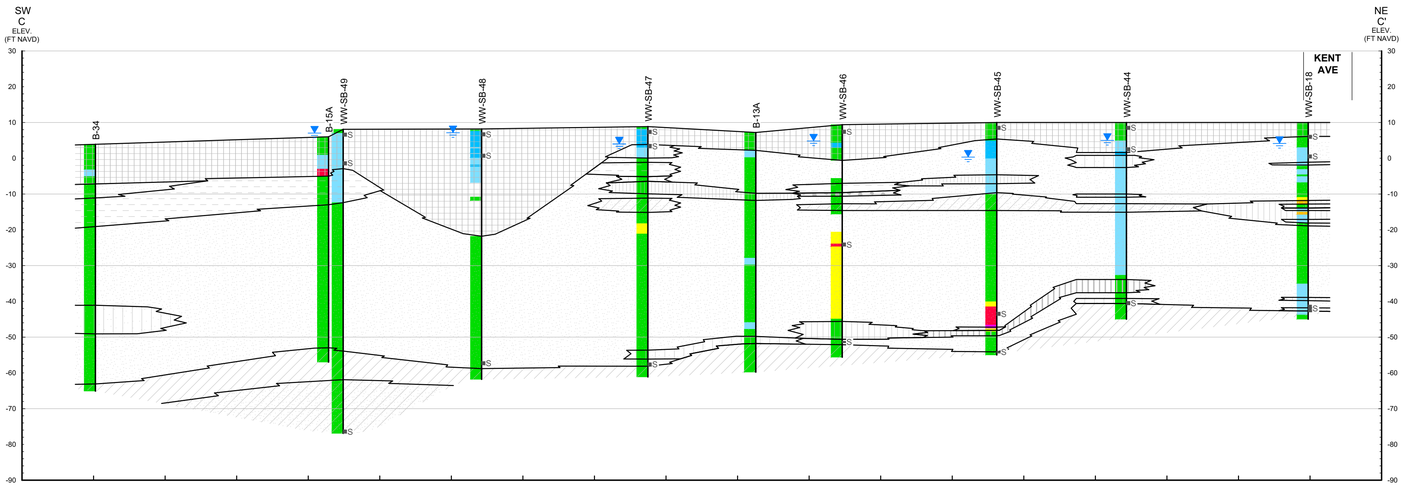
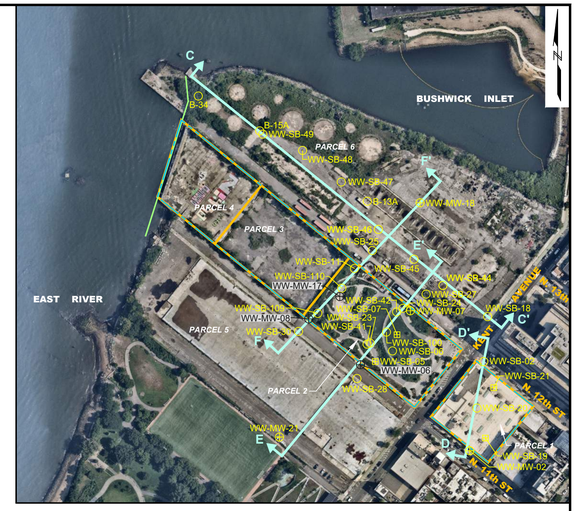
GEOLOGIC CROSS SECTIONS
A-A' AND B-B'

Project 093060 | August 2025 | Plate 3

---- B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\P3-6_093060_RIR_XSCS.dwg - 7/14/2025

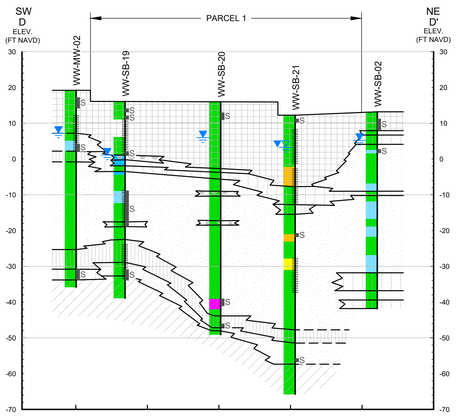




CROSS-SECTION LOCATION

0 200' 400'

SCALE: 1" = 200'



CROSS SECTION LEGEND

GEOLOGIC UNIT

- POST-MGP FILL / FILL WEDGE
- FILL
- IRM EXCAVATION

ALLUVIAL DEPOSITS

- ORGANIC SOIL
- PEAT
- SILT (SHALLOW)
- CLAY (SHALLOW)

GLACIAL DEPOSITS

- SAND
- SILTY SAND
- SILT (DEEP)
- ELASTIC SILT
- GRAVEL
- SILTY GRAVEL
- CLAYEY SAND
- CLAY (DEEP)

PHYSICAL OBSERVATIONS

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED

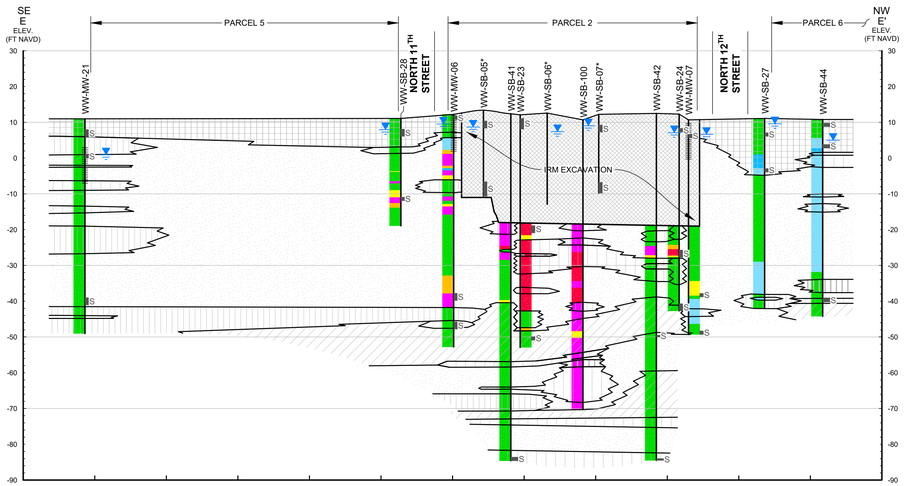
- OBSERVED APPARENT GROUNDWATER TABLE
- CONTACT
- BOUNDARY IS APPROXIMATED
- WW-MW-14 — SOIL BORING, MONITORING WELL OR SEDIMENT CORING IDENTIFICATION
- S — SAMPLE LOCATION
- WELL SCREEN INTERVAL

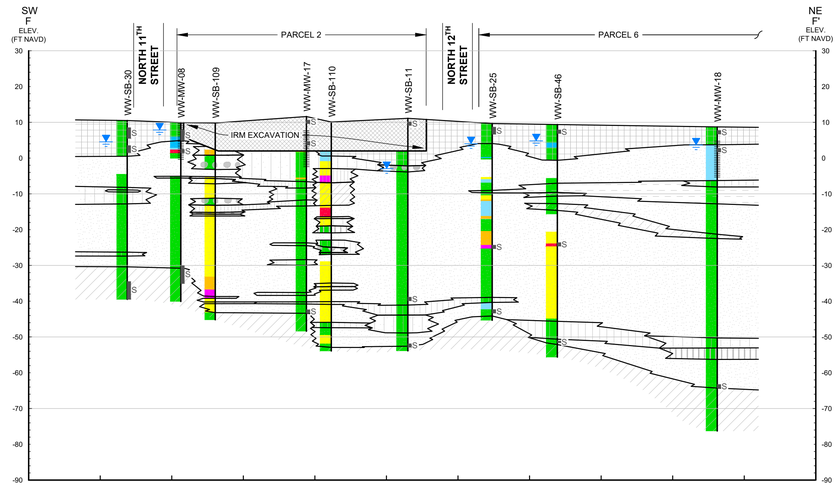
CROSS SECTION LOCATION LEGEND

- C C' — GEOLOGIC CROSS-SECTION LOCATION

PREVIOUS INVESTIGATION SAMPLE LOCATIONS

- MONITORING WELL LOCATION
- ABANDONED/DESTROYED MONITORING WELL LOCATION
- SOIL BORING LOCATION
- SEDIMENT CORE LOCATION





HORIZONTAL SCALE: 1" = 60'

0 60' 120'

VERTICAL SCALE: 1" = 20'

0 20' 40'

NOTE: 3x VERTICAL EXAGGERATION

NOTES:

1. HIGH AND LOW TIDE WATERLINE MEASUREMENTS ARE FROM THE 12/19/12 GROUNDWATER GAUGING EVENT.
2. IMPACTS SHOWN ON PARCEL 2, N.11TH STREET, AND N. 12TH STREET ARE BASED ON IMPACTS OBSERVED DURING INSTALLATION OF THE SOIL BORING, NOT FOLLOWING THE NAPL RECOVERY IRM.
3. RI BORING WW-MW-11 WAS USED IN CROSS SECTION F-F' RATHER THAN PREVIOUS BORING BPP-8/MW-3 WHICH IS LOCATED CLOSER TO THE CROSS SECTION LINE.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
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GEOLOGIC CROSS SECTIONS
C-C', D-D', E-E', AND F-F'

Project 093060 | August 2025 | Plate 4

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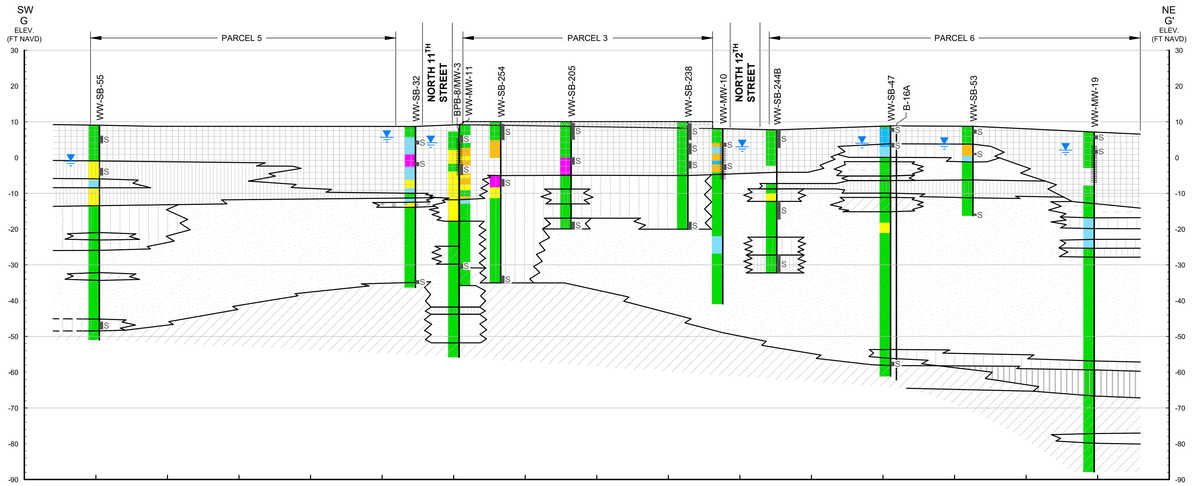

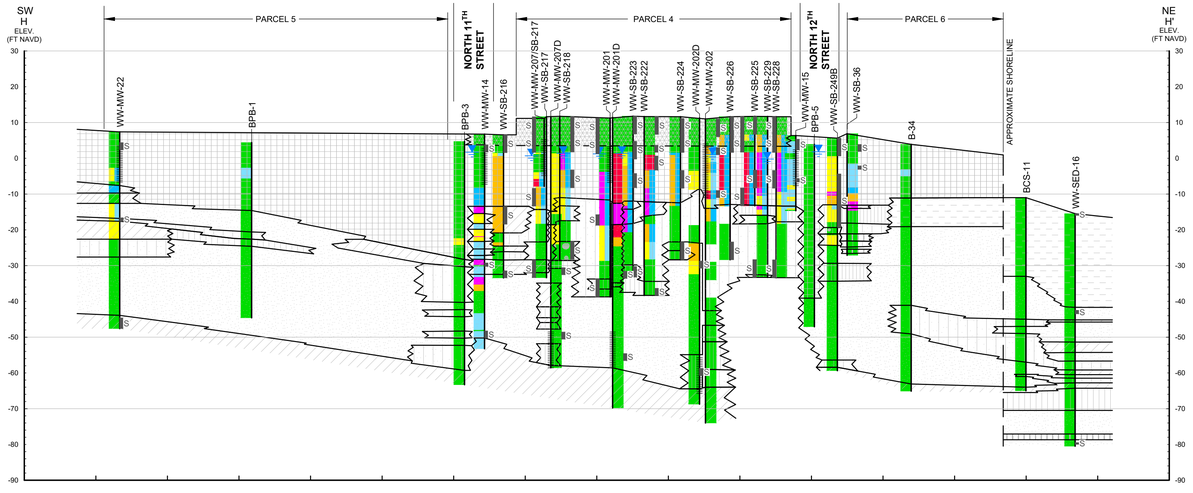

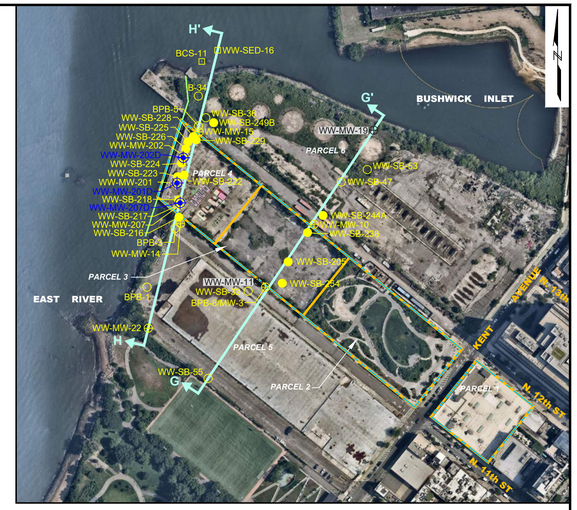

CROSS-SECTION LOCATION

0 200' 400'

SCALE: 1" = 200'

CROSS SECTION LOCATION LEGEND

- G G' — GEOLOGIC CROSS-SECTION LOCATION

2024 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

- SOIL BORING AND MONITORING WELL

2022 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

- SOIL BORING
- SOIL BORING AND MONITORING WELL

PREVIOUS INVESTIGATION SAMPLE LOCATIONS

- MONITORING WELL LOCATION
- ABANDONED/DESTROYED MONITORING WELL LOCATION
- SOIL BORING LOCATION
- SEDIMENT CORE LOCATION

CROSS SECTION LEGEND

GEOLOGIC UNIT

- POST-MGP FILL / FILL WEDGE
- FILL
- IRM EXCAVATION

ALLUVIAL DEPOSITS

- ORGANIC SOIL
- PEAT
- SILT (SHALLOW)
- CLAY (SHALLOW)

GLACIAL DEPOSITS

- SAND
- SILTY SAND
- SILT (DEEP)
- ELASTIC SILT
- GRAVEL
- SILTY GRAVEL
- CLAYEY SAND
- CLAY (DEEP)

PHYSICAL OBSERVATIONS

- NAPL IMPACTS SATURATED
- NAPL IMPACTS COATED MATERIAL, LENSES
- NAPL IMPACTS BLEBS, GLOBS, SHEEN
- NAPL IMPACTS STAINING
- PETROLEUM IMPACTS SATURATION & SHEEN
- PETROLEUM IMPACTS STAINING
- NO IMPACT OBSERVED
- OBSERVED APPARENT GROUNDWATER TABLE
- CONTACT
- BOUNDARY IS APPROXIMATED
- WW-MW-14 — SOIL BORING, MONITORING WELL OR SEDIMENT CORING IDENTIFICATION
- S — SAMPLE LOCATION
- WELL SCREEN INTERVAL

NOTE:

1. HIGH AND LOW TIDE WATERLINE MEASUREMENTS ARE FROM THE 12/19/12 GROUNDWATER GAUGING EVENT.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 27, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM http://www.oasisnyc.net, ACCESSED JANUARY 2008.
5. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.
6. SITE INVESTIGATION REPORT, BAYSIDE FUEL OIL COMPANY, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
7. SITE INVESTIGATION REPORT PROPERTY WEST OF KENT AVENUE BETWEEN AND INCLUDING NORTH 10TH AND NORTH 12TH STREETS, PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., NOVEMBER 2006.
6. SITE INVESTIGATION REPORT, 9TH STREET EQUITIES, LLC., PREPARED BY: METCALF AND EDDY OF NEW YORK, INC., AUGUST 2006.

HORIZONTAL SCALE: 1" = 60'

0 60' 120'

0 20' 40'

VERTICAL SCALE: 1" = 20'

NOTE: 3x VERTICAL EXAGGERATION

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough Of Brooklyn, New York

nationalgrid

GEI Consultants

GEOLOGIC CROSS SECTIONS
G-G' AND H-H'

Project 093060 | August 2025 | Plate 5

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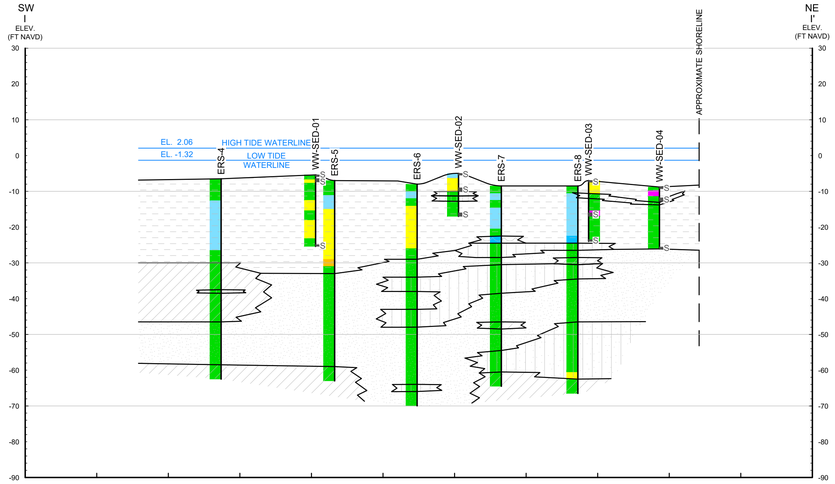
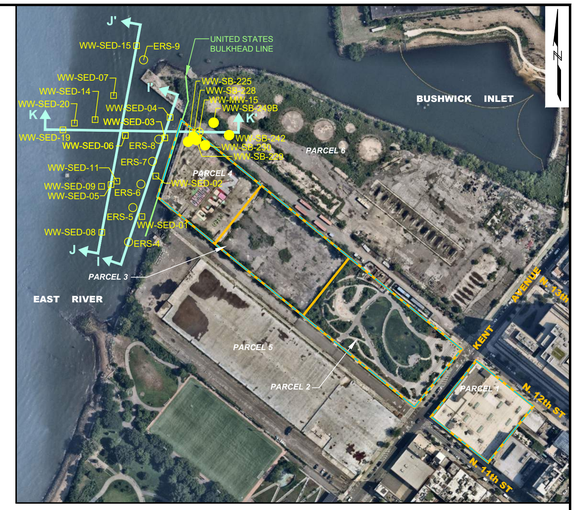




CROSS-SECTION LOCATION

0 200' 400'

SCALE: 1" = 200'

CROSS SECTION LOCATION LEGEND

I I' GEOLOGIC CROSS-SECTION LOCATION

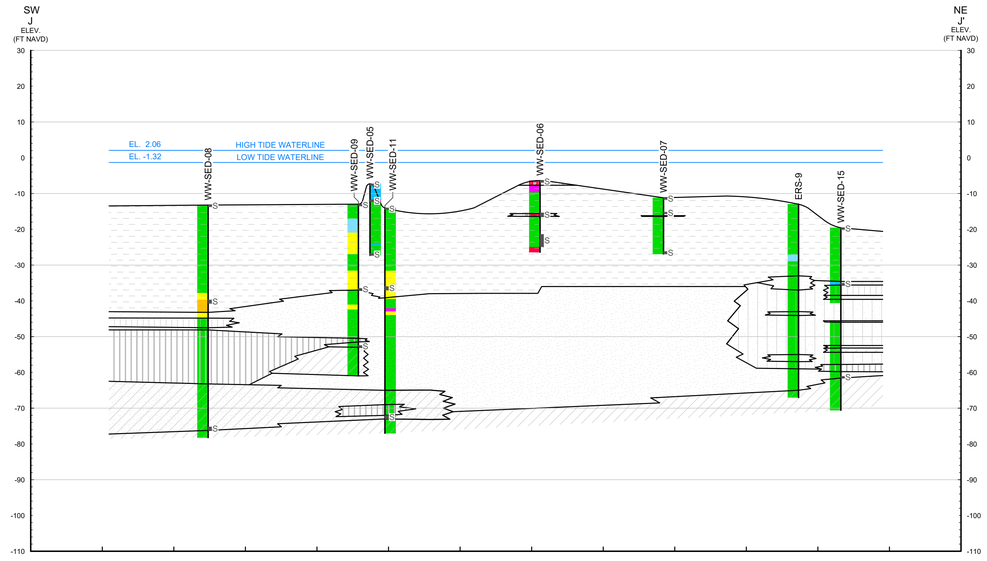
2022 REMEDIAL INVESTIGATION SAMPLE LOCATIONS

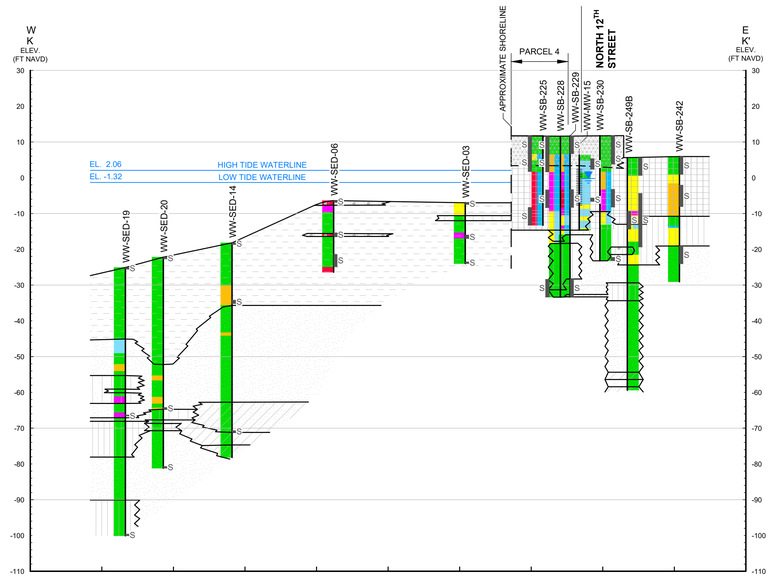
SOIL BORING

PREVIOUS INVESTIGATION SAMPLE LOCATIONS

SOIL BORING LOCATION

SEDIMENT CORE LOCATION





CROSS SECTION LEGEND

GEOLOGIC UNIT

- POST-MGP FILL / FILL WEDGE
- FILL
- IRM EXCAVATION

ALLUVIAL DEPOSITS

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NOTE:

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NOTE: 3x VERTICAL EXAGGERATION

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough Of Brooklyn, New York

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Project 093060

GEOLOGIC CROSS SECTIONS
I-I', J-J', AND K-K'

August 2025

Plate 6

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Sample Name:	NYS	WW-MW-203
Sample Date:	AWQS	9/12/2022
BTEX (ug/L)		
Total BTEX	NE	ND
Other VOCs (ug/L)		
Acetone	50*	**66.8 J**
Chloromethane	5	**6.6 J**
Naphthalene	10*	**11.6**
Total VOCs	NE	**85.9**
PAHs (ug/L)		
Total PAHs	NE	**22.4**
Other SVOCs (ug/L)		
Total SVOCs	NE	**34.4**
PFAS (ng/L)		
Perfluorooctanesulfonic acid (PFOS)[2]*		**19**
Perfluorooctanoic Acid (PFOA)	6.7*	**24**
Total Metals (ug/L)		
Iron	300	**6490**
Magnesium	35000*	**39900**
Manganese	300	**498**
Sodium	20000	**536000**

Sample Name:	NYS	WW-MW-207
Sample Date:	AWQS	10/27/2022
BTEX (ug/L)		
Benzene	1	**17.1**
Ethylbenzene	5	**8.4**
Total BTEX	NE	**29.2**
Other VOCs (ug/L)		
Total VOCs	NE	**46.1**
PAHs (ug/L)		
Benzo(a)anthracene	0.002*	**1.9 J**
Benzo(k)fluoranthene	0.002*	**1.3 J**
Benzo(a)pyrene	ND	**1.9 J**
Chrysene	0.002*	**1.8 J**
Total PAHs	NE	**35.5**
Other SVOCs (ug/L)		
Total SVOCs	NE	**37.7**
Total Metals (ug/L)		
Iron	300	**1590 J**
Lead	25	**26.1**
Magnesium	35000*	**461000 J**
Sodium	20000	**3990000 J**

Sample Name:	NYS	WW-MW-14	WW-MW-14	Duplicate of WW-MW-14
Sample Date:	AWQS	11/6/2009	3/20/2019	3/20/2019
BTEX (ug/L)				
Total BTEX	NE	ND	NA	NA
Other VOCs (ug/L)				
Total VOCs	NE	ND	NA	NA
PAHs (ug/L)				
Total PAHs	NE	ND	NA	NA
Other SVOCs (ug/L)				
Total SVOCs	NE	ND	NA	NA
PFAS (ng/L)				
Perfluorooctanesulfonic acid (PFOS)	2.7*	NA	**19.5 J**	**20.6 J**
Perfluorooctanoic Acid (PFOA)	6.7*	NA	**9.71**	**9.89**
Total Metals (ug/L)				
Arsenic	25	**32 J**	NA	NA
Chromium	50	**74.2**	NA	NA
Iron	300	**334 J**	NA	NA
Magnesium	35000*	**697000**	NA	NA
Nickel	100	**159 J**	NA	NA
Sodium	20000	**5990000**	NA	NA

Sample Name:	NYS	WW-MW-200
Sample Date:	AWQS	10/27/2022
BTEX (ug/L)		
Total BTEX	NE	**0.5**
Other VOCs (ug/L)		
Total VOCs	NE	**2.4**
PAHs (ug/L)		
Benzo(a)anthracene	0.002*	**1.6 J**
Benzo(a)pyrene	ND	**1.5 J**
Chrysene	0.002*	**1.5 J**
Other SVOCs (ug/L)		
Total SVOCs	NE	**47.3**
PFAS (ng/L)		
Perfluorooctanesulfonic acid (PFOS)[2]*		**100**
Perfluorooctanoic Acid (PFOA)	6.7*	**16 J**
Total Metals (ug/L)		
Iron	300	**2350 J**
Manganese	300	**558**
Sodium	20000	**36700 J**

Sample Name:	NYS	WW-MW-12	WW-MW-12
Sample Date:	AWQS	11/5/2009	3/20/2019
BTEX (ug/L)			
Benzene	1	**180**	NA
Total BTEX	NE	**187.79**	NA
Other VOCs (ug/L)			
Total VOCs	NE	**187.79**	NA
PAHs (ug/L)			
Total PAHs	NE	**1.59**	NA
Other SVOCs (ug/L)			
Total SVOCs	NE	**1.59**	NA
PFAS (ng/L)			
Perfluorooctanesulfonic acid (PFOS)[2]*		NA	**100 J**
Perfluorooctanoic Acid (PFOA)	6.7*	NA	**57.5**
Total Metals (ug/L)			
Iron	300	**1940**	NA
Magnesium	35000*	**79400**	NA
Manganese	300	**613**	NA
Sodium	20000	**1080000**	NA

Sample Name:	NYS	WW-MW-22
Sample Date:	AWQS	12/20/2012
BTEX (ug/L)		
Total BTEX	NE	**0.69**
Other VOCs (ug/L)		
Total VOCs	NE	**1.42**
PAHs (ug/L)		
Total PAHs	NE	**9.99**
Other SVOCs (ug/L)		
Total SVOCs	NE	**9.99**
Total Metals (ug/L)		
Iron	300	**2200 J**
Magnesium	35000*	**430000**
Selenium	10	**34**
Sodium	20000	**3100000**

Sample Name:	NYS	WW-MW-11
Sample Date:	AWQS	11/5/2009
BTEX (ug/L)		
Benzene	1	**320**
Toluene	5	**1600**
Ethylbenzene	5	**1600**
Total Xylene	5	**280**
Total BTEX	NE	**2238**
Other VOCs (ug/L)		
Total VOCs	NE	**2238**
PAHs (ug/L)		
Acenaphthene	20*	**140 J**
Naphthalene	10*	**6300**
Total PAHs	NE	**7060**
Other SVOCs (ug/L)		
Total SVOCs	NE	**7060**
Pesticides (ug/L)		
delta-BHC (delta-Hexachlorocyclohexane)	0.04	**0.041 J**
Total Metals (ug/L)		
Iron	300	**1740**
Manganese	300	**559**
Sodium	20000	**362000**
Cyanides (ug/L)		
Total Cyanide	200	**211**

Sample Name:	NYS	WW-MW-206
Sample Date:	AWQS	10/27/2022
BTEX (ug/L)		
Benzene	1	**97**
Ethylbenzene	5	**180**
o-Xylene	5	**25.4**
m/p-Xylene	5	**57.3**
Total BTEX	NE	**362**
Other VOCs (ug/L)		
Isopropylbenzene	5	**24.4**
Naphthalene	10*	**698**
Total VOCs	NE	**1088**
PAHs (ug/L)		
Acenaphthene	20*	**188**
Naphthalene	10*	**484**
Total PAHs	NE	**761.7**
Other SVOCs (ug/L)		
Total SVOCs	NE	**775.6**
Total Metals (ug/L)		
Iron	300	**596 J**
Manganese	300	**638**
Sodium	20000	**55600 J**

Sample Name:	NYS	WW-MW-08
Sample Date:	AWQS	11/5/2009
BTEX (ug/L)		
Benzene	1	**570**
Toluene	5	**64 J**
Ethylbenzene	5	**2800**
Total Xylene	5	**3100**
Total BTEX	NE	**6534**
Other VOCs (ug/L)		
Total VOCs	NE	**6534**
PAHs (ug/L)		
Acenaphthene	20*	**140 J**
Naphthalene	10*	**4000**
Total PAHs	NE	**4680**
Other SVOCs (ug/L)		
Total SVOCs	NE	**4680**
Total Metals (ug/L)		
Iron	300	**4690**
Sodium	20000	**525000**
Cyanides (ug/L)		
Total Cyanide	200	**323**

Sample Name:	NYS	WW-MW-21	Duplicate of WW-MW-21
Sample Date:	AWQS	12/20/2012	12/20/2012
BTEX (ug/L)			
Total BTEX	NE	**0.39**	**0.38**
Other VOCs (ug/L)			
Total VOCs	NE	**4.94**	**4.55**
PAHs (ug/L)			
Total PAHs	NE	ND	**0.23**
Other SVOCs (ug/L)			
Total SVOCs	NE	ND	**0.23**
Total Metals (ug/L)			
Iron	300	**3900 J**	**3900 J**
Manganese	300	**1200**	**1200**
Sodium	20000	**110000**	**110000**

Sample Name:	NYS	WW-MW-06
Sample Date:	AWQS	11/4/2009
BTEX (ug/L)		
Benzene	1	**270**
Toluene	5	**13 J**
Ethylbenzene	5	**940**
Total Xylene	5	**690**
Total BTEX	NE	**1913**
Other VOCs (ug/L)		
Total VOCs	NE	**1913**
PAHs (ug/L)		
Acenaphthene	20*	**60 J**
Naphthalene	10*	**2500**
Total PAHs	NE	**2724**
Other SVOCs (ug/L)		
Total SVOCs	NE	**2724**
Total Metals (ug/L)		
Iron	300	**11400**
Manganese	300	**790**
Sodium	20000	**873000**

Sample Name:	NYS	WW-MW-20
Sample Date:	AWQS	12/20/2012
BTEX (ug/L)		
Benzene	1	**1.5**
Total BTEX	NE	**1.5**
Other VOCs (ug/L)		
cis-1,2-Dichloroethene	5	**14**
Total VOCs	NE	**14**
PAHs (ug/L)		
Total PAHs	NE	**0.87**
Other SVOCs (ug/L)		
Total SVOCs	NE	**0.87**
Pesticides (ug/L)		
beta-BHC (beta-Hexachlorocyclohexane)	0.04	**0.063**
Total Metals (ug/L)		
Iron	300	**9480**
Magnesium	35000*	**37300**
Manganese	300	**3480**
Sodium	20000	**496000**

Sample Name:	NYS	WW-MW-02
Sample Date:	AWQS	11/4/2009
BTEX (ug/L)		
Total BTEX	NE	ND
Other VOCs (ug/L)		
cis-1,2-Dichloroethene	5	**14**
Total VOCs	NE	**14**
PAHs (ug/L)		
Total PAHs	NE	**0.87**
Other SVOCs (ug/L)		
Total SVOCs	NE	**0.87**
Total Metals (ug/L)		
Iron	300	**9480**
Magnesium	35000*	**37300**
Manganese	300	**3480**
Sodium	20000	**496000**

Sample Name:	NYS	WW-SB-19 (5-15)
Sample Date:	AWQS	7/28/2009
BTEX (ug/L)		
Benzene	1	**79**
Toluene	5	**170**
Ethylbenzene	5	**35**
Total Xylene	5	**190**
Total BTEX	NE	**474**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**7.9**
cis-1,2-Dichloroethene	5	**1.1 J**
trans-1,2-Dichloroethene	5	5 U
Trichloroethene (TCE)	5	5 U
Total VOCs	NE	**483**
PAHs (ug/L)		
Benzo(a)anthracene	0.002*	**0.8 J**
Chrysene	0.002*	**0.92 J**
Naphthalene	10*	**6.8**
Total PAHs	NE	**54.72**
Other SVOCs (ug/L)		
Total SVOCs	NE	**60.52**
Total Metals (ug/L)		
Iron	300	**34900**
Magnesium	35000*	**13200**
Manganese	300	**581**
Sodium	20000	**43400 J**
Cyanides (ug/L)		
Total Cyanide	200	**29.2**

Sample Name:	NYS	WW-MW-01
Sample Date:	AWQS	11/4/2009
Total BTEX	NE	ND
Other VOCs (ug/L)		
Total VOCs	NE	ND
PAHs (ug/L)		
Total PAHs	NE	**0.53**
Other SVOCs (ug/L)		
Total SVOCs	NE	**0.53**
Total Metals (ug/L)		
Iron	300	**25500**
Magnesium	35000*	**36600**
Manganese	300	**2080**
Sodium	20000	**294000**

Sample Name:	NYS	WW-SB-22
Sample Date:	AWQS	7/8/2009
BTEX (ug/L)		
Benzene	1	**43**
Toluene	5	5 U
Ethylbenzene	5	**1 J**
Total Xylene	5	5 U
Total BTEX	NE	**44**
Other VOCs (ug/L)		
Acetone	50*	10 U
cis-1,2-Dichloroethene	5	5 U
Styrene	5	5 U
Vinyl chloride	2	5 U
Total VOCs	NE	**44**
PAHs (ug/L)		
Acenaphthene	20*	**3.1 J**
Indeno(1,2,3-cd)pyrene	0.002*	**5.3**
Naphthalene	10*	4 U
Total PAHs	NE	**18.82**
Other SVOCs (ug/L)		
Total SVOCs	NE	**26.08**
Pesticides (ug/L)		
Aldrin	ND	0.05 U
Total Metals (ug/L)		
Iron	300	**3390**
Magnesium	35000*	**34100**
Manganese	300	**1820**
Sodium	20000	**93500 J**
Other (ug/L)		
Ammonia	2000	**960**

Sample Name:	NYS	WW-MW-16
Sample Date:	AWQS	11/4/2009
BTEX (ug/L)		
Total BTEX	NE	ND
Other VOCs (ug/L)		
Total VOCs	NE	ND
PAHs (ug/L)		
Total PAHs	NE	ND
Other SVOCs (ug/L)		
Total SVOCs	NE	**0.64**
Total Metals (ug/L)		
Iron	300	**13400**
Manganese	300	**899**
Sodium	20000	**210000**

Sample Name:	NYS	WW-MW-05
Sample Date:	AWQS	11/5/2009
BTEX (ug/L)		
Benzene	1	**9200**
Toluene	5	**13000**
Ethylbenzene	5	**2700**
Total Xylene	5	**6200**
Total BTEX	NE	**31100**
Other VOCs (ug/L)		
Styrene	5	**2600**
Total VOCs	NE	**33700**
PAHs (ug/L)		
Naphthalene	10*	**6600**
Total PAHs	NE	**7627**
Other SVOCs (ug/L)		
2-Methylphenol (o-Cresol)	1	**34 J**
4-Methylphenol (p-Cresol)	1	**34 J**
Total SVOCs	NE	**7695**
Pesticides (ug/L)		
beta-BHC (beta-Hexachlorocyclohexane)	0.04	**0.14 J**
delta-BHC (delta-Hexachlorocyclohexane)	0.04	**0.057 JN**
Total Metals (ug/L)		
Iron	300	**2840**
Manganese	300	**566**
Sodium	20000	**779000**

Sample Name:	NYS	WW-MW-04	Duplicate of WW-MW-04
Sample Date:	AWQS	11/4/2009	11/5/2009
BTEX (ug/L)			
Benzene	1	**8.7**	**9.2**
Toluene	5	**5.2**	**5.4**
Ethylbenzene	5	**16**	**17**
Total Xylene	5	**21**	**23**
Total BTEX	NE	**50.9**	**54.6**
Other VOCs (ug/L)			
Total VOCs	NE	**61.91**	**66.9**
PAHs (ug/L)			
Naphthalene	10*	**43**	**56**
Total PAHs	NE	**124.4**	**150.2**
Other SVOCs (ug/L)			
Total SVOCs	NE	**126.6**	**153.1**
Total Metals (ug/L)			
Iron	300	**2330**	**2350**
Sodium	20000	**363000**	**356000**

Sample Name:	NYS	WW-MW-03	WW-MW-03
Sample Date:	AWQS	11/4/2009	3/20/2019
BTEX (ug/L)			
Total BTEX	NE	ND	NA
Other VOCs (ug/L)			
Total VOCs	NE	ND	NA
PAHs (ug/L)			
Total PAHs	NE	**0.33**	NA
Other SVOCs (ug/L)			
Total SVOCs	NE	**0.33**	NA
PFAS (ng/L)			
Perfluorooctanoic Acid (PFOA)	6.7*	NA	**24.8**
Total Metals (ug/L)			
Iron	300	**29100**	NA
Manganese	300	**1130**	NA
Sodium	20000	**735000**	NA

Sample Name:	NYS	WW-SB-21	Duplicate of WW-MW-21
Sample Date:	AWQS	7/8/2009	7/8/2009
BTEX (ug/L)			
Benzene	1	**330**	**370**
Toluene	5	**3.7 J**	**4.5 J**
Ethylbenzene	5	**46**	**50**
Total Xylene	5	**58**	**65**
Total BTEX	NE	**437.7**	**489.5**
Other VOCs (ug/L)			
cis-1,2-Dichloroethene	5	20 U	20 U
trans-1,2-Dichloroethene	5	20 U	20 U
Styrene	5	20 U	20 U
Total VOCs	NE	**440.6**	**489.5**
PAHs (ug/L)			
Acenaphthene	20*	**42**	**58**
Naphthalene	10*	**440 J**	**180 J**
Total PAHs	NE	**543.4**	**308.5**
Other SVOCs (ug/L)			
Phenol	1	**22 J**	**9.9 J**
Total SVOCs	NE	**571.4**	**332**
Pesticides (ug/L)			
Aldrin	ND	**0.028 J**	**0.044 J**
Total Metals (ug/L)			
Iron	300	**2320**	**2390**
Magnesium	35000*	**256000**	**267000**
Manganese	300	**135**	**139**
Sodium	20000	**208000 J**	**217000 J**
Cyanides (ug/L)			
Total Cyanide	200	**3540**	**3900**
Other (ug/L)			
Ammonia	2000	**610**	**600**

Sample Name:	NYS	WW-MW-15
Sample Date:	AWQS	11/6/2009
BTEX (ug/L)		
Benzene	1	**1.7 J**
Total BTEX	NE	**1.7**
Other VOCs (ug/L)		
Total VOCs	NE	**1.7**
PAHs (ug/L)		
Total PAHs	NE	**17.28**
Other SVOCs (ug/L)		
Total SVOCs	NE	**19.28**
Pesticides (ug/L)		
alpha-BHC (Hexachlorocyclohexane)	0.01	**0.02 J**
Total Metals (ug/L)		
Arsenic	25	**42.8 J**
Iron	300	**310 J**
Magnesium	35000*	**68800**
Sodium	20000	**5980000**

Sample Name:	NYS	WW-MW-13
Sample Date:	AWQS	11/6/2009
BTEX (ug/L)		
Benzene	1	**540**
Toluene	5	**7 J**
Ethylbenzene	5	**190**
Total Xylene	5	**100**
Total BTEX	NE	**837**
Other VOCs (ug/L)		
Total VOCs	NE	**837**
PAHs (ug/L)		
Acenaphthene	20*	**100**
Naphthalene	10*	**370**
Total PAHs	NE	**556.2**
Other SVOCs (ug/L)		
Phenol	1	**3.2 J**
Total SVOCs	NE	**570.4**
Total Metals (ug/L)		
Iron	300	**2390**
Magnesium	35000*	**130000**
Sodium	20000	**982000**

Sample Name:	NYS	WW-MW-10
Sample Date:	AWQS	11/5/2009
BTEX (ug/L)		
Benzene	1	**29**
Toluene	5	**3.1 J**
Ethylbenzene	5	**330**
Total Xylene	5	**200**
Total BTEX	NE	**562.1**
Other VOCs (ug/L)		
Total VOCs	NE	**578.1**
PAHs (ug/L)		
Acenaphthene	20*	**28 J**
Naphthalene	10*	**580**
Total PAHs	NE	**749.6**
Other SVOCs (ug/L)		
Total SVOCs	NE	**749.6**
Total Metals (ug/L)		
Iron	300	**5000**
Manganese	300	**489**
Sodium	20000	**343000**

Sample Name:	NYS	WW-MW-204	Duplicate of WW-MW-204
Sample Date:	AWQS	9/12/2022	9/12/2022
BTEX (ug/L)			
Total BTEX	NE	ND	ND
Other VOCs (ug/L)			
Acetone	50*	10 U	**76.4 J**
Chloromethane	5	**5.4 J**	**8.2 J**
Total VOCs	NE	**8**	**87.1**
PAHs (ug/L)			
Total PAHs	NE	**3.1**	**2.5**
Other SVOCs (ug/L)			
Total SVOCs	NE	**8.6**	**8.9**
PFAS (ng/L)			
Perfluorooctanesulfonic acid (PFOA)	2.7*	**35**	**35**
Perfluorooctanoic Acid (PFOA)	6.7*	**20 J**	**23**
Total Metals (ug/L)			
Iron	300	**1850**	**1870**
Manganese	300	**415**	**409**
Sodium	20000	**35600**	**35800**

Sample Name:	NYS	WW-MW-19
Sample Date:	AWQS	12/20/2012
Total BTEX	NE	ND
Other VOCs (ug/L)		
Total VOCs	NE	ND
PAHs (ug/L)		
Total PAHs	NE	**2.4**
Other SVOCs (ug/L)		
Total SVOCs	NE	**2.4**
Total Metals (ug/L)		
Iron	300	**41000 J**
Magnesium	35000*	**100000**
Manganese	300	**1200**
Selenium	10	**12**
Sodium	20000	**870000**

Sample Name:	NYS	WW-MW-17
Sample Date:	AWQS	11/5/2009
Total BTEX	NE	ND
Other VOCs (ug/L)		
Total VOCs	NE	ND
PAHs (ug/L)		
Total PAHs	NE	**8.47**
Other SVOCs (ug/L)		
Total SVOCs	NE	**8.47**
Total Metals (ug/L)		
Iron	300	**629**
Sodium	20000	**316000**
Cyanides (ug/L)		
Total Cyanide	200	**281**

Sample Name:	NYS	WW-MW-18
Sample Date:	AWQS	12/20/2012
Total BTEX	NE	**0.15**
Other VOCs (ug/L)		
Total VOCs	NE	**10.33**
PAHs (ug/L)		
Total PAHs	NE	**1.2**
Total Metals (ug/L)		
Iron	300	**5900 J**
Magnesium	35000*	**39000**
Sodium	20000	**170000**

Sample Name:	NYS	WW-MW-07
Sample Date:	AWQS	11/5/2009
BTEX (ug/L)		
Benzene	1	**23**
Toluene	5	**9**
Ethylbenzene	5	**8.4**
Total Xylene	5	**60**
Total BTEX	NE	**100.4**
Other VOCs (ug/L)		
Styrene	5	**22**
Total VOCs	NE	**122.4**
PAHs (ug/L)		
Naphthalene	10*	**120**
Total PAHs	NE	**163.71**
Other SVOCs (ug/L)		
Total SVOCs	NE	**163.71**
Total Metals (ug/L)		
Lead	25	**25.9**
Manganese	300	**542**
Sodium	20000	**187000**

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- ⊕WW-MW-02 MONITORING WELL
- ⊕WW-MW-07 ABANDONED/DESTROYED MONITORING WELL
- ⊞WW-SB-21 SOIL BORING WITH TEMPORARY GROUNDWATER POINT
- ⊕TBM TIDAL BENCHMARK
- 6.0 GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 3.52 GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 9/11/2024

ANALYTICAL BOXES

NYS AWQS	NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR GA GROUNDWATER
ND	NOT DETECTED
NE	NOT ESTABLISHED NYS AWQS
J	ESTIMATED VALUE
JN	ANALYTE IS PRESUMPTIVELY PRESENT AT AN APPROXIMATED QUANTITY
*	THE VALUE IS A GUIDANCE VALUE AND NOT A STANDARD
µg/L	MICROGRAMS PER LITER OR PARTS PER BILLION (ppb)
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
PAHs	POLYCYCLIC AROMATIC HYDROCARBONS
SVOCs	SEMI-VOLATILE ORGANIC COMPOUNDS
VOCs	VOLATILE ORGANIC COMPOUNDS
BOLD	DETECTED CONCENTRATION
BOLD	THE DETECTED RESULT VALUE EXCEEDS NYS AWQS

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. WW-MW-01 AND WW-MW-04 WERE UNABLE TO BE LOCATED AND WERE NOT INCLUDED IN THE GROUNDWATER CALCULATIONS..
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM HIGH TIDE GAUGING ON SEPTEMBER 11, 2024
5. PERMANENT WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE. TEMPORARY GROUNDWATER POINTS WERE INSTALLED AT VARIOUS DEPTHS SHOWN ON THE ANALYTICAL SAMPLE TABLES.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 29, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
5. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

0 80 160
SCALE, FEET

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

nationalgrid

GEI Consultants

SEPTEMBER 11, 2024
HIGH TIDE SHALLOW CONTOURS AND GROUNDWATER ANALYTICAL SUMMARY

Project 093060 | August 2025 | Plate 7

HEROT, PAULA B:\Working\NATIONAL GRID\093060 - WILLIAMSBURG\00_CAD\Figures\RIR_2024\P7_093060_RIR_GWHS_ANYL.dwg - 8/27/2025

Sample Name:	NYS	WW-MW-202I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	**0.75**
Other VOCs (ug/L)		
Total VOCs	ND	**1.47**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**2030**
Magnesium	35000*	**156000**
Manganese	300	**456**
Sodium	20000	**2800000**

Sample Name:	NYS	WW-MW-203I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Total VOCs	ND	**2.78**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**754**
Magnesium	35000*	**70500**
Manganese	300	**340**
Sodium	20000	**556000**

Sample Name:	NYS	WW-MW-200I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Total VOCs	ND	**3.07**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**1980**
Magnesium	35000*	**239000**
Manganese	300	**1640**
Sodium	20000	**2000000**

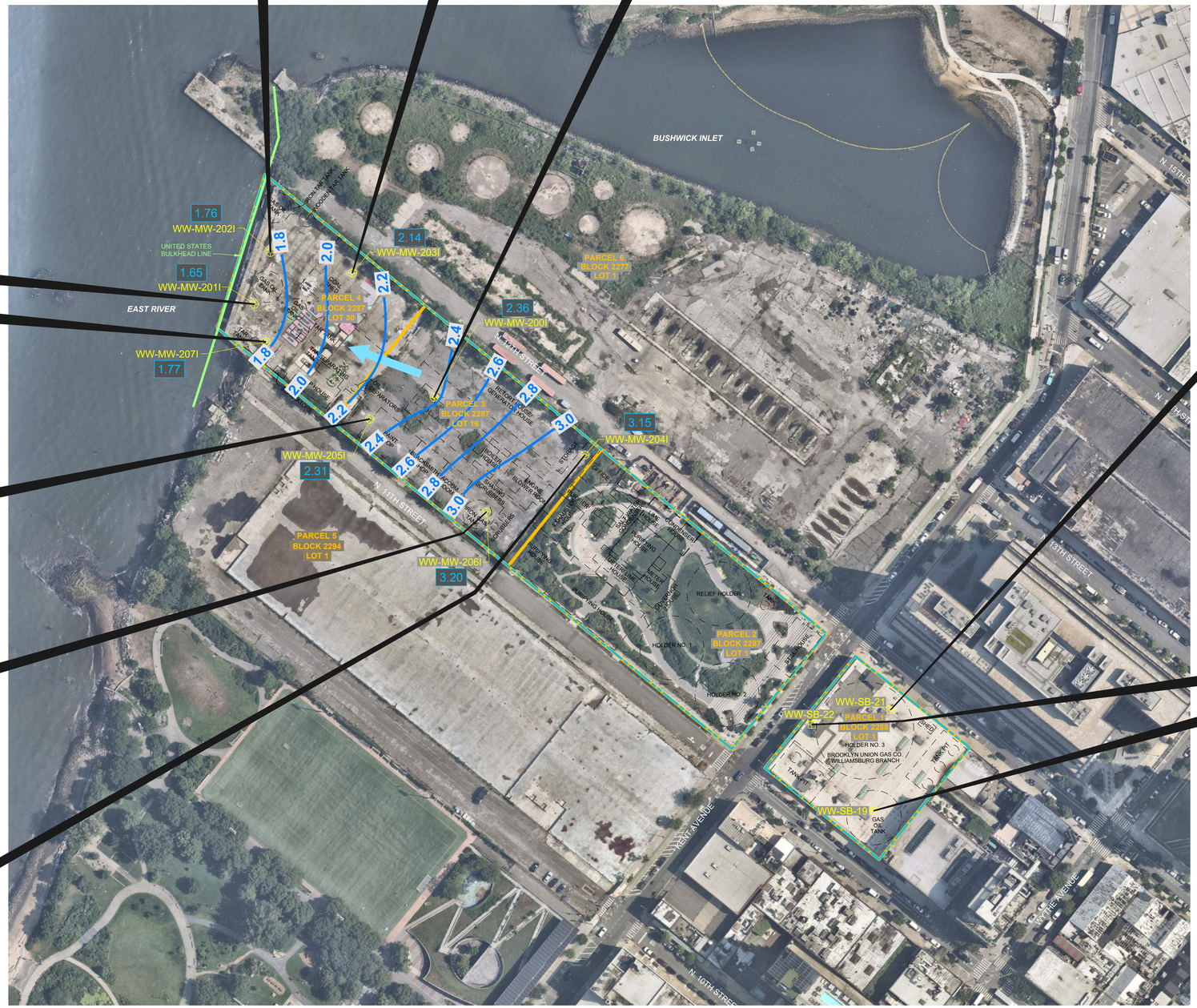
Sample Name:	NYS	WW-MW-201I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	**6.06**
Other VOCs (ug/L)		
Total VOCs	ND	**6.92**
PAHs (ug/L)		
Total PAHs	ND	**3.6**
Other SVOCs (ug/L)		
Total SVOCs	ND	**3.6**
Total Metals (ug/L)		
Iron	300	**3440**
Magnesium	35000*	**400000**
Manganese	300	**1420**
Sodium	20000	**4130000**

Sample Name:	NYS	WW-MW-207I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Total VOCs	ND	**0.51**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**1670**
Magnesium	35000*	**110000**
Nickel	100	**115**
Sodium	20000	**1860000**

Sample Name:	NYS	WW-MW-205I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	**0.32**
Other VOCs (ug/L)		
Vinyl chloride	2	**3.3**
Total VOCs	ND	**13.09**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**555**
Magnesium	35000*	**38700**
Sodium	20000	**231000**

Sample Name:	NYS	WW-MW-206I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Benzene	1	**18**
Ethylbenzene	5	**6.5**
Total BTEX	ND	**28.7**
Other VOCs (ug/L)		
Total VOCs	ND	**36.26**
PAHs (ug/L)		
Naphthalene	10*	**56**
Total PAHs	ND	**67.2**
Other SVOCs (ug/L)		
Total SVOCs	ND	**67.2**
Total Metals (ug/L)		
Iron	300	**8920**
Magnesium	35000*	**65200**
Sodium	20000	**297000**

Sample Name:	NYS	WW-MW-204I
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Benzene	1	**7800**
Toluene	5	**10 J**
Ethylbenzene	5	**730**
o-Xylene	5	**180**
m/p-Xylene	5	**160**
Total BTEX	ND	**8880**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**31**
Isopropylbenzene	5	**42**
Total VOCs	ND	**8953**
PAHs (ug/L)		
Total PAHs	ND	**16.6**
Other SVOCs (ug/L)		
Phenol	1	**20**
Total SVOCs	ND	**43.59**
Total Metals (ug/L)		
Sodium	20000	**154000**



Sample Name:	NYS	WW-MW-202D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Total VOCs	ND	**4.86**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**1240**
Magnesium	35000*	**543000**
Manganese	300	**1110**
Sodium	20000	**4800000**

Sample Name:	NYS	WW-MW-203D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**47**
Total VOCs	ND	**56.5**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Magnesium	35000*	**57100**
Sodium	20000	**586000**

Sample Name:	NYS	WW-MW-200D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Benzene	1	**3.1**
Total BTEX	ND	**4.64**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**11**
Total VOCs	ND	**17.95**
PAHs (ug/L)		
Total PAHs	ND	**1**
Other SVOCs (ug/L)		
Total SVOCs	ND	**1**
Total Metals (ug/L)		
Iron	300	**14300**
Magnesium	35000*	**295000**
Manganese	300	**1770**
Sodium	20000	**2150000**

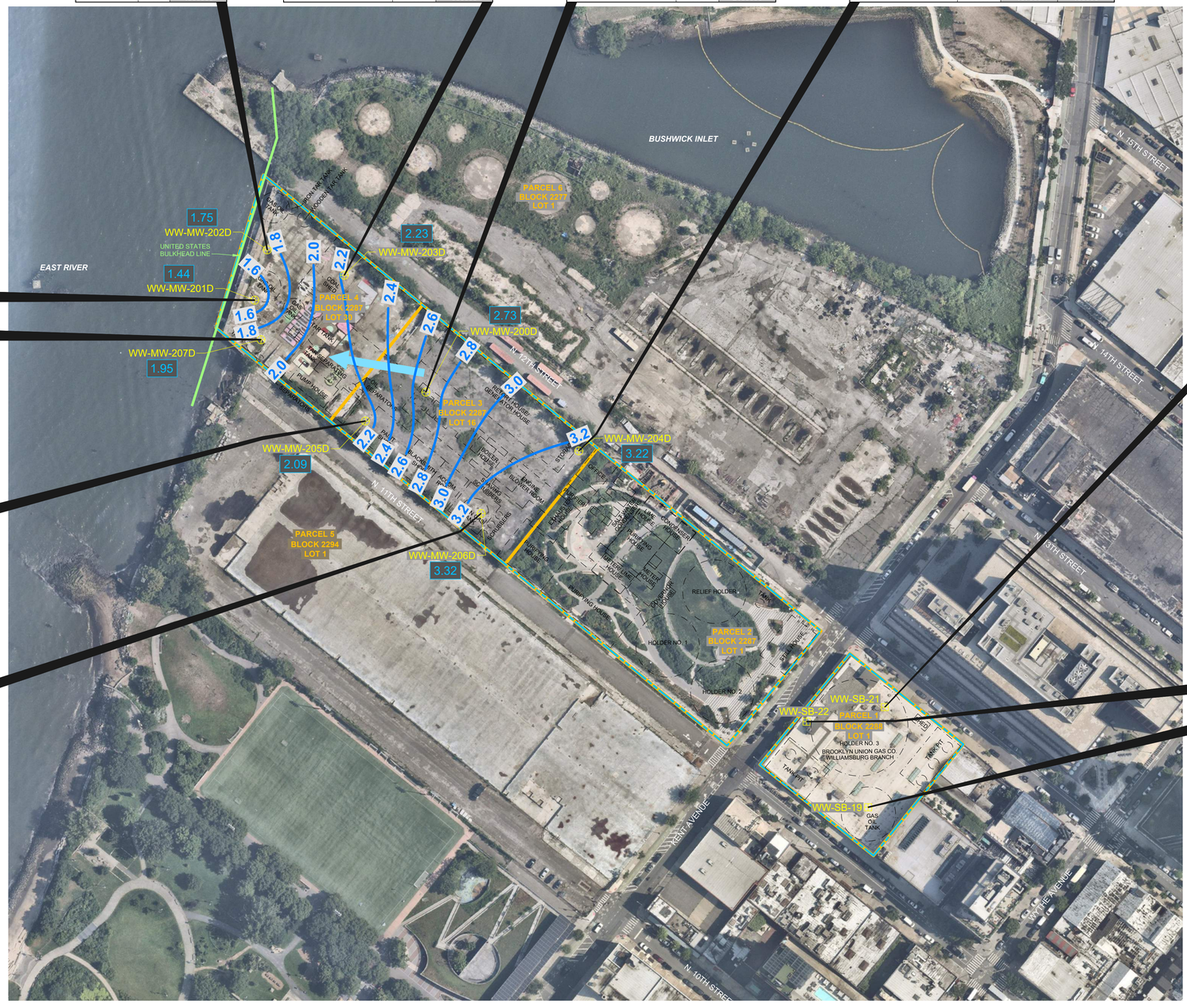
Sample Name:	NYS	WW-MW-204D	Duplicate of WW-MW-204D
Sample Date:	AWQS	9/12/2024	9/12/2024
BTEX (ug/L)			
Benzene	1	**3**	**2.9**
Total BTEX	ND	**3.31**	**2.9**
Other VOCs (ug/L)			
Chloroform (Trichloromethane)	7	**15**	**15**
Total VOCs	ND	**23.51**	**23.8**
PAHs (ug/L)			
Total PAHs	ND	**1.1**	**1.1**
Other SVOCs (ug/L)			
Total SVOCs	ND	**1.1**	**1.1**
Total Metals (ug/L)			
Sodium	20000	**157000**	**158000**

Sample Name:	NYS	WW-MW-201D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Benzene	1	**1.5**
Total BTEX	ND	**6.18**
Other VOCs (ug/L)		
Total VOCs	ND	**9.46**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Iron	300	**12900**
Magnesium	35000*	**595000**
Manganese	300	**2070**
Sodium	20000	**5840000**

Sample Name:	NYS	WW-MW-207D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	ND
Other VOCs (ug/L)		
Total VOCs	ND	**7.78**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Magnesium	35000*	**280000**
Manganese	300	**986**
Sodium	20000	**3670000**

Sample Name:	NYS	WW-MW-205D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Total BTEX	ND	**3.08**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**34**
Total VOCs	ND	**38.58**
PAHs (ug/L)		
Total PAHs	ND	ND
Other SVOCs (ug/L)		
Total SVOCs	ND	ND
Total Metals (ug/L)		
Magnesium	35000*	**243000**
Sodium	20000	**2050000**

Sample Name:	NYS	WW-MW-206D
Sample Date:	AWQS	9/12/2024
BTEX (ug/L)		
Benzene	1	**4.5**
Total BTEX	ND	**8**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**35**
Total VOCs	ND	**49.8**
PAHs (ug/L)		
Total PAHs	ND	**1.7**
Other SVOCs (ug/L)		
Total SVOCs	ND	**1.7**
Total Metals (ug/L)		
Sodium	20000	**108000**



Sample Name:	NYS	WW-SB-21 (40-50)
Sample Date:	AWQS	7/23/2009
BTEX (ug/L)		
Benzene	1	**8300**
Toluene	5	**2700**
Ethylbenzene	5	**1600**
Total Xylene	5	**1800**
Total BTEX	NE	**14400**
Other VOCs (ug/L)		
cis-1,2-Dichloroethene	5	**130 J**
trans-1,2-Dichloroethene	5	**240 J**
Styrene	5	500 U
Total VOCs	NE	**14770**
PAHs (ug/L)		
Acenaphthene	20*	**42 J**
Naphthalene	10*	**2200**
Total PAHs	NE	**2617**
Other SVOCs (ug/L)		
Phenol	1	200 U
Total SVOCs	NE	**2617**
Pesticides (ug/L)		
Aldrin	ND	NA
Total Metals (ug/L)		
Iron	300	**2420**
Magnesium	35000*	**29100**
Manganese	300	**452**
Sodium	20000	**56500**
Cyanides (ug/L)		
Total Cyanide	200	**58.6**
Other (ug/L)		
Ammonia	2000	**3800**

Sample Name:	NYS	WW-SB-22 (55-65)
Sample Date:	AWQS	7/27/2009
BTEX (ug/L)		
Benzene	1	**9600**
Toluene	5	**1100**
Ethylbenzene	5	**1400**
Total Xylene	5	**1500**
Total BTEX	NE	**13600**
Other VOCs (ug/L)		
Acetone	50*	1000 U
cis-1,2-Dichloroethene	5	500 U
Styrene	5	500 U
Vinyl chloride	2	500 U
Total VOCs	NE	**13600**
PAHs (ug/L)		
Acenaphthene	20*	**82 J**
Indeno(1,2,3-cd)pyrene	0.002*	200 U
Naphthalene	10*	**2600**
Total PAHs	NE	**2902**
Other SVOCs (ug/L)		
Total SVOCs	NE	**2902**
Pesticides (ug/L)		
Aldrin	ND	NA
Total Metals (ug/L)		
Iron	300	**21000**
Magnesium	35000*	**39300**
Manganese	300	**466**
Sodium	20000	**106000 J**
Other (ug/L)		
Ammonia	2000	**9200**

Sample Name:	NYS	WW-SB-19 (40-50)
Sample Date:	AWQS	7/29/2009
BTEX (ug/L)		
Benzene	1	5 U
Toluene	5	**64**
Ethylbenzene	5	**11**
Total Xylene	5	**55**
Total BTEX	NE	**130**
Other VOCs (ug/L)		
Chloroform (Trichloromethane)	7	**3.1 J**
cis-1,2-Dichloroethene	5	**4.9 J**
trans-1,2-Dichloroethene	5	5 U
Trichloroethene (TCE)	5	5 U
Total VOCs	NE	**138**
PAHs (ug/L)		
Benzo(a)anthracene	0.002*	4.2 U
Chrysene	0.002*	4.2 U
Naphthalene	10*	4.2 U
Total PAHs	NE	ND
Other SVOCs (ug/L)		
Total SVOCs	NE	ND
Total Metals (ug/L)		
Iron	300	**40400**
Magnesium	35000*	**38800**
Manganese	300	**1080**
Sodium	20000	**41400 J**
Cyanides (ug/L)		
Total Cyanide	200	**297**

LEGEND:

- APPROXIMATE CURRENT PARCEL BOUNDARY
- APPROXIMATE BOUNDARY OF FORMER MGP PROPERTY / SITE BOUNDARY
- HISTORIC MGP STRUCTURES
- WW-MW-200D — MONITORING WELL
- WW-SB-21 — SOIL BORING WITH TEMPORARY GROUNDWATER POINT
- 5.0 — GROUNDWATER CONTOUR (FEET NAVD88)
- GROUNDWATER FLOW DIRECTION
- 2.73 — GROUNDWATER ELEVATION (FEET NAVD88) MEASURED 9/11/2024

ANALYTICAL BOXES

NYS AWQS	NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES FOR GA GROUNDWATER
ND	NOT DETECTED
NE	NOT ESTABLISHED NYS AWQS
J	ESTIMATED VALUE
JN	ANALYTE IS PRESUMPTIVELY PRESENT AT AN APPROXIMATED QUANTITY
*	THE VALUE IS A GUIDANCE VALUE AND NOT A STANDARD
µg/L	MICROGRAMS PER LITER OR PARTS PER BILLION (ppb)
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
PAHs	POLYCYCLIC AROMATIC HYDROCARBONS
SVOCs	SEMI-VOLATILE ORGANIC COMPOUNDS
VOCs	VOLATILE ORGANIC COMPOUNDS
BOLD	DETECTED CONCENTRATION
BOLD	THE DETECTED RESULT VALUE EXCEEDS NYS AWQS

NOTES:

1. CONTOURS MADE BY LINEAR INTERPOLATION WITH MANUAL SMOOTHING TO ADJUST ARTIFACTS OF INTERPOLATION BETWEEN RELATIVELY DISTANT WELLS.
2. GROUNDWATER CONTOURS AND ELEVATIONS ARE IN FEET ABOVE NORTH AMERICAN VERTICAL DATUM (NAVD88)
3. MONITORING WELLS WERE INSTALLED SPANNING THE GROUNDWATER SURFACE.
4. GROUNDWATER CONTOURS WERE GENERATED USING DATA FROM HIGH TIDE GAUGING ON SEPTEMBER 11, 2024.

SOURCES:

1. AERIAL PHOTOGRAPH NEARMAP ©2025 IMAGERY DATE: 07/03/2025.
2. SANBORN FIRE INSURANCE MAPS (1887 THROUGH 1996).
3. HISTORIC MAP OF BROOKLYN UNION GAS, DATED JULY 29, 1921.
4. NEW YORK CITY OPEN ACCESSIBLE SPACE INFORMATION SYSTEM *HTTP://WWW.OASISNYC.NET* ACCESSED JANUARY 2008.
5. SURVEY OF WILLIAMSBURG WORKS BOUNDARIES, EXISTING CONDITIONS, AND SAMPLE LOCATIONS CONDUCTED BY GEI CONSULTANTS, INC. SURVEYED BY NEW YORK STATE-LICENSED LAND SURVEYOR No. 050146.

0 80 160
SCALE, FEET

Remedial Investigation Report
Williamsburg Works Former MGP Site
Borough of Brooklyn, New York

nationalgrid

GEI Consultants

Project 093060

SEPTEMBER 11, 2024
HIGH TIDE DEEP CONTOURS AND GROUNDWATER ANALYTICAL SUMMARY

August 2025 Plate 9

Appendix A Work Plans, NYSDEC Work Plan Approval Letters, and Field Change Orders

Appendix B Additional Investigation Data

Appendix C Historical Information

Appendix D Bulkhead Photographs

Appendix E Analysis of Available Data to Track Sources of Contamination

Appendix F Environmental Data Records

Appendix G Test Pit Logs

Appendix H Soil Boring Logs, Monitoring Well Construction Logs, and Sediment Core Logs

Appendix I CAMP Data

Appendix J Hydraulic Conductivity Calculations

Appendix K Data Usability Summary Report and Electronic Data Deliverable (2022 Data will be provided in the final report)

Appendix L Forensic Assessment of Hydrocarbons – Williamsburg Former MGP Facility

Appendix M Matrices from Guidance for Evaluating Soil Vapor Intrusion in the State of New York

Appendix N Parcel 2 RI Data for IRM Remediated Area

Appendix O 35 Kent Avenue SVI Building Inventory

Appendix P NYSDEC National Heritage Correspondence