46-70 McLean Avenue Auto Repair Laundry

WESTCHESTER COUNTY, NEW YORK

Final Engineering Report

NYSDEC Site Number: C360211

Prepared for:

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OCTOBER 2025

CERTIFICATIONS

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

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

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

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

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Brad Summerville, of 170 Keyland Court, Bohemia, New York, am certifying as Owner’s Designated Site Representative for the site.

NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

AMSL	Above Mean Sea Level	**OER**	Office of Environmental Remediation
AST	Aboveground Storage Tank	**ORP**	Oxidation-Reduction Potential
ASTM	American Society for Testing and Materials	**PPM**	Parts Per Million
AOC	Area of Concern	**PPB**	Parts Per Billion
ASP	Analytical Services Protocol	**PCB**	Polychlorinated Biphenyl's
BCP	Brownfield Cleanup Program	**PAH**	Polyaromatic Hydrocarbons
BGS	Below Grade Surface	**PCE**	Tetrachloroethene
BTEX	Benzene Toluene Ethylbenzene and Xylenes	**PGW**	Protection of Groundwater
BER	Business Environmental Risk	**PID**	Photo Ionization Detector
CPP	Citizen Participation Plan	**PFAS**	Per- and Polyfluoroalkyl Substances
CO	Certificate of Occupancy	**PVC**	Polyvinyl Chloride
CSM	Conceptual Site Model	**QAQC**	Quality Assurance Quality Control
cVOC	Chlorinated Volatile Organic Compound	**QAPP**	Quality Assurance Project Plan
CREC	Controlled Recognized Environmental Condition	**RIWP**	Remedial Investigation Work Plan
CEQR	City Environmental Quality Review	**RCRA**	Resource Conservation and Recovery Act
CAMP	Community Air Monitoring Program	**REC**	Recognized Environmental Condition
CLP	Contract Laboratory Program	**RAO**	Remedial Action Alternative
DER	Division of Environmental Remediation	**RAWP**	Remedial Action Work Plan
DOB	Department of Buildings	**RIR**	Remedial Investigation Report
DNAPL	Dense Non-Aqueous Phase Liquid	**SF**	Square Feet
DUSR	Data Usability Summary Report	**SHWS**	State Hazardous Waste Site
DO	Dissolved Oxygen	**SVOC**	Semi-Volatile Organic Compound
EDR	Environmental Data Resources	**SCO**	Soil Cleanup Objective
EIS	Environmental Impact Statement	**SSDS**	Sub-Slab Depressurization System
ELAP	Environmental Laboratory Accreditation Program	**TAGM**	Technical and Administrative Guidance Memorandum
ESA	Environmental Site Assessment	**TCE**	Trichloroethylene
FWRIA	Fish and Wildlife Risk Impact Analysis	**TCL**	Target Compound List
FBG	Feet Below Grade	**TIC**	Tentatively Identified Compound
AWQS	Ambient Water Quality Standard	**TAL**	Target Analyte List
GPR	Ground Penetrating Radar	**USGS**	United States Geological Survey
GPS	Global Positioning System	**USFWS**	United States Fish and Wildlife Service
HREC	Historical Recognized Environmental Condition	**µg/kg**	Micrograms Per Kilogram
HASP	Health and Safety Plan	**µg/m³**	Micrograms Per Cubic Meter
LLC	Limited Liability Corporation	**USCS**	Unified Soil Classification System
MW	Monitoring Well	**UST**	Underground Storage Tank
MS	Matrix Spike	**USEPA**	United States Environmental Protection Agency
MSD	Matrix Spike Duplicate	**VCP**	Voluntary Cleanup Program
NYSDEC	New York State Department of Environmental Conservation	**VOC**	Volatile Organic Compound
NYC	New York City		
NYCDEP	New York City Department of Environmental Protection		
NYSDOH	New York State Department of Health		
NYCRR	New York Codes Rules and Regulations		
NAPL	Non-Aqueous Phase Liquid		
NYSDOT	New York State Department of Transportation		

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

SNL Yonkers LLC entered a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in May 2021 to investigate and remediate a 0.87-acre property located in the City of Yonkers, Westchester County, New York (see **Plate 1**). The property was remediated to Track 2, Restricted Residential Use standards, and is being redeveloped as a commercial self-storage facility.

The Site is located in the County of Westchester, New York and is identified as Section 1, Block 203 and Lot 51.61 on the Westchester County Tax Map #331. The site is bounded by Sutherland Park to the north, McLean Avenue and an active gasoline station to the south, Van Cortland Park and Pelton Park to the east, and several commercial properties (including Advance Auto Parts, Chase Bank, Hollywood Florist, and Malecon Restaurant) to the west (see **Plate 2**). The boundaries of the site are fully described in **Appendix A**: Survey Map, Metes and Bounds, and **Appendix B**: Environmental Easement.

An electronic copy of this FER, along with all supporting documentation, is included as **Appendix C**.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

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

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

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

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the RAWP dated July 2023 (revised April 7, 2025).

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

1. A remedial program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:
    - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term.
    - Conserving and efficiently managing resources and materials.
    - Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste.
    - Maximizing habitat value and creating habitat when possible.
    - Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals.
    - Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.
2. Excavation of soil/fill (in the form of three designated hot spots) exceeding RRSCOs listed in Table 1, or down to bedrock where possible. Note: this work was performed under an NYSDEC-approved Interim Remedial Measures (IRM) Work Plan, dated October 28, 2022.
3. Excavation of contaminated soil/fill from the former gasoline tank grave that exceeded RRSCOs listed in Table 1, or down to bedrock where possible.
4. Decommissioning, cleaning, and removal of five (5) in-ground hydraulic lifts located on the second floor, one (1) 5,000-gallon single walled steel former fuel oil underground storage tank (UST) located in the former ramp area, and four (4) 550-gallon single walled steel former gasoline tanks, also located in the former ramp area. Note: this work was performed under two (2) individual NYSDEC-approved IRM Work Plans, dated December 24, 2021 (amended June 30, 2022), and October 28, 2022, and a Petroleum Bulk Storage

Tank Removal / In-Situ Remediation Work Plan, dated June 3, 2025.

5. Collection of one (1) bottom and four (4) sidewall post-tank removal confirmatory endpoint samples to determine if residual contamination remained. Collection of two (2) post excavation confirmatory endpoint samples from the former ramp area, as directed by NYSDEC.
6. Construction and maintenance of a soil cover system consisting of a minimum 6-inch-thick layer of 3/4-inch virgin quarry stone sub-base, a 20-mil chemically resistant vapor barrier, and 4- to 6-inch-thick concrete building slab to prevent human exposure to remaining contaminated soil/fill remaining at the site.
7. Performance of a single vacuum-enhanced fluid recovery (VEFR) event to evacuate contaminated standing groundwater present within the former tank grave.
8. Performance of in-Situ groundwater remediation utilizing approximately 240 pounds of Regenesis ORC Advanced (calcium oxyhydroxide) distributed and mixed directly into standing groundwater in the excavation of the four (4) removed gasoline USTs.
9. Installation of an active sub-slab depressurization system (SSDS) to mitigate potential future vapor intrusion, consisting of five (5) suction pit venting zones beneath the approximately 38,000-square foot building footprint, manifolded to two (2) riser pipes that terminate no less than 10-feet above the highest eave of the new building roof, and connected to two (2) electrically powered blowers.
10. Performance of pre-SSDS startup testing to ensure adequate depressurization of the sub-slab environment, and to confirm the appropriate blowers to be utilized for said depressurization.
11. Installation of between five and seven new permanent groundwater monitoring wells, depending on which, if any, pre-existing monitoring wells (installed by IEEG and others) remain.
12. Performance of a minimum of two (2) rounds of post-remedial quarterly groundwater sampling using the pre-existing (if remaining) and newly installed permanent groundwater monitoring wells to provide data to establish the efficacy of the remedial actions.
13. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.
14. Development and implementation of a Site Management Plan (SMP) for long term

management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

15. Periodic certification of the Institutional and Engineering Controls (IC/ECs) listed above.

3.0 INTERIM REMEDIAL MEASURES AND REMEDIAL CONTRACTS

The information and certifications made in the June 30, 2023, IRM Construction Completion Report (CCR) were relied upon to prepare this report and certify that the remediation requirements for the site have been met.

3.1 INTERIM REMEDIAL MEASURES

All work was performed in accordance with the June 20, 2021, Remedial Investigation/Interim Remedial Measure Work Plan and the October 28, 2022, IRM Work Plan Addendum (collectively the "IRM Work Plan"). The New York State Department of Environmental Conservation (NYSDEC) issued notice to proceed on August 26, 2021, and November 23, 2022. The work discussed herein is summarized in an IRM Construction Completion Report (CCR), submitted to the Department on June 30, 2025, and included in **Appendix J**. A third IRM Work Plan was submitted to the Department on February 4, 2025, and was approved by NYSDEC on February 14, 2025. The IRM CCR will be updated to include the work performed under the February 2025 IRM Work Plan and will be submitted to the Agency under separate cover.

3.1.1 UST Decommissioning and Removal

Remedial activities completed at the Site were conducted in accordance with the IRM Work Plan for the Site between June 2021 and June 2023. No deviations from the IRM Work Plan and subsequent amendments occurred.

3.1.1.1 UST Decommissioning

All decommissioning work was performed in accordance with a Westchester County Department of Health Petroleum Bulk Storage Work Permit, issued on October 18, 2022. On October 20, 2022, Brookside Environmental, Inc (Brookside), accessed the top of the 5,000-gallon fuel oil UST. The top of the UST was cut using a circular saw, and the standing liquids from within the tank were evacuated into a pump truck. A total of 1,204-gallons of oil were pumped from the tank and transported and disposed of at Clean Water of New York, Staten Island, NY. Once fully evacuated, the tank was accessed via the hole, and the remaining sludge and solids were scraped from the bottom and placed in a 55-gallon DOT regulated steel drum. A total of 300 pounds of sludge were removed from the bottom of the tank and transported and disposed of at Clean Water of New

York, Staten Island, NY.

On October 21, 2022, once the tank was fully cleaned, the demolition contractor, D-Best Industries (D-Best), began excavating soils from around the UST to facilitate its removal from the ground. Brookside then cut the UST in half using a circular saw, and the two (2) tank halves were removed from the ground and staged at grade by D-Best for further inspection and evaluation. IEEG inspected the tank, and no evidence of holes, cracks, or pitting was observed. Furthermore, the tank grave was inspected by IEEG for signs of spills or leaks from the former tank. While a small area of dark colored soil was observed near the fill port side of the tank grave, indicative of a previous overfill, no evidence of gross contamination was identified in the tank grave.

On October 24, 2022, Mr. Matthew Hubicki from the NYSDEC was onsite to observe the tank grave, staged UST shell, and the overall Site conditions and status. Mr. Hubicki confirmed that no evidence of gross contamination was identified within the tank grave, and no evidence of holes, cracks, or pitting, was observed in the removed UST. Under the oversight of IEEG, D-Best continued over excavation of the tank grave, including removal of the minor stained soils (which were segregated from clean material, and stockpiled on plastic sheeting), to determine if any deeper contamination was present in the excavation. No such contaminated soil was observed. On the same day, Brookside removed the steel UST shell from the Site and disposed of it as scrap metal.

On October 27, 2022, IEEG collected waste characterization samples (RAMP-1 COMP and RAMP-1-GRAB) from the non-impacted stockpiled soils removed from the UST excavation. On December 8, 2022, this material was approved for disposal at Impact Reuse & Recovery Center (IRRC) located at 1000 Page Avenue, Lyndhurst, NJ (NJDEP #CBG170002). The material met the NJDEP Residential Standards for disposal. The material was transported and disposed of at IRRC, along with other approved non-IRM associated materials, on December 19, 2022. The minor stained soil was removed and disposed of at Clean Earth of Carteret, LLC (CEC), of Carteret, NJ on February 20, 2023.

3.1.1.2 UST Post-Removal Endpoint Sampling and Results

On October 25, 2022, IEEG collected two (2) confirmatory bottom endpoint samples and one (1) confirmatory south sidewall sample (collected at approximately 5-feet bgs) from the tank grave. Sidewall samples from the north, east, and west sides of the grave could not be collected due to the presence of concrete retaining walls. The three (3) samples were placed in laboratory

provided clean glassware, stored on ice, and were delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed for NYSDEC CP-51 list VOCs and SVOCs in accordance with USEPA Methods 8260 and 8270.

Based on a review of the post UST Removal bottom and sidewall endpoint samples (see **Plate 3**), the VOC n-butylbenzene was detected at a concentration of 3.4 microgram per kilogram (ug/kg) in sample Tank Bottom East, below the NYSDC CP-51 standard of 12,000 ug/kg. No other VOCs were detected in the three (3) samples. The SVOCs chrysene, phenanthrene, and pyrene were detected at concentrations of 140 ug/kg, 270 ug/kg, and 210 ug/kg respectively in sample Tank Bottom East, below their CP-51 standards of 1,000 ug/kg and 100,000 ug/kg respectively. No other SVOCs were detected in the three (3) samples.

On December 20, 2022, IEEG conducted a round of post UST removal groundwater samples from hydraulically downgradient monitoring wells, including WP-11 through WP-14, located south of the former UST.

It should be noted that several of the monitoring wells installed by IEEG during the RI (including MW-4A, MW-5A, MW-7A, and MW-9A) were damaged during demolition and construction activities and thus could not be sampled during this event.

Each of the four (4) wells were adequately gauged and purged prior to groundwater sample collection. Groundwater elevation and groundwater flow direction was evaluated based on the current gauging data and previous surveyed elevations of the wells from previous consultants reports on file. Depth to Water (DTW) measurements were collected utilizing a Solinst® Oil/Water interface Probe (Interface Probe), which can determine both Light Non-Aqueous Phase Liquid (LNAPL), known more commonly as free product, thicknesses and groundwater depth measurements within 0.01 foot.

Based on the gauging event of December 20, 2022, DTW ranged from 15.05 feet (WP-14) to 16.2 feet (WP-11). LNAPL was not detected in the monitoring wells gauged. Groundwater flow direction appeared generally to be to the southwest with a possible component of flow to the northwest around WP-11. This data is generally consistent with gauging data from previous reports on file, apart from WP-11, which has a higher elevation.

One (1) representative groundwater sample was collected from each well using a peristaltic pump and dedicated Teflon-coated tubing. Groundwater samples collected from WP-11, WP-12, WP-

13, and WP-14 were submitted to Alpha Analytical laboratory of Westborough MA, a New York State certified ELAP laboratory, for analysis of Full Target Compound List (TCL) parameters for Volatile Organic Compounds (VOCs) via EPA Method 8260 and Semi-VOCs via EPA Method 8270. The results are summarized in Table 2- Groundwater Analytical Results Summary. Table 2 includes analytical data compared to the New York State Water Technical Operations and Guidance Series (TOGS 1.1.1) as Ambient Water Quality Standards (AWQS). The AWQS exceedances are highlighted in gray. All results are presented in micrograms per Liter (ug/L).

Below is a table showing the exceedances of the NYSDEC TOGS 1.1.1 GA Table 1 standards for ambient groundwater quality for wells WP-11, WP-12, WP-13, and WP-14. Exceedances of the TOGS GA standards are highlighted gray, and the table also shows the Total BTEX and Total VOCs present in each well. Also see **Plate 4**.

Collection Date			12/20/2022		12/20/2022		12/20/2022		12/20/2022	
Client Id			WP-11		WP-12		WP-13		WP-14	
Matrix			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
Project: 60 MCLEAN AVE YONKERS NY	Units	TOGS 1.1.1 WQ/GA Table 1	Result	RL	Result	RL	Result	RL	Result	RL
Semivolatiles (SIM) - SW8270D (SIM)										
Benz(a)anthracene	ug/L	**0.002**	**0.02**	0.02	< 0.02	*0.02*	< 0.02	*0.02*	< 0.02	*0.02*
Benzo(b)fluoranthene	ug/L	**0.002**	**0.02**	0.02	< 0.02	*0.02*	< 0.02	*0.02*	< 0.02	*0.02*
Chrysene	ug/L	**0.002**	**0.02**	0.02	< 0.02	*0.02*	< 0.02	*0.02*	< 0.02	*0.02*
Bis(2-ethylhexyl)phthalate	ug/L	**5**	**28**	0.94	**12**	0.94	**35**	0.94	< 2.4	2.4
Naphthalene	ug/L	**10**	**34**	4.7	-	-	-	-	-	-
Volatiles - SW8260C										
1,2,4-Trimethylbenzene	ug/L	**5**	**98**	2	**270**	5	**3.7**	1	**9.8**	1
1,3,5-Trimethylbenzene	ug/L	**5**	**37**	2	**110**	5	**1.5**	1	**2.2**	1
Benzene	ug/L	**1**	< 0.70	0.7	**2.2**	1.3	< 0.70	0.7	< 0.70	0.7
Ethylbenzene	ug/L	**5**	**21**	2	**28**	5	**0.27**	1	**0.65**	1
Hexachlorobutadiene	ug/L	**0.5**	< 0.50	0.5	< 1.3	*1.3*	< 0.40	0.4	< 0.40	0.4
Isopropylbenzene	ug/L	**5**	**12**	2	**42**	5	**0.3**	1	**1.6**	1
n-Butylbenzene	ug/L	**5**	**3.7**	2	**12**	5	< 1.0	1	**0.73**	1
n-Propylbenzene	ug/L	**5**	**16**	2	**52**	5	**0.46**	1	**1.6**	1
Naphthalene	ug/L	**10**	**24**	2	**38**	5	< 1.0	1	**2.2**	1
o-Xylene	ug/L	**5**	**31**	2	**33**	5	**0.45**	1	**2.9**	1
p-Isopropyltoluene	ug/L	**5**	**5.7**	2	**20**	5	**0.73**	1	**1.7**	1
sec-Butylbenzene	ug/L	**5**	**3.4**	2	**13**	5	**0.34**	1	**0.98**	1
Total Xylenes	ug/L	**5**	**112**	2	**173**	5	**1.7**	1	**9.9**	1
TOTAL BTEX	ug/L		**245**		**376.2**		**3.62**		**11.29**	
TOTAL VOCs	ug/L		**457.72**		**970.5**		**14.55**		**43.34**	

While several SVOC and VOC exceedances of the standards are present in primarily WP-11 and WP-12, total VOCs are below 1,000 ug/L in both wells. Based on the In the December 2022 groundwater sampling event, total VOCs ranged from 14.55 ug/L in WP-13 to 970.5 ug/L in WP-12, and Total BTEX concentrations ranged from 3.62 ug/L in WP-13 to 376.2 ug/L in WP-12, with some variation from the 2021 groundwater sample results likely due to exposed under slab areas and stormwater influences due to infiltration. When comparing IEEG December 2022 groundwater sampling results to the Structural Engineering Technologies, P.C. (SET) Third Round Groundwater Testing report, dated September 11, 2020 (in which groundwater sampling was performed on August 18, 2020), total VOCs in WP-11 have decreased by approximately 86%, and in WP-12 by approximately 32%. Total BTEX concentrations in WP-11 have decreased by 86%, and

in WP-12 by approximately 33%.

3.1.2 Hydraulic Lift Decommissioning and Removal

3.1.2.1 Lift/Reservoir Decommissioning

On October 12, 2022, two (2) hydraulic lift pistons and associated reservoirs were encountered in the northeast portion of the second floor, beneath the demolished concrete slab. Approximately 3-cubic yards of soil were excavated from around the lifts/pistons and placed on plastic sheeting. On October 17, 2022, two (2) additional hydraulic lifts pistons and associated reservoirs were uncovered proximally to the original two (2) pistons. On the same day, Brookside pumped hydraulic oils from the four (4) lift pistons into seven (7) DOT-regulated steel 55-gallon drums pending characterization and eventual removal/disposal. Additional soils were excavated from around the four (4) lifts and placed with the prior stockpiled material on plastic sheeting. This material was covered overnight. Additional excavation around the lift pistons was performed on October 20, 2022, to facilitate their eventual removal from the ground. Soil was stockpiled on plastic sheeting and covered overnight.

On October 21, 2022, one (1) additional hydraulic lift piston and reservoir was uncovered on the first floor, associated with the previous elevator.

On November 28, 2022, bedrock from around the embedded hydraulic lift pistons was demolished to facilitate the removal of the pistons and reservoirs. On this day, one (1) lift piston/reservoir (designated HL-1) was able to be removed and was placed on poly sheeting pending offsite disposal. On November 29, 2022, further bedrock demolition was performed, and lift pistons/reservoirs HL-2 and HL-3 were removed and placed with HL-1 on plastic sheeting. Further potentially impacted soils were excavated from around the pistons and stockpiled on plastic sheeting. Hydraulic piston/reservoir HL-4 was removed on November 30, 2022. On the same day, the four (4) pistons and reservoirs were transported and disposed of by Brookside as scrap metal.

On December 1, 2022, hydraulic oil was pumped from the elevator lift piston and reservoir on the first floor, into a 55-gallon DOT-regulated steel drum. The piston/reservoir was then removed from the ground and transported and disposed of by Brookside as scrap metal.

On December 6, 2022, three (3) individual stockpiles of material excavated from around the hydraulic lift pistons were comingled into a single stockpile. On December 7, 2022, IEEG collected

waste characterization samples from this stockpile (designated Hydraulic Lift Stockpile SP-1). The data was forwarded to Clean Earth of Carteret, LLC (CEC), of Carteret, NJ. On January 24, 2023, CEC issued an approval letter for the material in this stockpile. This material was exported from the Site on February 20, 2023, for disposal at CEC.

On December 20, 2022, IEEG collected and submitted waste characterization samples of the hydraulic oil drums for disposal approval. Veolia ES Technical Solutions LLC provided an approval letter for the oil drums on March 9, 2023. The drums were removed from the Site on March 27, 2023, and disposed of at Veolia ES Technical Solutions of Flanders, NJ.

3.1.2.2 Post Hydraulic Lift Piston/Reservoir Sampling and Results

On December 2, 2022, Brookside pumped standing water (thought to be perched groundwater) from within each of the hydraulic lift excavations to facilitate IEEG collecting endpoint samples. The oily water was pumped into four (4) DOT-regulated 55-gallon steel drums pending waste characterization and disposal. IEEG first screened the soils within the hydraulic lift excavations for evidence of VOCs, using a photo-ionization detector. Screening resulted in no evidence of VOCs. IEEG then collected four (4) confirmatory bottom endpoint samples from each of the four (4) hydraulic lift excavations (refer to Figure 6). The four (4) samples (designated HL-1, HL-2, HL-3, and HL-4) were placed in laboratory provided clean glassware stored on ice and were delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed for NYSDEC CP-51 list VOCs and SVOCs, and TCL PCBs, in accordance with USEPA Methods 8260 and 8270, and 8082A, respectively. The four (4) drums of oil/water were approved for disposal in an Approval Letter from Clean Water of New York on March 15, 2023. The four (4) drums were removed from the Site by Brookside on March 27, 2023, and transported to Clean Water of New York, of Staten Island, NY.

Based on a review of the post hydraulic lift piston/reservoir removal bottom endpoint samples (see **Plate 5**), while a number of VOCs (including 1,2,4-trimethylbenzene, 1,3,5-trimenthylbenzene, n-butylbenzene, naphthalene, p-isopropyltoluene, and sec-butylbenzene) and SVOCs (including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, chrysene, fluoranthene, phenanthrene, and pyrene) were detected in the samples, no compounds were detected in exceedance of their respective NYSDEC CP-51 Standards. The PCB 1260 was detected at a concentration of 140 ug/kg in sample HL-1, 180 ug/kg in HL-2, and 130 ug/kg in HL-4, below its CP-51 standard of 1,000 ug/kg. No other VOCs, SVOCs,

or PCBs were detected in the four (4) samples.

On December 9, 2022, IEEG staff collected two (2) apparent perched groundwater samples from standing water within the hydraulic lift piston excavations, as requested by NYSDEC BCP Project Manager Mr. Matthew Hubicki, to determine if the groundwater was impacted from the previous hydraulic lifts (see Figure 5). Sample volumes were obtained using a bailer, placed in laboratory provided clean glassware, stored on ice, and were delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed for NYSDEC TCL list VOCs and SVOCs, and TCL PCBs, in accordance with USEPA Methods 8260 and 8270, and 8082A, respectively.

Based on a review of the post hydraulic lift piston/reservoir removal groundwater samples (see **Plate 5**), no VOC, SVOC, or PCB compounds were detected in exceedance of their respective NYSDEC TOGS 1.1.1 WQ/GA Table 1 Standards.

3.1.3 Hot Spot Excavation

3.1.3.1 Excavation and End Point Sampling

Between December 13 and December 22, 2022, D-Best conducted the slab and bedrock demolition required to uncover the hotspot in the location of former soil boring SB-1, located in the northwest portion of the second floor. This was designated HS-1. During this time, once the slab had been removed, a negligible quantity of soil was removed from the 10-foot by 10-foot area, due to the presence of bedrock undulating directly below the slab. The depth of the excavation was approximately 2 feet below grade surface. Approximately 2-cubic yards of soil were removed and placed on plastic sheeting pending waste characterization and disposal. Due to the presence of bedrock at the base of the excavation, and on the north, east, and west sidewalls, only one confirmatory endpoint sample could be collected from the southern sidewall. This sample was designated HS-1-SWS, and was placed in laboratory supplied glassware, stored on ice, and was delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed Target Analyte List (TAL) Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A.

On February 20, 2023, D-Best conducted the slab and bedrock demolition required to uncover the hotspot in the location of former soil boring SB-3, located in the northwest portion of the second

floor. This was designated HS-3. During this time, once the slab had been removed, a negligible quantity of soil was removed from the 10-foot by 10-foot area, due to the presence of bedrock undulating directly below the slab. The depth of the excavation was approximately 3-feet below grade surface. Approximately 5-cubic yards of soil were removed and placed on plastic sheeting pending waste characterization and disposal. Due to the presence of bedrock at the base of the excavation, only four (4) confirmatory endpoint samples could be collected from the north, south, east, and west sidewalls. These samples were designated HS-3-N, HS-3-S, HS-3-E, and HS-3-W, and were placed in laboratory supplied glassware, stored on ice, and delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed Target Analyte List (TAL) Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A.

On April 5, 2023, D-Best conducted the slab and bedrock demolition required to uncover the hotspot in the location of former soil boring SB-10A, located in the southern portion of the first floor. This was designated HS-10A. During this time, once the slab had been removed, a negligible quantity of soil was removed from the 10-foot by 10-foot area, due to the presence of bedrock undulating directly below the slab. The depth of the excavation was approximately 3-feet below grade surface. Approximately 5-cubic yards of soil were removed and placed on plastic sheeting pending waste characterization and disposal. Due to the presence of bedrock at the base of the excavation, only three (3) confirmatory endpoint sample could be collected from the north, east, and west sidewalls. These samples were designated HS-10A-N, HS-10A-E, and HS-10A-W, and were placed in laboratory supplied glassware stored on ice, and delivered via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301). The samples were analyzed Target Analyte List (TAL) Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A.

3.1.3.2 Sampling Analysis and Results

Based on a review of the HS-1 endpoint samples, while a number of metals exceeded the NYSDEC Part 375 Unrestricted Use SCOs (including copper, nickel, and trivalent chromium), no compounds, including trivalent chromium, were detected in exceedance of their respective NYSDEC Part 375 Restricted Residential SCOs. Based on a review of the HS-3 endpoint samples, while a number of metals exceeded the NYSDEC Part 375 Unrestricted Use SCOs (including mercury, nickel, and trivalent chromium), no compounds, including mercury, were detected in

exceedance of their respective NYSDEC Part 375 Restricted Residential SCOs. Based on a review of the HS-10A endpoint samples, three (3) metals exceeded the NYSDEC Part 375 Restricted Residential Use SCOs (including Barium and Lead in the East sample, and Mercury, in the northern sample).

Due to the elevated concentrations of Barium, Lead, and Mercury, on April 10, 2023, D-Best Industries conducted further excavation of Hotspot HS-10A, approximately 5-feet to the north, and 5-feet to the east. Two (2) additional confirmatory endpoint samples were collected from the northern extent and eastern extent of HS-10A, HS-10A-N and HS-10A-E. Based on a review of the secondary HS-10A endpoint samples, two (2) metals, barium and lead, exceeded the NYSDEC Part 375 Restricted Residential Use SCOs in the northern EP sample. No exceedances of RRSCOs were detected in the eastern sample.

Due to the presence of the northern first floor retaining wall and abundance of bedrock, no further excavation of HS-10A could be conducted to the north. This information was provided to Mr. Hubicki by phone on April 18, 2023, and Mr. Hubicki indicated that no additional remedial actions would be required for HS-10A. See **Plate 6** for results of the endpoint sampling of all three (3) hot spots.

3.1.4 Exterior Remedial Investigation Sampling

3.1.4.1 Sample Collection

On December 9, 2022, two (2) exterior soil samples from 0-2 fbg were collected using a decontaminated stainless-steel hand auger. These two (2) samples, designated SB-21 and SB-22, were collected from outside the northwest corner of the Site building. Exterior RI Sample Locations are shown in Figure 7. The samples were placed in laboratory provided glassware, stored on ice, and transported via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301), and analyzed for TAL Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A. These samples were collected to evaluate areas that may have been used historically for drum storage or staging areas. Quality Assurance and Quality Control (QA/QC) samples were also collected, and included one (1) Duplicate, one (1) Matrix Spike (MS), one (1) Matrix Spike Duplicate (MSD), one (1) Field Blank (FB), and one (1) Trip Blank (TB).

3.1.4.2 Sample Analysis and Results

Based on a review of the analytical data from samples SB-21 and SB-22 (see **Plate 7**), while a number of metals exceeded the NYSDEC Part 375 Unrestricted Use SCOs (including lead, mercury, and zinc), no compounds were detected in exceedance of their respective NYSDEC Part 375 Restricted Residential SCOs.

3.1.5 Trench Drain Sampling

3.1.5.1 Sample Collection

On April 10, 2023, the "L" shaped trench drain located in the boiler room was investigated. It was found to discharge at each end via sumps. Using a jackhammer, the discharge points were opened up to allow access to the soils beneath. Two (2) soil samples from 0-2 fbg were collected from the soils beneath the discharge locations using a decontaminated stainless-steel hand auger, designated FT-1 and FT-2. The samples were placed in laboratory provided glassware, stored on ice, and transported via lab courier to ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301), and analyzed for Full Part 375 Analytical Parameters; TCL VOCs by USEPA Method 8260, TCL SVOCs by USEPA Method 8270, TAL Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A, PCBs by USEPA Method 8082A, Pesticides by Method 8081B, and Herbicides by Method 8151.

3.1.5.2 Sample Analysis and Results

Based on a review of the analytical data from samples FT-1 and FT-2 (see **Plate 8**), while a number of metals (copper and zinc) exceeded the NYSDEC Part 375 Unrestricted Use SCOs, no compounds were detected in exceedance of their respective NYSDEC Part 375 Restricted Residential SCOs.

3.1.6 North Wall Soil Sample

3.1.6.1 Sample Collection

On April 10, 2023, a single soil sample was collected using a decontaminated stainless-steel hand auger from apparent stained dark colored soils from along the second-floor northern wall, designated SB-23. Refer to Figure 9 for Second Floor North Wall Sample Location Map. The sample was placed in laboratory provided glassware, stored on ice, and transported via lab courier to

ELAP-certified Phoenix Analytical Laboratories of Manchester, CT (ELAP Certification #11301), and analyzed for Full Part 375 Analytical Parameters; TCL VOCs by USEPA Method 8260, TCL SVOCs by USEPA Method 8270, TAL Metals / Part 375 List metals (including cyanide, and hexavalent and trivalent chromium) by USEPA Methods 6010C/7471B/9010C/7196A, PCBs by USEPA Method 8082A, Pesticides by Method 8081B, and Herbicides by Method 8151.

3.1.6.2 Sample Analysis and Results

Based on a review of the analytical data from sample SB-23 (see **Plate 9**), while a number of metals and pesticides exceeded the NYSDEC Part 375 Unrestricted Use SCOs (including lead, trivalent chromium, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and a-chlordane), no compounds were detected in exceedance of their respective NYSDEC Part 375 Restricted Residential SCOs.

3.2 REMEDIAL CONTRACTS

On April 23, 2025, four (4) 550-gallon gasoline USTs were discovered during additional excavation of the buildings ramp area. All remedial work was performed in accordance with the June 3, 2025, Petroleum Bulk Storage Tank Removal / In-Situ Remediation Work Plan. The New York State Department of Environmental Conservation (NYSDEC) gave notice to proceed on June 11, 2025.

3.2.1 UST Cleaning, Cutting, and Removal

On May 29, 2025, the tank removal contractor, Brookside Environmental (Brookside) was onsite to begin pumping the standing product from each of the four (4) tanks. During the liquid extraction, Impact identified elevated VOC impacts in vapor, as indicated on a photo ionization detector (PID), and Impact instructed the team to cease work until VOC concentrations in the air decreased to below action levels. Impact conducted screening of the excavation and surrounding soils but found the highest VOC concentrations were being emitted from a vent on the Brookside pump truck. Several complaints from surrounding properties were received due to excessive odor coming from the Site. On this day approximately 1,325-gallons of product was transported to Advanced Waste and Water Technology of Farmingdale, NY.

Based on the ongoing VOC concentrations detected proximal to the Brookside pump truck, an NYSDEC representative ordered work to cease until such time that Brookside could mitigate vapor omission from their trucks vent. Impact requested Brookside fit a carbon filtration system to the

vent before returning to the Site the following day. NYSDEC also instructed Brookside to utilize a vapor mitigation spray (such as BioSolve) to mist the work area and reduce vapor concentrations and off-gassing. Brookside indicated they would re On May 30, 2025, Brookside returned with the filtration system fitted to the pump truck. Pumping recommenced with no VOCs detected above action levels. Once the tanks were pumped, the foundation contractor, D-Best Industries (D-Best) began removing the tanks from the ground. Gasoline impacted soil was observed under the easternmost tank, once removed. Additionally, an oily sheen was noted on the standing groundwater in the pit. NYSDEC and WCDOH inspectors agreed that work should stop until the BioSolve product could be deployed to mitigate vapor migration. Impact instructed D-Best to cover the excavation, soil stockpile, and tanks with poly sheeting, to avoid any further vapor off-gassing. On this day approximately 520-gallons of product was transported to Advanced Waste and Water Technology of Farmingdale, NY turn on Friday with BioSolve and the requested carbon filtration unit.

Impact contacted NYSDEC BCP Project Manager, Matthew Hubicki, and asked if in-situ remedial product could be applied to the standing groundwater as part of remediation, rather than perform post construction remedial injections. Mr. Hubicki agreed, and a Tank Removal Work Plan was submitted to the NYSDEC.

On June 2, 2025, D-Best Removed the remaining three (3) USTs from the ground and staged them at grade pending WCDOH and NYSDEC inspection. The post removal excavation was approximately 200-square-feet in size, and an estimated 75% of the excavation contained approximately 2-3-feet of standing groundwater, below which appeared to be bedrock. As requested by NYSDEC, Impact collected a sample of the standing groundwater for analysis. The groundwater sample results (see **Plate 11**) showed highly elevated concentrations of several petroleum related VOCs and SVOCs in exceedance of NYSDEC Ambient Water Quality Standards (AWQS).

On June 17, 2025, the four (4) clean removed USTs were transported to and disposed of at Gershow Recycling of Lindenhurst, NY.

3.2.2 Soil Screening, Excavation, and Sampling

On June 2, 2025, following the removal of the USTs, the underlying soils within the tank grave were inspected and field screened with a photo-ionization detector by qualified personnel for the

presence of volatile organic compounds (VOCs) or evidence of release (i.e., soil discoloration or olfactory indications).

Based on field screening, evidence of soil contamination was identified by way of elevated PID readings and gasoline odors. Between June 2 and June 18, 2025, over excavation of the impacted materials was performed using a small excavator or backhoe to the extent practicable. Removed soils were stockpiled on poly sheeting and covered overnight, pending characterization, transport, and disposal facility approval. Impact collected waste characterization samples of the impacted soil stockpile, and the material was approved for, and disposed of at Pure Soil Technologies of Jackson, NJ, on July 9, 10, 11, and 15, 2025.

Shallow groundwater was encountered in the base of the excavation, following soil removal. In order to maximize contaminant removal, Brookside Environmental were contracted to perform a Vacuum Enhanced Fluid Recovery (VEFR) event, to remove as much contaminated groundwater as possible. On June 17, 2025, approximately 432 gallons of groundwater were pumped out of the excavation using a vacuum truck and transported to Advanced Waste and Water Technology of Farmingdale, NY, along with one (1) steel 55-gallon drum containing 250-pounds of tank bottom waste.

On June 18, 2025, Impact collected five (5) bottom and sidewall confirmatory endpoint samples in accordance with NYSDEC DER-10 sampling guidance. Each sample was placed in laboratory supplied certified clean glassware, placed on ice, and transported to an ELAP Certified lab for analysis of NYSDEC CP-51 list VOCs and semi-volatile organic compounds (SVOCs). Results of the end point and side wall samples (see **Plate 10**) indicated elevated concentrations of primarily gasoline related VOCs (and a few SVOCs) in the base of the excavation (sample “Tank Bottom”) and, to a lesser extent, in the four (4) sidewall samples.

3.2.3 Remediation, Backfill, and Restoration

On July 9, 2025, due to the presence of residual soil and groundwater contamination, as approved by NYSDEC in an Interim Remedial Measures Work Plan, Impact deployed approximately 240-pounds of Regenesis Oxygen Release Compound (ORC) Advanced into the exposed groundwater within the UST grave. The ORC Advanced was then mixed into the soil and groundwater using a mini excavator, until thoroughly dispersed to increase its remedial effectiveness. Following the ORC Advanced application, the excavation was partially backfilled with clean soil generated from

utility trenching in the central portion of the first floor (this material was sampled by Impact, analyzed, and approved for on-site reuse by NYSDEC).

On July 10 and 11, 2025, two (2) loads of ASTM #57 virgin quarry ¾" bluestone was delivered to the site from Tilcon Mount Hope Quarry, to complete the backfilling of the UST grave. Once fully backfilled the excavation was compacted and then covered with part of the site-wide vapor barrier system and finally capped with concrete slab.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the 46-70 McLean Avenue Auto Repair Laundry Site July 2023 (revised April 7, 2025). All deviations from the RAWP are noted below.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

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

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as **Appendix K** of the RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

4.1.3 Soil/Materials Management Plan (S/MMP)

4.1.3.1 Soil Screening Methods

Visual, olfactory, and PID soil screening and assessment was performed by a qualified environmental professional or experienced field scientist under the direction of the Remedial Engineer during all remedial and development (if any) excavations into known or potentially contaminated material. Soil screening was performed regardless of when the invasive work is done and included all excavation and invasive work performed during the remedy phase and development (if any), such as excavations for utility work, prior to issuance of the Certificate of Completion.

4.1.3.2 Temporary Soil Staging Methods

Although direct-loading of trucks was primarily performed to the extent practical, excavated soil

was occasionally stored as temporary stockpiles or in roll-off containers. Stockpiles, and were inspected at a minimum once each week and after every storm event. Results of inspections were recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. Stockpiles were lined and covered with polyethylene sheeting and continuously encircled with silt fences or hay bales (except where material is being loaded or removed). Hay bales or inlet protection covers were used as needed near catch basins and other discharge points. Water was available on-Site at suitable supply and pressure for use in dust control. Roll-off containers were covered. If wet soil was encountered, roll-offs were lined.

4.1.3.3 Soil Transport Routes

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded. Proposed in-bound and out-bound truck routes to the Site are shown in Plate 16 of the RAWP. This was the most appropriate route and took into account: (a) limiting transport through residential areas and past sensitive sites to the extent practicable; (b) use of city mapped truck routes; (c) prohibiting off- Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport; [(g) community input [where necessary]]. Material transported by trucks exiting the Site was secured with tight-fitting covers. Loose-fitting canvas-type truck covers were prohibited. If loads contained wet material capable of producing free liquid, truck liners were used.

4.1.3.4 Material Excavation and Load-Out, Transportation and Off-Site Disposal

The Remedial Engineer or a qualified environmental professional under his/her supervision oversaw all invasive work, including the excavation and load-out of all excavated material.

The Volunteer and its contractors were solely responsible for safe performance of all invasive work, the structural integrity of excavations, and the stability of structures that may have been affected by the excavations (e.g., sidewalks, drainage structures, parking lot islands, electrical service, etc.).

All transport of materials was performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers were appropriately licensed and trucks properly placarded. Trucks were prohibited from stopping and idling in the neighborhood outside the project Site. Off-Site queuing was minimized to the extent practicable.

Locations where vehicles enter or exit the Site were inspected daily for evidence of tracking soil off the Site. Egress points for truck and equipment transport from the Site were kept clean of dirt and other materials during Site remediation and development.

The disposal locations were determined prior to implementation of the on-Site Remedial Action and were reported to the NYSDEC Project Manager.

Unregulated off-Site management of materials from this Site was prohibited without formal NYSDEC approval. Material that did not meet Track 1 UU SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-15 Registration Facility).

The following documentation was obtained and reported by the Remedial Engineer for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conformed with all applicable laws: (1) a completed disposal facility application for each receiving facility describing the material to be disposed and requesting formal written acceptance of the material. This application will state that material to be disposed of is contaminated material generated at an environmental remediation Site in New York State. The application will provide the project identity. The application will include as an attachment a summary of all chemical data for the material being transported (including Site Characterization data); and (2) a letter from all receiving facilities stating it is in receipt of the correspondence (above) and is approved to accept the material. These documents are included in this FER.

This FER includes an accounting of the destination of all material removed from the Site during this on-Site Remedial Action, including excavated soil, solid waste, hazardous waste (if any), non-regulated material, and fluids. Documentation associated with disposal of all material includes records and approvals for receipt of the material.

Bill of Lading system or equivalent was used for off-Site movement of non-hazardous wastes and contaminated soils.

No hazardous wastes were derived from the Site.

4.1.3.5 Material Reuse On-Site

Soil originating on the Site may have been reused on the site provided laboratory analysis of the soil demonstrated compliance with SCGs as detailed in DER-10 Table 5.4(e)4. Otherwise, soil was disposed of in a permitted treatment, storage or disposal facility. Procedure for determining if soil

reuse was appropriate:

- The number of samples required to demonstrate compliance with SCGs was dependent on the volume of soil identified for reuse.
- Grab soil samples were required for VOC analysis by USEPA Method 8260, and discrete samples from 3 to 5 random locations from the volume of soil to be tested are composited for SVOCs by USEPA Method 8270, PCBs, organochlorine pesticides, TAL metals and PFAS compound analysis.
- Levels of contamination could not exceed the lower of the protection of groundwater and residential use levels.
- A summary table of the reuse analytical results compared to the Restricted Residential Use SCOs was submitted to the NYSDEC for evaluation and approval.
- A "Request to Import/Reuse Fill Material" form was filed with the NYSDEC project manager for review and approval prior to material reuse on the site.

The Remedial Engineer ensured that procedures defined for materials reuse in this RAWP were followed and that unacceptable material did not remain on-Site. The following also apply to material reuse on Site:

- Concrete crushing or processing on-Site was prohibited, unless NYSDEC had specifically approved on-site processing and reuse of acceptable demolition material.
- Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site was prohibited for reuse on-Site.
- Contaminated on-Site material, including historic fill and contaminated soil, removed for grading or other purposes, was not reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

4.1.3.6 Fluids Management

No dewatering was performed. Some liquids, standing water in the tank excavation, were generated as part of vacuum extraction fluid recovery events, and were handled, transported, and disposed of in accordance with applicable local, State, and Federal regulations.

4.1.3.7 Demarcation

The building foundation serves as the demarcation layer and was placed to distinguish between clean soil and soil exceeding UUSCOs.

4.1.3.8 Backfill from Offsite Sources

Materials proposed for import onto the Site were approved by the Remedial Engineer and NYSDEC and was in compliance with provisions in the RAWP prior to receipt at the Site. Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to establish the designed grades at the Site. Sampling of backfill material was not required as all material brought for backfill was native material from a virgin quarry source with less than 10 % fines and did not require sampling prior to use as backfill on the Site.

Material from industrial sites, spill sites, other environmental remediation sites or other potentially contaminated sites was not imported to the Site.

Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360 (i.e., soils from another construction Site outside of New York City), but do not meet backfill objectives for this Site, was not imported onto the Site.

4.1.3.9 Erosion and Sedimentation Controls

Barriers and hay bale checks were installed and inspected once a week and after every storm event. Results of inspections were recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. All necessary repairs were made immediately.

Accumulated sediments were removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor was repaired immediately with appropriate backfill materials.

Manufacturer's recommendations were followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in the RAWP were observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they were inspected to ascertain whether erosion control measures were effective in preventing significant impacts to receiving waters.

Silt fencing or hay bales were installed around the entire perimeter of the remedial construction area, where needed.

4.1.3.10 Contingency Plan

As per the Contingency Plan, as unknown USTs were found during on-Site remedial excavation,

sampling was performed on surrounding soils and collected from sidewalls and excavation bottoms. Chemical analytical work was for full scan parameters (TAL metals, TCL VOCs and SVOCs, TCL pesticides, PCBs, and PFAS "emerging contaminants"). These analyses were not limited to CP-51/Soil Cleanup Guidance parameters where tanks are identified without prior approval by NYSDEC.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work was promptly communicated by phone to NYSDEC's Project Manager. These findings are included in daily reports.

4.1.3.11 Community Air Monitoring Plan

Real-time air monitoring for volatile organic compounds (VOCs) and particulate levels at the perimeter of the exclusion zone or work area were performed. Continuous monitoring was performed for all ground intrusive activities and during the handling of contaminated or potentially contaminated media. Ground intrusive activities included, but were not limited to, soil/waste excavation and handling, test pit excavation or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs was performed during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. Periodic monitoring during sample collection consisted of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well bailing/purging, and taking a reading prior to leaving a sample location. Depending upon the proximity of potentially exposed individuals, continuous monitoring was be performed during sampling activities. Examples of such situations included groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence. Exceedances of action levels observed during performance of the Community Air Monitoring Plan (CAMP) were reported to the NYSDEC Project Manager and are included in the Daily Reports.

<u>VOC Monitoring, Response Levels, and Actions</u>

Volatile organic compounds (VOCs) were monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis during invasive work. Upwind concentrations were measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work was performed using equipment

appropriate to measure the types of contaminants known or suspected to be present. The equipment was calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment was capable of calculating 15-minute running average concentrations, which were compared to the levels specified below.

If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeded 5 parts per million (ppm) above background for the 15-minute average, work activities were temporarily halted and monitoring continued. If the total organic vapor level readily decreased (per instantaneous readings) below 5 ppm over background, work activities were able to resume with continued monitoring.

If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persisted at levels in excess of 5 ppm over background but less than 25 ppm, work activities were halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities were able to resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, was below 5 ppm over background for the 15-minute average.

If the organic vapor level was above 25 ppm at the perimeter of the work area, activities were shutdown.

All 15-minute readings were recorded and made available for NYSDEC personnel to review. Instantaneous readings, if any, used for decision purposes were also recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations were monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring was performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment was equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration was visually assessed during all work activities.

If the downwind PM-10 particulate level was 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust was observed leaving the work area, then dust suppression techniques were employed. Work could continue

with dust suppression techniques provided that downwind PM-10 particulate levels did not exceed 150 mcg/m3 above the upwind level and provided that no visible dust was migrating from the work area.

If, after implementation of dust suppression techniques, downwind PM-10 particulate levels were greater than 150 mcg/m3 above the upwind level, work was stopped, and a re-evaluation of activities initiated. Work was able to resume provided that dust suppression measures and other controls were successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and was preventing visible dust migration.

All readings were recorded and made available for NYSDEC personnel to review.

Exceedances observed in the CAMP were reported to NYSDEC and NYSDOH Project Managers and included in the Daily Reports.

4.1.3.12 Odor, Dust and Nuisance Control Plan

4.1.3.12.1 Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off-Site. Specific odor control methods to be used on a routine basis will include wetting the Site down with available water supply. If nuisance odors are identified, work will be halted, and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of all other complaints about the project. Implementation of all odor controls, including the halt of work, will be the responsibility of the Volunteer's Remedial Engineer, who is responsible for certifying the Final Engineering Report.

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils; [add other elements as appropriate]. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due to on-Site conditions or close

proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.

4.1.3.12.2 Dust Control Plan

A dust suppression plan that addresses dust management during invasive on-Site work, will include, at a minimum, the items listed below and will comply with NYSDEC DER-10 Appendix 1B – Fugitive Dust Control:

Dust suppression will be achieved through applying water on haul roads; wetting equipment and excavation faces; spraying water on buckets during excavation and dumping; hauling materials in properly tarped or watertight containers; restricting vehicle speeds to 10 mph; covering excavated areas and material after excavation activity ceases; and reducing the excavation size.

4.1.3.12.3 Other Nuisance

A plan for rodent control will be developed and utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work. A plan will be developed and utilized by the contractor for all remedial work and will conform, at a minimum, to NYCDEP noise control standards.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control.

4.1.6 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

The NYSDEC and SNL Yonkers, LLC established a CPP because the opportunity for citizen

participation was an important component of the NYS BCP. The CPP describes how information about the project was disseminated to the Community during the remedial process. As part of its obligation under the NYSDEC BCP, SNL Yonkers, LLC maintained a repository for project documents and provide public notice at specified times throughout the remedial program. This Plan also considered potential environmental justice concerns in the community that surrounds the project Site. Under this CPP, project documents and work plans were made available to the public in a timely manner. Public comment on work plans was strongly encouraged during public comment periods. Work plans were not approved by the NYSDEC until public comment periods had expired and all comments were formally reviewed. An explanation of cleanup plans in the form of a public meeting or informational session were available upon request to the NYSDEC's project manager assigned to this Site, Mr. Matthew Hubicki, who could be contacted about these issues or any other questions, comments or concerns that arose during the remedial process at (518) 402-9605.

A certification of mailing was sent by the SNL Yonkers, LLC to the NYSDEC project manager following the distribution of all Fact Sheets and notices that included: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet, (4) a list of recipients (contact list); and (5) a statement that the repository was inspected on (specific date) and that it contained all of applicable project documents. All fact sheets will be translated into Spanish.

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

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

Contractor/Consultant	Responsibility	Contact
D-Best Industries	Demolition / Construction	Philip Lepine 516-578-0943 pl@dbestny.com
Park East Construction	Construction Management	George Caputo 516-805-4223 gcaputo@parkeastconstruction.com
Brookside Environmental	Tank / Lift Removal Contractor	Richard Taylor 516-377-6300 rtaylor@brooksideweb.com
PAL Environmental Services	SSDS / Monitoring Well Installation	Mike Baldwin 516-779-5234 mbaldwin@palcorp.com
Control Point Associates	Survey Contractor	John Kupst 908-668-0099 jkupst@cpasurvey.com
Impact Environmental Engineering and Geology PLLC	Environmental Consultant	Christopher Connolly 516-983-0210 cconnolly@impactenvironmental.com
Impact Environmental Engineering and Geology PLLC	Certifying Engineer	Brad Summerville 856-625-9229 bsummerville@impactenvironmental.com
Knauf Shaw LLP	Environmental Attorney	Linda Shaw 585-414-3122 lshaw@nyenvlaw.com
New Star Soil Logistics	Soil Broker	Doug Birkmire 631-786-0051 dbirkmire@newstarsoil.com
Frank G. Relf Architect, P.C.	Architect	Frank G. Relf 631-271-4432 fgr@fgrelf.com
Laboratory Data Consultants, Inc	Data Usability Summary Reports and Validation	Pei Geng 760-827-1100 pgeng@lab-data.com
Phoenix Environmental Laboratories	Certified Laboratory	Michael Lapman 917.449.0850 michael@phoenixlabs.com
Pace Analytical Services	Certified Laboratory	Marty Vitanza 508-439-5155 Marty.Vitanza@pacelabs.com
Regenesis	ORC Advanced Product	Elliot Maker 401-474-2708 Emaker@regenesis.com

4.2.2 Site Preparation

A pre-construction meeting was held with the volunteer (SNL Yonkers LLC), NYSDEC, IEEG, and D-Best Industries in October 2021.

Prior to commencing remedial actions, the Demolition/Construction contractor completed mobilization and site preparation for remedial activities beginning on September 15, 2022, as indicated below:

- Identified the location of all aboveground and underground utilities (e.g., power, gas, water, sewer, telephone), equipment, and structures as necessary to implement demolition and the remedy.
- Obtained agency approvals and permits, including City of Yonkers Department of Buildings and New York State Department of Transportation (NYSDOT) permits (e.g., perimeter fencing, signs, sidewalk usage etc.).
- Security fencing was installed between September 16 and 18, 2022, in accordance with construction specifications.
- Construction equipment was mobilized to the Site on September 20, 2022, and slab removal and excavation began on October 3, 2022.

Documentation of agency approvals required by the RAWP is included in **Appendix E**. Other non-agency permits relating to the remediation project are provided in **Appendix F**.

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

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

4.2.3 General Site Controls

Site Security

Security of the Site was maintained by a construction fence erected around the perimeter of the Site with a gate at the site entrance/egress point, which was locked at the end of each workday. Warning tape and/or barricades were placed around open excavations. Job Site recordkeeping included a daily sign-in sheet, daily air monitoring logs, waste manifests, accident reports, field notes, and photographic documentation. All project forms, logs and receipts were filed on-Site,

in dedicated binders kept in the construction trailer. Field notes and observations were recorded in a dedicated project field book which remained in the construction trailer. Photographic documentation was uploaded on a daily basis to a laptop computer which remained in the possession of the EP or Contractor.

The following general Site controls were established at the BCP Site to ensure the safety of on-Site workers, remedial personnel, nearby residents, and potential trespassers; and to minimize off-Site and on-Site impacts of remedial activities.

Personal Protective Equipment

Construction activities were performed in modified Level D Personal Protective Equipment (PPE), which included steel-toed work boots, hard hats, safety glasses, long sleeved shirts, gloves, and high-visibility clothing (e.g., reflective vest). Job Site recordkeeping for all remedial work was appropriately documented by IEEG. Documented activities included daily inspections to verify conformance with the RAWP, health and safety monitoring and material tracking. These records were maintained on-Site by IEEG during the performance of the Remedial Action and were available for review by the NYSDEC.

Soil Screening Methods

Soil screening was performed by the project EP during excavation of all on-Site soil during waste characterization sampling and/or disposal. Soil stockpiles were covered with appropriately anchored tarps until waste characterization results were obtained (if in-situ sampling was not already performed), disposal facility arrangements were made, and soil load out occurred. Soil segregation was performed based on observed field evidence of contamination and waste classification analysis. All stockpiled materials were placed on double 6-mil polyethylene sheeting and were kept covered with appropriately anchored sheeting when material was not being added or removed and at the end of each workday.

4.2.4 Nuisance controls

The SMMP specified that dust would be controlled by wetting the work area. Dust generation was minimal during most excavation work, and water was sprayed in the areas of work as needed based on the CAMP readings or visual confirmation or odor detection.

Nuisance odors, primarily related to temporarily stockpiled soils and loading operations, were

minimized by covering stockpiled soils when such piles remained overnight or longer.

The selected truck route and vehicular speed minimized traffic on neighborhood streets and followed the NYCDOT-approved truck routes. Sidewalks and roadways surrounding the Site were cleaned as necessary.

The only complaints associated with the Site occurred on May 29, 2025, during pump-out of residual gasoline from the four (4) 550-gallon USTs. The issue was a missing carbon filtration unit on the pump truck's vapor/emissions vent. Complaints were received by, and directed through, the Yonkers Fire Department. Work was halted immediately, a carbon filtration unit was installed on the pump truck, and activities resumed the following day with no further complaints.

4.2.5 CAMP results

Continuous air monitoring was performed on a daily basis at the site boundaries (or work zone boundaries) for dust and VOCs in accordance with the CAMP. Two (2) TSI DUSTRAK DRX and MiniRae 3000 CAMP monitoring units, one (1) upwind unit and one (1) downwind unit were deployed for real-time air monitoring of VOCs and particulate levels with instrumentation and visual monitoring of fugitive dust migration at the perimeter of the exclusion zone or work area. Fifteen-minute running averages were calculated from the data recorded in each respective PID or DustTRAK, and averages were compared to the action levels prescribed in the CAMP.

Volatile organic compound (VOC) concentrations exceeding the 15-minute CAMP action level were recorded during gasoline-pumping activities on May 29, 2025, as discussed in Section 4.2.4. Aside from this occurrence, no exceedances of CAMP action levels were reported during soil excavation. On several occasions, CAMP monitoring was temporarily suspended due to inclement weather (primarily heavy rain), during which instruments could have been damaged or produced unreliable readings. Electronic copies of all CAMP field data sheets are provided in **Appendix G**.

4.2.6 Reporting

In accordance with the NYSDEC-approved RAWP, daily status reports were prepared and submitted to the NYSDEC and the project team. Daily reports included a listing of contractors, personnel and equipment on-Site, description of activities performed by contractors, CAMP monitoring results, materials imported/exported to/from the Site, a photographic log of the daily activities, and planned activities for the following day.

Monthly project status reports were prepared by the IEEG Project Manager and distributed to NYSDEC and project team following each reporting period. Monthly reports included a summary

of the activities performed during the month and those anticipated during the next month, a summary of materials transported on/off the Site during the month, description of percentage of remedial action completion, sampling results, and delays in the schedule.

All daily and monthly reports are included in electronic format in **Appendix H**. The digital photo log required by the RAWP is included in electronic format in **Appendix I**.

4.3 CONTAMINATED MATERIALS REMOVAL

Excavation and off-site disposal of soils from the Site that exceeded the RRSCO, listed in 6NYCRR Part 375-6, Table 375-6.8(b), were completed as part of the IRM hotspot removal, UST closure, and hydraulic lift removal activities, as detailed in the IRM CCR (see **Appendix J**). Refer to **Plates 3 through 6** for a Hotspot Removal, UST Closure, and Lift Removal Maps. It was understood, based on the RI results, that no other material would exceed the RRSCOs at the Site.

However, during post-IRM construction related excavations, four (4) 550-gallon former gasoline USTs were encountered. Materials surrounding and beneath these USTs (above shallow bedrock) were found to be impacted with petroleum compounds. This impacted material was over-excavated, segregated and stockpiled on approved polyethylene sheeting, covered overnight, and sampled for waste characterization and disposal facility approval purposes.

Additional material was removed to support the redevelopment of the Site. The soil and materials management on-Site and off-Site was conducted in accordance with the SMMP.

Between December 19, 2022, and July 15, 2025, a total of 2,075.63 tons of contaminated soil/fill was removed from the Site. Of this total:

- 167.72 tons were removed during IRM hot-spot excavations (HS-1, HS-3, HS-10a): 156.80 tons transported to and disposed of at Impact Reuse & Recovery Center (IRRC), 1000 Page Avenue, Lyndhurst, NJ (NJDEP #CBG170002), and 10.92 tons transported to and disposed of at Clean Earth of Carteret, LLC (CEC), Carteret, NJ.
- 87.16 tons were removed during IRM hydraulic-lift removal activities and transported to and disposed of at CEC, Carteret, NJ.
- 118.05 tons were removed during IRM UST removal/closure (5,000-gallon former fuel oil UST) and transported to and disposed of at IRRC, Lyndhurst, NJ.

- 142.72 tons of gasoline-impacted material generated during removal/closure of the four (4) 550-gallon former gasoline USTs were transported to and disposed of at Pure Soil Technologies, Inc., Jackson Township, Ocean County, NJ (NJDEP #CBG190003).

In total, 515.65 tons were removed as part of IRM and RAWP remedial activities, with only the gasoline-impacted materials from the four UST removals generated under the approved RAWP.

A list of the soil cleanup objectives (SCOs) for the contaminants of concern is provided in **Table 1**.

4.3.1 Gasoline Impacted Materials from Four (4) UST Excavation

As part of the Remedial Action, four (4) former gasoline USTs were removed and impacted materials excavated, and soil transported to a licensed disposal facility. A post tank removal excavation location map, showing dimensions and endpoint sample locations, is included in **Plate 13.Soil**

4.3.1.1 Gasoline Impacted Material Disposal Details

Between July 9 and July 15, 2025, a total of 142.72 tons of material was generated from the tank grave over-excavation. Excavation was completed using a track mounted mini excavator to depths of approximately 3-5 ft bgs, at which point bedrock was encountered. The excavation area was approximately 200 sq ft. The gasoline contaminated material was transported to and disposed of at Pure Soil Technologies, Inc., of Jackson Township, Ocean County, NY (NJDEP #CBG190003). See **Appendix L** for copies of the disposal manifests.

On June 12, 2025, IEEG staff collected one (1) grab and one (1) composite samples from the stockpile of gasoline contaminated soils. On June 26, 2025, IEEG completed and submitted a Material Characterization Report for Pure Soil Technologies, Inc., along with a copy of the laboratory data and a waste characterization sample map. On June 27, 2025, Pure Soil Technologies, Inc., issued a letter to Mr. Jim Sherrier of the soil broker New Star Logistics, approving the disposal of up to 750 tons of gasoline impacted material from the Site. See **Appendix K** for copies of the facility applications and approvals.

Table 2 shows the total quantities of each category of material removed from the site and the disposal locations. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on **Tables 3a** through **3e.**

4.3.2 Gasoline Product and Impacted Groundwater from Four (4) UST Excavation

As part of the Remedial Action, four (4) former gasoline USTs were removed from the Site. During the removal and closure of the USTs, residual gasoline product was removed from the tanks using a pump truck, tank bottom sludges were placed in 55-gallon steel drums, and a vacuum enhanced fluid recovery (VEFR) event was performed to extract impacted groundwater from the open excavation. These materials were transported to a licensed disposal facility.

4.3.2.1 Gasoline Product and Impacted Groundwater Disposal Details

Between May 29 and May 30, 2025, a total of approximately 1,845-gallons of residual gasoline product was generated from the tank closure and removal activities, along with one (1) 55-gallon drum of tank bottom sludge. The gasoline product and bottoms were transported to and disposed of at Advanced Waste and Water Technology of Farmingdale, NY. See **Appendix M** for copies of the disposal manifests associated with the tank closure.

On June 2, 2025, IEEG staff collected one (1) grab sample from the standing groundwater present within the tank excavation, as directed by NYSDEC. The laboratory data was sent to and approved by Advanced Waste and Water Technology of Farmingdale, NY, and on June 17, 2025, Brookside Environmental performed a VEFR event within the open excavation, and a total of 432-gallons of impacted groundwater were removed and transported to / disposed of at Advanced Waste and Water Technology of Farmingdale, NY.

Table 4 shows the total quantities of each category of material removed from the site and the disposal locations.

4.3.3 On-Site Reuse

On June 9, 2025, IEEG collected samples from the locations of two (2) proposed utility trenches, each approximately 50-linear feet long, on the first floor of the building, to assess whether this material could be reused onsite for backfill once excavated. As per DER-10 protocols, two (2) grab samples (one from each proposed trench, designated T1-Grab and T2-Grab) and two (2) composite samples (one from each proposed trench, and comprising of five composited individual samples , designated T1-Grab and T-2 Grab) were collected and submitted for laboratory analysis of NYSDEC Part 375 VOCs, SVOCs, Metals, PCBs, Pesticides/Herbicides, and Emerging

Contaminants (including NY-List PFAS/PFOA and 1,4-dioxane).

On June 24, 2025, IEEG completed the NYSDEC Request to Import/Reuse Fill or Soil form and submitted along with the above laboratory analysis and a sample location map, requesting to reuse approximately 50-100 cubic yards of this material. Laboratory data showed trivalent chromium slightly exceeding UUSCOs, and acetone above UUSCOs. No other VOCs, SVOCs, Metals, Pesticides/Herbicides, PCBs, or PFAS/PFOAs were detected above UUSCOs. On the same day NYSDEC Project Manager Matthew Hubicki sent email correspondence approving the reuse of this material. See **Appendix E**.

On July 9, 2025, following the application of Regenesis ORC Advanced into the exposed gasoline impacted groundwater within the former tank excavation, a total of approximately 50-cubic yards of material approved for reuse from the utility trenches was used to partially backfill the former tank excavation. On July 11, 2025, the remaining 50-cubic yards was utilized to backfill the utility trenches. See **Plate 14** for locations of reuse soil generation and placement.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

4.4.1 Post Tank Removal Endpoint Sampling

On June 18, 2025, following the removal of the four (4) 550-gallon former gasoline USTs, IEEG collected one (1) bottom and four (4) sidewall confirmatory endpoint samples in accordance with NYSDEC DER-10 sampling guidance. Each sample was collected with a decontaminated stainless-steel hand auger, was placed in laboratory supplied certified clean glassware, placed on ice, and transported to an ELAP Certified lab for analysis of NYSDEC CP-51 list VOCs and semi-volatile organic compounds (SVOCs).

Results of the end point and side wall samples indicated the following:

- Elevated concentrations of multiple petroleum related VOCs (including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, p-isopropyltoluene, toluene, and total xylenes), along with the SVOCs dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene, were found in excess of their respective NYSDEC CP-51 Standards in sample “Tank Bottom”.
- Elevated concentrations of 1,2,4-trimethylbenzene were detected in Tank Sidewall North-A, Tank Sidewall North B, and Tank Sidewall South B, above CP-51 Standards.

- 1,3,5-trimethylbenzene was detected in Tank Sidewall South B above CP-51.
- Benzene was detected in Tank Sidewall North A and Tank Sidewall South A above CP-51.
- Ethylbenzene was detected in Tank Sidewall North A, Tank Sidewall North B, and Tank Sidewall South B above CP-51.
- Isopropylbenzene was detected in Tank Sidewall South B above CP-51.
- Toluene was detected in Tank Sidewall North A and Tank Sidewall South B above CP-51.
- Total Xylenes were detected in all four (4) sidewall samples above CP-51.

Based on a review of the laboratory data, residual contamination above Track 2 RRSCOs was still present at the time of this sampling. However, due to the abundant presence of bedrock, primarily at the base of the tank excavation, additional over-excavation was not deemed feasible. In addition, due to the presence of shallow groundwater, and the saturated nature of the soil endpoint samples, the known groundwater impacts have likely impacted the results of the soil sample analysis. Finally, additional remedial actions, including in-situ chemical remedial techniques were implemented following the collection of these endpoint samples, which will likely have improved the characteristics of the surrounding soils. See **Section 3.2.3** for details of the additional remedial actions.

A table and figure summarizing all end-point sampling is included in **Table 6** and **Plate 10,** respectively, and all exceedances of SCOs are highlighted.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in **Appendix M** and associated raw laboratory data is provided electronically in **Appendix N**.

4.4.2 Post Ramp Excavation Endpoint Sampling

On July 14, 2025, under direction from NYSDEC, IEEG collected two endpoint samples following the completion of excavation of the former ramp area, prior to placement of the ¾" virgin stone sub-base and vapor barrier. The two (2) samples, designated EP-1-RAMP and EP-2-RAMP were collected from locations advised by NYSDEC Inspector Tracey Garland. Each sample was collected using a decontaminated stainless-steel hand auger, was placed in laboratory supplied certified clean glassware, placed on ice, and transported to an ELAP Certified lab for analysis of NYSDEC Part 375 List VOCs, SVOCs, PCBs, Metals, and Pesticides.

Based on a review of the analysis, the pesticide 4,4'-DDT (3.6 ug/kg) was the only compound detected in exceedance of its Part 375 UUSCOs. Other compounds were detected, but all below UUSCOs.

A table and figure summarizing all end-point sampling is included in **Table 7** and **Plate 11,** respectively, and all exceedances of SCOs are highlighted.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in **Appendix M** and associated raw laboratory data is provided electronically in **Appendix N**.

4.4.3 Post Tank Removal Standing Groundwater Sampling

On June 2, 2025, in accordance with DER-10 protocols, due to the abundance of standing groundwater within the final tank excavation, IEEG collected a single sample of the standing groundwater using a clean acetate bailer. The sample, designated Tank-GW-1, was transferred directly into laboratory provided clean glassware, and was submitted to Phoenix Environmental Laboratories of Manchester CT for analysis of TCL VOCs and TCL SVOCs (USEPA Methods 8260 and 8270 respectively).

Based on a review of the data several VOCs and SVOCs were detected at concentrations exceeding their respective NYSDEC Ambient Water Quality Standards (AWQS), as follows:

- 1,2,4-trimethylbenzene (2,200 ug/kg)
- 1,2-dichloroethane (250 ug/kg)
- 1,3,5-trimethylbenzene (740 ug/kg)
- Benzene (5,800 ug/kg)
- Ethylbenzene (1,600 ug/kg)
- Isopropylbenzene (220 ug/kg)
- Naphthalene (780 ug/kg)
- N-butylbenzene (130 ug/kg)
- N-propylbenzene (330 ug/kg)
- O-xylene (1,900 ug/kg)
- P-isopropyltoluene (180 ug/kg)
- Sec-butylbenzene (91 ug/kg)
- Toluene (8,500 ug/kg)
- Total xylenes (6,000 ug/kg)
- 2-methylnaphthalene (260 ug/kg)
- Benzo(a)anthracene (0.09 ug/kg)
- Benzo(a)pyrene (0.07 ug/kg)
- Benzo(b)fluoranthene (0.08 ug/kg)

- Benzo(k)fluoranthene (0.07 ug/kg)
- Chrysene (0.18 ug/kg)
- Indeno(1,2,3-cd)pyrene (0.06 ug/kg)

The results indicated significant gasoline related impacts in the groundwater proximal to the former 550-gallon gasoline USTs. It should be noted that additional remedial actions, including in-situ chemical remedial techniques, were implemented following the collection of this standing groundwater sample, which will likely have improved the characteristics of the onsite groundwater. See Section 4.4.5 for details of the additional remedial actions.

A table and figure summarizing all end-point sampling is included in **Table 8** and **Plate 12,** respectively, and all exceedances of SCOs are highlighted.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in **Appendix M** and associated raw laboratory data is provided electronically in **Appendix N**.

4.4.4 Post Remedial Monitoring Well Installation

On September 12 and 15, 2025, IEEG oversaw the installation of five (5) new permanent groundwater monitoring wells designated MW-1B, MW-2B, MW-3B, MW-4B, and MW-6B. Prior to the installation, IEEG staff walked the Site to determine if any former monitoring wells were still present, and if so, if they were viable to be sampled as part of the post remedial action groundwater sampling events. IEEG determined that three (3) monitoring wells, MW-12, MW-13, and MW-14, located in the sidewalk along the southeast corner of the building, remained. Each of these three (3) wells, installed by others as part of a previous environmental investigation, were probed with an electronic depth to water meter. All three (3) wells were determined to have been undamaged by the ongoing remedial/construction work and were able to be sampled as part of this event. Furthermore, it was concluded that one of the proposed new IEEG monitoring wells, MW-5B, was not needed, due to its proximity to MW-12/13/14 (further details can be found in Section 4.10, Deviations from the RAWP).

The five (5) new permanent monitoring wells were installed using both a track-mounted GeoProbe 6700, and in the case of MW-4B (which was in a more challenging area to access), a remote GeoProbe 420M. Each well borehole was advanced to either 5 feet beyond the

encountered groundwater depth, or to bedrock. Well depths ranged from 8-feet bgs to 17-feet bgs (Well Construction Logs can be found in **Appendix P**. Once the terminal depth was reached the well materials consisting of schedule 40 PVC 0.001 slotted screen (transecting the groundwater table) and schedule 40 solid PVC riser was installed in the borehole. A sand filter pack was then placed around the section of slotted PVC screen to a minimum of 2 feet above the screen depth, and the well was finished with a bentonite grout plug to 1-foot bgs, a locking J-Plug, a stainless-steel road box, and concrete patch at grade. Monitoring Wells Locations can be found in **Plate 13**.

4.4.5 Post Remedial Groundwater Sampling

On September 19, 2025, IEEG mobilized to the Site to gauge, purge, and sample the three (3) pre-existing and five (5) newly installed monitoring wells. Firstly, each of the eight (8) wells were gauged for depth to water, depth to bottom, and if present, depth to product, using an electrical depth to water meter and interface probe. The results of the pre-sample well gauging are presented in the table below:

MW Identifier	MW Diameter (inches)	Depth to Bottom (feet)	Depth to Water (feet)	Pre-Sample Purge Quantity (gallons)
MW-1B	2	9.92	NA*	NA*
MW-2B	2	10.21	4.081	1
MW-3B	2	8.06	NA*	NA*
MW-4B	1	17.39	11.15	10
MW-6B	2	16.94	12.10	10
MW-12	1	18.23	10.36	10
MW-13	2	17.91	10.52	10
MW-14	1	18.62	10.18	10

*Wells were found dry, thus the well was not purged or sampled

Using a peristaltic groundwater pump connected to clean polyethylene tubing, the viable wells were purged of a minimum of three well volumes through a Granulated Activated Carbon (GAC) Bucket. The flow rate did not exceed 1 liter per minute. During purging the tubing was connected to a Horiba water quality meter flow-through cell, and water quality measurements were recorded every 3-5 minutes, in accordance with NYS Low Flow Sampling protocols, until the turbidity read less than 50 NTUs, and other parameters had stabilized for three consecutive readings. Field logs can be found in **Appendix Q**.

Once the parameters stabilized, the Horiba was disconnected, and groundwater samples were directly placed in laboratory supplied clean glassware, stored on ice, and transported by laboratory courier, under proper chain of custody procedures, to Pace Analytical Services of Westborough MA (and ELAP Certified Laboratory) for analysis of TCL VOCs (8260) and TCL SVOCs (8270). As shown in the table above, two wells (MW-1B and MW-3B) did not contain any groundwater, thus could not be purged, nor samples analyzed.

The table below provides a summary of the compounds which exceed the NYSDEC AWQS:

LOCATION			MW-4B		MW-6B		MW-14		MW-12		MW-2B	
SAMPLING DATE			9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025	
LAB SAMPLE ID			L2559574-01		L2559574-02		L2559574-03		L2559574-04		L2559574-05	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)												
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS												
Bis(2-ethylhexyl)phthalate	5	ug/l	3	U	3	U	3	U	38		3	U
Phenol	1	ug/l	5	U	2.3	J	6.1		5	U	1.3	J
Naphthalene	10	ug/l	0.07	J	31		13		15		3	
Benzo(a)anthracene	0.002	ug/l	0.1	U	0.04	J	0.1	U	0.04	J	0.03	J
Volatile Organics by GC/MS												
Benzene	1	ug/l	1.8		230		0.5	U	5.9		2.6	
Toluene	5	ug/l	2.5		36		2.5	U	8.8		1.4	J
Ethylbenzene	5	ug/l	15		99		2.5	U	21		8.8	
p/m-Xylene	5	ug/l	45		120		2.5	U	65		24	
o-Xylene	5	ug/l	11		27		1.4	J	37		4.8	
n-Butylbenzene	5	ug/l	0.88	J	8.5		2.5	U	5.4	J	2.5	U
sec-Butylbenzene	5	ug/l	0.93	J	11		2.5	U	8.5		2.5	U
Isopropylbenzene	5	ug/l	3.6		73		2.5	U	40		1.4	J
p-Isopropyltoluene	5	ug/l	1.5	J	14		2.5	U	13		2.5	U
Naphthalene	10	ug/l	4.1		56		2.5	U	42		1.6	J
n-Propylbenzene	5	ug/l	4		80		2.5	U	40		1.5	J
1,3,5-Trimethylbenzene	5	ug/l	8		27		2.5	U	68		2.4	J
1,2,4-Trimethylbenzene	5	ug/l	22		120		2.5	U	210		7.4	
1,2,4,5-Tetramethylbenzene	5	ug/l	1.2	J	23		2	U	13		2	U

* Comparison is not performed on parameters with non-numeric criteria.
U = Non Detect
AWQS = NYSDEC Ambient Water Quality Standards
ug/L = micrograms per liter
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Based on a review of the laboratory data, the monitoring wells located south and southeast from the property exhibit the highest concentrations of petroleum related VOCs, however, MW-14, located between MW-12 and MW-6B, was mostly non-detected for the same compounds. Furthermore, when compared to the results of the post 5,000-gallon UST removal ground water sampling, many of the compounds have decreased, some by more than half. See **Table 9**.

IEEG will attempt to perform a second round of post remedial groundwater sampling in the month of October, 2025, to further determine the effectiveness of the remedy.

4.5 IMPORTED BACKFILL

Between December 20, 2022 and July 11, 2025, a total of 818.68 tons of ASTM No. 57 ¾-inch virgin quarry bluestone was imported to the Site from Tilcon Mount Hope Quarry, Mt. Hope, NJ. This material was primarily imported for use as the 6-inch-thick gas permeable layer beneath the first and second floor slab-on-grade portions of the building, and secondarily to backfill the IRM-associated hotspot excavations and the remainder of the former gasoline tank excavation. Per the DER-10, no chemical analysis of this material was required; however, sieve analyses were provided to NYSDEC as part of the Request to Import Material forms dated December 16, 2022, July 20, 2023, and February 19, 2025. In all three cases, NYSDEC approved the use of this material as backfill.

A table listing all sources of imported backfill and corresponding quantities is provided in **Table 10.** Facility documentation, including sieve analysis results , is provided in **Appendix O**. A figure showing the locations where backfill was placed on the Site is shown in **Plate 15**.

4.6 CONTAMINATION REMAINING AT THE SITE

4.6.1 Post IRM Sample Results and Remaining Contamination

Soil and groundwater sampling was performed under three (3) NYSDEC-approved IRM Work Plans:

1) Remedial Investigation/Interim Remedial Measures Work Plan, IEEG, June 20, 2021.
    a. Three (3) bottom and sidewall confirmatory endpoint samples collected following the removal of a 5,000-gallon former fuel oil UST.
    b. Four (4) groundwater samples collected from pre-existing MWs following the UST removal.

No VOCs or SVOCs were detected above CP-51 or RRSCO standards in post-tank-removal endpoint and sidewall soil samples. Several VOCs and SVOCs were detected above NYSDEC AWQS in post-tank-removal groundwater samples.

2) Interim Remedial Measures Work Plan Addendum, IEEG, October 28, 2022.
    a. Four (4) bottom confirmatory endpoint samples collected following the removal of four (4) former hydraulic lift pistons.
    b. Two (2) confirmatory groundwater samples collected from standing groundwater within the hydraulic lift excavation.
    c. One (1) confirmatory sidewall sample collected following the excavation of hot spot HS-1.
    d. Four (4) confirmatory sidewall samples collected following the excavation of hot spot HS-3.
    e. Three (3) confirmatory sidewall samples collected following the initial excavation of hot spot HS-10a, and a further two (2) confirmatory sidewall samples following the additional excavation of hot spot HS-10a.
    f. Collection of two (2) additional Remedial Investigation samples, as directed by NYSDEC, SB-21 and SB-22.
    g. Collection of two (2) samples from a suspected trench drain located within the partial basement.
    h. Collection of one (1) sidewall sample from the second-floor northern exposed soils.

No VOCs, SVOCs, or PCBs were detected above CP-51 or RRSCO standards in the post-lift-removal endpoint soil or standing-groundwater samples. Based on endpoint samples collected from metals-impacted hot spots excavated under the original IRM (see June 2025 IRM CCR), elevated metals were reported above proposed RRSCOs at HS-10a, including barium and lead in the northern sidewall sample. Due to the presence of a retaining wall and shallow bedrock, further excavation to the north was not feasible. On April 18, 2023, the NYSDEC Project Manager (Mr. Hubicki) confirmed via phone that no additional remedial excavation was warranted at HS-10a. No metals exceeded RRSCOs in SB-21 or SB-22. No VOCs, SVOCs, metals, PCBs, or pesticides exceeded RRSCOs in the trench-drain samples or in SB-23 (second-floor northern soils).

3) Interim Remedial Measures Work Plan Addendum #2, IEEG, February 4, 2025.
    a. Collection of five (5) individual grab samples and two (2) five-point composite samples from the remaining soils on the first and second floor proposed for removal.

No VOCs, SVOCs, metals, PCBs, or pesticides were detected above RRSCO standards in the soil verification samples.

4.6.2 Post Tank Removal Sample Results and Remaining Contamination

Additional soil and groundwater sampling was performed under one (1) Petroleum Bulk Storage Tank Removal/In-Situ Remediation Work Plan:

1) Petroleum Bulk Storage Tank Removal / In-Situ Remediation Work Plan, IEEG, June 3, 2025.
    a. One (1) sample collected from standing groundwater within the former gasoline tank excavation.
    b. One (1) bottom and four (4) sidewall confirmatory end point samples collected following the removal of the four (4) 550-gallon gasoline USTs.

Based on a review of the laboratory analysis, multiple petroleum related VOCs and SVOCs were detected above RRSCO standards in the endpoint samples, and above AWQS in the standing groundwater sample. This elevated contamination is contained to the southeast corner of the building, in the area of the former gasoline tanks.

4.6.3 Post Remedial Action Sample Results and Remaining Contamination

Concluding soil and groundwater sampling was performed under the NYSDEC Approved Remedial Action Work Plan:

1) Remedial Action Work Plan, IEEG, July 2023 (Revised April 7, 2025).
    a. Two (2) confirmatory soil endpoint samples collected from the area of the former ramp to confirm achievement of the proposed RRSCOs.
    b. Collection of two rounds (one in September 2025, and one in November 2025) of post-remedial groundwater data from the three (3) pre-existing and five (5) newly installed permanent monitoring wells.

Based on the post remedial endpoint samples, designated EP-1-Ramp and EP-2-Ramp, no VOCs, SVOCs, metals, or PCBs were detected at concentrations above their respective UUSCOs. One pesticide, 4,4'-DDT, was found at a concentration (3.6 ug/kg) marginally above the UUSCO (3.3 ug/kg), but below the RRSCOs for the project. Based on the results of the post remedial groundwater sampling several petroleum related VOCs remain in groundwater beneath the building, but at moderate concentrations above their respective NYSDEC AWQS, but which appear to be decreasing since the application of the ORC Advanced remedial product. An additional sampling event is proposed for October 2025.

4.6.4 Demarcation Layer

The demarcation layer employed at the site is the vapor barrier and composite cover/cap system, which encompasses the entire footprint of the building. Based on the data collected during the above IRMs and Work Plans, minor exceedances of UUSCOs are present directly below the demarcation layer across the Site in the form of primarily heavy metals. Directly below the demarcation layer in the southeast portion of the site remains elevated concentrations of petroleum related VOCs and SVOCs above RRSCOs, which have been excavated to the extent practicable, and have been subsequently treated with an in-situ remedial product (Regenesis ORC Advanced) and capped. Based on the results of the post remedial groundwater sampling it appears that VOC concentrations in groundwater have decreased since the prior sampling event in 2023.

Tables 6 and 7 and **Plates 10 and 11** summarize the results of all soil samples remaining at the site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs.

Plate 16 summarizes the results of all soil samples remaining at the site after completion of the remedial action that exceed the SCOs for unrestricted use of the site.

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

4.7 SOIL COVER / CAP SYSTEM

Exposure to remaining contamination in soil/fill at the site is prevented by a cover and cap system placed across the Site. This cover system consists of a minimum of 6 inch layer of ASTM No. 57 compliant ¾-inch virgin quarry bluestone, and 6- to 12-inch concrete building slabs. **Plate 17** shows the as-built cross sections for each remedial cover type used on the Site. **Plate 18** shows the location of each cover type built at the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix A of the SMP.

4.8 OTHER ENGINEERING CONTROLS

Since remaining contaminated soil and groundwater exists beneath the site, Engineering Controls (EC) are required to protect human health and the environment. The site has the following primary Engineering Controls, as described in the following subsections.

4.8.1 Active Sub-Slab Depressurization System

As a preemptive measure, an active Sub-Slab Depressurization System (SSDS) was installed as part of construction activities. The SSDS activation/use will be determined by the results of a post-construction/post-remedy soil vapor intrusion study, to be conducted during the NYSDOH determined “heating season”.

The SSDS consists of five (5) suction pit venting zones (VP-1 through VP-5) beneath the approximately 38,000 square foot building footprint. The system includes vertical vapor extraction/collection pits within a continuous gravel envelope placed beneath the foundation slab

across the building footprint. Extraction points are connected to transitional header piping on the first floor extending to two (2) risers which will be installed to the second-floor perimeter roof. The gravel envelope surrounding each extraction point was backfilled with clean, virgin mined ¾ inch bluestone from Tilcon Mount Hope Quarry, NJ, to grade beneath the vapor barrier which acts as a gas permeable layer. Risers extend to the second-floor perimeter roof through designated chase ways and extends approximately 3 feet above the roof line. See **Plate 19** for a layout of the SSDS.

Prior to activation, IEEG performed a startup/shakedown test of the SSDS to ensure adequate flow rates and radius of influence (ROI). The final blower sizing and operating specification were based on vacuum measurements collected from permanent monitoring points installed through the foundation slab. (**INSERT TEST SCOPE and RESULTS**). **Table 11.**

The active SSDS was confirmed to achieve a pressure differential of at least 0.02 inches of water column, providing an adequate safety factor for long-term and seasonal variation. The system consists of in-line, radon-style low flow fans fitted to the risers penetrating the roof line which are hardwired to the building's electrical system to prevent accidental shut off and maintain continuous operation. Durable pressure monitoring devices and alarms (e.g., on/off indicators and pressure gauges) are installed in readily visible, frequently trafficked locations and will be monitored regularly. The low-flow fans are capable of moving up to 272 cubic feet per minute (cfm) of air. Appendix R provides the P.E.-certified as-built suction-pit SSDS layout and design details.

Air samples were collected from each fan effluent after approximately 30-60 days of operation (after steady state conditions were attained) and submitted for laboratory analysis for VOCs by USEPA Method TO-15 to evaluate sub-slab removal rates and to verify air emissions are below *de minimis* thresholds. The results of the effluent sampling showed **TBC. Table 12.**

The locations of the vertical suction pit venting zones, vacuum monitoring points, and ROI test results are shown on **Plate 19**.

Procedures for monitoring, operating, and maintaining the active SSDS are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.9 INSTITUTIONAL CONTROLS

The Site remedy requires that an Environmental Easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to Restricted Residential uses only.

The environmental easement for the Site was executed by the Department on April 1, 2024, and recorded with the Westchester County Clerk on April 30, 2024. The County Recording Identifier is 631933465. A copy of the easement and proof of filing are provided in **Appendix B**.

4.10 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

Deviation #1

The April 2025 RAWP, approved by NYSDEC on April 15, 2025, stated that the "*installation of an SSDS was not required by NYSDOH based upon currently available soil vapor analysis data. This currently non-remedial EC will only be inspected on an annual basis if the post-remedy SVI Study determines the need for an active SSDS and subsequent Site Management Plan (SMP)".*

Following elevated soil impacts observed during removal of the gasoline tanks and the identification of residual gasoline-related soil and groundwater contamination beneath the Site building, the NYSDEC and NYSDOH directed that an active SSDS must be incorporated as an EC in this FER. Accordingly, the SSDS was installed as an active system regardless of the post-remedy SVI study results and will be memorialized in the SMP.

This deviation is protective of human health and the environment by actively mitigating soil vapor intrusion into the new building.

Deviation #2

The RAWP did not require additional confirmatory sampling because remedial excavations and associated endpoint sample had already been completed under the NYSDEC-approved IRM and Tank Removal Work Plans. However, during RAWP implementation, four (4) previously unknown 550-gallon former gasoline tanks were uncovered in the ramp area, along with evidence of gross contamination. In response, NYSDEC requested two (2) confirmatory endpoint samples from the base of construction-related excavations in the former gasoline tank area (ramp), to ensure no gross contamination remained.

Samples EP-1-Ramp and EP-2-Ramp were analyzed for Full Part 375 VOCs, SVOCs, Metals, PCBs, and Pesticides. Aside from 4,4'-DDT, no analytes were detected at concentrations above their respective RR SCOs. This deviation is protective of public health and the environmental by confirming the removal of contaminated materials from the Site.

PLATES

46-70 McLean Avenue Auto Repair Laundry

Final Engineering Report

NYSDEC BCP #C360211

IMPACT ENVIRONMENTAL
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Bohemia, New York 11716
TEL: (631) 268-8800
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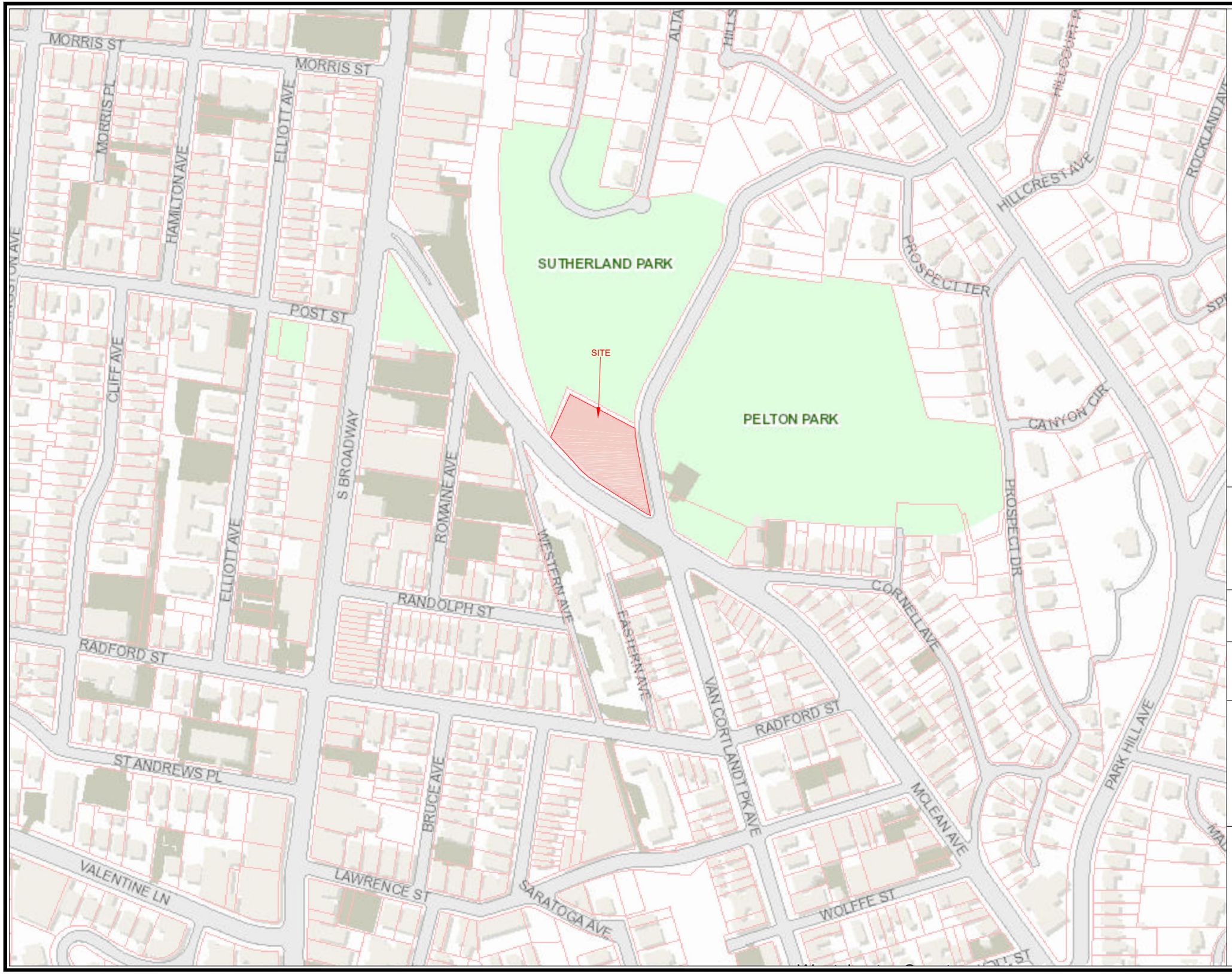

NOTES:

Base Map Source: Westchester GIS Mapper

SITE LOCATION MAP

60 McLean Avenue
Yonkers, New York

Plate No: 01

PROJECT NO.	15514-01
DESIGNED BY:	LR
DRAWN BY:	LR
CHECKED BY:	CC
DATE:	12/14/2020
SCALE:	N.T.S
REVISIONS	

PROJECT NORTH

IMPACT ENVIRONMENTAL ENGINEERING & GEOLOGY

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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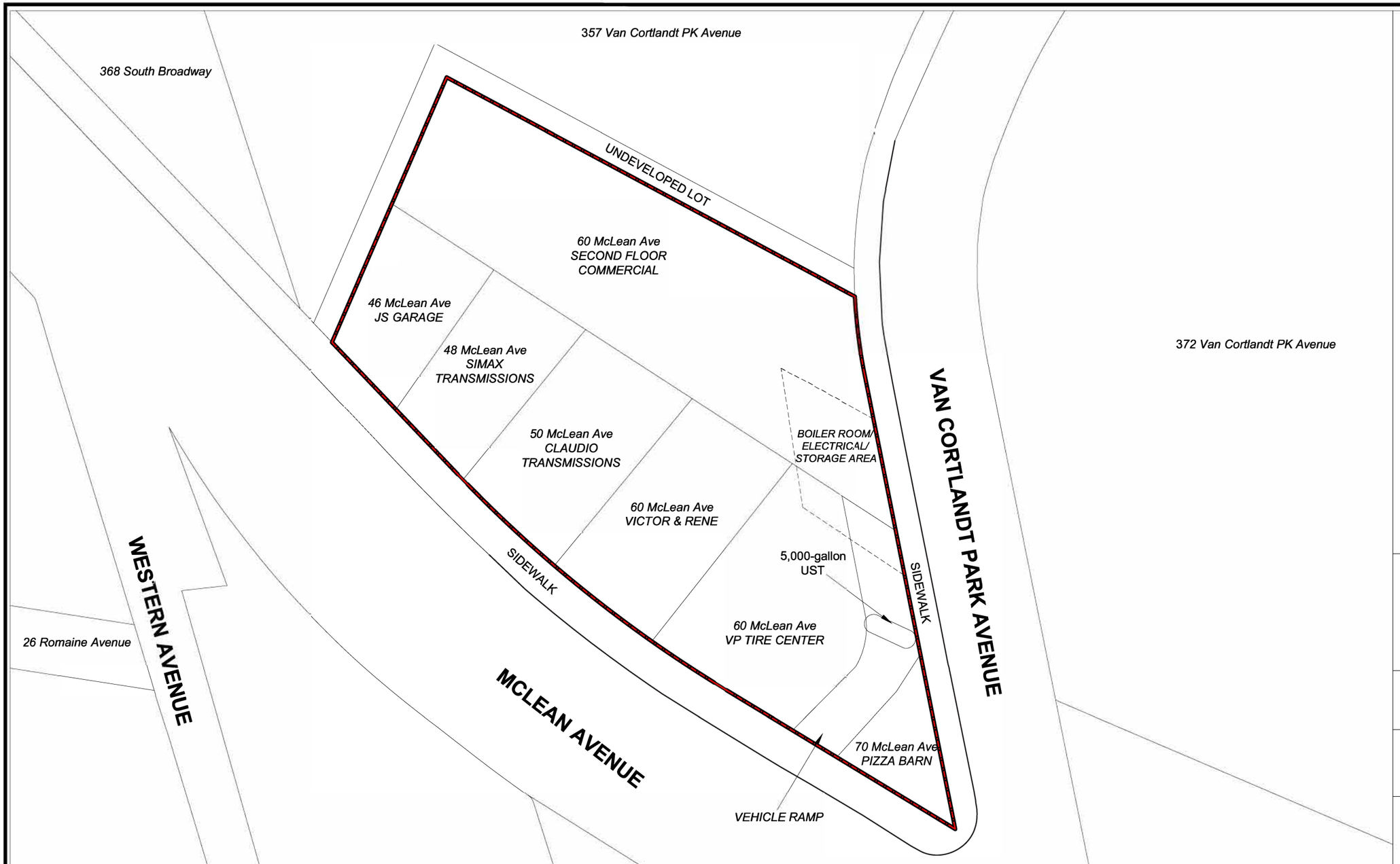

LEGEND

PROPERTY LINE

PROJECT NORTH

0' 10' 20' 50'

NOTES:

SITE BOUNDARY MAP

60 McLean Avenue
Yonkers, New York

Plate No: 02

PROJECT NO.	15514-01
DESIGNED BY:	LR
DRAWN BY:	LR
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DATE:	12/11/2020
SCALE:	SEE ABOVE

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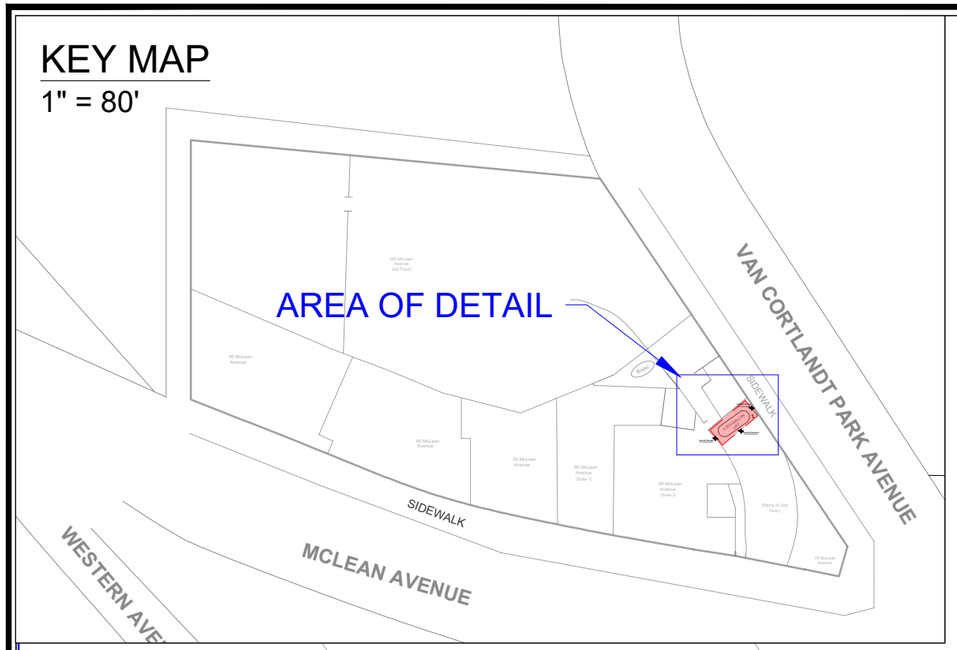
KEY MAP
1" = 80'



LEGEND:

- UST EXCAVATION ENDPOINT SAMPLE
- UST EXCAVATION

NOTES:

UST ENDPOINT SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

PLATE 09

PROJECT NO.	15514-01
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DATE:	07/25/2023
SCALE:	AS SHOWN

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IMPACT ENVIRONMENTAL CLOSURES, INC.

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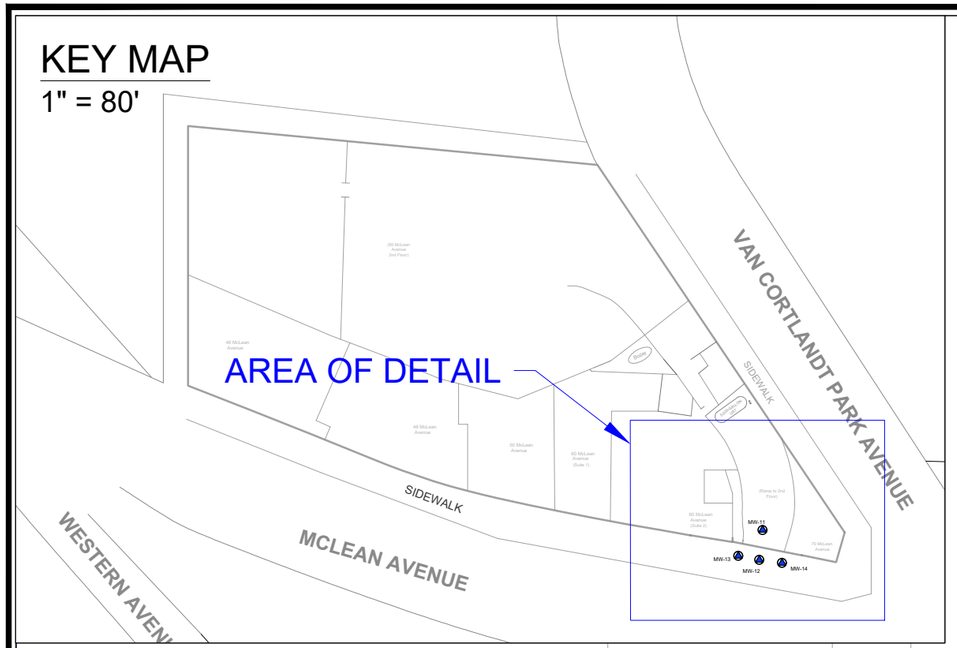
KEY MAP

1" = 80'



Client Id	TOGS 1.1.1	WP-11
Collection Date	WQ/GA Table 1	12/20/2022
Semivolatiles (ug/L)		
Benz(a)anthracene	**0.002**	**0.02**
Benzo(b)fluoranthene	**0.002**	**0.02**
Chrysene	**0.002**	**0.02**
Bis(2-ethylhexyl)phthalate	**5**	**28**
Naphthalene	**10**	**34**
Volatiles (ug/L)		
1,2,4-Trimethylbenzene	**5**	**98**
1,3,5-Trimethylbenzene	**5**	**37**
Ethylbenzene	**5**	**21**
Isopropylbenzene	**5**	**12**
n-Propylbenzene	**5**	**16**
Naphthalene	**10**	**24**
o-Xylene	**5**	**31**
p-Isopropyltoluene	**5**	**5.7**
Total Xylenes	**5**	**112**
TOTAL BTEX		**245**
TOTAL VOCs		**457.72**

Client Id	TOGS 1.1.1	WP-13
Collection Date	WQ/GA Table 1	12/20/2022
Semivolatiles (ug/L)		
Bis(2-ethylhexyl)phthalate	**5**	**35**
Volatiles (ug/L)		
NO EXCEEDANCES		
TOTAL BTEX		**3.62**
TOTAL VOCs		**14.55**

Client Id	TOGS 1.1.1	WP-14
Collection Date	WQ/GA Table 1	12/20/2022
Semivolatiles (ug/L)		
NO EXCEEDANCES		
Volatiles (ug/L)		
1,2,4-Trimethylbenzene	**5**	**9.8**
Total Xylenes	**5**	**9.9**
TOTAL BTEX		**11.29**
TOTAL VOCs		**43.34**

Client Id	TOGS 1.1.1	WP-12
Collection Date	WQ/GA Table 1	12/20/2022
Semivolatiles (ug/L)		
Bis(2-ethylhexyl)phthalate	**5**	**12**
Volatiles (ug/L)		
1,2,4-Trimethylbenzene	**5**	**270**
1,3,5-Trimethylbenzene	**5**	**110**
Benzene	**1**	**2.2**
Ethylbenzene	**5**	**28**
Isopropylbenzene	**5**	**42**
n-Butylbenzene	**5**	**12**
n-Propylbenzene	**5**	**52**
Naphthalene	**10**	**38**
o-Xylene	**5**	**33**
p-Isopropyltoluene	**5**	**20**
sec-Butylbenzene	**5**	**13**
Total Xylenes	**5**	**173**
TOTAL BTEX		**376.2**
TOTAL VOCs		**970.5**

LEGEND:

GROUNDWATER MONITORING WELL

NOTES:

GROUNDWATER MONITORING WELL LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 4

PROJECT NO.	15514-01
DESIGNED BY:	AK
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CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN

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IMPACT ENVIRONMENTAL CLOSURES, INC.

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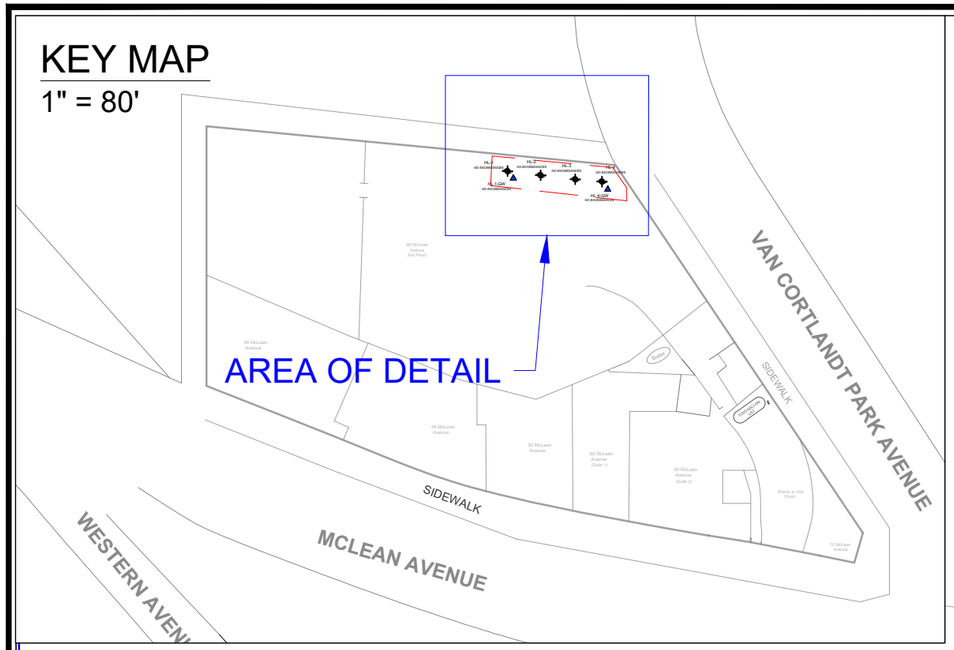
KEY MAP
1" = 80'



N

HL-1
NO EXCEEDANCES

HL-2
NO EXCEEDANCES

HL-3
NO EXCEEDANCES

HL-4
NO EXCEEDANCES

HL 1-GW
NO EXCEEDANCES

HL 4-GW
NO EXCEEDANCES

0 8' 16'

LEGEND:

PERCHED WATER SAMPLE

HYDRAULIC LIFT ENDPOINT SAMPLE

NOTES:

HYDRAULIC LIFT ENDPOINT AND PERCHED WATER SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 5

PROJECT NO.	15514-01
DESIGNED BY:	AK
DRAWN BY:	AB
CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN

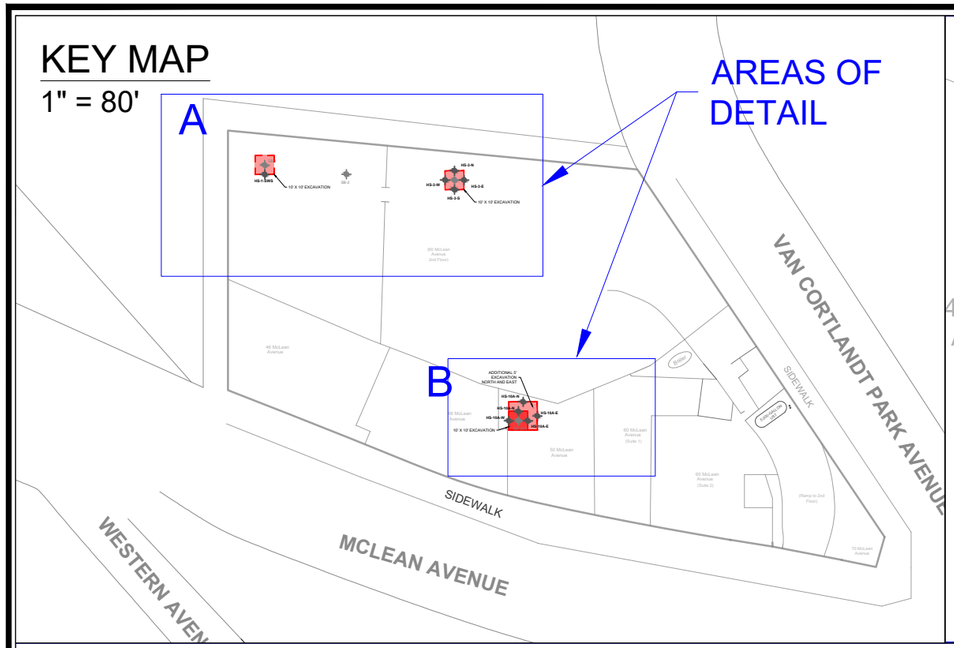
REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

KEY MAP

1" = 80'



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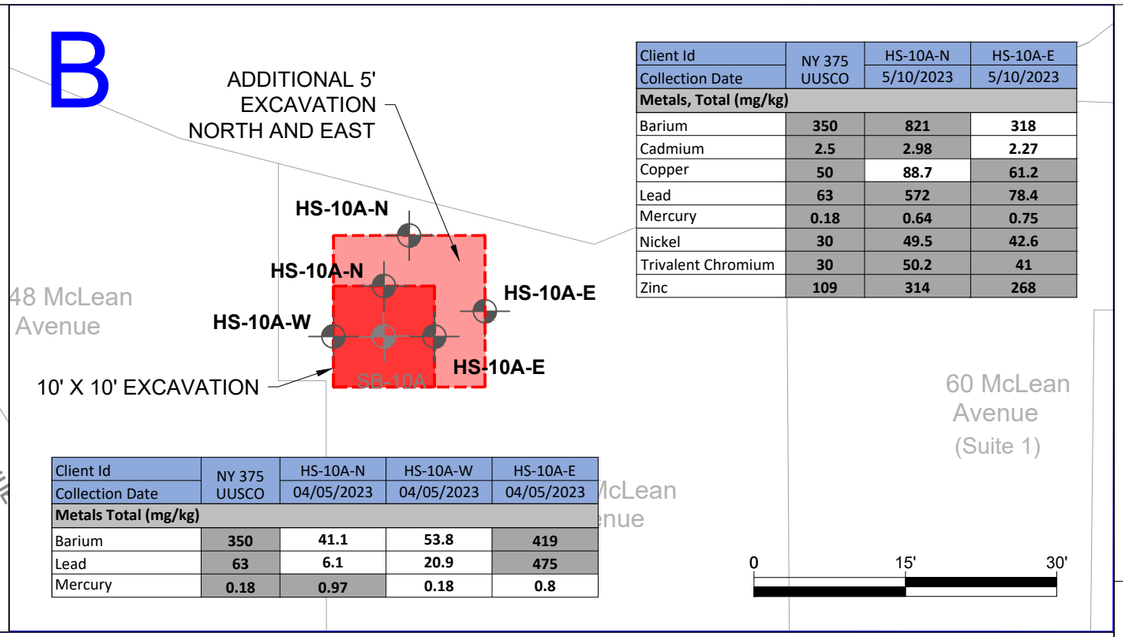
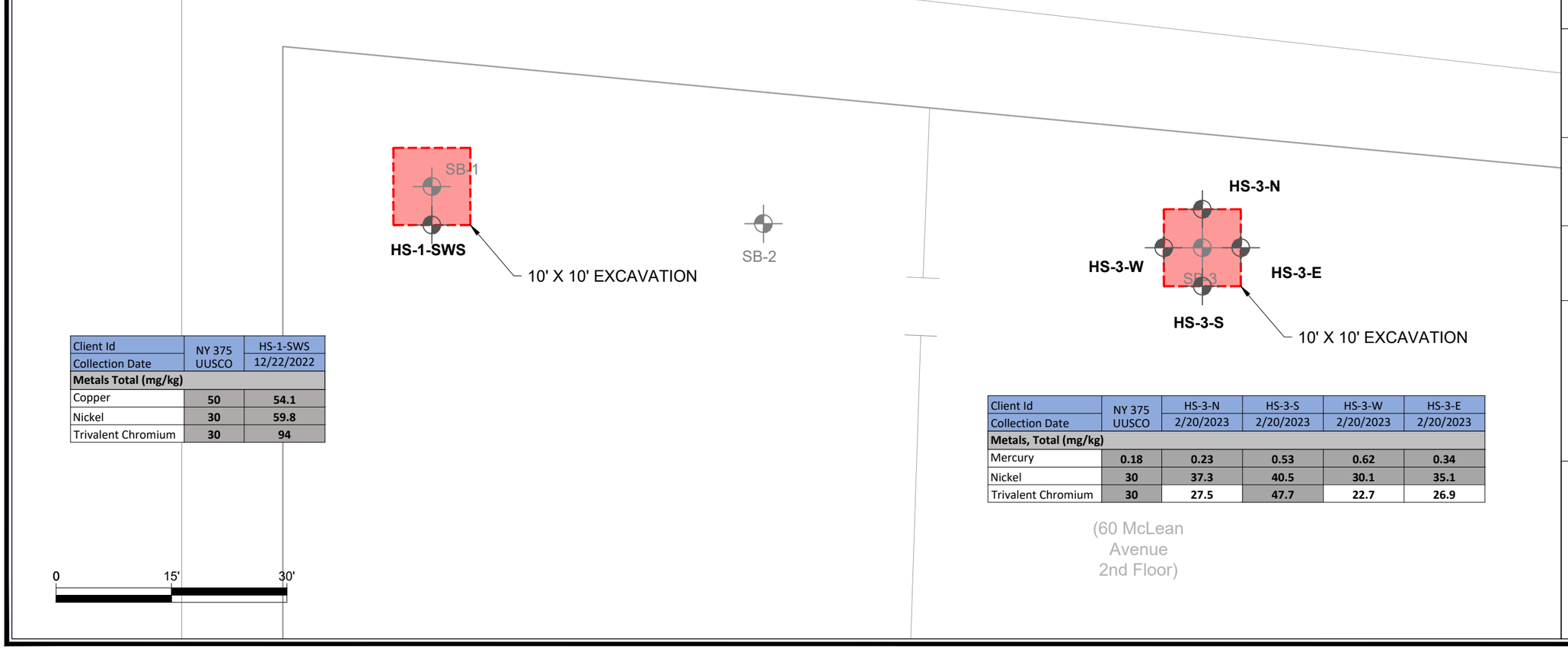


Client Id	NY 375 UUSCO	HS-10A-N	HS-10A-W	HS-10A-E
Collection Date		04/05/2023	04/05/2023	04/05/2023
Metals Total (mg/kg)				
Barium	**350**	**41.1**	**53.8**	**419**
Lead	**63**	**6.1**	**20.9**	**475**
Mercury	**0.18**	**0.97**	**0.18**	**0.8**

Client Id	NY 375 UUSCO	HS-10A-N	HS-10A-E
Collection Date		5/10/2023	5/10/2023
Metals, Total (mg/kg)			
Barium	**350**	**821**	**318**
Cadmium	**2.5**	**2.98**	**2.27**
Copper	**50**	**88.7**	**61.2**
Lead	**63**	**572**	**78.4**
Mercury	**0.18**	**0.64**	**0.75**
Nickel	**30**	**49.5**	**42.6**
Trivalent Chromium	**30**	**50.2**	**41**
Zinc	**109**	**314**	**268**

A



Client Id	NY 375 UUSCO	HS-1-SWS
Collection Date		12/22/2022
Metals Total (mg/kg)		
Copper	**50**	**54.1**
Nickel	**30**	**59.8**
Trivalent Chromium	**30**	**94**

Client Id	NY 375 UUSCO	HS-3-N	HS-3-S	HS-3-W	HS-3-E
Collection Date		2/20/2023	2/20/2023	2/20/2023	2/20/2023
Metals, Total (mg/kg)					
Mercury	**0.18**	**0.23**	**0.53**	**0.62**	**0.34**
Nickel	**30**	**37.3**	**40.5**	**30.1**	**35.1**
Trivalent Chromium	**30**	**27.5**	**47.7**	**22.7**	**26.9**

N

LEGEND:

HOTSPOT ENDPOINT SAMPLE

NOTES:

HOTSPOT SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 6

PROJECT NO.	15514-01
DESIGNED BY:	AK
DRAWN BY:	AB
CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN

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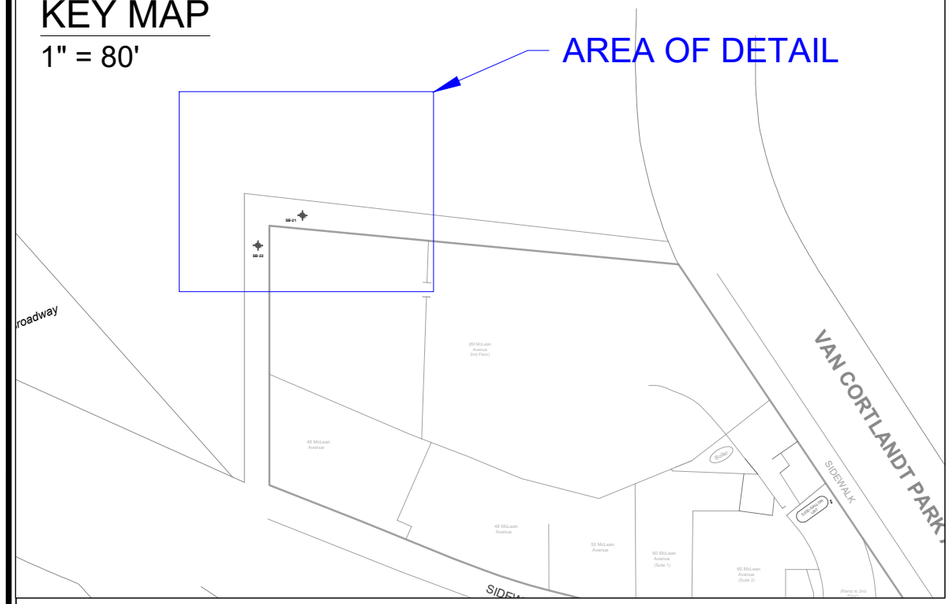
KEY MAP

1" = 80'



N

Client Id	NY 375 UUSCO	SB-21
Collection Date		12/09/2022
Metals Total (mg/kg)		
Lead	**63**	**172**
Mercury	**0.18**	**0.19**
Zinc	**109**	**112**

SB-21

SB-22

Client Id	NY 375 UUSCO	SB-22
Collection Date		12/09/2022
Metals Total (mg/kg)		
Lead	**63**	**65.1**

0 10' 20'

LEGEND:

EXTERIOR REMEDIAL INVESTIGATION SAMPLE LOCATION

NOTES:

EXTERIROR RI SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 7

PROJECT NO.	15514-01
DESIGNED BY:	AK
DRAWN BY:	AB
CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN
REVISIONS	

IMPACT ENVIRONMENTAL CLOSURES, INC.

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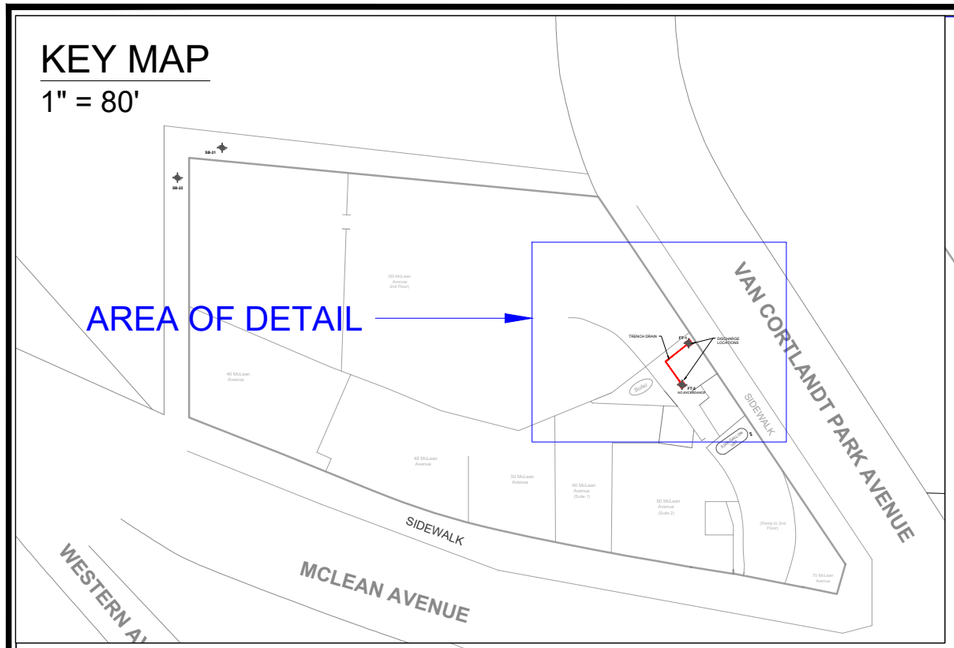
KEY MAP

1" = 80'



Client Id	NY 375 UUSCO	FT-1
Collection Date		5/10/2023
Metals, Total (mg/kg)		
Copper	**50**	**50.8**
Zinc	**109**	**238**

N

LEGEND:

TRENCH DRAIN SAMPLE LOCATION

NOTES:

TRENCH DRAIN SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 8

PROJECT NO.	15514-01
DESIGNED BY:	AK
DRAWN BY:	AB
CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN

REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

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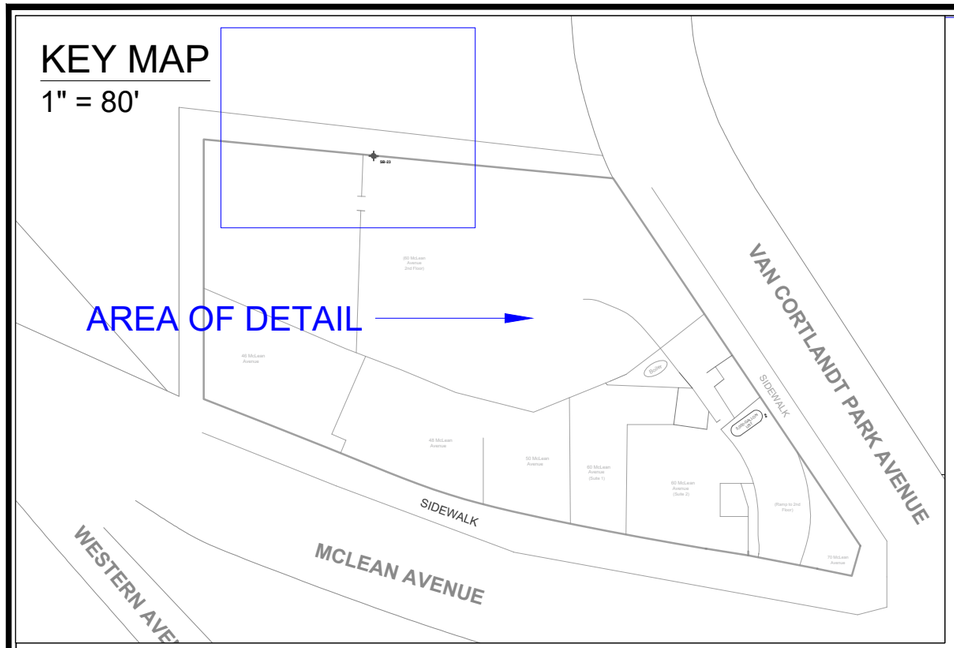
KEY MAP
1" = 80'



N

Client Id	NY 375 UUSCO	SB-23
Collection Date		**5/10/2023**
Metals, Total (mg/kg)		
Lead	**63**	**69.3**
Trivalent Chromium	**30**	**33.4**
Pesticides (ug/kg)		
4,4' -DDD	**3.3**	**150**
4,4' -DDE	**3.3**	**990**
4,4' -DDT	**3.3**	**2,500**
a-Chlordane	**94**	**1,200**

SB-23

0 8' 16'

LEGEND:

SAMPLE LOCATION

NOTES:

SECOND FLOOR NORTHERN WALL SAMPLE LOCATION MAP

40-70 McLean Avenue
Yonkers, New York
BCP #360211

FIGURE 9

PROJECT NO.	15514-01
DESIGNED BY:	AK
DRAWN BY:	AB
CHECKED BY:	CC
DATE:	07/25/2023
SCALE:	AS SHOWN

REVISIONS

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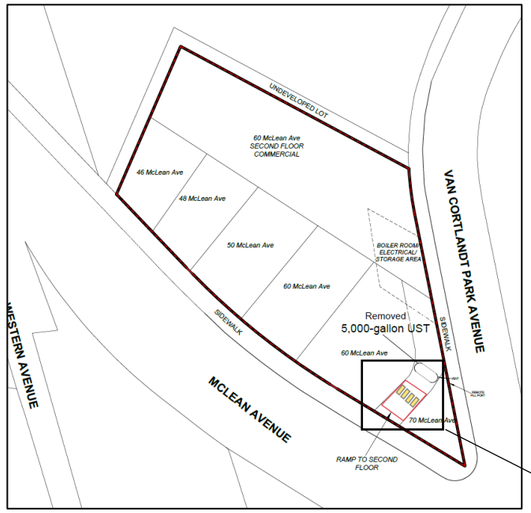
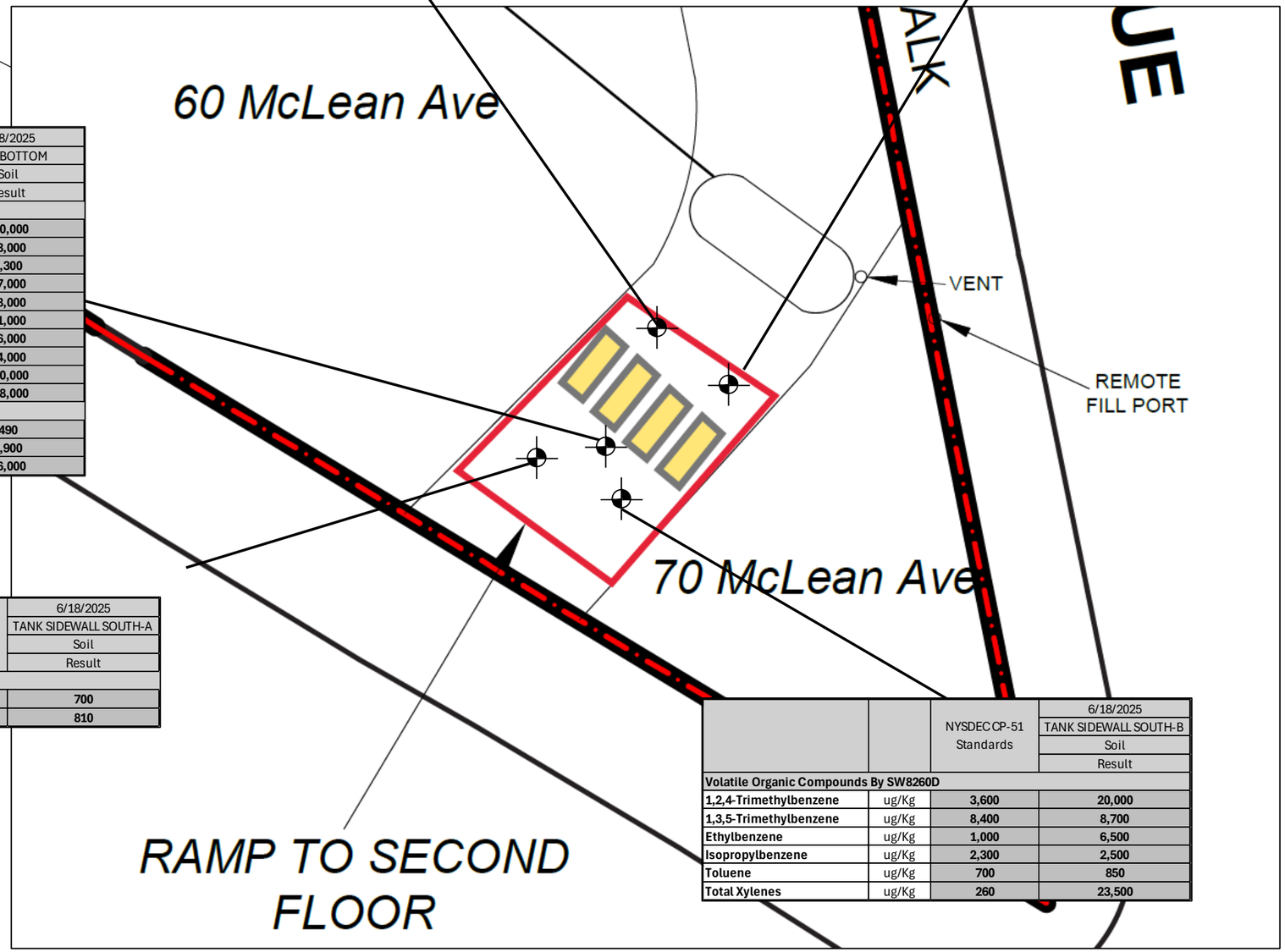


		NYSDEC CP-51 Standards	6/18/2025 TANK SIDEWALL NORTH-A Soil Result
Volatile Organic Compounds By SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3,600**	**11,000**
Benzene	ug/Kg	**60**	**4,600**
Ethylbenzene	ug/Kg	**1,000**	**8,900**
Toluene	ug/Kg	**700**	**16,000**
Total Xylenes	ug/Kg	**260**	**28,000**

		NYSDEC CP-51 Standards	6/18/2025 TANK SIDEWALL NORTH-B Soil Result
Volatile Organic Compounds By SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3,600**	**19,000**
Ethylbenzene	ug/Kg	**1,000**	**3,600**
Total Xylenes	ug/Kg	**260**	**12,100**

		NYSDEC CP-51 Standards	6/18/2025 TANK BOTTOM Soil Result
Volatile Organic Compounds By SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3,600**	**130,000**
1,3,5-Trimethylbenzene	ug/Kg	**8,400**	**53,000**
Benzene	ug/Kg	**60**	**9,300**
Ethylbenzene	ug/Kg	**1,000**	**77,000**
Isopropylbenzene	ug/Kg	**2,300**	**18,000**
Naphthalene	ug/Kg	**12,000**	**31,000**
n-Propylbenzene	ug/Kg	**3,900**	**26,000**
p-Isopropyltoluene	ug/Kg	**10,000**	**14,000**
Toluene	ug/Kg	**700**	**110,000**
Total Xylenes	ug/Kg	**260**	**298,000**
Semivolatiles By SW8270E			
Dibenz(a,h)anthracene	ug/Kg	**330**	**490**
Indeno(1,2,3-cd)pyrene	ug/Kg	**500**	**1,900**
Naphthalene	ug/Kg	**12,000**	**16,000**



		NYSDEC CP-51 Standards	6/18/2025 TANK SIDEWALL SOUTH-A Soil Result
Volatile Organic Compounds By SW8260D			
Benzene	ug/Kg	**60**	**700**
Total Xylenes	ug/Kg	**260**	**810**

		NYSDEC CP-51 Standards	6/18/2025 TANK SIDEWALL SOUTH-B Soil Result
Volatile Organic Compounds By SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3,600**	**20,000**
1,3,5-Trimethylbenzene	ug/Kg	**8,400**	**8,700**
Ethylbenzene	ug/Kg	**1,000**	**6,500**
Isopropylbenzene	ug/Kg	**2,300**	**2,500**
Toluene	ug/Kg	**700**	**850**
Total Xylenes	ug/Kg	**260**	**23,500**

Legend

UST EXCAVATION ENDPOINT SAMPLE

UST EXCAVATION

REMOVED 550-GALLON USTS

POST GASOLINE UST REMOVAL ENDPOINT SAMPLE ANALYTICAL MAP

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 10

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

Not To Scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

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BOHEMIA, NEW YORK 11716
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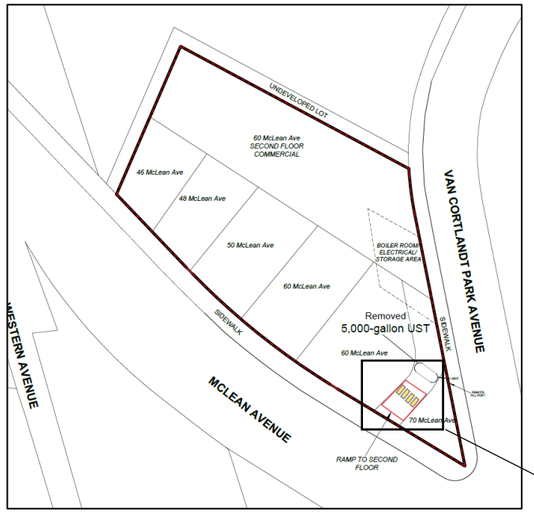
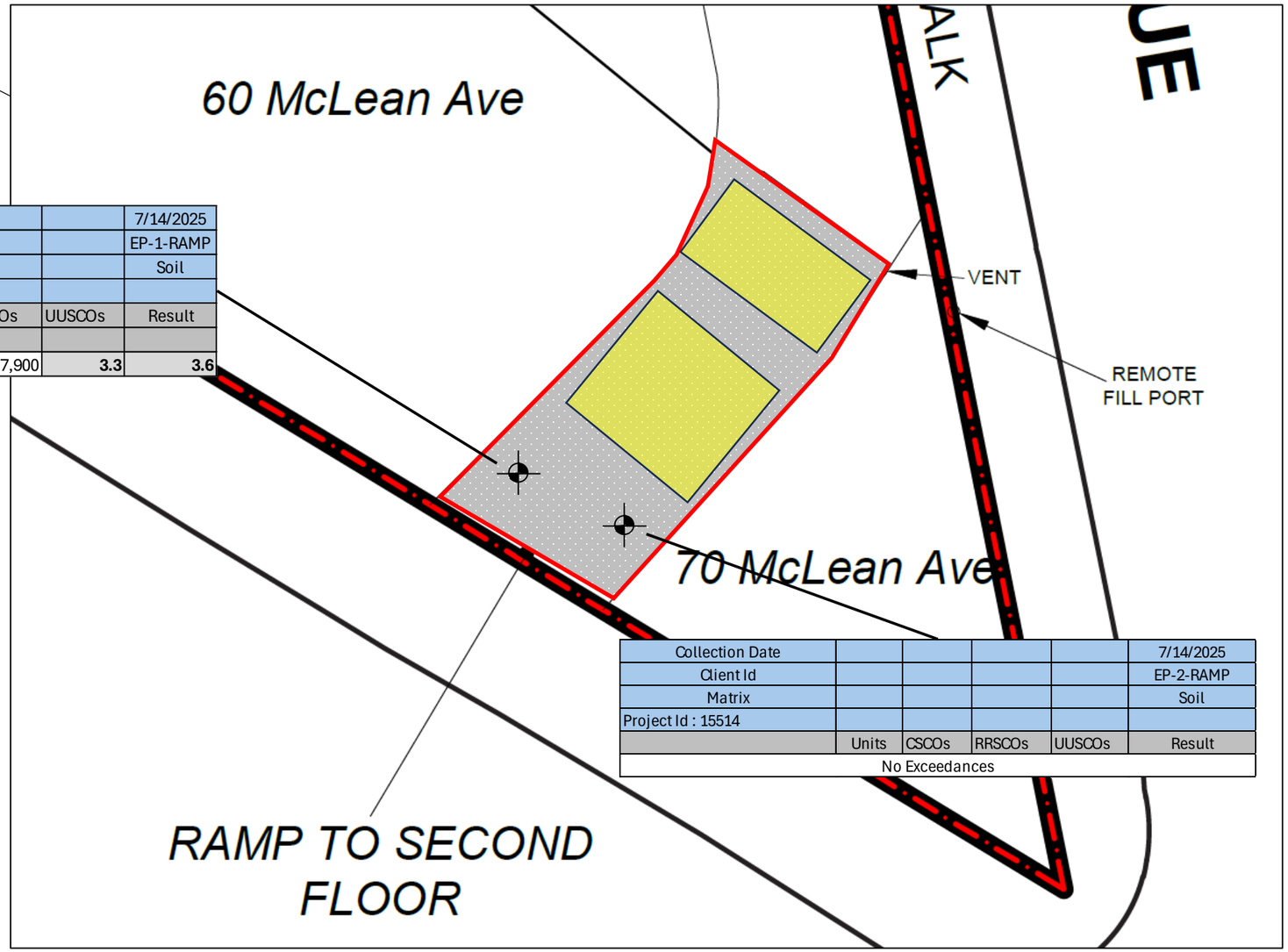
FAX (631) 269-1599





Collection Date					7/14/2025
Client Id					EP-1-RAMP
Matrix					Soil
Project Id : 15514					
	Units	CSCOs	RRSCOs	UUSCOs	Result
Pesticides - Soil By SW8081B					
4,4' -DDT	ug/Kg	47,000	7,900	**3.3**	**3.6**

Collection Date					7/14/2025
Client Id					EP-2-RAMP
Matrix					Soil
Project Id : 15514					
	Units	CSCOs	RRSCOs	UUSCOs	Result
No Exceedances					

Legend

- POST EXCAVATION ENDPOINT SAMPLE
- FINAL RAMP EXCAVATION
- FORMER 550 AND 5,000-GALLON UST EXCAVATION LOCATIONS (EP SAMPLED)

POST RAMP EXCAVATION ENDPOINT SAMPLE ANALYTICAL MAP

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 11

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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BOHEMIA, NEW YORK 11716
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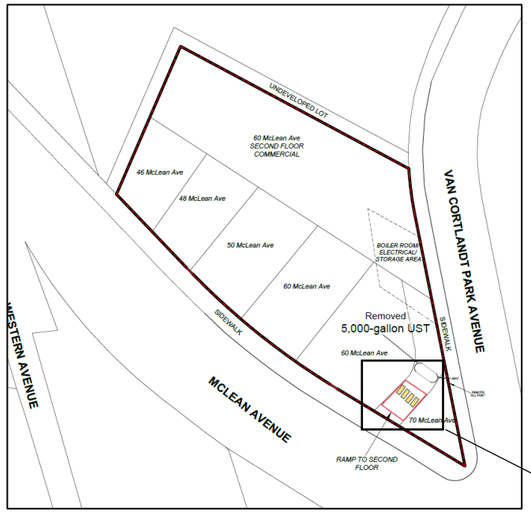

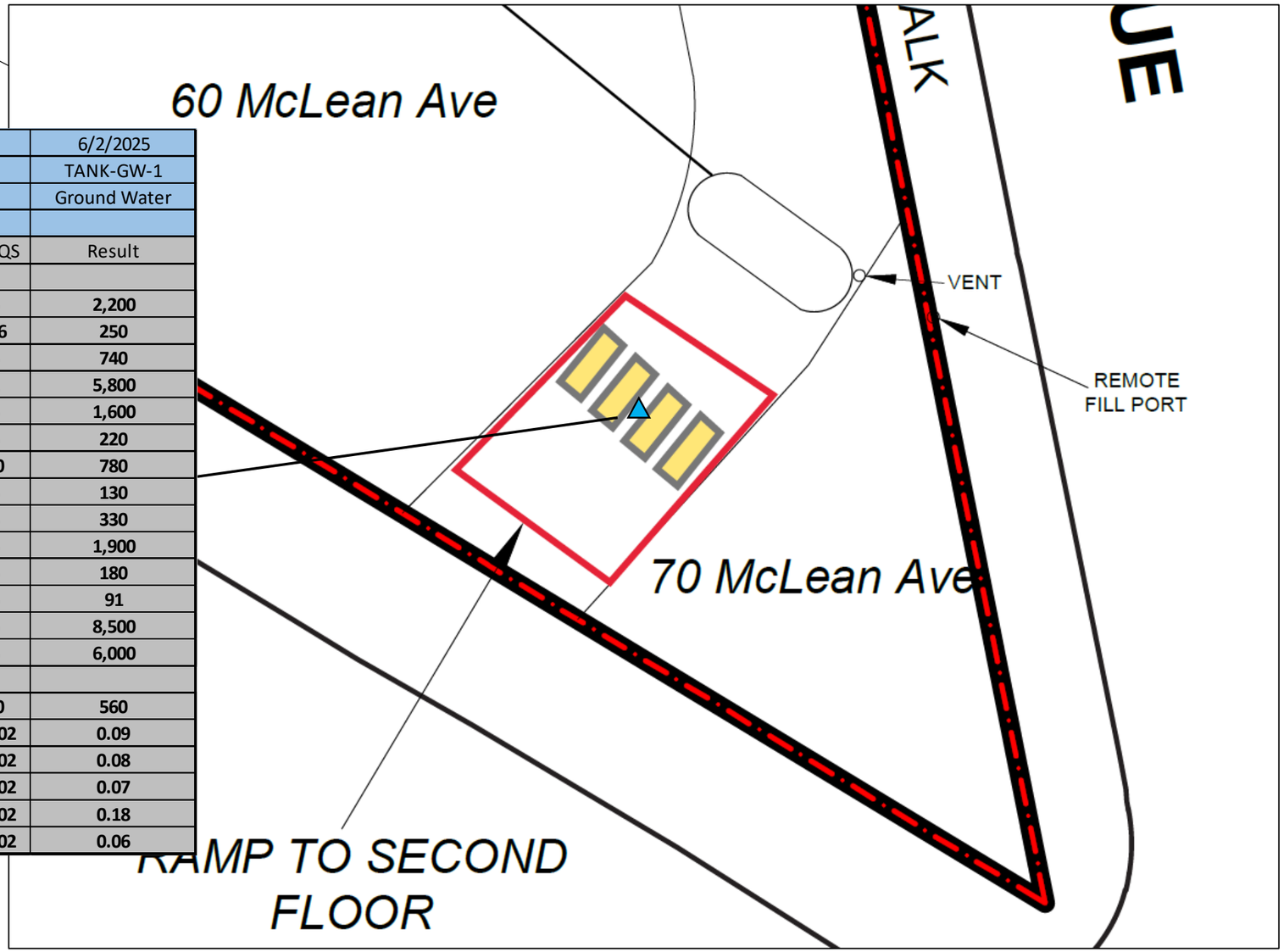

Collection Date			6/2/2025
Client Id			TANK-GW-1
Matrix			Ground Water
Project Id : 60 MCLEAN AVE YONKERS			
	Units	AWQS	Result
Volatiles By SW8260D			
1,2,4-Trimethylbenzene	ug/L	**5**	**2,200**
1,2-Dichloroethane	ug/L	**0.6**	**250**
1,3,5-Trimethylbenzene	ug/L	**5**	**740**
Benzene	ug/L	**1**	**5,800**
Ethylbenzene	ug/L	**5**	**1,600**
Isopropylbenzene	ug/L	**5**	**220**
Naphthalene	ug/L	**10**	**780**
n-Butylbenzene	ug/L	**5**	**130**
n-Propylbenzene	ug/L	**5**	**330**
o-Xylene	ug/L	**5**	**1,900**
p-Isopropyltoluene	ug/L	**5**	**180**
sec-Butylbenzene	ug/L	**5**	**91**
Toluene	ug/L	**5**	**8,500**
Total Xylenes	ug/L	**5**	**6,000**
Semivolatiles By SW8270E			
Naphthalene	ug/L	**10**	**560**
Benz(a)anthracene	ug/L	**0.002**	**0.09**
Benzo(b)fluoranthene	ug/L	**0.002**	**0.08**
Benzo(k)fluoranthene	ug/L	**0.002**	**0.07**
Chrysene	ug/L	**0.002**	**0.18**
Indeno(1,2,3-cd)pyrene	ug/L	**0.002**	**0.06**

Legend

- UST EXCAVATION STANDING GROUNDWATER SAMPLE
- UST EXCAVATION
- REMOVED 550-GALLON USTS

POST GASOLINE UST REMOVAL STANDING GROUNDWATER SAMPLE ANALYTICAL MAP

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 12

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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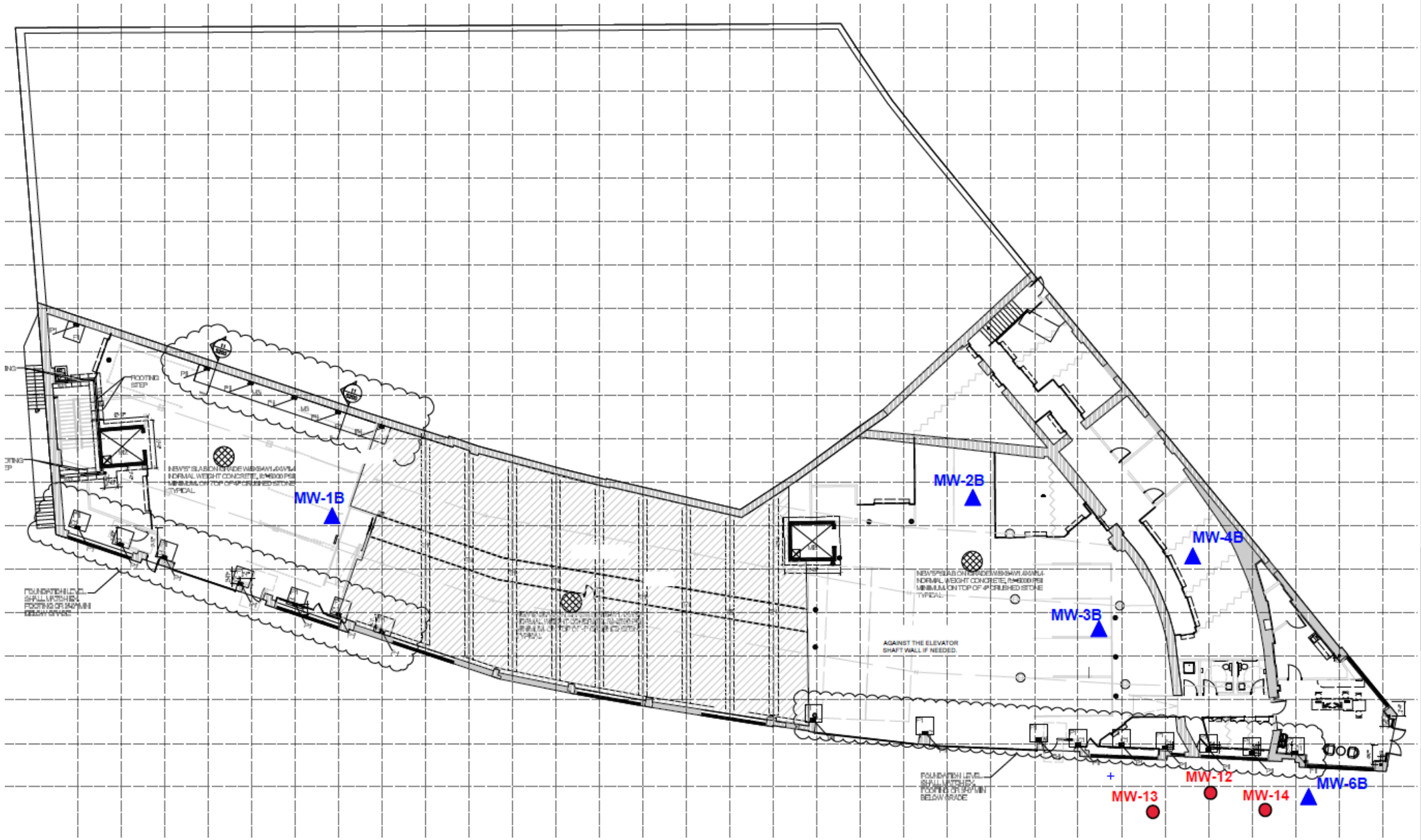

Legend

- NEW MONITORING WELL LOCATIONS
- PRE-EXISTING MONITORING WELLS

POST REMEDIAL GROUNDWATER MONITORING WELL LOCATIONS

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 13

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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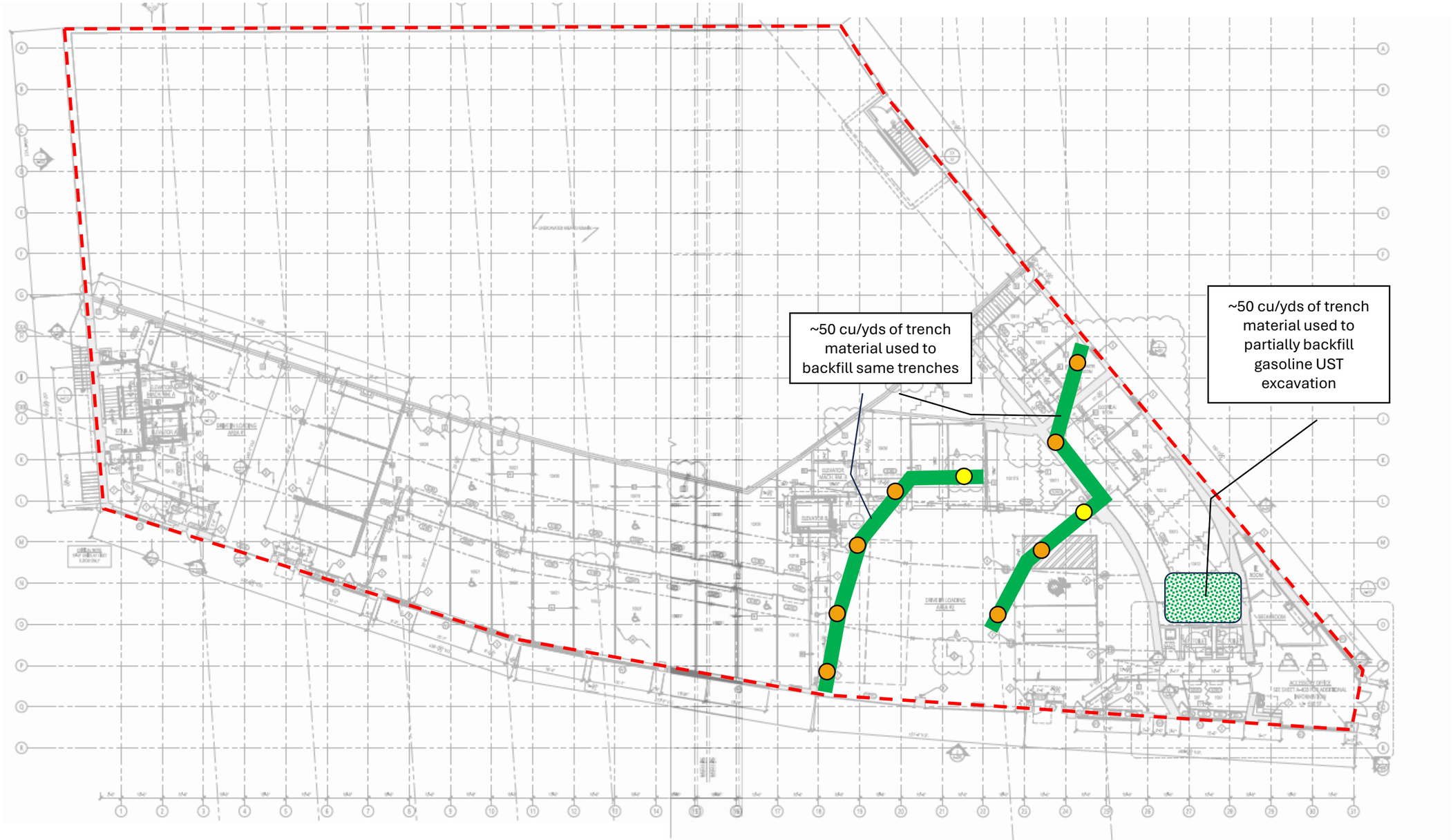

Legend

- VOC GRAB SAMPLE LOCATION
- 5-POINT COMPOSITE SAMPLE LOCATION
- UTILITY TRENCH LOCATIONS (SOIL GENERATION)

REUSED SOIL ORIGIN AND PLACEMENT LOCATIONS

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 14

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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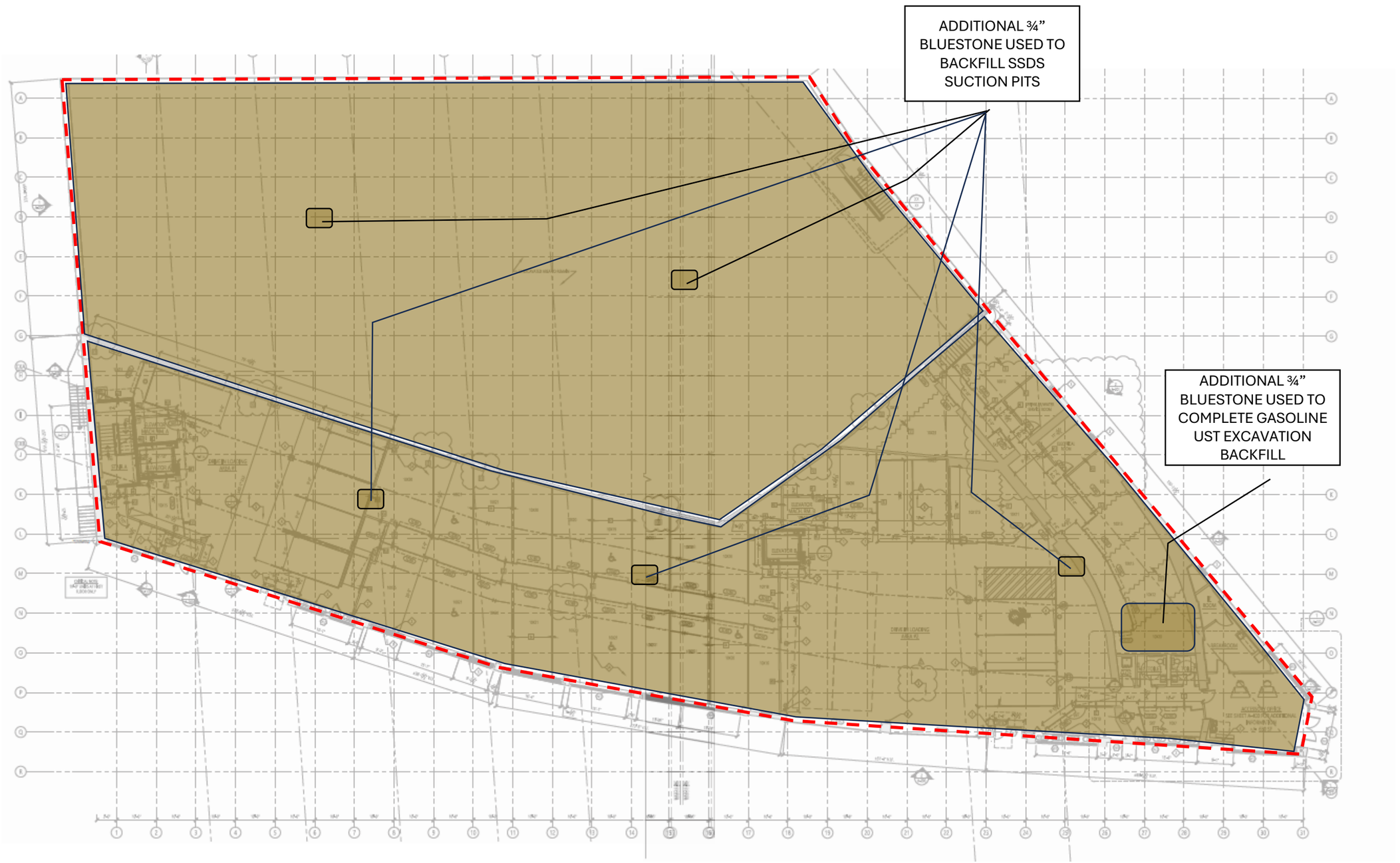

Legend

APPROXIMATELY 6-INCHES OF ¾” VIRGIN BLUESTONE FROM TILCON MOUNT HOPE QUARRY

BACKFILL PLACEMENT LOCATION MAP

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 15

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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IMPACT ENVIRONMENTAL CLOSURES, INC.

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BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

Collection Date				12/22/2022
Client Id				HS-1-SWS
Matrix				SOIL
Project: 60 MCLEAN AVE YONKERS NY	Units	RRSCOs	UUSCOs	Result
Metals Total				
Copper	mg/kg	270	**50**	**54.1**
Nickel	mg/Kg	310	**30**	**59.8**
Trivalent Chromium	mg/kg	180	**30**	**94**

Collection Date				2/20/2023	2/20/2023	2/20/2023	2/20/2023
Client Id				HS-3-N	HS-3-S	HS-3-W	HS-3-E
Matrix				Soil	Soil	Soil	Soil
Project: 60 MCLEAN AVE Y	Units	RRSCOs	UUSCOs	Result	Result	Result	Result
Metals, Total							
Mercury	mg/Kg	0.81	**0.18**	**0.23**	**0.53**	**0.62**	**0.34**
Nickel	mg/Kg	310	**30**	**37.3**	**40.5**	**30.1**	**35.1**
Trivalent Chromium	mg/kg	180	**30**	**27.5**	**47.7**	**22.7**	**26.9**

Collection Date				5/10/2023
Client Id				SB-23
Matrix				Soil
	Units	UUSCOs	RRSCOs	Result
Metals, Total				
Lead	mg/Kg	**63**	**400**	**69.3**
Trivalent Chromium	mg/kg	**30**	180	**33.4**
Pesticides - Soil By SW8081B				
4,4'-DDD	ug/Kg	**3.3**	13,000	**150**
4,4'-DDE	ug/Kg	**3.3**	8,900	**990**
4,4'-DDT	ug/Kg	**3.3**	7,900	**2,500**
a-Chlordane	ug/Kg	**94**	4,200	**1,200**

Collection Date				5/10/2023
Client Id				FT-1
Matrix				Soil
Metals, Total	UNITS	UUSCOs	RRSCOs	RESULT
Copper	mg/kg	**50**	270	**50.8**
Zinc	mg/Kg	**109**	10,000	**238**

Collection Date			06/18/2025
Client Id			TANK SIDEWALL NORTH-A
Matrix			SOIL
	Units	UUSCOs	Result
Volatile Organic Compounds - SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3600**	**11000**
Benzene	ug/Kg	**60**	**4600**
Ethylbenzene	ug/Kg	**1000**	**8900**
Toluene	ug/Kg	**700**	**16000**
Total Xylenes	ug/Kg	**260**	**28000**

Collection Date			06/18/2025
Client Id			TANK SIDEWALL NORTH-B
Matrix			SOIL
	Units	UUSCOs	Result
Volatile Organic Compounds - SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3600**	**19000**
Ethylbenzene	ug/Kg	**1000**	**3600**
Total Xylenes	ug/Kg	**260**	**12100**

Collection Date			06/18/2025
Client Id			TANK BOTTOM
Matrix			SOIL
	Units	UUSCOs	Result
Semivolatiles - SW8270E			
Dibenz(a,h)anthracene	ug/Kg	**330**	**490**
Indeno(1,2,3-cd)pyrene	ug/Kg	**500**	**1900**
Naphthalene	ug/Kg	**12000**	**16000**
Volatile Organic Compounds - SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3600**	**130000**
1,3,5-Trimethylbenzene	ug/Kg	**8400**	**53000**
Benzene	ug/Kg	**60**	**9300**
Ethylbenzene	ug/Kg	**1000**	**77000**
n-Propylbenzene	ug/Kg	**3900**	**26000**
Naphthalene	ug/Kg	**12000**	**31000**
Toluene	ug/Kg	**700**	**110000**
Total Xylenes	ug/Kg	**260**	**298000**

Collection Date					7/14/2025
Client Id					EP-1-RAMP
Matrix					Soil
Project Id : 15514					
	Units	CSCOs	RRSCOs	UUSCOs	Result
Pesticides - Soil By SW8081B					
4,4'-DDT	ug/Kg	47,000	7,900	**3.3**	**3.6**

Collection Date				5/10/2023	5/10/2023
Client Id				HS-10A-N	HS-10A-E
Matrix				Soil	Soil
Metals, Total	**UNITS**	RRSCOs	UUSCOs	RESULT	RESULT
Barium	mg/Kg	**350**	**400**	**821**	**318**
Cadmium	mg/Kg	**2.5**	4.3	**2.98**	**2.27**
Copper	mg/kg	**50**	270	**88.7**	**61.2**
Lead	mg/Kg	**63**	**400**	**572**	**78.4**
Mercury	mg/Kg	**0.18**	0.81	**0.64**	**0.75**
Nickel	mg/Kg	**30**	310	**49.5**	**42.6**
Trivalent Chromium	mg/kg	**30**	180	**50.2**	**41**
Zinc	mg/Kg	**109**	10,000	**314**	**268**

Collection Date			06/18/2025
Client Id			TANK SIDEWALL SOUTH-A
Matrix			SOIL
	Units	UUSCOs	Result
Volatile Organic Compounds - SW8260D			
Benzene	ug/Kg	**60**	**700**
Total Xylenes	ug/Kg	**260**	**810**

Collection Date			06/18/2025
Client Id			TANK SIDEWALL SOUTH-B
Matrix			SOIL
	Units	UUSCOs	Result
Volatile Organic Compounds - SW8260D			
1,2,4-Trimethylbenzene	ug/Kg	**3600**	**20000**
1,3,5-Trimethylbenzene	ug/Kg	**8400**	**8700**
Ethylbenzene	ug/Kg	**1000**	**6500**
Toluene	ug/Kg	**700**	**850**
Total Xylenes	ug/Kg	**260**	**23500**

Hot Spot #1

Hot Spot #3

Hot Spot #10

Legend

SOIL SAMPLE LOCATIONS

POST REMEDIAL UNRESTRICTED USE SCO EXCEEDANCE MAP

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 16

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

Not To Scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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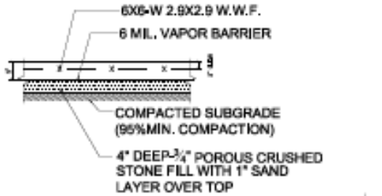
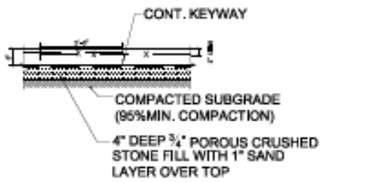
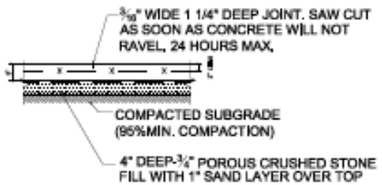
FAX (631) 269-1599



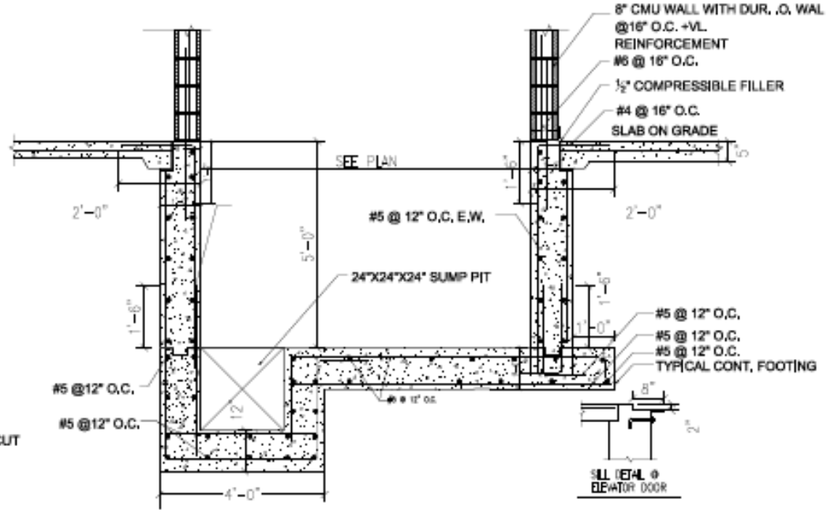
① TYPICAL SLAB ON GRADE
3/4" = 1'-0"



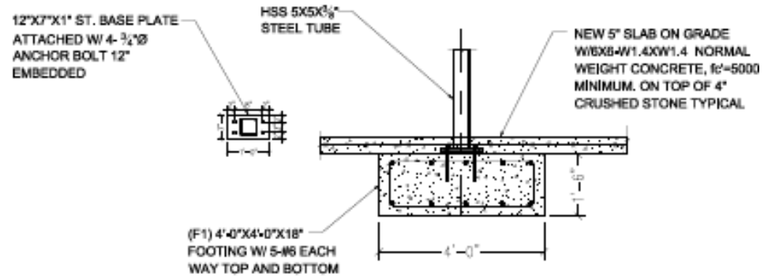
② SLAB CONSTRUCTION JOINT
3/4" = 1'-0"



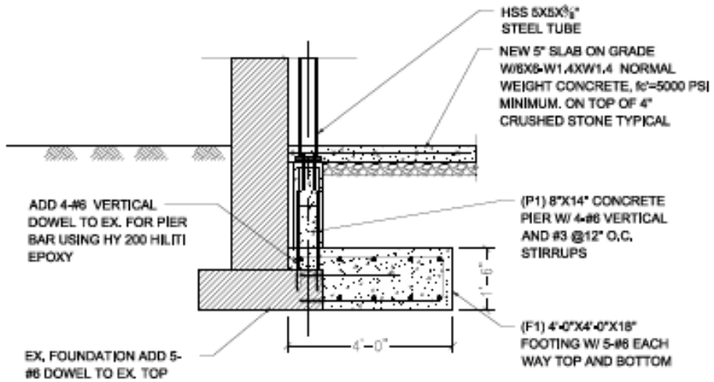
③ SLAB CONTROL JOINT
3/4" = 1'-0"



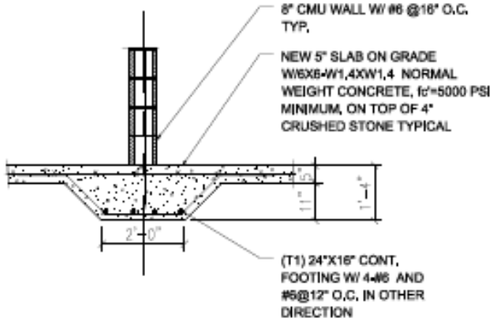
④ ELEVATOR SHAFT SECTION
3/4" = 1'-0"



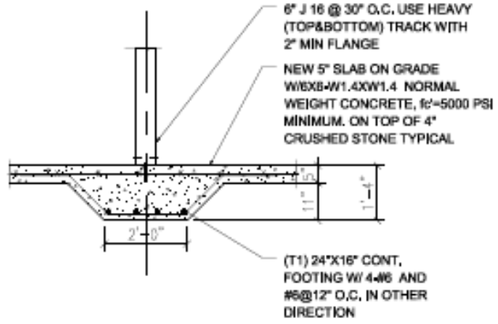
⑤ NEW FOOTING DETAIL
3/4" = 1'-0"



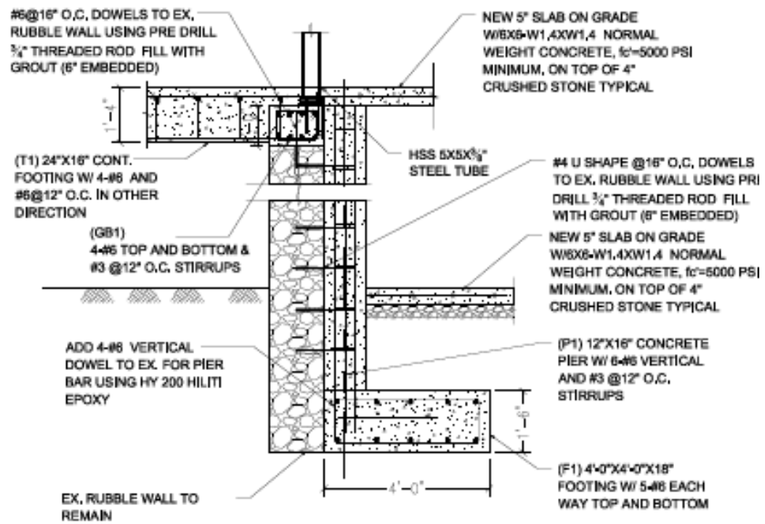
⑧ NEW FOUNDATION @ EX. FOUNDATION DETAIL
3/4" = 1'-0"



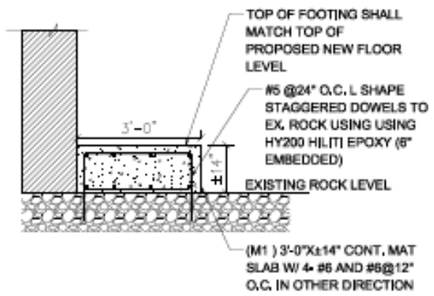
⑥ NEW C.M.U. WALL FOUNDATION DETAIL
3/4" = 1'-0"



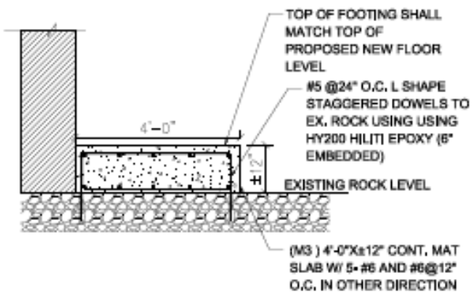
⑦ NEW STUD. WALL FOUNDATION DETAIL
3/4" = 1'-0"



⑨ NEW FOUNDATION @ EX. RUBBLE WALL DETAIL
3/4" = 1'-0"



⑩ PROPOSED FOUNDATION @2ND FLOOR LEVEL ACCORDING TO EX. ROCK LEVEL
3/4" = 1'-0"



⑪ PROPOSED FOUNDATION @1ST FLOOR LEVEL ACCORDING TO EX. ROCK LEVEL
3/4" = 1'-0"

Legend

NOTE: THESE ARE "PROPOSED" DRAWINGS. WILL BE UPDATED TO AS-BUILT DRAWINGS IN FINAL FER SUBMISSION

AS-BUILT SOIL COVER AND CAP SYSTEM CROSS SECTIONS

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 17

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

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Legend

6-INCHES OF ¾” VIRGIN QUARRY BLUESTONE, 20-MIL STEGO WRAP VAPOR BARRIER, AND 4- TO 6-INCH CONCRETE BUILDING SLAB

AS-BUILT SOIL COVER AND CAP SYSTEM LAYOUT

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 18

Project #:	15514
Drawn By:	CJC
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Date:	6/26/23
Revisions	

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BOHEMIA, NEW YORK 11716
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Legend

- FAN Location (Second Floor)
- SSDS Sump Location
- Riser/Horizontal Piping

SSDS LAYOUT AND STARTUP/SHAKEDOWN TESTING RESULTS

46-70 McLean Avenue, Yonkers, NY

BCP#360211

Plate 19

Project #:	15514
Drawn By:	CJC
Checked By:	GMC
Date:	6/26/23
Revisions	

Not To Scale

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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TABLES

46-70 McLean Avenue Auto Repair Laundry

Final Engineering Report

NYSDEC BCP #C360211

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
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Table 1: 6 NYCRR Part 375 Soil Cleanup Objectives

Unrestricted Use, Restricted-Residential and Protection of Groundwater

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater
630-20-6	1,1,1,2-Tetrachloroethane	VOC	NA	NA	NA
71-55-6	1,1,1-Trichloroethane	VOC	680	100,000a	680
79-34-5	1,1,2,2-Tetrachloroethane	VOC	NA	NA	600
79-00-5	1,1,2-Trichloroethane	VOC	NA	NA	NA
76-13-1	1,1,2 Trichloro-1,2,2 Trifluoroethane	VOC	NA	NA	NA
75-34-3	1,1-Dichloroethane	VOC	270	26000	270
75-35-4	1,1-Dichloroethene	VOC	330	100,000a	330
96-18-4	1,2,3-Trichloropropane	VOC	NA	NA	340
120-82-1	1,2,4-Trichlorobenzene	VOC	NA	NA	3400
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52000	3600
96-12-8	1,2-Dibromo-3-Chloropropane	VOC	NA	NA	NA
106-93-4	1,2-Dibromoethane	VOC	NA	NA	NA
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000a	1100
107-06-2	1,2-Dichloroethane	VOC	20c	3100	20f
78-87-5	1,2-Dichloropropane	VOC	NA	NA	NA
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52000	8400
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49000	2400
142-28-9	1,3-Dichloropropane	VOC	NA	NA	300
542-75-6	1,3-Dichloropropene(cis and trans)	VOC	NA	NA	NA
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13000	1800
123-91-1	1,4-Dioxane	VOC	100b	13000	100e
78-93-3	2-Butanone	VOC	120	100,000a	120
95-49-8	2-Chlorotoluene	VOC	NA	NA	NA
108-10-1	4-Methyl-2-Pentanone	VOC	NA	NA	1000
67-64-1	Acetone	VOC	50	100,000b	50
107-02-8	Acrolein	VOC	NA	NA	NA
107-13-1	Acrylonitrile	VOC	NA	NA	NA
71-43-2	Benzene	VOC	60	4800	60
74-97-5	Bromochloromethane	VOC	NA	NA	NA
75-27-4	Bromodichloromethane	VOC	NA	NA	NA
75-25-2	Bromoform	VOC	NA	NA	NA
74-83-9	Bromomethane	VOC	NA	NA	NA
75-15-0	Carbon Disulfide	VOC	NA	NA	2700
56-23-5	Carbon Tetrachloride	VOC	760	2400	760
108-90-7	Chlorobenzene	VOC	1,100	100,000a	1100
124-48-1	Chlorodibromomethane	VOC	NA	NA	NA
75-00-3	Chloroethane	VOC	NA	NA	1900
67-66-3	Chloroform	VOC	370	49000	370
74-87-3	Chloromethane	VOC	NA	NA	NA
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000a	250
74-95-3	Dibromomethane	VOC	NA	NA	NA
75-71-8	Dichlorodifluoromethane	VOC	NA	NA	NA
100-41-4	Ethylbenzene	VOC	1,000	41000	1000
98-82-8	Isopropylbenzene	VOC	NA	NA	2300
79-20-9	Methyl Acetate	VOC	NA	NA	NA
75-09-2	Methylene Chloride	VOC	50	100,000a	50
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000a	930
104-51-8	n-Butylbenzene	VOC	12,000	100,000a	12000
103-65-1	n-Propylbenzene	VOC	3,900	100,000a	3900
99-87-6	p-Isoproplytoluene	VOC	NA	NA	10000
135-98-8	sec-Butylbenzene	VOC	11,000	100,000a	11000
100-42-5	Styrene	VOC	NA	NA	NA
98-06-6	tert-Butylbenzene	VOC	5,900	100,000a	5900
75-65-0	Tertiary Butyl Alcohol	VOC	NA	NA	NA
127-18-4	Tetrachloroethene	VOC	1,300	19000	1300
108-88-3	Toluene	VOC	700	100,000a	700
1330-20-7	Total Xylenes	VOC	260	100,000a	1600
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000a	190
79-01-6	Trichloroethene	VOC	470	21000	470
75-69-4	Trichlorofluoromethane	VOC	NA	NA	NA
108-05-4	Vinyl Acetate	VOC	NA	NA	NA
75-01-4	Vinyl Chloride	VOC	20	900	20

Table 1: 6 NYCRR Part 375 Soil Cleanup Objectives

Unrestricted Use, Restricted-Residential and Protection of Groundwater

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater
87-68-3	Hexachlorobutadiene	SVOC	NA	NA	NA
92-52-4	1-1- Biphenyl	SVOC	NA	NA	NA
122-66-7	1,2- Diphenylhydrazine	SVOC	NA	NA	NA
95-94-3	1,2,4,5-Tetrachlorobenzene	SVOC		NA	NA
58-90-2	2,3,4,6-Tetrachlorophenol	SVOC		NA	NA
95-95-4	2,4,5-Trichlorophenol	SVOC	NA	NA	100
88-06-2	2,4,6-Trichlorophenol	SVOC	NA	NA	NA
120-83-2	2,4-Dichlorophenol	SVOC	NA	NA	400
105-67-9	2,4-Dimethylphenol	SVOC	NA	NA	NA
51-28-5	2,4-Dinitrophenol	SVOC	NA	NA	200
121-14-2	2,4-Dinitrotoluene	SVOC	NA	NA	NA
606-20-2	2,6-Dinitrotoluene	SVOC	NA	NA	170
91-58-7	2-Chloronaphthalene	SVOC	NA	NA	NA
95-57-8	2-Chlorophenol	SVOC	NA	NA	NA
91-57-6	2-Methylnaphthalene	SVOC	NA	NA	NA
95-48-7	2-Methylphenol	SVOC	330b	100,000a	330e
88-74-4	2-Nitroaniline	SVOC	NA	NA	400
88-75-5	2-Nitrophenol	SVOC	NA	NA	300
91-94-1	3,3-Dichlorobenzidine	SVOC	NA	NA	NA
108-39-4	m-Cresol(s)	SVOC	330b	100,000a	330e
99-09-2	3-Nitroaniline	SVOC	NA	NA	500
534-52-1	4,6-Dinitro-2-methylphenol	SVOC	NA	NA	NA
59-50-7	4-Chloro-3-methylphenol	SVOC	NA	NA	NA
106-47-8	4-Chloroaniline	SVOC	NA	NA	220
106-44-5	4-Methylphenol	SVOC	330b	100,000a	330e
15831-10-4	3+4 Methylphenol	SVOC		100,000a	330e
100-01-6	4-Nitroaniline	SVOC	NA	NA	NA
100-02-7	4-Nitrophenol	SVOC	NA	NA	100
83-32-9	Acenaphthene	SVOC	20,000	100,000a	98000
208-96-8	Acenaphthylene	SVOC	100,000a	100,000a	107000
98-86-2	Acetophenone	SVOC	NA	NA	NA
62-53-3	Aniline	SVOC	NA	100000	330
120-12-7	Anthracene	SVOC	100,000a	100,000a	1,000,000c
1912-24-9	Atrazine	SVOC	NA	NA	NA
100-52-7	Benzaldehyde	SVOC	NA	NA	NA
92-87-5	Benzidine	SVOC	NA	NA	NA
56-55-3	Benzo-a-Anthracene	SVOC	1,000c	1,000f	1,000f
50-32-8	Benzo-a-Pyrene	SVOC	1,000c	1,000f	22000
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000c	1,000f	1700
207-08-9	Benzo-k-Fluoranthene	SVOC	800c	3900	1700
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000a	1,000,000c
65-85-0	Benzoic Acid	SVOC	NA	NA	100000
100-51-6	Benzyl Alcohol	SVOC	NA	NA	NA
111-44-4	Bis(2-Chloroethyl)ether	SVOC	NA	NA	NA
108-60-1	Bis(2-Chloroisopropyl)ether	SVOC	NA	NA	NA
117-81-7	Bis(2-Ethylhexyl)Phthalate	SVOC	NA	NA	435000
85-68-7	Butylbenzylphthalate	SVOC	NA	NA	122000
105-60-2	Caprolactam	SVOC	NA	NA	NA
86-74-8	Carbazole	SVOC	NA	NA	NA
218-01-9	Chrysene	SVOC	1,000c	3900	1,000f
75-99-0	Dalapon	SVOC		NA	NA
132-64-9	Dibenzofuran	SVOC	7,000	59000	6200
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330b	330e	1,000,000c
84-66-2	Diethyl Phthalate	SVOC	NA	NA	7100
131-11-3	Dimethyl Phthalate	SVOC	NA	NA	27000
84-74-2	Di-n-Butyl Phthalate	SVOC	NA	NA	8100
25321-14-6	Dinitrotoluene(2,4-/2,6-)	SVOC	NA	NA	NA
117-84-0	Di-n-Octyl Phthalate	SVOC	NA	NA	120000
206-44-0	Fluoranthene	SVOC	100,000	100,000a	1,000,000c
86-73-7	Fluorene	SVOC	30,000	100,000a	386000
118-74-1	Hexachlorobenzene	SVOC	330	1200	3200
77-47-4	Hexachlorocyclopentadiene	SVOC	NA	NA	NA
67-72-1	Hexachloroethane	SVOC	NA	NA	NA
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500c	500f	8200
78-59-1	Isophorone	SVOC	NA	NA	4400
91-20-3	Naphthalene	SVOC	12,000	100,000a	12000
98-95-3	Nitrobenzene	SVOC	NA	15000	170
62-75-9	N-Nitrosodimethylamine	SVOC	NA	NA	NA
621-64-7	N-Nitroso-di-n-Propylamine	SVOC	NA	NA	NA
86-30-6	N-Nitrosodiphenylamine	SVOC	NA	NA	NA
87-86-5	Pentachlorophenol	SVOC	800b	6700	800e
85-01-8	Phenanthrene	SVOC	100,000	100,000a	1,000,000c
108-95-2	Phenol	SVOC	330b	100,000a	330e
129-00-0	Pyrene	SVOC	100000	100,000a	1,000,000c

Table 1: 6 NYCRR Part 375 Soil Cleanup Objectives

Unrestricted Use, Restricted-Residential and Protection of Groundwater

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	NYCRR 375 Protection of Groundwater
93-76-5	2,4,5-T	HERBICIDE	NA	NA	1900
93-72-1	2,4,5-TP Acid	PESTICIDE	3,800	100,000a	3800
94-75-7	2,4-D	HERBICIDE	NA	NA	500
72-54-8	4,4-DDD	PESTICIDE	3.3b	13000	14000
72-55-9	4,4-DDE	PESTICIDE	3.3b	8900	17000
50-29-3	4,4-DDT	PESTICIDE	3.3b	7900	136000
309-00-2	Aldrin	PESTICIDE	5c	97	190
319-84-6	alpha-BHC	PESTICIDE	20	480	20
5103-71-9	Alpha Chlordane	PESTICIDE	94	4200	2900
12674-11-2	Aroclor 1016	PCB	NA	NA	NA
11104-28-2	Aroclor 1221	PCB	NA	NA	NA
11141-16-5	Aroclor 1232	PCB	NA	NA	NA
53469-21-9	Aroclor 1242	PCB	NA	NA	NA
12672-29-6	Aroclor 1248	PCB	NA	NA	NA
11097-69-1	Aroclor 1254	PCB	NA	NA	NA
11096-82-5	Aroclor 1260	PCB	NA	NA	NA
37324-23-5	Aroclor 1262	PCB		NA	NA
11100-14-4	Aroclor 1268	PCB		NA	NA
319-85-7	beta-BHC	PESTICIDE	36	360	90
57-74-9	Chlordane	PESTICIDE	94	4200	2900
319-86-8	delta-BHC	PESTICIDE	40	100,000a	250
1918-00-9	Dicamba	HERBICIDE	NA	NA	NA
60-57-1	Dieldrin	PESTICIDE	5	200	100
115-29-7	Endosulfan	PESTICIDE	2400	NA	NA
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000i	102000
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000i	102000
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000i	1,000,000c
72-20-8	Endrin	PESTICIDE	14	11000	60
58-89-9	gamma-BHC	PESTICIDE	100	1300	100
5103-74-2	Gamma Chlordane	PESTICIDE	NA	NA	14000
76-44-8	Heptachlor	PESTICIDE	42	2100	380
1024-57-3	Heptachlor Epoxide	PESTICIDE	NA	NA	20
72-43-5	Methoxychlor	PESTICIDE	NA	NA	900000
56-38-2	Parathion	PESTICIDE	NA	NA	1200
1336-36-3	Polychlorinated Biphenyls	PCBs	100	1000	3200
8001-35-2	Toxaphene	PESTICIDE	NA	NA	NA
335-67-1	Perfluorooctanoic acid (PFOA)	PFAS	0.66	33	0.8
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	PFAS	0.88	44	1.0
	Unit		*mg/kg*	*mg/kg*	*mg/kg*
7429-90-5	Aluminum, Al	METAL	NA	NA	NA
7440-36-0	Antimony, Sb	METAL	NA	NA	NA
7440-38-2	Arsenic, As	METAL	13c	16f	16f
7440-39-3	Barium, Ba	METAL	350c	400	820
7440-41-7	Beryllium, Be	METAL	7.2	72	47
7440-42-8	Boron, B	METAL		NA	NA
7440-43-9	Cadmium, Cd	METAL	2.5c	4.3	7.5
7440-47-3	Chromium, Cr	METAL	NA	110	NA
18540-29-9	Chromium, hexavalent	METAL	1b	110	19
16065-83-1	Chromium, trivalent	METAL	30c	180	NA
7440-48-4	Cobalt, Co	METAL	NA	NA	NA
7440-50-8	Copper, Cu	METAL	50	270	1720
57-12-5	Cyanide	METAL	27	27	40
7439-89-6	Iron, Fe	METAL	NA	NA	NA
7439-92-1	Lead, Pb	METAL	63c	400	450
7439-96-5	Manganese, Mn	METAL	1,600c	2,000f	2,000f
7439-97-6	Mercury, Hg	METAL	.18c	.81j	0.73
7440-02-0	Nickel, Ni	METAL	30	310	130
7782-49-2	Selenium, Se	METAL	3.9c	180	4f
7440-22-4	Silver, Ag	METAL	2	180	8.3
7440-31-5	Tin, Sn	METAL		NA	NA
7440-28-0	Thallium, Tl	METAL	NA	NA	NA
7440-62-2	Vanadium, V	METAL	NA	NA	NA
7440-66-6	Zinc, Zn	METAL	109c	10,000d	2480
pH	pH	pH		NA	NA

Table 2
Soil Disposal Quantities and Facilities
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

Disposal Facility	Material Type	Total Quantity (tons)
Impact Reuse & Recovery Center (IRRC) located at 1000 Page Avenue, Lyndhurst, NJ (NJDEP #CBG170002)	Hot Spot Soil Removal	156.80
Clean Earth of Carteret, LLC (CEC), of Carteret, NJ	Hot Spot Soil Removal	10.92
Clean Earth of Carteret, LLC (CEC), of Carteret, NJ	Hydraulic Lift Area Soil Removal	87.16
Impact Reuse & Recovery Center (IRRC) located at 1000 Page Avenue, Lyndhurst, NJ (NJDEP #CBG170002)	5,000-gallon fuel oil UST soil removal	118.05
Pure Soil Technologies, Inc., of Jackson Township, Ocean County, NY (NJDEP #CBG190003)	4x 550-gallon gasoline UST soil removal	142.72
Total Quantity		**515.65**

Table 3a
Post Fuel Oil UST Removal Ramp Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Collection Date												10/27/2022				10/27/2022			
	Client Id												RAMP-1 COMP				RAMP-1 GRAB			
	Matrix												Soil				Soil			
Project Id : 15504 60 MCLEAN YONKERS NY																				
	CAS	Units	EPA Toxicity Characteristics	NJ-IGW Soil Scrn	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																				
Percent Solid	PHNX - PCTSOLID	%											87				89			
Aniline	62-53-3	ug/Kg									120	340	< 120	120	U	120				
Benzoic Acid	65-85-0	ug/Kg									2,700,000	7,800,000	< 380	380	U	260				
Corrosivity	PHNX - CORROSIVITY	Pos/Neg											Negative		U		Negative		U	
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg						400	110	1	37	190	< 0.45	0.45	U	0.45				
Parathion	56-38-2	ug/Kg									590	360,000	< 380	380	U	150				
pH at 25C - Soil	PHNX - PH	pH Units											7.61	1.00		1.00	7.94	1.00		1.00
Redox Potential	PHNX - REDOX	mV											296				298			
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg		20		47	47	27	27	27	130	200	< 0.57	0.57	U	0.287				
Vinyl Acetate	108-05-4	ug/Kg									5,000	14,000					< 46	46	U	46
Metals, Total																				
Aluminum	7429-90-5	mg/Kg		6,000		78,000	78,000				190,000	190,000	13,100	37		7.5				
Antimony	7440-36-0	mg/Kg		6		31	31				27	27	< 3.7	3.7	U	3.7				
Arsenic	7440-38-2	mg/Kg		19	1,100	19	19	16	16	13	12	53	3.05	0.75		0.75				
Barium	7440-39-3	mg/Kg		2,100	870,000	16,000	16,000	400	400	350	8,200	8,200	603	0.7		0.37				
Beryllium	7440-41-7	mg/Kg		0.7	2,000	16	160	590	72	7.2	320	320	0.43	0.30		0.15				
Cadmium	7440-43-9	mg/Kg		2	2,600	78	71	9.3	4.3	2.5	38	38	0.77	0.37		0.37				
Calcium	7440-70-2	mg/Kg											5,180	3.7		3.4				
Chromium	7440-47-3	mg/Kg											24.9	0.37		0.37				
Cobalt	7440-48-4	mg/Kg		90	520	1,600	23				45	22	8.87	0.37		0.37				
Copper	7440-50-8	mg/kg		11,000		3,100	3,100	270	270	50	7,200	36,000	38.7	0.7		0.37				
Iron	7439-89-6	mg/Kg									150,000	190,000	17,100	37		37				
Lead	7439-92-1	mg/Kg		90		400	400	1,000	400	63	450	450	107	0.7		0.37				
Magnesium	7439-95-4	mg/Kg											4,250	3.7		3.7				
Manganese	7439-96-5	mg/Kg		65	87,000	11,000	1,900	10,000	2,000	1,600	2,000	190,000	246	3.7		3.7				
Mercury	7439-97-6	mg/Kg		0.1	520,000	23	23	2.8	0.81	0.18	10	10	0.2	0.03		0.02				
Nickel	7440-02-0	mg/Kg		48	20,000	1,600	1,600	310	310	30	650	650	18.8	0.37		0.37				
Potassium	9/7/7440	mg/Kg											1,760	7		2.9				
Selenium	7782-49-2	mg/Kg		11		390	390	1,500	180	3.9	26	26	< 1.5	1.5	U	1.3				
Silver	7440-22-4	mg/Kg		1		390	390	1,500	180	2	84	84	< 0.37	0.37	U	0.37				
Sodium	7440-23-5	mg/Kg											307	7		3.2				
Thallium	7440-28-0	mg/Kg		3							2.2	14	< 1.5	1.5	U	1.5				
Trivalent Chromium	16065-83-1	mg/kg											24.9	0.37		0.37				
Vanadium	7440-62-2	mg/Kg			170,000	78	390				99.86	72,000	36.6	0.37		0.37				
Zinc	7440-66-6	mg/Kg		930		23,000	23,000	10,000	10,000	109	12,000	12,000	208	7.5		3.7				
Metals, TCLP																				
TCLP Arsenic	7440-38-2	mg/L	5										< 0.10	0.10	U	0.040				
TCLP Barium	7440-39-3	mg/L	100										0.26	0.10		0.010				
TCLP Cadmium	7440-43-9	mg/L	1										0.006	0.050	J	0.0050				
TCLP Chromium	7440-47-3	mg/L	5										< 0.10	0.10	U	0.010				
TCLP Lead	7439-92-1	mg/L	5										0.27	0.10		0.010				
TCLP Mercury	7439-97-6	mg/L	0.2										< 0.0002	0.0002	U	0.00015				
TCLP Selenium	7782-49-2	mg/L	1										< 0.10	0.10	U	0.10				
TCLP Silver	7440-22-4	mg/L	5										< 0.10	0.10	U	0.010				
PCBs By SW8082A																				
PCB-1016	12674-11-2	ug/Kg		200				1,000		100	15,000	200,000	< 76	76	U	76				
PCB-1221	11104-28-2	ug/Kg		200				1,000		100	160	2,500	< 76	76	U	76				
PCB-1232	11141-16-5	ug/Kg		200				1,000		100	130	2,000	< 76	76	U	76				
PCB-1242	53469-21-9	ug/Kg		200		200		1,000		100	4,000	62,000	< 76	76	U	76				
PCB-1248	12672-29-6	ug/Kg		200		200		1,000		100	9,300	44,000	< 76	76	U	76				
PCB-1254	11097-69-1	ug/Kg		200		200		1,000		100	4,400	44,000	< 76	76	U	76				
PCB-1260	11096-82-5	ug/Kg		200		200		1,000		100	9,300	130,000	< 76	76	U	76				
PCB-1262	37324-23-5	ug/Kg		200						100			< 76	76	U	76				
PCB-1268	11100-14-4	ug/Kg		200						100			< 76	76	U	76				
Volatiles By SW8260C																				
1,2,4-Trimethylbenzene	95-63-6	ug/Kg					780,000	190,000	52,000	3,600	73,000	20,000					< 4.6	4.6	U	0.46
1,3,5-Trimethylbenzene	108-67-8	ug/Kg						190,000	52,000	8,400	23,000	6,200					< 4.6	4.6	U	0.46
1,3-Dichlorobenzene	541-73-1	ug/Kg		19,000		5,300,000	6,700,000	280,000	49,000	2,400	61,000	61,000					< 4.6	4.6	U	0.46
Naphthalene	91-20-3	ug/Kg		25,000	5,700	6,000	2,500,000	500,000	100,000	12,000	13,000	25,000					< 4.6	4.6	U	0.91
n-Butylbenzene	104-51-8	ug/Kg						500,000	100,000	12,000	1,100,000	2,600,000					< 4.6	4.6	U	0.46
n-Propylbenzene	103-65-1	ug/Kg						500,000	100,000	3,900	400,000	780,000					< 4.6	4.6	U	0.91
p-Isopropyltoluene	99-87-6	ug/Kg															< 4.6	4.6	U	0.46
sec-Butylbenzene	135-98-8	ug/Kg						500,000	100,000	11,000	820,000	960,000					< 4.6	4.6	U	0.46
tert-Butylbenzene	98-06-6	ug/Kg						500,000	100,000	5,900	630,000	740,000					< 4.6	4.6	U	0.46
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg									18,000	18,000					< 4.6	4.6	U	0.91
1,1,1-Trichloroethane	71-55-6	ug/Kg		300		22,000,000	160,000,000	500,000	100,000	680	7,200	7,200					< 4.6	4.6	U	0.46
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg		7		1,000	3,500				26	9.3					< 4.6	4.6	U	0.91
1,1,2-Trichloroethane	79-00-5	ug/Kg		20		2,000	12,000				150	150					< 4.6	4.6	U	0.91
1,1-Dichloroethane	75-34-3	ug/Kg		200		8,000	120,000	240,000	26,000	270	750	2,700					< 4.6	4.6	U	0.91
1,1-Dichloroethene	75-35-4	ug/Kg		8	52,000	11,000	11,000	500,000	100,000	330	190	190					< 4.6	4.6	U	0.46
1,2,3-Trichlorobenzene	87-61-6	ug/Kg															< 4.6	4.6	U	0.91
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		700	94,000	73,000	780,000				27,000	27,000					< 4.6	4.6	U	0.91
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg		5	26	80	870				9.2	9.2					< 4.6	4.6	U	0.91
1,2-Dibromoethane	106-93-4	ug/Kg		5	85	8	350				1.2	1.2					< 1.2	1.2	U	0.46
1,2-Dichlorobenzene	95-50-1	ug/Kg		17,000		5,300,000	6,700,000	500,000	100,000	1,100	59,000	59,000					< 4.6	4.6	U	0.46
1,2-Dichloroethane	107-06-2	ug/Kg		5	71,000	900	5,800	30,000	3,100	20	100	100					< 4.6	4.6	U	0.46
1,2-Dichloropropane	78-87-5	ug/Kg		5	5,700	2,000	19,000				110	110					< 4.6	4.6	U	0.91
1,4-Dichlorobenzene	106-46-7	ug/Kg		2,000		5,000	780,000	130,000	13,000	1,800	10,000	10,000					< 4.6	4.6	U	0.46
2-Hexanone	591-78-6	ug/Kg			1,000,000		390,000				1,600						< 23	23	U	4.6
4-Methyl-2-pentanone	108-10-1	ug/Kg									43,000	6,300					< 23	23	U	4.6
Acetone	67-64-1	ug/Kg		19,000		70,000,000	70,000,000	500,000	100,000	50	350,000	110,000					< 46	46	U	4.6
Acrolein	107-02-8	ug/Kg		500		500					0.47	1.4					< 0.47	0.47	U	0.47
Acrylonitrile	107-13-1	ug/Kg		500		900					10	37					< 9.1	9.1	U	0.46
Benzene	71-43-2	ug/Kg		5	2,200	2,000	3,000	44,000	4,800	60	130	130					< 4.6	4.6	U	0.46
Bromochloromethane	74-97-5	ug/Kg									1,600	1,600					< 4.6	4.6	U	0.46
Bromodichloromethane	75-27-4	ug/Kg		5		1,000	11,000				2,700	3,400					< 4.6	4.6	U	0.91
Bromoform	75-25-2	ug/Kg		30		81,000	88,000				3,500	4,400					< 4.6	4.6	U	0.91
Bromomethane	74-83-9	ug/Kg		40	18,000	25,000	110,000				540	540					< 4.6	4.6	U	1.8
Carbon Disulfide	75-15-0	ug/Kg		6,000		7,800,000					130,000	350,000					< 4.6	4.6	U	0.91
Carbon tetrachloride	56-23-5	ug/Kg		5	1,400	2,000	7,600	22,000	2,400	760	260	260					< 4.6	4.6	U	0.91
Chlorobenzene	108-90-7	ug/Kg		600		510,000	510,000	500,000	100,000	1,100	6,100	6,100					< 4.6	4.6	U	0.46
Chloroethane	75-00-3	ug/Kg				220,000					450,000	19,000					< 4.6	4.6	U	0.46
Chloroform	67-66-3	ug/Kg		400	590,000	600	780,000	350,000	49,000	370	2,000	2,500					< 4.6	4.6	U	0.46
Chloromethane	74-87-3	ug/Kg			270,000	4,000					380	38					< 4.6	4.6	U	0.91
cis-1,2-Dichloroethene	156-59-2	ug/Kg		300		230,000	780,000	500,000	100,000	250	1,600	1,600					< 4.6	4.6	U	0.46
cis-1,3-Dichloropropene	10061-01-5	ug/Kg		5													< 4.6	4.6	U	0.46
Cyclohexane	110-82-7	ug/Kg									1,700,000						< 4.6	4.6	U	0.91
Dibromochloromethane	124-48-1	ug/Kg		5		3,000	8,300				2,500	3,200					< 4.6	4.6	U	0.91
Dichlorodifluoromethane	75-71-8	ug/Kg		39,000		490,000	16,000,000				100,000	100,000					< 4.6	4.6	U	0.46
Ethylbenzene	100-41-4	ug/Kg		13,000	10,000	7,800,000	7,800,000	390,000	41,000	1,000	46,000	46,000					< 4.6	4.6	U	0.46
Isopropylbenzene	98-82-8	ug/Kg					7,800,000				600,000	1,600,000					< 4.6	4.6	U	0.46
m&p-Xylene	179601-23-1	ug/Kg															< 4.6	4.6	U	0.91
Methyl ethyl ketone	78-93-3	ug/Kg		900		3,100,000	47,000,000	500,000	100,000	120	76,000	110,000					< 27	27	U	4.6
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg		200	140,000	110,000	780,000	500,000	100,000	930	280	280					< 9.1	9.1	U	0.91
Methylacetate	79-20-9	ug/Kg		22,000		78,000,000	78,000,000				650,000	1,900,000					< 9.1	9.1	U	9.1
Methylcyclohexane	108-87-2	ug/Kg															< 4.6	4.6	U	0.91
Methylene chloride	75-09-2	ug/Kg		10	1,400,000	46,000	50,000	500,000	100,000	50	76	76					< 4.6	4.6	U	4.6
o-Xylene	95-47-6	ug/Kg															< 4.6	4.6	U	0.91
Styrene	100-42-5	ug/Kg		3,000		90,000	16,000,000				24,000	24,000					< 4.6	4.6	U	0.46
tert-butyl alcohol	75-65-0	ug/Kg		300		1,400,000	1,400,000										< 91	91	U	18
Tetrachloroethene	127-18-4	ug/Kg		5	47,000	43,000	330,000	150,000	19,000	1,300	430	430					< 4.6	4.6	U	0.91
Toluene	108-88-3	ug/Kg		7,000		6,300,000	6,300,000	500,000	100,000	700	44,000	44,000					< 4.6	4.6	U	0.46
Total Xylenes	1330-20-7	ug/Kg		19,000		12,000,000	12,000,000		100,000	260	990,000	990,000					< 4.6	4.6	U	4.6
trans-1,2-Dichloroethene	156-60-5	ug/Kg		600		300,000	1,300,000	500,000	100,000	190	2,300	2,300					< 4.6	4.6	U	0.46
trans-1,3-Dichloropropene	10061-02-6	ug/Kg		5													< 4.6	4.6	U	0.46
Trichloroethene	79-01-6	ug/Kg		10	3,000	3,000	15,000	200,000	21,000	470	170	170					< 4.6	4.6	U	0.46
Trichlorofluoromethane	75-69-4	ug/Kg		34,000		23,000,000	23,000,000				87,000	87,000					< 4.6	4.6	U	0.91
Trichlorotrifluoroethane	76-13-1	ug/Kg									3,400,000	53,000,000					< 4.6	4.6	U	0.46
Vinyl chloride	75-01-4	ug/Kg		5	1,400	700	970	13,000	900	20	27	27					< 4.6	4.6	U	0.46

Table 3a
Post Fuel Oil UST Removal Ramp Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Collection Date												10/27/2022				10/27/2022			
	Client Id												RAMP-1 COMP				RAMP-1 GRAB			
	Matrix												Soil				Soil			
Project Id : 15504 60 MCLEAN YONKERS NY																				
	CAS	Units	EPA Toxicity Characteristics	NJ-IGW Soil Scrn	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Semivolatiles By SW8270D																				
1,1-Biphenyl	92-52-4	ug/Kg		140,000		61,000	87,000				370	2,200,000	< 260	260	U	120				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg					23,000				4,600	14,000	< 260	260	U	130				
1,2-Diphenylhydrazine	122-66-7	ug/Kg		700		700					39	580	< 75	75	U	75				
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg		5,000		23,000	3,100,000				8,000	8,000	< 260	260	U	100				
2,3,4,6-tetrachlorophenol	58-90-2	ug/Kg					1,900,000				1,600,000	950,000	< 260	260	U	180				
2,4,5-Trichlorophenol	95-95-4	ug/Kg		68,000		6,100,000	6,300,000				2,100,000	6,100,000	< 260	260	U	210				
2,4,6-Trichlorophenol	88-06-2	ug/Kg		200		19,000	49,000				10,000	8,900	< 150	150	U	120				
2,4-Dichlorophenol	120-83-2	ug/Kg		200		180,000	190,000				1,000	1,000	< 150	150	U	130				
2,4-Dimethylphenol	105-67-9	ug/Kg		1,000		1,200,000	1,300,000				30,000	87,000	< 260	260	U	93				
2,4-Dinitrophenol	51-28-5	ug/Kg		300		120,000	130,000				780	460	< 260	260	U	260				
2,4-Dinitrotoluene	121-14-2	ug/Kg		200		700					50	200	< 75	75	U	75				
2,6-Dinitrotoluene	606-20-2	ug/Kg		200		700					13	3,000	< 75	75	U	75				
2-Chloronaphthalene	91-58-7	ug/Kg					4,800,000				6,000,000	18,000,000	< 260	260	U	110				
2-Chlorophenol	95-57-8	ug/Kg		800		310,000	390,000				4,400	4,400	< 260	260	U	110				
2-Methylnaphthalene	91-57-6	ug/Kg		8,000		230,000	240,000				25,000	8,000,000	< 260	260	U	110				
2-Methylphenol (o-cresol)	95-48-7	ug/Kg				310,000	320,000	500,000	100,000	330	28,000	180,000	< 260	260	U	180				
2-Nitroaniline	88-74-4	ug/Kg		0		39,000					2	100	< 75	75	U	75				
2-Nitrophenol	88-75-5	ug/Kg									5,700	17,000	< 260	260	U	240				
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg											< 260	260	U	150				
3,3'-Dichlorobenzidine	91-94-1	ug/Kg		200		1,000	1,200				7,700	32,000	< 150	150	U	150				
3-Nitroaniline	99-09-2	ug/Kg										91	< 91	91	U	91				
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg		300		6,000					210		< 210	210	U	210				
4-Bromophenyl phenyl ether	101-55-3	ug/Kg											< 260	260	U	110				
4-Chloro-3-methylphenol	59-50-7	ug/Kg									720,000	110,000	< 260	260	U	130				
4-Chloroaniline	106-47-8	ug/Kg					2,700				420	52,000	< 420	420	U	180				
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg											< 260	260	U	130				
4-Nitroaniline	100-01-6	ug/Kg					27,000				490	86	< 86	86	U	86				
4-Nitrophenol	100-02-7	ug/Kg									4,100	4,100	< 380	380	U	170				
Acenaphthene	83-32-9	ug/Kg		110,000		3,400,000	3,600,000	500,000	100,000	20,000	2,600,000	4,700,000	< 260	260	U	110				
Acenaphthylene	208-96-8	ug/Kg						500,000	100,000	100,000	2,400,000	6,900,000	< 150	150	U	110				
Acetophenone	98-86-2	ug/Kg		3,000		2,000	7,800,000				190,000	540,000	< 260	260	U	120				
Anthracene	120-12-7	ug/Kg		2,400,000		17,000,000	18,000,000	500,000	100,000	100,000	350,000	350,000	< 260	260	U	120				
Atrazine	1912-24-9	ug/Kg		200		210,000	220,000				130	130	< 130	130	U	110				
Benz(a)anthracene	56-55-3	ug/Kg		800	78,000,000	5,000	5,100	5,600	1,000	1,000	6,100	110,000	< 260	260	U	130				
Benzaldehyde	100-52-7	ug/Kg					170,000						< 260	260	U	110				
Benzidine	92-87-5	ug/Kg		700		700					18	340	< 70	70	U	75				
Benzo(a)pyrene	50-32-8	ug/Kg		200	3,500,000	500	510	1,000	1,000	1,000	4,200	11,000	< 150	150	U	120				
Benzo(b)fluoranthene	205-99-2	ug/Kg		2,000	78,000,000	5,000	5,100	5,600	1,000	1,000	3,500	110,000	< 260	260	U	130				
Benzo(ghi)perylene	191-24-2	ug/Kg				380,000,000		500,000	100,000	100,000	180,000	180,000	< 260	260	U	120				
Benzo(k)fluoranthene	207-08-9	ug/Kg		25,000	780,000,000	45,000	51,000	56,000	3,900	800	3,500	610,000	< 260	260	U	130				
Benzyl Alcohol	100-51-6	ug/Kg									130,000	1,100,000	< 380	380	U	380				
Benzyl butyl phthalate	85-68-7	ug/Kg		230,000		1,200,000	290,000				2,900,000	10,000,000	< 260	260	U	97				
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg					190,000				2,600		< 260	260	U	100				
Bis(2-chloroethyl)ether	111-44-4	ug/Kg		200		400	630				4.5	17	< 75	75	U	75				
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg		1,200,000		35,000	39,000				130,000	130,000	< 260	260	U	220				
Caprolactam	105-60-2	ug/Kg		12,000	290,000		32,000,000						< 260	260	U	260				
Carbazole	86-74-8	ug/Kg		200		24,000					21,000	83,000	< 190	190	U	150				
Chrysene	218-01-9	ug/Kg		80,000		450,000	510,000	56,000	3,900	1,000	35,000	230,000	< 260	260	U	130				
Dibenz(a,h)anthracene	53-70-3	ug/Kg		800	7,800,000	500	510	560	330	330	1,000	11,000	< 150	150	U	120				
Dibenzofuran	132-64-9	ug/Kg						350,000	59,000	7,000	90,000		< 260	260	U	110				
Diethyl phthalate	84-66-2	ug/Kg		88,000		49,000,000	51,000,000				880,000	160,000	< 260	260	U	120				
Dimethylphthalate	131-11-3	ug/Kg											< 260	260	U	120				
Di-n-butylphthalate	84-74-2	ug/Kg		760,000		6,100,000	6,300,000				1,400,000	4,100,000	< 260	260	U	100				
Di-n-octylphthalate	117-84-0	ug/Kg		3,300,000		2,400,000	630,000				2,200,000	10,000,000	< 260	260	U	97				
Fluoranthene	206-44-0	ug/Kg		1,300,000		2,300,000	2,400,000	500,000	100,000	100,000	3,200,000	3,200,000	< 260	260	U	120				
Fluorene	86-73-7	ug/Kg		170,000		2,300,000	2,400,000	500,000	100,000	30,000	2,800,000	3,800,000	< 260	260	U	120				
Hexachlorobenzene	118-74-1	ug/Kg		200		300	430	6,000	1,200	330	960	960	< 150	150	U	110				
Hexachlorobutadiene	87-68-3	ug/Kg		900		6,000	8,900				10,000	1,200	< 260	260	U	140				
Hexachlorocyclopentadiene	77-47-4	ug/Kg		320,000	2,700	45,000	470,000				91,000	91,000	< 260	260	U	120				
Hexachloroethane	67-72-1	ug/Kg		200		12,000	17,000				560	560	< 150	150	U	110				
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg		7,000	78,000,000	5,000	5,100	5,600	500	500	3,500	110,000	< 260	260	U	130				
Isophorone	78-59-1	ug/Kg		200		510,000	570,000				1,900	1,900	< 150	150	U	110				
Naphthalene	91-20-3	ug/Kg		25,000	5,700	6,000	2,500,000	500,000	100,000	12,000	13,000	25,000	< 260	260	U	110				
Nitrobenzene	98-95-3	ug/Kg		200	7,500	5,000	160,000				52	2,200	< 75	75	U	75				
N-Nitrosodimethylamine	62-75-9	ug/Kg		700		700					0.019	0.17	< 75	75	U	75				
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg		200		200	170				0.35	5.1	< 75	75	U	75				
N-Nitrosodiphenylamine	86-30-6	ug/Kg		400		99,000	110,000				3,000	83,000	< 150	150	U	140				
Pentachlorophenol	87-86-5	ug/Kg		300		900	1,000	6,700	6,700	800	5,000	5,000	< 260	260	U	140				
Phenanthrene	85-01-8	ug/Kg						500,000	100,000	100,000	10,000,000	10,000,000	< 150	150	U	110				
Phenol	108-95-2	ug/Kg		8,000	39,000,000	18,000,000	19,000,000	500,000	100,000	330	33,000	66,000	< 260	260	U	120				
Pyrene	129-00-0	ug/Kg		840,000		1,700,000	1,800,000	500,000	100,000	100,000	2,200,000	2,200,000	140	260	J	130				
Pesticides - Soil By SW8081B																				
4,4' -DDD	72-54-8	ug/Kg		4,000		3,000	2,300	92,000	13,000	3.3	30,000	30,000	< 2.3	2.3	U	2.3				
4,4' -DDE	72-55-9	ug/Kg		18,000		2,000	2,000	62,000	8,900	3.3	41,000	170,000	< 2.3	2.3	U	2.3				
4,4' -DDT	50-29-3	ug/Kg		11,000		2,000	1,900	47,000	7,900	3.3	55,000	230,000	12	2.3		2.3				
a-BHC	319-84-6	ug/Kg		2		100	86	3,400	480	20	46	190	< 1.5	1.5	U	1.5				
a-Chlordane	5103-71-9	ug/Kg						24,000	4,200	94			7.6	3.8		3.8				
Alachlor	15972-60-8	ug/Kg									77	77	< 3.8	3.8	U	3.8				
Aldrin	309-00-2	ug/Kg		200		40	41	680	97	5	460	440	< 3.8	3.8	U	3.8				
b-BHC	319-85-7	ug/Kg		2		400	300	3,000	360	36	210	820	< 2.0	2.0	U	2.0				
Chlordane	57-74-9	ug/Kg		50		200	270				49,000	49,000	73	38		38				
d-BHC	319-86-8	ug/Kg						500,000	100,000	40		30,000	< 7.6	7.6	U	7.6				
Dieldrin	60-57-1	ug/Kg		3		40	34	1,400	200	5	110	440	< 1.5	1.5	U	1.5				
Endosulfan I	959-98-8	ug/Kg						200,000	24,000	2,400	110,000	260,000	< 7.6	7.6	U	7.6				
Endosulfan II	33213-65-9	ug/Kg						200,000	24,000	2,400	120,000	260,000	< 7.6	7.6	U	7.6				
Endosulfan sulfate	1031-07-8	ug/Kg		2,000		470,000		200,000	24,000	2,400	70,000	70,000	< 7.6	7.6	U	7.6				
Endrin	72-20-8	ug/Kg		1,000		23,000	19,000	89,000	11,000	14	5,500	5,500	< 7.6	7.6	U	7.6				
Endrin aldehyde	7421-93-4	ug/Kg											< 7.6	7.6	U	7.6				
Endrin ketone	53494-70-5	ug/Kg											< 7.6	7.6	U	7.6				
g-BHC	58-89-9	ug/Kg		2		400	570	9,200	1,300	100	72	72	< 1.5	1.5	U	1.5				
g-Chlordane	5103-74-2	ug/Kg											13	3.8		3.8				
Heptachlor	76-44-8	ug/Kg		500		100	150	15,000	2,100	42	680	680	< 7.6	7.6	U	7.6				
Heptachlor epoxide	1024-57-3	ug/Kg		10		70	76				1,100	1,100	< 7.6	7.6	U	7.6				
Methoxychlor	72-43-5	ug/Kg		160,000		390,000	320,000				630,000	630,000	< 38	38	U	38				
Toxaphene	8001-35-2	ug/Kg		300		600	490				1,200	1,200	< 150	150	U	150				
NJ EPH Category 2 By NJEPH 10-08 R3																				
Total EPH (C9-C40)	PHNX - C9-C40	mg/kg											< 56	56	U	56				
Chlorinated Herbicides By SW8151A																				
2,4,5-T	93-76-5	ug/Kg									1,500	1,500	< 140	140	U	140				
2,4,5-TP (Silvex)	93-72-1	ug/Kg						500,000	100,000	3,800	22,000	22,000	< 140	140	U	140				
2,4-D	94-75-7	ug/Kg									1,800	1,800	< 280	280	U	280				
2,4-DB	94-82-6	ug/Kg											< 2800	2,800	U	2800				
Dalapon	75-99-0	ug/Kg									5,300	5,300	< 140	140	U	140				
Dicamba	1918-00-9	ug/Kg									45,000		< 140	140	U	140				
Dichloroprop	120-36-5	ug/Kg											< 280	280	U	280				
Dinoseb	88-85-7	ug/Kg									290	290	< 280	280	U	280				
1,4-dioxane By SW8260C																				
1,4-dioxane	123-91-1	ug/kg			45,000		7,000	130,000	13,000	100	85	310					< 68	68	U	36

Qualifiers

U	The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
Q	For TICS, this compound was quantitated using a calibration curve.
(*)	See report for comment.

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 3b
Post Hydraulic Lift Removal Stockpile Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Collection Date												12/7/2022				12/7/2022			
	Client Id												HL-SP1-COMP				HL-SP1-GRAB			
	Matrix												Soil				Soil			
Project Id : 60 MCLEAN AVE YONKERS NY																				
PO # : 15514	CAS	Units	EPA Toxicity Characteristics	NJ-IGW Soil Scrn	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																				
Percent Solid	PHNX - PCTSOLID	%											90				88			
Aniline	62-53-3	ug/Kg									120	340	< 120	120	U	120				
Benzoic Acid	65-85-0	ug/Kg									2,700,000	7,800,000	< 360	360	U	250				
Corrosivity	PHNX - CORROSIVITY	Pos/Neg											Negative		U					
Flash Point	PHNX - FLASH POINT	Degree F											>200	200		200				
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg						400	110	1	37	190	< 0.39	0.39	U	0.39				
Ignitability	PHNX - IGNITABILITY	degree F											Passed	140	U	140				
Parathion	56-38-2	ug/Kg									590	360,000	< 360	360	U	150				
pH at 25C - Soil	PHNX - PH	pH Units											7.93	1.00		1.00				
Reactivity Cyanide	PHNX - REACT CYANIDE	mg/Kg											< 5	5	U	0.27				
Reactivity Sulfide	PHNX - REACT SULFIDE	mg/Kg											< 20	20	U	20				
Reactivity	PHNX - REACTIVITY	Pos/Neg											Negative		U					
Redox Potential	PHNX - REDOX	mV											271							
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg		20		47	47	27	27	27	130	200	< 0.31	0.31	U	0.154				
Vinyl Acetate	108-05-4	ug/Kg									5,000	14,000					< 46	46	U	46
Metals, Total																				
Aluminum	7429-90-5	mg/Kg		6,000		78,000	78,000				190,000	190,000	16,600	38		7.5				
Antimony	7440-36-0	mg/Kg		6		31	31				27	27	< 3.8	3.8	U	3.8				
Arsenic	7440-38-2	mg/Kg		19	1,100	19	19	16	16	13	12	53	1.95	0.75		0.75				
Barium	7440-39-3	mg/Kg		2,100	870,000	16,000	16,000	400	400	350	8,200	8,200	340	0.8		0.38				
Beryllium	7440-41-7	mg/Kg		0.7	2,000	16	160	590	72	7.2	320	320	0.52	0.30		0.15				
Cadmium	7440-43-9	mg/Kg		2	2,600	78	71	9.3	4.3	2.5	38	38	1.71	0.38		0.38				
Calcium	7440-70-2	mg/Kg											10,100	3.8		3.5				
Chromium	7440-47-3	mg/Kg											73.5	0.38		0.38				
Cobalt	7440-48-4	mg/Kg		90	520	1,600	23				45	22	18.2	0.38		0.38				
Copper	7440-50-8	mg/kg		11,000		3,100	3,100	270	270	50	7,200	36,000	57.1	0.8		0.38				
Iron	7439-89-6	mg/Kg									150,000	190,000	31,300	38		38				
Lead	7439-92-1	mg/Kg		90		400	400	1,000	400	63	450	450	51.2	0.8		0.38				
Magnesium	7439-95-4	mg/Kg											9,850	38		38				
Manganese	7439-96-5	mg/Kg		65	87,000	11,000	1,900	10,000	2,000	1,600	2,000	190,000	360	3.8		3.8				
Mercury	7439-97-6	mg/Kg		0.1	520,000	23	23	2.8	0.81	0.18	10	10	0.25	0.03		0.02				
Nickel	7440-02-0	mg/Kg		48	20,000	1,600	1,600	310	310	30	650	650	37	0.38		0.38				
Potassium	9/7/7440	mg/Kg											5,780	75		29				
Selenium	7782-49-2	mg/Kg		11		390	390	1,500	180	3.9	26	26	< 1.5	1.5	U	1.3				
Silver	7440-22-4	mg/Kg		1		390	390	1,500	180	2	84	84	< 0.38	0.38	U	0.38				
Sodium	7440-23-5	mg/Kg											654	75		32				
Thallium	7440-28-0	mg/Kg		3							2.2	14	< 1.5	1.5	U	1.5				
Trivalent Chromium	16065-83-1	mg/kg						1,500	180	30	190,000	190,000	73.5	0.38		0.38				
Vanadium	7440-62-2	mg/Kg			170,000	78	390				99.86	72,000	50.2	0.38		0.38				
Zinc	7440-66-6	mg/Kg		930		23,000	23,000	10,000	10,000	109	12,000	12,000	83.1	0.8		0.38				
Metals, TCLP																				
TCLP Arsenic	7440-38-2	mg/L	5										< 0.10	0.10	U	0.040				
TCLP Barium	7440-39-3	mg/L	100										0.68	0.10		0.010				
TCLP Cadmium	7440-43-9	mg/L	1										0.006	0.050	J	0.0050				
TCLP Chromium	7440-47-3	mg/L	5										< 0.10	0.10	U	0.010				
TCLP Lead	7439-92-1	mg/L	5										0.11	0.10		0.010				
TCLP Mercury	7439-97-6	mg/L	0.2										< 0.0002	0.0002	U	0.00015				
TCLP Selenium	7782-49-2	mg/L	1										< 0.10	0.10	U	0.10				
TCLP Silver	7440-22-4	mg/L	5										< 0.10	0.10	U	0.010				
TPH By SW-846 8015																				
Diesel Range Organics (C10-C28)	PHNX - DRO	mg/Kg											390	55		55				
PCBs By SW8082A																				
PCB-1016	12674-11-2	ug/Kg		200				1,000		100	15,000	200,000	< 72	72	U	72				
PCB-1221	11104-28-2	ug/Kg		200				1,000		100	160	2,500	< 72	72	U	72				
PCB-1232	11141-16-5	ug/Kg		200				1,000		100	130	2,000	< 72	72	U	72				
PCB-1242	53469-21-9	ug/Kg		200		200		1,000		100	4,000	62,000	< 72	72	U	72				
PCB-1248	12672-29-6	ug/Kg		200		200		1,000		100	9,300	44,000	< 72	72	U	72				
PCB-1254	11097-69-1	ug/Kg		200		200		1,000		100	4,400	44,000	< 72	72	U	72				
PCB-1260	11096-82-5	ug/Kg		200		200		1,000		100	9,300	130,000	330	72		72				
PCB-1262	37324-23-5	ug/Kg		200						100			< 72	72	U	72				
PCB-1268	11100-14-4	ug/Kg		200						100			< 72	72	U	72				
Volatiles By SW8260C																				
1,2,4-Trimethylbenzene	95-63-6	ug/Kg					780,000	190,000	52,000	3,600	73,000	20,000					< 4.6	4.6	U	0.46
1,3,5-Trimethylbenzene	108-67-8	ug/Kg						190,000	52,000	8,400	23,000	6,200					< 4.6	4.6	U	0.46
1,3-Dichlorobenzene	541-73-1	ug/Kg		19,000		5,300,000	6,700,000	280,000	49,000	2,400	61,000	61,000					< 4.6	4.6	U	0.46
Naphthalene	91-20-3	ug/Kg		25,000	5,700	6,000	2,500,000	500,000	100,000	12,000	13,000	25,000					< 4.6	4.6	U	0.92
n-Butylbenzene	104-51-8	ug/Kg						500,000	100,000	12,000	1,100,000	2,600,000					< 4.6	4.6	U	0.46
n-Propylbenzene	103-65-1	ug/Kg						500,000	100,000	3,900	400,000	780,000					< 4.6	4.6	U	0.92
p-Isopropyltoluene	99-87-6	ug/Kg															< 4.6	4.6	U	0.46
sec-Butylbenzene	135-98-8	ug/Kg						500,000	100,000	11,000	820,000	960,000					< 4.6	4.6	U	0.46
tert-Butylbenzene	98-06-6	ug/Kg						500,000	100,000	5,900	630,000	740,000					< 4.6	4.6	U	0.46
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg									18,000	18,000					< 4.6	4.6	U	0.92
1,1,1-Trichloroethane	71-55-6	ug/Kg		300		22,000,000	160,000,000	500,000	100,000	680	7,200	7,200					< 4.6	4.6	U	0.46
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg		7		1,000	3,500				26	9.3					< 4.6	4.6	U	0.92
1,1,2-Trichloroethane	79-00-5	ug/Kg		20		2,000	12,000				150	150					< 4.6	4.6	U	0.92
1,1-Dichloroethane	75-34-3	ug/Kg		200		8,000	120,000	240,000	26,000	270	750	2,700					< 4.6	4.6	U	0.92
1,1-Dichloroethene	75-35-4	ug/Kg		8	52,000	11,000	11,000	500,000	100,000	330	190	190					< 4.6	4.6	U	0.46
1,2,3-Trichlorobenzene	87-61-6	ug/Kg															< 4.6	4.6	U	0.92
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		700	94,000	73,000	780,000				27,000	27,000					< 4.6	4.6	U	0.92
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg		5	26	80	870				9.2	9.2					< 4.6	4.6	U	0.92
1,2-Dibromoethane	106-93-4	ug/Kg		5	85	8	350				1.2	1.2					< 1.2	1.2	U	0.46
1,2-Dichlorobenzene	95-50-1	ug/Kg		17,000		5,300,000	6,700,000	500,000	100,000	1,100	59,000	59,000					< 4.6	4.6	U	0.46
1,2-Dichloroethane	107-06-2	ug/Kg		5	71,000	900	5,800	30,000	3,100	20	100	100					< 4.6	4.6	U	0.46
1,2-Dichloropropane	78-87-5	ug/Kg		5	5,700	2,000	19,000				110	110					< 4.6	4.6	U	0.92
1,4-Dichlorobenzene	106-46-7	ug/Kg		2,000		5,000	780,000	130,000	13,000	1,800	10,000	10,000					< 4.6	4.6	U	0.46
2-Hexanone	591-78-6	ug/Kg			1,000,000		390,000				1,600						< 23	23	U	4.6
4-Methyl-2-pentanone	108-10-1	ug/Kg									43,000	6,300					< 23	23	U	4.6
Acetone	67-64-1	ug/Kg		19,000		70,000,000	70,000,000	500,000	100,000	50	350,000	110,000					11	46	JS	4.6
Acrolein	107-02-8	ug/Kg		500		500					0.47	1.4					< 2.3	2.3	U	2.3
Acrylonitrile	107-13-1	ug/Kg		500		900					10	37					< 9.2	9.2	U	0.46
Benzene	71-43-2	ug/Kg		5	2,200	2,000	3,000	44,000	4,800	60	130	130					< 4.6	4.6	U	0.46
Bromochloromethane	74-97-5	ug/Kg									1,600	1,600					< 4.6	4.6	U	0.46
Bromodichloromethane	75-27-4	ug/Kg		5		1,000	11,000				2,700	3,400					< 4.6	4.6	U	0.92
Bromoform	75-25-2	ug/Kg		30		81,000	88,000				3,500	4,400					< 4.6	4.6	U	0.92
Bromomethane	74-83-9	ug/Kg		40	18,000	25,000	110,000				540	540					< 4.6	4.6	U	1.8
Carbon Disulfide	75-15-0	ug/Kg		6,000		7,800,000					130,000	350,000					< 4.6	4.6	U	0.92
Carbon tetrachloride	56-23-5	ug/Kg		5	1,400	2,000	7,600	22,000	2,400	760	260	260					< 4.6	4.6	U	0.92
Chlorobenzene	108-90-7	ug/Kg		600		510,000	510,000	500,000	100,000	1,100	6,100	6,100					< 4.6	4.6	U	0.46
Chloroethane	75-00-3	ug/Kg				220,000					450,000	19,000					< 4.6	4.6	U	0.46
Chloroform	67-66-3	ug/Kg		400	590,000	600	780,000	350,000	49,000	370	2,000	2,500					< 4.6	4.6	U	0.46
Chloromethane	74-87-3	ug/Kg			270,000	4,000					380	38					< 4.6	4.6	U	0.92
cis-1,2-Dichloroethene	156-59-2	ug/Kg		300		230,000	780,000	500,000	100,000	250	1,600	1,600					< 4.6	4.6	U	0.46
cis-1,3-Dichloropropene	10061-01-5	ug/Kg		5													< 4.6	4.6	U	0.46
Cyclohexane	110-82-7	ug/Kg									1,700,000						< 4.6	4.6	U	0.92
Dibromochloromethane	124-48-1	ug/Kg		5		3,000	8,300				2,500	3,200					< 4.6	4.6	U	0.92
Dichlorodifluoromethane	75-71-8	ug/Kg		39,000		490,000	16,000,000				100,000	100,000					< 4.6	4.6	U	0.46
Ethylbenzene	100-41-4	ug/Kg		13,000	10,000	7,800,000	7,800,000	390,000	41,000	1,000	46,000	46,000					< 4.6	4.6	U	0.46
Isopropylbenzene	98-82-8	ug/Kg					7,800,000				600,000	1,600,000					< 4.6	4.6	U	0.46
m&p-Xylene	179601-23-1	ug/Kg															< 4.6	4.6	U	0.92
Methyl ethyl ketone	78-93-3	ug/Kg		900		3,100,000	47,000,000	500,000	100,000	120	76,000	110,000					< 28	28	U	4.6
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg		200	140,000	110,000	780,000	500,000	100,000	930	280	280					< 9.2	9.2	U	0.92
Methylacetate	79-20-9	ug/Kg		22,000		78,000,000	78,000,000				650,000	1,900,000					13	9.2		9.2
Methylcyclohexane	108-87-2	ug/Kg															< 4.6	4.6	U	0.92
Methylene chloride	75-09-2	ug/Kg		10	1,400,000	46,000	50,000	500,000	100,000	50	76	76					< 4.6	4.6	U	4.6
o-Xylene	95-47-6	ug/Kg															< 4.6	4.6	U	0.92
Styrene	100-42-5	ug/Kg		3,000		90,000	16,000,000				24,000	24,000					< 4.6	4.6	U	0.46
tert-butyl alcohol	75-65-0	ug/Kg		300		1,400,000	1,400,000										< 92	92	U	18
Tetrachloroethene	127-18-4	ug/Kg		5	47,000	43,000	330,000	150,000	19,000	1,300	430	430					< 4.6	4.6	U	0.92
Toluene	108-88-3	ug/Kg		7,000		6,300,000	6,300,000	500,000	100,000	700	44,000	44,000					< 4.6	4.6	U	0.46
Total Xylenes	1330-20-7	ug/Kg		19,000		12,000,000	12,000,000		100,000	260	990,000	990,000					< 4.6	4.6	U	4.6
trans-1,2-Dichloroethene	156-60-5	ug/Kg		600		300,000	1,300,000	500,000	100,000	190	2,300	2,300					< 4.6	4.6	U	0.46
trans-1,3-Dichloropropene	10061-02-6	ug/Kg		5													< 4.6	4.6	U	0.46
Trichloroethene	79-01-6	ug/Kg		10	3,000	3,000	15,000	200,000	21,000	470	170	170					< 4.6	4.6	U	0.46
Trichlorofluoromethane	75-69-4	ug/Kg		34,000		23,000,000	23,000,000				87,000	87,000					< 4.6	4.6	U	0.92
Trichlorotrifluoroethane	76-13-1	ug/Kg									3,400,000	53,000,000					< 4.6	4.6	U	0.46
Vinyl chloride	75-01-4	ug/Kg		5	1,400	700	970	13,000	900	20	27	27					< 4.6	4.6	U	0.46
Semivolatiles By SW8270D																				
1,1-Biphenyl	92-52-4	ug/Kg		140,000		61,000	87,000				370	2,200,000	< 250	250	U	110				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg					23,000				4,600	14,000	< 250	250	U	130				
1,2-Diphenylhydrazine	122-66-7	ug/Kg		700		700					39	580	< 73	73	U	73				
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg		5,000		23,000	3,100,000				8,000	8,000	< 250	250	U	100				
2,3,4,6-tetrachlorophenol	58-90-2	ug/Kg					1,900,000				1,600,000	950,000	< 250	250	U	170				
2,4,5-Trichlorophenol	95-95-4	ug/Kg		68,000		6,100,000	6,300,000				2,100,000	6,100,000	< 250	250	U	200				
2,4,6-Trichlorophenol	88-06-2	ug/Kg		200		19,000	49,000				10,000	8,900	< 150	150	U	120				
2,4-Dichlorophenol	120-83-2	ug/Kg		200		180,000	190,000				1,000	1,000	< 150	150	U	130				
2,4-Dimethylphenol	105-67-9	ug/Kg		1,000		1,200,000	1,300,000				30,000	87,000	< 250	250	U	90				
2,4-Dinitrophenol	51-28-5	ug/Kg		300		120,000	130,000				780	460	< 250	250	U	250				
2,4-Dinitrotoluene	121-14-2	ug/Kg		200		700					50	200	< 73	73	U	73				
2,6-Dinitrotoluene	606-20-2	ug/Kg		200		700					13	3,000	< 73	73	U	73				
2-Chloronaphthalene	91-58-7	ug/Kg					4,800,000				6,000,000	18,000,000	< 250	250	U	100				
2-Chlorophenol	95-57-8	ug/Kg		800		310,000	390,000				4,400	4,400	< 250	250	U	100				
2-Methylnaphthalene	91-57-6	ug/Kg		8,000		230,000	240,000				25,000	8,000,000	< 250	250	U	110				
2-Methylphenol (o-cresol)	95-48-7	ug/Kg				310,000	320,000	500,000	100,000	330	28,000	180,000	< 250	250	U	170				
2-Nitroaniline	88-74-4	ug/Kg		0		39,000					2	100	< 73	73	U	73				
2-Nitrophenol	88-75-5	ug/Kg									5,700	17,000	< 250	250	U	230				
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg											< 250	250	U	140				
3,3'-Dichlorobenzidine	91-94-1	ug/Kg		200		1,000	1,200				7,700	32,000	< 150	150	U	150				
3-Nitroaniline	99-09-2	ug/Kg										91	< 91	91	U	91				
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg		300		6,000					210		< 210	210	U	210				
4-Bromophenyl phenyl ether	101-55-3	ug/Kg											< 250	250	U	110				
4-Chloro-3-methylphenol	59-50-7	ug/Kg									720,000	110,000	< 250	250	U	130				
4-Chloroaniline	106-47-8	ug/Kg					2,700				420	52,000	< 420	420	U	170				
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg											< 250	250	U	120				
4-Nitroaniline	100-01-6	ug/Kg					27,000				490	86	< 86	86	U	86				
4-Nitrophenol	100-02-7	ug/Kg									4,100	4,100	< 360	360	U	160				
Acenaphthene	83-32-9	ug/Kg		110,000		3,400,000	3,600,000	500,000	100,000	20,000	2,600,000	4,700,000	< 250	250	U	110				
Acenaphthylene	208-96-8	ug/Kg						500,000	100,000	100,000	2,400,000	6,900,000	< 150	150	U	100				

Table 3b
Post Hydraulic Lift Removal Stockpile Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Collection Date											12/7/2022				12/7/2022			
	Client Id											HL-SP1-COMP				HL-SP1-GRAB			
	Matrix											Soil				Soil			
Project Id : 60 MCLEAN AVE YONKERS NY																			
PO # : 15514	CAS	Units	EPA Toxicity Characteristics	NJ-IGW Soil Scrn	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Acetophenone	98-86-2	ug/Kg		3,000		2,000	7,800,000				190,000	540,000	< 250	250	U	110				
Anthracene	120-12-7	ug/Kg		2,400,000		17,000,000	18,000,000	500,000	100,000	100,000	350,000	350,000	< 250	250	U	120				
Atrazine	1912-24-9	ug/Kg		200		210,000	220,000				130	130	< 130	130	U	110				
Benz(a)anthracene	56-55-3	ug/Kg		800	78,000,000	5,000	5,100	5,600	1,000	1,000	6,100	110,000	< 250	250	U	120				
Benzaldehyde	100-52-7	ug/Kg					170,000						< 250	250	U	110				
Benzidine	92-87-5	ug/Kg		700		700					18	340	< 150	150	U	150				
Benzo(a)pyrene	50-32-8	ug/Kg		200	3,500,000	500	510	1,000	1,000	1,000	4,200	11,000	< 150	150	U	120				
Benzo(b)fluoranthene	205-99-2	ug/Kg		2,000	78,000,000	5,000	5,100	5,600	1,000	1,000	3,500	110,000	< 250	250	U	120				
Benzo(ghi)perylene	191-24-2	ug/Kg				380,000,000		500,000	100,000	100,000	180,000	180,000	< 250	250	U	120				
Benzo(k)fluoranthene	207-08-9	ug/Kg		25,000	780,000,000	45,000	51,000	56,000	3,900	800	3,500	610,000	< 250	250	U	120				
Benzyl Alcohol	100-51-6	ug/Kg									130,000	1,100,000	< 360	360	U	360				
Benzyl butyl phthalate	85-68-7	ug/Kg		230,000		1,200,000	290,000				2,900,000	10,000,000	< 250	250	U	94				
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg					190,000				2,600		< 250	250	U	100				
Bis(2-chloroethyl)ether	111-44-4	ug/Kg		200		400	630				4.5	17	< 73	73	U	73				
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg		1,200,000		35,000	39,000				130,000	130,000	24,000	2,500		1000				
Caprolactam	105-60-2	ug/Kg		12,000	290,000		32,000,000						< 250	250	U	250				
Carbazole	86-74-8	ug/Kg		200		24,000					21,000	83,000	< 180	180	U	150				
Chrysene	218-01-9	ug/Kg		80,000		450,000	510,000	56,000	3,900	1,000	35,000	230,000	< 250	250	U	120				
Dibenz(a,h)anthracene	53-70-3	ug/Kg		800	7,800,000	500	510	560	330	330	1,000	11,000	< 150	150	U	120				
Dibenzofuran	132-64-9	ug/Kg						350,000	59,000	7,000	90,000		< 250	250	U	110				
Diethyl phthalate	84-66-2	ug/Kg		88,000		49,000,000	51,000,000				880,000	160,000	< 250	250	U	110				
Dimethylphthalate	131-11-3	ug/Kg											< 250	250	U	110				
Di-n-butylphthalate	84-74-2	ug/Kg		760,000		6,100,000	6,300,000				1,400,000	4,100,000	< 250	250	U	97				
Di-n-octylphthalate	117-84-0	ug/Kg		3,300,000		2,400,000	630,000				2,200,000	10,000,000	110	250	J	94				
Fluoranthene	206-44-0	ug/Kg		1,300,000		2,300,000	2,400,000	500,000	100,000	100,000	3,200,000	3,200,000	< 250	250	U	120				
Fluorene	86-73-7	ug/Kg		170,000		2,300,000	2,400,000	500,000	100,000	30,000	2,800,000	3,800,000	< 250	250	U	120				
Hexachlorobenzene	118-74-1	ug/Kg		200		300	430	6,000	1,200	330	960	960	< 150	150	U	110				
Hexachlorobutadiene	87-68-3	ug/Kg		900		6,000	8,900				10,000	1,200	< 250	250	U	130				
Hexachlorocyclopentadiene	77-47-4	ug/Kg		320,000	2,700	45,000	470,000				91,000	91,000	< 250	250	U	110				
Hexachloroethane	67-72-1	ug/Kg		200		12,000	17,000				560	560	< 150	150	U	110				
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg		7,000	78,000,000	5,000	5,100	5,600	500	500	3,500	110,000	< 250	250	U	120				
Isophorone	78-59-1	ug/Kg		200		510,000	570,000				1,900	1,900	< 150	150	U	100				
Naphthalene	91-20-3	ug/Kg		25,000	5,700	6,000	2,500,000	500,000	100,000	12,000	13,000	25,000	< 250	250	U	100				
Nitrobenzene	98-95-3	ug/Kg		200	7,500	5,000	160,000				52	2,200	< 73	73	U	73				
N-Nitrosodimethylamine	62-75-9	ug/Kg		700		700					0.019	0.17	< 73	73	U	73				
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg		200		200	170				0.35	5.1	< 73	73	U	73				
N-Nitrosodiphenylamine	86-30-6	ug/Kg		400		99,000	110,000				3,000	83,000	< 150	150	U	140				
Pentachlorophenol	87-86-5	ug/Kg		300		900	1,000	6,700	6,700	800	5,000	5,000	< 250	250	U	140				
Phenanthrene	85-01-8	ug/Kg						500,000	100,000	100,000	10,000,000	10,000,000	< 150	150	U	100				
Phenol	108-95-2	ug/Kg		8,000	39,000,000	18,000,000	19,000,000	500,000	100,000	330	33,000	66,000	< 250	250	U	120				
Pyrene	129-00-0	ug/Kg		840,000		1,700,000	1,800,000	500,000	100,000	100,000	2,200,000	2,200,000	130	250	J	130				
Pesticides - Soil By SW8081B																				
4,4' -DDD	72-54-8	ug/Kg		4,000		3,000	2,300	92,000	13,000	3.3	30,000	30,000	< 2.2	2.2	U	2.2				
4,4' -DDE	72-55-9	ug/Kg		18,000		2,000	2,000	62,000	8,900	3.3	41,000	170,000	5.4	2.2		2.2				
4,4' -DDT	50-29-3	ug/Kg		11,000		2,000	1,900	47,000	7,900	3.3	55,000	230,000	< 2.2	2.2	U	2.2				
a-BHC	319-84-6	ug/Kg		2		100	86	3,400	480	20	46	190	< 1.4	1.4	U	1.4				
a-Chlordane	5103-71-9	ug/Kg						24,000	4,200	94			39	3.6		3.6				
Alachlor	15972-60-8	ug/Kg									77	77	< 3.6	3.6	U	3.6				
Aldrin	309-00-2	ug/Kg		200		40	41	680	97	5	460	440	< 3.6	3.6	U	3.6				
b-BHC	319-85-7	ug/Kg		2		400	300	3,000	360	36	210	820	< 1.4	1.4	U	1.4				
Chlordane	57-74-9	ug/Kg		50		200	270				49,000	49,000	170	36		36				
d-BHC	319-86-8	ug/Kg						500,000	100,000	40		30,000	< 7.2	7.2	U	7.2				
Dieldrin	60-57-1	ug/Kg		3		40	34	1,400	200	5	110	440	3.2	1.4		1.4				
Endosulfan I	959-98-8	ug/Kg						200,000	24,000	2,400	110,000	260,000	< 7.2	7.2	U	7.2				
Endosulfan II	33213-65-9	ug/Kg						200,000	24,000	2,400	120,000	260,000	< 7.2	7.2	U	7.2				
Endosulfan sulfate	1031-07-8	ug/Kg		2,000		470,000		200,000	24,000	2,400	70,000	70,000	< 7.2	7.2	U	7.2				
Endrin	72-20-8	ug/Kg		1,000		23,000	19,000	89,000	11,000	14	5,500	5,500	< 7.2	7.2	U	7.2				
Endrin aldehyde	7421-93-4	ug/Kg											< 7.2	7.2	U	7.2				
Endrin ketone	53494-70-5	ug/Kg											< 7.2	7.2	U	7.2				
g-BHC	58-89-9	ug/Kg		2		400	570	9,200	1,300	100	72	72	< 1.4	1.4	U	1.4				
g-Chlordane	5103-74-2	ug/Kg											37	3.6		3.6				
Heptachlor	76-44-8	ug/Kg		500		100	150	15,000	2,100	42	680	680	< 7.2	7.2	U	7.2				
Heptachlor epoxide	1024-57-3	ug/Kg		10		70	76				1,100	1,100	< 7.2	7.2	U	7.2				
Methoxychlor	72-43-5	ug/Kg		160,000		390,000	320,000				630,000	630,000	< 36	36	U	36				
Toxaphene	8001-35-2	ug/Kg		300		600	490				1,200	1,200	< 140	140	U	140				
NJ EPH Category 2 By NJEPH 10-08 R3																				
Total EPH (C9-C40)	PHNX - C9-C40	mg/kg											1,000	55		55				
Chlorinated Herbicides By SW8151A																				
2,4,5-T	93-76-5	ug/Kg									1,500	1,500	< 140	140	U	140				
2,4,5-TP (Silvex)	93-72-1	ug/Kg						500,000	100,000	3,800	22,000	22,000	< 140	140	U	140				
2,4-D	94-75-7	ug/Kg									1,800	1,800	< 280	280	U	280				
2,4-DB	94-82-6	ug/Kg											< 2800	2,800	U	2800				
Dalapon	75-99-0	ug/Kg									5,300	5,300	< 140	140	U	140				
Dicamba	1918-00-9	ug/Kg									45,000		< 140	140	U	140				
Dichloroprop	120-36-5	ug/Kg											< 280	280	U	280				
Dinoseb	88-85-7	ug/Kg									290	290	< 280	280	U	280				
1,4-dioxane By SW8260C																				
1,4-dioxane	123-91-1	ug/kg			45,000		7,000	130,000	13,000	100	85	310					< 69	69	U	37

Qualifiers

U	The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
Q	For TICS, this compound was quantitated using a calibration curve.
(*)	See report for comment.

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 3c
Hydraulic Fluid Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Collection Date			12/20/2022			
	Client Id			HL-ELEV			
	Matrix			Sludge			
Project Id : 60 MCLEAN AVE YONKERS NY							
	CAS	Units	NJ-IGW Soil Scrn	Result	RL	Qual	MDL
Miscellaneous/Inorganics							
Total Solids @ 104C	PHNX - TOTSOLIDS	%		29.4	0.1		
PCBs By SW8082A							
PCB-1016	12674-11-2	ug/Kg	200	< 1500	1,500	U	1500
PCB-1221	11104-28-2	ug/Kg	200	< 1500	1,500	U	1500
PCB-1232	11141-16-5	ug/Kg	200	< 1500	1,500	U	1500
PCB-1242	53469-21-9	ug/Kg	200	< 1500	1,500	U	1500
PCB-1248	12672-29-6	ug/Kg	200	*	1,500	*	1500
PCB-1254	11097-69-1	ug/Kg	200	*	1,500	*	1500
PCB-1260	11096-82-5	ug/Kg	200	8,800	1,500	*	1500
PCB-1262	37324-23-5	ug/Kg	200	< 1500	1,500	U	1500
PCB-1268	11100-14-4	ug/Kg	200	< 1500	1,500	U	1500

Qualifiers

U	The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
Q	For TICS, this compound was quantitated using a calibration curve.
(*)	See report for comment.

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 3d
First Floor Stockpile Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

Project : 60 MCLEAN AVE YONKERS NY	Lab Sample Id		NJ-Soil Migration GW	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	CO09670		CO09671	
	Collection Date										5/17/2023		5/17/2023	
	Client Id										FFSP-1-GRAB		FFSP-1-COMP	
	Matrix										Soil		Soil	
	CAS	Units									Result	RL	Result	RL
Miscellaneous/Inorganics														
Percent Solid	PHNX - PCTSOLID	%											**91**	
Aniline	62-53-3	ug/Kg							120	340			< 120	120
Benzoic Acid	65-85-0	ug/Kg							2,700,000	7,800,000			< 360	360
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg					400	1	37	190			< 0.42	0.42
Parathion	56-38-2	ug/Kg							590	360,000			< 360	360
pH at 25C - Soil	PHNX - PH	pH Units											**7.8**	1.00
Redox Potential	PHNX - REDOX	mV											**285**	
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	20		47	47	27	27	130	200			< 0.55	0.55
Vinyl Acetate	108-05-4	ug/Kg							5,000	14,000	< 55	55		
Metals, Total														
Aluminum	7429-90-5	mg/Kg			78,000	78,000			190,000	190,000			**9,930**	36
Antimony	7440-36-0	mg/Kg	5.4		31	31			27	27			< 3.6	3.6
Arsenic	7440-38-2	mg/Kg	19	1,100	19	19	16	13	12	53			**1.41**	0.72
Barium	7440-39-3	mg/Kg	2,100	870,000	16,000	16,000	400	350	8,200	8,200			**71.4**	0.7
Beryllium	7440-41-7	mg/Kg	0.7	2,000	16	160	590	7.2	320	320			**0.32**	0.29
Cadmium	7440-43-9	mg/Kg	1.9	2,600	78	71	9.3	2.5	38	38			**0.72**	0.36
Calcium	7440-70-2	mg/Kg											**4,800**	3.6
Chromium	7440-47-3	mg/Kg											**22.4**	0.36
Cobalt	7440-48-4	mg/Kg	90	520	1,600	23			45	22			**7.05**	0.36
Copper	7440-50-8	mg/Kg	910		3,100	3,100	270	50	7,200	36,000			**33.1**	0.7
Iron	7439-89-6	mg/Kg							150,000	190,000			**14,500**	36
Lead	7439-92-1	mg/Kg	90		400	400	1,000	63	450	450			**37.4**	0.7
Magnesium	7439-95-4	mg/Kg											**3,610**	3.6
Manganese	7439-96-5	mg/Kg		87,000	11,000	1,900	10,000	1,600	2,000	190,000			**166**	3.6
Mercury	7439-97-6	mg/Kg	**0.105**	520,000	23	23	2.8	0.18	10	10			**0.18**	0.03
Nickel	7440-02-0	mg/Kg	48	20,000	1,600	1,600	310	30	650	650			**18.6**	0.36
Potassium	9/7/7440	mg/Kg											**1,910**	72
Selenium	7782-49-2	mg/Kg	11		390	390	1,500	3.9	26	26			< 1.4	1.4
Silver	7440-22-4	mg/Kg	0.5		390	390	1,500	2	84	84			< 0.36	0.36
Sodium	7440-23-5	mg/Kg											**263**	7
Thallium	7440-28-0	mg/Kg							2.2	14			< 1.4	1.4
Trivalent Chromium	16065-83-1	mg/Kg					1,500	30	190,000	190,000			**22.4**	0.36
Vanadium	7440-62-2	mg/Kg		170,000	78	390			99.86	72,000			**25**	0.36
Zinc	7440-66-6	mg/Kg	930		23,000	23,000	10,000	109	12,000	12,000			**59.2**	0.7
PCBs By SW8082A														
PCB-1016	12674-11-2	ug/Kg					1,000	100	15,000	200,000			< 71	71
PCB-1221	11104-28-2	ug/Kg					1,000	100	160	2,500			< 71	71
PCB-1232	11141-16-5	ug/Kg					1,000	100	130	2,000			< 71	71
PCB-1242	53469-21-9	ug/Kg			200		1,000	100	4,000	62,000			< 71	71
PCB-1248	12672-29-6	ug/Kg			200		1,000	100	9,300	44,000			< 71	71
PCB-1254	11097-69-1	ug/Kg			200		1,000	100	4,400	44,000			**87**	71
PCB-1260	11096-82-5	ug/Kg			200		1,000	100	9,300	130,000			< 71	71
PCB-1262	37324-23-5	ug/Kg						100					< 71	71
PCB-1268	11100-14-4	ug/Kg						100					< 71	71
Volatiles By SW8260C														
1,2,4-Trimethylbenzene	95-63-6	ug/Kg				780,000	190,000	3,600	73,000	20,000	< 240	240		
1,3,5-Trimethylbenzene	108-67-8	ug/Kg					190,000	8,400	23,000	6,200	< 240	240		
1,3-Dichlorobenzene	541-73-1	ug/Kg	11,000		5,300,000	6,700,000	280,000	2,400	61,000	61,000	< 240	240		
Naphthalene	91-20-3	ug/Kg	19,000	5,700	6,000	2,500,000	500,000	12,000	13,000	25,000	< 240	240		
n-Butylbenzene	104-51-8	ug/Kg					500,000	12,000	1,100,000	2,600,000	< 240	240		
n-Propylbenzene	103-65-1	ug/Kg					500,000	3,900	400,000	780,000	< 240	240		
p-Isopropyltoluene	99-87-6	ug/Kg									< 240	240		
sec-Butylbenzene	135-98-8	ug/Kg					500,000	11,000	820,000	960,000	< 240	240		
tert-Butylbenzene	98-06-6	ug/Kg					500,000	5,900	630,000	740,000	< 240	240		
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg							18,000	18,000	< 5.5	5.5		
1,1,1-Trichloroethane	71-55-6	ug/Kg	200		22,000,000	160,000,000	500,000	680	7,200	7,200	< 5.5	5.5		
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg	6.9		1,000	3,500			26	9.3	< 5.5	5.5		
1,1,2-Trichloroethane	79-00-5	ug/Kg	17		2,000	12,000			150	150	< 5.5	5.5		
1,1-Dichloroethane	75-34-3	ug/Kg	240		8,000	120,000	240,000	270	750	2,700	< 5.5	5.5		
1,1-Dichloroethene	75-35-4	ug/Kg	6.9	52,000	11,000	11,000	500,000	330	190	190	< 5.5	5.5		
1,2,3-Trichlorobenzene	87-61-6	ug/Kg									< 240	240		
1,2,4-Trichlorobenzene	120-82-1	ug/Kg	520	94,000	73,000	780,000			27,000	27,000	< 240	240		
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg	5	26	80	870			9.2	9.2	< 5.0	5.0		
1,2-Dibromoethane	106-93-4	ug/Kg	5	85	8	350			1.2	1.2	< 1.2	1.2		
1,2-Dichlorobenzene	95-50-1	ug/Kg	11,000		5,300,000	6,700,000	500,000	1,100	59,000	59,000	< 240	240		
1,2-Dichloroethane	107-06-2	ug/Kg	9.5	71,000	900	5,800	30,000	20	100	100	< 5.5	5.5		
1,2-Dichloropropane	78-87-5	ug/Kg	5.8	5,700	2,000	19,000			110	110	< 5.5	5.5		
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,400		5,000	780,000	130,000	1,800	10,000	10,000	< 240	240		
2-Hexanone	591-78-6	ug/Kg	150	1,000,000		390,000			1,600		< 28	28		
4-Methyl-2-pentanone	108-10-1	ug/Kg							43,000	6,300	< 28	28		
Acetone	67-64-1	ug/Kg	19,000		70,000,000	70,000,000	500,000	50	350,000	110,000	**9.1**	50		
Acrolein	107-02-8	ug/Kg			500				0.47	1.4	< 2.8	2.8		
Acrylonitrile	107-13-1	ug/Kg			900				10	37	< 10	10		
Benzene	71-43-2	ug/Kg	9.4	2,200	2,000	3,000	44,000	60	130	130	< 5.5	5.5		
Bromochloromethane	74-97-5	ug/Kg							1,600	1,600	< 5.5	5.5		
Bromodichloromethane	75-27-4	ug/Kg	5		1,000	11,000			2,700	3,400	< 5.0	5.0		
Bromoform	75-25-2	ug/Kg	18		81,000	88,000			3,500	4,400	< 5.5	5.5		
Bromomethane	74-83-9	ug/Kg	43	18,000	25,000	110,000			540	540	< 5.5	5.5		
Carbon Disulfide	75-15-0	ug/Kg	3,700		7,800,000				130,000	350,000	< 5.5	5.5		
Carbon tetrachloride	56-23-5	ug/Kg	7.5	1,400	2,000	7,600	22,000	760	260	260	< 5.5	5.5		
Chlorobenzene	108-90-7	ug/Kg	640		510,000	510,000	500,000	1,100	6,100	6,100	< 5.5	5.5		
Chloroethane	75-00-3	ug/Kg			220,000				450,000	19,000	< 5.5	5.5		
Chloroform	67-66-3	ug/Kg	330	590,000	600	780,000	350,000	370	2,000	2,500	< 5.5	5.5		
Chloromethane	74-87-3	ug/Kg		270,000	4,000				380	38	< 5.5	5.5		
cis-1,2-Dichloroethene	156-59-2	ug/Kg	350		230,000	780,000	500,000	250	1,600	1,600	< 5.5	5.5		
cis-1,3-Dichloropropene	10061-01-5	ug/Kg									< 5.5	5.5		
Cyclohexane	110-82-7	ug/Kg							1,700,000		< 5.5	5.5		
Dibromochloromethane	124-48-1	ug/Kg	5		3,000	8,300			2,500	3,200	< 5.0	5.0		
Dichlorodifluoromethane	75-71-8	ug/Kg	38,000		490,000	16,000,000			100,000	100,000	< 5.5	5.5		
Ethylbenzene	100-41-4	ug/Kg	15,000	10,000	7,800,000	7,800,000	390,000	1,000	46,000	46,000	< 5.5	5.5		
Isopropylbenzene	98-82-8	ug/Kg	22,000			7,800,000			600,000	1,600,000	< 240	240		
m&p-Xylene	179601-23-1	ug/Kg									< 5.5	5.5		
Methyl ethyl ketone	78-93-3	ug/Kg	980		3,100,000	47,000,000	500,000	120	76,000	110,000	< 33	33		
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	250	140,000	110,000	780,000	500,000	930	280	280	< 11	11		
Methylacetate	79-20-9	ug/Kg	22,000		78,000,000	78,000,000			650,000	1,900,000	< 11	11		
Methylcyclohexane	108-87-2	ug/Kg									< 5.5	5.5		
Methylene chloride	75-09-2	ug/Kg	13	1,400,000	46,000	50,000	500,000	50	76	76	< 5.5	5.5		
o-Xylene	95-47-6	ug/Kg									< 5.5	5.5		
Styrene	100-42-5	ug/Kg	2,100		90,000	16,000,000			24,000	24,000	< 5.5	5.5		
tert-butyl alcohol	75-65-0	ug/Kg	320		1,400,000	1,400,000					< 110	110		
Tetrachloroethene	127-18-4	ug/Kg	**8.6**	47,000	43,000	330,000	150,000	1,300	430	430	**72**	48		
Toluene	108-88-3	ug/Kg	7,800		6,300,000	6,300,000	500,000	700	44,000	44,000	< 5.5	5.5		
Total Xylenes	1330-20-7	ug/Kg	19,000		12,000,000	12,000,000		260	990,000	990,000	< 5.5	5.5		
trans-1,2-Dichloroethene	156-60-5	ug/Kg	560		300,000	1,300,000	500,000	190	2,300	2,300	< 5.5	5.5		
trans-1,3-Dichloropropene	10061-02-6	ug/Kg									< 5.5	5.5		
Trichloroethene	79-01-6	ug/Kg	6.5	3,000	3,000	15,000	200,000	470	170	170	< 5.5	5.5		
Trichlorofluoromethane	75-69-4	ug/Kg	29,000		23,000,000	23,000,000			87,000	87,000	< 5.5	5.5		
Trichlorotrifluoroethane	76-13-1	ug/Kg							3,400,000	53,000,000	< 5.5	5.5		
Vinyl chloride	75-01-4	ug/Kg	6.7	1,400	700	970	13,000	20	27	27	< 5.5	5.5		

Table 3d
First Floor Stockpile Waste Characterization Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

Project : 60 MCLEAN AVE YONKERS NY	Lab Sample Id		NJ-Soil Migration GW	NJ-Soil Res Inhalation	NJ-Soil Res.	NJ-Soil Res. (ID)	NY-Com.	NY-UnRestricted SCO	PA-CleanFill	PA-RegFill	CO09670		CO09671	
	Collection Date										5/17/2023		5/17/2023	
	Client Id										FFSP-1-GRAB		FFSP-1-COMP	
	Matrix										Soil		Soil	
	CAS	Units									Result	RL	Result	RL
Semivolatiles By SW8270D														
1,1-Biphenyl	92-52-4	ug/Kg			61,000	87,000			370	2,200,000			< 250	250
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg				23,000			4,600	14,000			< 250	250
1,2-Diphenylhydrazine	122-66-7	ug/Kg			700				39	580			< 72	72
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg	1,900		23,000	3,100,000			8,000	8,000			< 250	250
2,3,4,6-tetrachlorophenol	58-90-2	ug/Kg	26,000			1,900,000			1,600,000	950,000			< 250	250
2,4,5-Trichlorophenol	95-95-4	ug/Kg	68,000		6,100,000	6,300,000			2,100,000	6,100,000			< 250	250
2,4,6-Trichlorophenol	88-06-2	ug/Kg	860		19,000	49,000			10,000	8,900			< 140	140
2,4-Dichlorophenol	120-83-2	ug/Kg	190		180,000	190,000			1,000	1,000			< 140	140
2,4-Dimethylphenol	105-67-9	ug/Kg	2,300		1,200,000	1,300,000			30,000	87,000			< 250	250
2,4-Dinitrophenol	51-28-5	ug/Kg	330		120,000	130,000			780	460			< 250	250
2,4-Dinitrotoluene	121-14-2	ug/Kg			700				50	200			< 72	72
2,6-Dinitrotoluene	606-20-2	ug/Kg			700				13	3,000			< 72	72
2-Chloronaphthalene	91-58-7	ug/Kg				4,800,000			6,000,000	18,000,000			< 250	250
2-Chlorophenol	95-57-8	ug/Kg	760		310,000	390,000			4,400	4,400			< 250	250
2-Methylnaphthalene	91-57-6	ug/Kg	3,100		230,000	240,000			25,000	8,000,000			< 250	250
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	770		310,000	320,000	500,000	330	28,000	180,000			< 250	250
2-Nitroaniline	88-74-4	ug/Kg			39,000				2	100			< 72	72
2-Nitrophenol	88-75-5	ug/Kg							5,700	17,000			< 250	250
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg											< 250	250
3,3'-Dichlorobenzidine	91-94-1	ug/Kg	3,900		1,000	1,200			7,700	32,000			< 140	140
3-Nitroaniline	99-09-2	ug/Kg								91			< 91	91
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg			6,000				210				< 210	210
4-Bromophenyl phenyl ether	101-55-3	ug/Kg											< 250	250
4-Chloro-3-methylphenol	59-50-7	ug/Kg							720,000	110,000			< 250	250
4-Chloroaniline	106-47-8	ug/Kg	230			2,700			420	52,000			< 230	230
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg											< 250	250
4-Nitroaniline	100-01-6	ug/Kg				27,000			490	86			< 86	86
4-Nitrophenol	100-02-7	ug/Kg							4,100	4,100			< 360	360
Acenaphthene	83-32-9	ug/Kg			3,400,000	3,600,000	500,000	20,000	2,600,000	4,700,000			< 250	250
Acenaphthylene	208-96-8	ug/Kg					500,000	100,000	2,400,000	6,900,000			< 140	140
Acetophenone	98-86-2	ug/Kg	3,600		2,000	7,800,000			190,000	540,000			< 250	250
Anthracene	120-12-7	ug/Kg			17,000,000	18,000,000	500,000	100,000	350,000	350,000			< 250	250
Atrazine	1912-24-9	ug/Kg	330		210,000	220,000			130	130			< 130	130
Benz(a)anthracene	56-55-3	ug/Kg	710	78,000,000	5,000	5,100	5,600	1,000	6,100	110,000			< 250	250
Benzaldehyde	100-52-7	ug/Kg				170,000							< 250	250
Benzidine	92-87-5	ug/Kg			700				18	340			< 140	140
Benzo(a)pyrene	50-32-8	ug/Kg		3,500,000	500	510	1,000	1,000	4,200	11,000			< 140	140
Benzo(b)fluoranthene	205-99-2	ug/Kg		78,000,000	5,000	5,100	5,600	1,000	3,500	110,000			< 250	250
Benzo(ghi)perylene	191-24-2	ug/Kg			380,000,000		500,000	100,000	180,000	180,000			< 250	250
Benzo(k)fluoranthene	207-08-9	ug/Kg		780,000,000	45,000	51,000	56,000	800	3,500	610,000			< 250	250
Benzyl Alcohol	100-51-6	ug/Kg							130,000	1,100,000			< 360	360
Benzyl butyl phthalate	85-68-7	ug/Kg	29,000		1,200,000	290,000			2,900,000	10,000,000			< 250	250
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg				190,000			2,600				< 250	250
Bis(2-chloroethyl)ether	111-44-4	ug/Kg	330		400	630			4.5	17			< 72	72
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg	14,000		35,000	39,000			130,000	130,000			**140**	250
Caprolactam	105-60-2	ug/Kg	16,000	290,000		32,000,000							< 250	250
Carbazole	86-74-8	ug/Kg			24,000				21,000	83,000			< 180	180
Chrysene	218-01-9	ug/Kg			450,000	510,000	56,000	1,000	35,000	230,000			< 250	250
Dibenz(a,h)anthracene	53-70-3	ug/Kg		7,800,000	500	510	560	330	1,000	11,000			< 140	140
Dibenzofuran	132-64-9	ug/Kg					350,000	7,000	90,000				< 250	250
Diethyl phthalate	84-66-2	ug/Kg	44,000		49,000,000	51,000,000			880,000	160,000			< 250	250
Dimethylphthalate	131-11-3	ug/Kg											< 250	250
Di-n-butylphthalate	84-74-2	ug/Kg			6,100,000	6,300,000			1,400,000	4,100,000			< 250	250
Di-n-octylphthalate	117-84-0	ug/Kg			2,400,000	630,000			2,200,000	10,000,000			< 250	250
Fluoranthene	206-44-0	ug/Kg			2,300,000	2,400,000	500,000	100,000	3,200,000	3,200,000			< 250	250
Fluorene	86-73-7	ug/Kg			2,300,000	2,400,000	500,000	30,000	2,800,000	3,800,000			< 250	250
Hexachlorobenzene	118-74-1	ug/Kg	170		300	430	6,000	330	960	960			< 140	140
Hexachlorobutadiene	87-68-3	ug/Kg	170		6,000	8,900			10,000	1,200			< 170	170
Hexachlorocyclopentadiene	77-47-4	ug/Kg	2,500	2,700	45,000	470,000			91,000	91,000			< 250	250
Hexachloroethane	67-72-1	ug/Kg	170		12,000	17,000			560	560			< 140	140
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg		78,000,000	5,000	5,100	5,600	500	3,500	110,000			< 250	250
Isophorone	78-59-1	ug/Kg	230		510,000	570,000			1,900	1,900			< 140	140
Naphthalene	91-20-3	ug/Kg	19,000	5,700	6,000	2,500,000	500,000	12,000	13,000	25,000			< 250	250
Nitrobenzene	98-95-3	ug/Kg	170	7,500	5,000	160,000			52	2,200			< 72	72
N-Nitrosodimethylamine	62-75-9	ug/Kg			700				0.019	0.17			< 72	72
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg	170		200	170			0.35	5.1			< 72	72
N-Nitrosodiphenylamine	86-30-6	ug/Kg	1,100		99,000	110,000			3,000	83,000			< 140	140
Pentachlorophenol	87-86-5	ug/Kg	330		900	1,000	6,700	800	5,000	5,000			< 250	250
Phenanthrene	85-01-8	ug/Kg					500,000	100,000	10,000,000	10,000,000			< 140	140
Phenol	108-95-2	ug/Kg	21,000	39,000,000	18,000,000	19,000,000	500,000	330	33,000	66,000			< 250	250
Pyrene	129-00-0	ug/Kg			1,700,000	1,800,000	500,000	100,000	2,200,000	2,200,000			< 250	250
Pesticides - Soil By SW8081B														
4,4' -DDD	72-54-8	ug/Kg	470		3,000	2,300	92,000	**3.3**	30,000	30,000			**14**	2.1
4,4' -DDE	72-55-9	ug/Kg	470		2,000	2,000	62,000	**3.3**	41,000	170,000			**6.2**	2.1
4,4' -DDT	50-29-3	ug/Kg	670		2,000	1,900	47,000	**3.3**	55,000	230,000			**20**	2.1
a-BHC	319-84-6	ug/Kg	2.3		100	86	3,400	20	46	190			< 7.1	7.1
a-Chlordane	5103-71-9	ug/Kg					24,000	94					**32**	3.6
Alachlor	15972-60-8	ug/Kg							77	77			< 3.6	3.6
Aldrin	309-00-2	ug/Kg	130		40	41	680	5	460	440			< 3.6	3.6
b-BHC	319-85-7	ug/Kg	4.6		400	300	3,000	36	210	820			< 7.1	7.1
Chlordane	57-74-9	ug/Kg	1,400		200	270			49,000	49,000			**180**	36
d-BHC	319-86-8	ug/Kg					500,000	40		30,000			< 7.1	7.1
Dieldrin	60-57-1	ug/Kg	24		40	34	1,400	5	110	440			< 3.6	3.6
Endosulfan I	959-98-8	ug/Kg					200,000	2,400	110,000	260,000			< 7.1	7.1
Endosulfan II	33213-65-9	ug/Kg					200,000	2,400	120,000	260,000			< 7.1	7.1
Endosulfan sulfate	1031-07-8	ug/Kg			470,000		200,000	2,400	70,000	70,000			< 7.1	7.1
Endrin	72-20-8	ug/Kg	1,600		23,000	19,000	89,000	14	5,500	5,500			< 7.1	7.1
Endrin aldehyde	7421-93-4	ug/Kg											< 7.1	7.1
Endrin ketone	53494-70-5	ug/Kg											< 7.1	7.1
g-BHC	58-89-9	ug/Kg	3.5		400	570	9,200	100	72	72			< 1.4	1.4
g-Chlordane	5103-74-2	ug/Kg											**24**	3.6
Heptachlor	76-44-8	ug/Kg	83		100	150	15,000	42	680	680			< 7.1	7.1
Heptachlor epoxide	1024-57-3	ug/Kg	81		70	76			1,100	1,100			< 7.1	7.1
Methoxychlor	72-43-5	ug/Kg			390,000	320,000			630,000	630,000			< 36	36
Toxaphene	8001-35-2	ug/Kg	6,200		600	490			1,200	1,200			< 140	140
Chlorinated Herbicides By SW8151A														
2,4,5-T	93-76-5	ug/Kg							1,500	1,500			< 140	140
2,4,5-TP (Silvex)	93-72-1	ug/Kg					500,000	3,800	22,000	22,000			< 140	140
2,4-D	94-75-7	ug/Kg							1,800	1,800			< 270	270
2,4-DB	94-82-6	ug/Kg											< 2700	2,700
Dalapon	75-99-0	ug/Kg							5,300	5,300			< 140	140
Dicamba	1918-00-9	ug/Kg							45,000				< 140	140
Dichloroprop	120-36-5	ug/Kg											< 270	270
Dinoseb	88-85-7	ug/Kg							290	290			< 270	270
1,4-dioxane By SW8260C														
1,4-dioxane	123-91-1	ug/kg	67	45,000		7,000	130,000	100	85	310	< 67	67		

Notes/Qualifiers
U = The compound was analyzed for but not detected at or above the MDL
N = The conecntration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds indentified
J = The value is estimated.
BOLD = Result Detected
GREY CELL = Result Exceeds Criteria

Table 3e
First and Second Floor Soil Characterization Sample Results
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id					CS62955				CS62956				CS62957				CS62958				CS62959				CS62960				CS62961			
	Collection Date					2/13/2025				2/13/2025				2/13/2025				2/13/2025				2/13/2025				2/13/2025				2/13/2025			
	Client Id					SCG-1				SCG-2				SCG-3				SCG-4				SCG-5				SCC-A				SCC-B			
	Matrix					Soil				Soil				Soil				Soil				Soil				Soil				Soil			
Project Id : 60 MCLEAN AVE																																	
	CAS	Units	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics																																	
Percent Solid	PHNX - PCTSOLID	%																								92				86			
Vinyl Acetate	108-05-4	ug/Kg				< 58	58	U	58	< 53	53	U	53	< 51	51	U	51	< 45	45	U	45	< 40	40	U	40								
Metals, Total																																	
Aluminum	7429-90-5	mg/Kg																								12,400	54		7.2	14,900	55		7.3
Antimony	7440-36-0	mg/Kg																								< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Arsenic	7440-38-2	mg/Kg	16	16	13																					2.83	0.72		0.72	2.56	0.73		0.73
Barium	7440-39-3	mg/Kg	400	400	350																					155	0.36		0.36	77.2	0.36		0.36
Beryllium	7440-41-7	mg/Kg	590	72	7.2																					0.42	0.29		0.14	0.43	0.29		0.15
Cadmium	7440-43-9	mg/Kg	9.3	4.3	2.5																					< 0.36	0.36	U	0.36	< 0.36	0.36	U	0.36
Calcium	7440-70-2	mg/Kg																								5,820	5.4		3.3	2,660	5.5		3.3
Chromium	7440-47-3	mg/Kg																								33.1	0.36		0.36	32.9	0.36		0.36
Cobalt	7440-48-4	mg/Kg																								8.77	0.36		0.36	9.63	0.36		0.36
Copper	7440-50-8	mg/kg	270	270	50																					35.6	0.7		0.36	27	0.7		0.36
Iron	7439-89-6	mg/Kg																								19,000	54		36	22,200	55		36
Lead	7439-92-1	mg/Kg	1,000	400	63																					37.6	0.36		0.36	18.3	0.36		0.36
Magnesium	7439-95-4	mg/Kg																								4,280	5.4		3.6	4,790	5.5		3.6
Manganese	7439-96-5	mg/Kg	10,000	2,000	1,600																					276	0.36		0.36	256	0.36		0.36
Mercury	7439-97-6	mg/Kg	2.8	0.81	0.18																					0.18	0.15		0.15	< 0.15	0.15	U	0.15
Nickel	7440-02-0	mg/Kg	310	310	30																					22.1	0.36		0.36	20.1	0.36		0.36
Potassium	9/7/7440	mg/Kg																								1,700	54		28	2,130	55		28
Selenium	7782-49-2	mg/Kg	1,500	180	3.9																					< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.2
Silver	7440-22-4	mg/Kg	1,500	180	2																					< 0.36	0.36	U	0.36	< 0.36	0.36	U	0.36
Sodium	7440-23-5	mg/Kg																								254	5.4		3.1	207	5.5		3.1
Thallium	7440-28-0	mg/Kg																								< 3.3	3.3	U	1.4	< 3.3	3.3	U	1.5
Vanadium	7440-62-2	mg/Kg																								40.5	0.36		0.36	36.2	0.36		0.36
Zinc	7440-66-6	mg/Kg	10,000	10,000	109																					70.5	0.7		0.36	40.8	0.7		0.36
SVOA TICS																																	
1-Docosene	1599-67-3	ug/Kg																												660	4	JN	
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	ug/Kg																								2,000	4	JNA		2,200	4	JNA	
5-Octadecene, (E)-	7206-21-5	ug/Kg																								600	4	JN		610	4	JN	
9-Octadecenamide, (Z)-	301-02-0	ug/Kg																												330	4	JNC	
Benzoic acid, 4-ethoxy-, ethyl est	23676-09-7	ug/Kg																								960	4	JNC		940	4	JNC	
PCBs By SW8082A																																	
PCB-1016	12674-11-2	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1221	11104-28-2	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1232	11141-16-5	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1242	53469-21-9	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1248	12672-29-6	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1254	11097-69-1	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1260	11096-82-5	ug/Kg	1,000		100																					< 72	72	U	72	< 77	77	U	77
PCB-1262	37324-23-5	ug/Kg			100																					< 72	72	U	72	< 77	77	U	77
PCB-1268	11100-14-4	ug/Kg			100																					< 72	72	U	72	< 77	77	U	77
Volatiles By SW8260D																																	
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	190,000	52,000	3,600	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	190,000	52,000	8,400	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,3-Dichlorobenzene	541-73-1	ug/Kg	280,000	49,000	2,400	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Naphthalene	91-20-3	ug/Kg	500,000	100,000	12,000	< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
n-Butylbenzene	104-51-8	ug/Kg	500,000	100,000	12,000	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
n-Propylbenzene	103-65-1	ug/Kg	500,000	100,000	3,900	< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
p-Isopropyltoluene	99-87-6	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
sec-Butylbenzene	135-98-8	ug/Kg	500,000	100,000	11,000	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
tert-Butylbenzene	98-06-6	ug/Kg	500,000	100,000	5,900	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,1,1-Trichloroethane	71-55-6	ug/Kg	500,000	100,000	680	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,1,2-Trichloroethane	79-00-5	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,1-Dichloroethane	75-34-3	ug/Kg	240,000	26,000	270	< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,1-Dichloroethene	75-35-4	ug/Kg	500,000	100,000	330	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,2,3-Trichlorobenzene	87-61-6	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,2-Dibromoethane	106-93-4	ug/Kg				< 5.2	5.2	U	0.58	< 4.7	4.7	U	0.53	< 4.6	4.6	U	0.51	< 4.0	4.0	U	0.45	< 3.6	3.6	U	0.40								
1,2-Dichlorobenzene	95-50-1	ug/Kg	500,000	100,000	1,100	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,2-Dichloroethane	107-06-2	ug/Kg	30,000	3,100	20	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
1,2-Dichloropropane	78-87-5	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
1,4-Dichlorobenzene	106-46-7	ug/Kg	130,000	13,000	1,800	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
2-Hexanone	591-78-6	ug/Kg				< 29	29	U	5.8	< 26	26	U	5.3	< 26	26	U	5.1	< 22	22	U	4.5	< 20	20	U	4.0								
4-Methyl-2-pentanone	108-10-1	ug/Kg				< 29	29	U	5.8	< 26	26	U	5.3	< 26	26	U	5.1	< 22	22	U	4.5	< 20	20	U	4.0								
Acetone	67-64-1	ug/Kg	500,000	100,000	50	< 50	50	U	5.8	< 50	50	U	5.3	< 50	50	U	5.1	< 45	45	U	4.5	< 40	40	U	4.0								
Acrolein	107-02-8	ug/Kg				< 29	29	U	2.9	< 26	26	U	2.6	< 26	26	U	2.6	< 22	22	U	2.2	< 20	20	U	2.0								
Acrylonitrile	107-13-1	ug/Kg				< 12	12	U	0.58	< 11	11	U	0.53	< 10	10	U	0.51	< 8.9	8.9	U	0.45	< 8.0	8.0	U	0.40								
Benzene	71-43-2	ug/Kg	44,000	4,800	60	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Bromochloromethane	74-97-5	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Bromodichloromethane	75-27-4	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Bromoform	75-25-2	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Bromomethane	74-83-9	ug/Kg				< 5.8	5.8	U	2.3	< 5.3	5.3	U	2.1	< 5.1	5.1	U	2.0	< 4.5	4.5	U	1.8	< 4.0	4.0	U	1.6								
Carbon Disulfide	75-15-0	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Carbon tetrachloride	56-23-5	ug/Kg	22,000	2,400	760	< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Chlorobenzene	108-90-7	ug/Kg	500,000	100,000	1,100	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Chloroethane	75-00-3	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Chloroform	67-66-3	ug/Kg	350,000	49,000	370	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Chloromethane	74-87-3	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
cis-1,2-Dichloroethene	156-59-2	ug/Kg	500,000	100,000	250	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
cis-1,3-Dichloropropene	10061-01-5	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Cyclohexane	110-82-7	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Dibromochloromethane	124-48-1	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Dichlorodifluoromethane	75-71-8	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Ethylbenzene	100-41-4	ug/Kg	390,000	41,000	1,000	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Isopropylbenzene	98-82-8	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
m&p-Xylene	179601-23-1	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Methyl ethyl ketone	78-93-3	ug/Kg	500,000	100,000	120	< 35	35	U	5.8	< 32	32	U	5.3	< 31	31	U	5.1	< 27	27	U	4.5	< 24	24	U	4.0								
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	500,000	100,000	930	< 12	12	U	1.2	< 11	11	U	1.1	< 10	10	U	1.0	< 8.9	8.9	U	0.89	< 8.0	8.0	U	0.80								
Methylacetate	79-20-9	ug/Kg				< 12	12	U	12	< 11	11	U	11	< 10	10	U	10	< 8.9	8.9	U	8.9	< 8.0	8.0	U	8.0								
Methylcyclohexane	108-87-2	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Methylene chloride	75-09-2	ug/Kg	500,000	100,000	50	< 5.8	5.8	U	5.8	< 5.3	5.3	U	5.3	< 5.1	5.1	U	5.1	< 4.5	4.5	U	4.5	< 4.0	4.0	U	4.0								
o-Xylene	95-47-6	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Styrene	100-42-5	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
tert-butyl alcohol	75-65-0	ug/Kg				< 120	120	U	23	< 110	110	U	21	< 100	100	U	20	< 89	89	U	18	< 80	80	U	16								
Tetrachloroethene	127-18-4	ug/Kg	150,000	19,000	1,300	< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Toluene	108-88-3	ug/Kg	500,000	100,000	700	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Total Xylenes	1330-20-7	ug/Kg		100,000	260	< 5.8	5.8	U	5.8	< 5.3	5.3	U	5.3	< 5.1	5.1	U	5.1	< 4.5	4.5	U	4.5	< 4.0	4.0	U	4.0								
trans-1,2-Dichloroethene	156-60-5	ug/Kg	500,000	100,000	190	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
trans-1,3-Dichloropropene	10061-02-6	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Trichloroethene	79-01-6	ug/Kg	200,000	21,000	470	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Trichlorofluoromethane	75-69-4	ug/Kg				< 5.8	5.8	U	1.2	< 5.3	5.3	U	1.1	< 5.1	5.1	U	1.0	< 4.5	4.5	U	0.89	< 4.0	4.0	U	0.80								
Trichlorotrifluoroethane	76-13-1	ug/Kg				< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Vinyl chloride	75-01-4	ug/Kg	13,000	900	20	< 5.8	5.8	U	0.58	< 5.3	5.3	U	0.53	< 5.1	5.1	U	0.51	< 4.5	4.5	U	0.45	< 4.0	4.0	U	0.40								
Semivolatiles By SW8270E																																	
1,1-Biphenyl	92-52-4	ug/Kg																								< 250	250	U	110	< 270	270	U	120
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg																								< 250	250	U	120	< 270	270	U	140
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg																								< 250	250	U	98	< 270	270	U	110
2,3,4,6-tetrachlorophenol	58-90-2	ug/Kg																								< 250	250	U	63	< 270	270	U	69
2,4,5-Trichlorophenol	95-95-4	ug/Kg																								< 250	250	U	63	< 270	270	U	69
2,4,6-Trichlorophenol	88-06-2	ug/Kg																								< 250	250	U	63	< 270	270	U	69
2,4-Dichlorophenol	120-83-2	ug/Kg																								< 250	250	U	120	< 270	270	U	140
2,4-Dimethylphenol	105-67-9	ug/Kg																								< 250	250	U	63	< 270	270	U	69
2,4-Dinitrophenol	51-28-5	ug/Kg																								< 560	560	U	63	< 620	620	U	69
2,4-Dinitrotoluene	121-14-2	ug/Kg																								< 250	250	U	140	< 270	270	U	150
2,6-Dinitrotoluene	606-20-2	ug/Kg																								< 250	250	U	110	< 270	270	U	120
2-Chloronaphthalene	91-58-7	ug/Kg																								< 250	250	U	100	< 270	270	U	110
2-Chlorophenol	95-57-8	ug/Kg																								< 250	250	U	63	< 270	270	U	69
2-Methylnaphthalene	91-57-6	ug/Kg																								< 250	250	U	110	< 270	270	U	110
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	500,000	100,000	330																					< 250	250	U	63	< 270	270	U	69
2-Nitroaniline	88-74-4	ug/Kg																								< 560	560	U	250	< 620	620	U	270
2-Nitrophenol	88-75-5	ug/Kg																								< 250	250	U	63	< 270	270	U	69
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg			330																					< 330	330	U	63	< 330	330	U	69
3,3'-Dichlorobenzidine	91-94-1	ug/Kg																								< 420	420	U	170	< 460	460	U	180
3-Nitroaniline	99-09-2	ug/Kg																								< 560	560	U	140	< 620	620	U	150
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg																								< 1000	1,000	U	63	< 1100	1,100	U	69
4-Bromophenyl phenyl ether	101-55-3	ug/Kg																								< 350	350	U	100	< 390	390	U	110
4-Chloro-3-methylphenol	59-50-7	ug/Kg																								< 250	250	U	63	< 270	270	U	69
4-Chloroaniline	106-47-8	ug/Kg																								< 250	250	U	140	< 270	270	U	150
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg																								< 250	250	U	120	< 270	270	U	130
4-Nitroaniline	100-01-6	ug/Kg																								< 560	560	U	120	< 620	620	U	130
4-Nitrophenol	100-02-7	ug/Kg																								< 1000	1,000	U	63	< 1100	1,100	U	69
Acenaphthene	83-32-9	ug/Kg	500,000	100,000	20,000																					< 250	250	U	110	< 270	270	U	120
Acenaphthylene	208-96-8	ug/Kg	500,000	100,000	100,000																					< 250	250	U	99	< 270	270	U	110
Acetophenone	98-86-2	ug/Kg																								< 250	250	U	110	< 270	270	U	120
Anthracene	120-12-7	ug/Kg	500,000	100,000	100,000																					< 250	250	U	120	< 270	270	U	130
Atrazine	1912-24-9	ug/Kg																								< 250	250	U	110	< 270	270	U	120
Benz(a)anthracene	56-55-3	ug/Kg	5,600	1,000	1,000																					< 250	250	U	120	< 270	270	U	130
Benzaldehyde	100-52-7	ug/Kg																								< 250	250	U	100	< 270	270	U	110
Benzo(a)pyrene	50-32-8	ug/Kg	1,000	1,000	1,000																					< 250	250	U	110	< 270	270	U	130
Benzo(b)fluoranthene	205-99-2	ug/Kg	5,600	1,000	1,000																					< 250	250	U	120	< 270	270	U	130
Benzo(ghi)perylene	191-24-2	ug/Kg	500,000	100,000	100,000																					120	250	J	110	< 270	270	U	120
Benzo(k)fluoranthene	207-08-9	ug/Kg	56,000	3,900	800																					< 250	250	U	120	< 270	270	U	130
Benzyl butyl phthalate	85-68-7	ug/Kg																								< 250	250	U	91	< 270	270	U	99
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg																								< 250	250	U	97	< 270	270	U	110
Bis(2-chloroethyl)ether	111-44-4	ug/Kg																								< 350	350	U	95	< 390	390	U	100
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg																								< 250	250	U	100	< 270	270	U	260
Caprolactam	105-60-2	ug/Kg																								< 250	250	U	180	< 270	270	U	190
Carbazole	86-74-8	ug/Kg																								< 350	350	U	180	< 390	390	U	190
Chrysene	218-01-9	ug/Kg	56,000	3,900	1,000																					< 250	250	U	120	< 270	270	U	130
Dibenz(a,h)anthracene	53-70-3	ug/Kg	560	330	330																					140	180	J	110	< 190	190	U	120
Dibenzofuran	132-64-9	ug/Kg	350,000	59,000	7,000																					< 250	250	U	100	< 270	270	U	110
Diethyl phthalate	84-66-2	ug/Kg																								< 250	250	U	110	< 270	270	U	120
Dimethylphthalate	131-11-3	ug/Kg																								< 250	250	U	110	< 270	270	U	120
Di-n-butylphthalate	84-74-2	ug/Kg																								< 700	700	U	350	< 770	770	U	390
Di-n-octylphthalate	117-84-0	ug/Kg																								< 250	250	U	91	< 270	270	U	99
Fluoranthene	206-44-0	ug/Kg	500,000	100,000	100,000																					< 250	250	U	110	< 270	270	U	120
Fluorene	86-73-7	ug/Kg	500,000	100,000	30,000																					< 250	250	U	120	< 270	270	U	130
Hexachlorobenzene	118-74-1	ug/Kg	6,000	1,200	330																					< 250	250	U	110	< 270	270	U	120
Hexachlorobutadiene	87-68-3	ug/Kg																								< 250	250	U	130	< 270	270	U	140
Hexachlorocyclopentadiene	77-47-4	ug/Kg																								< 250	250	U	250	< 270	270	U	270
Hexachloroethane	67-72-1	ug/Kg																								< 250	250	U	110	< 270	270	U	120
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	5,600	500	500																					< 250	250	U	120	< 270	270	U	130
Isophorone	78-59-1	ug/Kg																								< 250	250	U	99	< 270	270	U	110
Naphthalene	91-20-3	ug/Kg	500,000	100,000	12,000																					< 250	250	U	100	< 270	270	U	110
Nitrobenzene	98-95-3	ug/Kg																								< 250	250	U	120	< 270	270	U	130
N-Nitrosodimethylamine	62-75-9	ug/Kg																								< 350	350	U	99	< 390	390	U	110
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg																								< 180	180	U	110	< 190	190	U	120
N-Nitrosodiphenylamine	86-30-6	ug/Kg																								< 350	350	U	140	< 390	390	U	150
Pentachlorophenol	87-86-5	ug/Kg	6,700	6,700	800																					< 350	350	U	63	< 390	390	U	69
Phenanthrene	85-01-8	ug/Kg	500,000	100,000	100,000																					< 250	250	U	100	< 270	270	U	110
Phenol	108-95-2	ug/Kg	500,000	100,000	330																					< 250	250	U	63	< 270	270	U	69
Pyrene	129-00-0	ug/Kg	500,000	100,000	100,000																					< 250	250	U	120	< 270	270	U	130
Pesticides - Soil By SW8081B																																	
4,4' -DDD	72-54-8	ug/Kg	92,000	13,000	3.3																					< 2.2	2.2	U	2.2	3.7	2.3		2.3
4,4' -DDE	72-55-9	ug/Kg	62,000	8,900	3.3																					< 2.2	2.2	U	2.2	< 2.3	2.3	U	2.3
4,4' -DDT	50-29-3	ug/Kg	47,000	7,900	3.3																					9.1	2.2		2.2	< 2.3	2.3	U	2.3
a-BHC	319-84-6	ug/Kg	3,400	480	20																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
a-Chlordane	5103-71-9	ug/Kg	24,000	4,200	94																					26	3.6		3.6	7.7	3.9		3.9
Alachlor	15972-60-8	ug/Kg																								< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9
Aldrin	309-00-2	ug/Kg	680	97	5																					< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9
b-BHC	319-85-7	ug/Kg	3,000	360	36																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Chlordane	57-74-9	ug/Kg																								150	36		36	51	39		39
d-BHC	319-86-8	ug/Kg	500,000	100,000	40																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Dieldrin	60-57-1	ug/Kg	1,400	200	5																					< 3.6	3.6	U	3.6	< 3.9	3.9	U	3.9
Endosulfan I	959-98-8	ug/Kg	200,000	24,000	2,400																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Endosulfan II	33213-65-9	ug/Kg	200,000	24,000	2,400																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Endosulfan sulfate	1031-07-8	ug/Kg	200,000	24,000	2,400																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Endrin	72-20-8	ug/Kg	89,000	11,000	14																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Endrin aldehyde	7421-93-4	ug/Kg																								< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Endrin ketone	53494-70-5	ug/Kg																								< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
g-BHC	58-89-9	ug/Kg	9,200	1,300	100																					< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5
g-Chlordane	5103-74-2	ug/Kg																								23	3.6		3.6	8.3	3.9		3.9
Heptachlor	76-44-8	ug/Kg	15,000	2,100	42																					< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Heptachlor epoxide	1024-57-3	ug/Kg																								< 7.2	7.2	U	7.2	< 7.7	7.7	U	7.7
Methoxychlor	72-43-5	ug/Kg																								< 36	36	U	36	< 39	39	U	39
Toxaphene	8001-35-2	ug/Kg																								< 140	140	U	140	< 150	150	U	150
1,4-dioxane By SW8260D																																	
1,4-dioxane	123-91-1	ug/kg	130,000	13,000	100	< 86	86	U	46	< 79	79	U	42	< 77	77	U	41	< 67	67	U	36	< 60	60	U	32								

Qualifiers

U The compound was anlayzed for but not detected at or above the MDL.
The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

J The value is estimated. This flag is used
a) on form 1 when the compound is reported above the MDL, but below the PQL, and
b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.

(*) See report for comment.

Result Detected
RL Exceeds Criteria
Result Exceeds Criteria

Table 4
Liquid Disposal Quantities and Facilities
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

Disposal Facility	Material Type	Total Quantity
Clean Water of New York Staten Island, NY (NYD000968545)	Drummed Tank Bottoms from 5,000-gallon fuel oil UST	300 lbs
Clean Water of New York Staten Island, NY (NYD000968545)	Residual fuel oil from 5,000-gallon UST, removed via pump truck	1,204 gallons
Veolia ES Technical Solutions of Flanders, NJ (NJD08056593)	Drummed Hydraulic Fluid from Lift Pistons	400 lbs
Clean Water of New York Staten Island, NY (NYD000968545)	Pumped and drummed standing groundwater from Hydraulic Lift Excavation	800 lbs
Advanced Waste and Water Technology, Farmingdale, NY (NYR000218677)	Residual gasoline/water mixture pumped from 4x gasoline USTs, removed via pump truck	1,845 gallons
Advanced Waste and Water Technology, Farmingdale, NY (NYR000218677)	Gasoline impaced standing groundwater vacuum extracted from former gasoline UST excavation	432 gallons
Clean Water of New York Staten Island, NY (NYD000968545)	Drummed Tank Bottoms from 4x 550-gallon gasolinel USTs	250 lbs
Total Quantity		**1,750 lbs + 3,481 gallons**

Table 5

Post Gasoline UST Removal Endpoint Analytical Summary

46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

		NYSDEC CP-51 Standards	6/18/2025	6/18/2025	6/18/2025	6/18/2025	6/18/2025
			TANK BOTTOM	TANK SIDEWALL NORTH-A	TANK SIDEWALL NORTH-B	TANK SIDEWALL SOUTH-A	TANK SIDEWALL SOUTH-B
			Soil	Soil	Soil	Soil	Soil
			Result	Result	Result	Result	Result
Miscellaneous/Inorganics							
Percent Solid	%		85	79	87	86	85
Volatile Organic Compounds By SW8260D							
1,2,4-Trimethylbenzene	ug/Kg	**3,600**	**130,000**	**11,000**	**19,000**	830	**20,000**
1,3,5-Trimethylbenzene	ug/Kg	**8,400**	**53,000**	4,000	7,300	310	**8,700**
Benzene	ug/Kg	**60**	**9,300**	**4,600**	ND	**700**	ND
Ethylbenzene	ug/Kg	**1,000**	**77,000**	**8,900**	**3,600**	310	**6,500**
Isopropylbenzene	ug/Kg	**2,300**	**18,000**	1,700	2,000	93	**2,500**
m&p-Xylene	ug/Kg		230,000	20,000	9,600	660	19,000
Methyl t-Butyl Ether (MTBE)	ug/Kg	**930**	ND	ND	ND	ND	ND
Naphthalene	ug/Kg	**12,000**	**31,000**	2,200	3,200	210	3,300
n-Butylbenzene	ug/Kg	**12,000**	10,000	1,000	2,500	ND	2,100
n-Propylbenzene	ug/Kg	**3,900**	**26,000**	2,600	3,700	140	3,800
o-Xylene	ug/Kg		68,000	8,000	2,500	150	4,500
p-Isopropyltoluene	ug/Kg	**10,000**	**14,000**	1,100	3,000	72	2,700
sec-Butylbenzene	ug/Kg	**11,000**	8,200	740	1,900	ND	1,700
tert-Butylbenzene	ug/Kg	**5,900**	800	ND	ND	ND	150
Toluene	ug/Kg	**700**	**110,000**	**16,000**	660	450	**850**
Total Xylenes	ug/Kg	**260**	**298,000**	**28,000**	**12,100**	**810**	**23,500**
Semivolatiles By SW8270E							
Acenaphthene	ug/Kg	**20,000**	ND	ND	ND	ND	ND
Acenaphthylene	ug/Kg	**100,000**	ND	ND	ND	ND	ND
Anthracene	ug/Kg	**100,000**	ND	ND	ND	ND	ND
Benz(a)anthracene	ug/Kg	**1,000**	ND	ND	ND	ND	ND
Benzo(a)pyrene	ug/Kg	**1,000**	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/Kg	**1,000**	ND	ND	ND	ND	ND
Benzo(ghi)perylene	ug/Kg	**100,000**	2,300	ND	ND	ND	ND
Benzo(k)fluoranthene	ug/Kg	**800**	ND	ND	ND	ND	ND
Chrysene	ug/Kg	**1,000**	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	ug/Kg	**330**	**490**	ND	ND	ND	ND
Fluoranthene	ug/Kg	**100,000**	ND	ND	ND	ND	ND
Fluorene	ug/Kg	**30,000**	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/Kg	**500**	**1,900**	ND	ND	ND	ND
Naphthalene	ug/Kg	**12,000**	**16,000**	2,800	1,300	3,900	600
Phenanthrene	ug/Kg	**100,000**	ND	ND	ND	ND	ND
Pyrene	ug/Kg	**100,000**	ND	ND	ND	ND	ND

ND = Not Detected

Bold value indicated exceedance to SCO

ug/kg - micrograms per kilogram

Table 6

Post Ramp Excavation Endpoint Sample Analytical Summary

46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id					CT76711				CT76712			
	Collection Date					7/14/2025				7/14/2025			
	Client Id					EP-1-RAMP				EP-2-RAMP			
	Matrix					Soil				Soil			
Project Id : 15514													
	CAS	Units	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Miscellaneous/Inorganics													
Percent Solid	PHNX - PCTSOLID	%				89				88			
Chromium, Hex. (SW3060A digestion)	18540-29-9	mg/Kg	400	110	1	< 0.54	0.54	U	0.54	< 0.41	0.41	U	0.41
pH at 22C - Soil	PHNX - PH	pH Units				7.88	1.00		1.00	7.91	1.00		1.00
Redox Potential	PHNX - REDOX	mV				188				182			
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	27	27	27	< 0.56	0.56	U	0.281	< 0.57	0.57	U	0.284
Metals, Total													
Arsenic	7440-38-2	mg/Kg	16	16	13	2.51	0.75		0.75	2.61	0.77		0.77
Barium	7440-39-3	mg/Kg	400	400	350	94.7	0.37		0.37	93.6	0.38		0.38
Beryllium	7440-41-7	mg/Kg	590	72	7.2	0.41	0.30		0.15	0.42	0.31		0.15
Cadmium	7440-43-9	mg/Kg	9.3	4.3	2.5	< 0.37	0.37	U	0.37	< 0.38	0.38	U	0.38
Chromium	7440-47-3	mg/Kg				25.3	0.37		0.37	27.2	0.38		0.38
Copper	7440-50-8	mg/kg	270	270	50	23.3	0.7		0.37	23.9	0.8		0.38
Lead	7439-92-1	mg/Kg	1,000	400	63	39.6	0.37		0.37	45.2	0.38		0.38
Manganese	7439-96-5	mg/Kg	10,000	2,000	1,600	223	0.37		0.37	227	0.38		0.38
Mercury	7439-97-6	mg/Kg	2.8	0.81	0.18	0.07	0.03		0.02	0.1	0.03		0.02
Nickel	7440-02-0	mg/Kg	310	310	30	17.2	0.37		0.37	17.6	0.38		0.38
Selenium	7782-49-2	mg/Kg	1,500	180	3.9	< 1.5	1.5	U	1.3	< 1.5	1.5	U	1.3
Silver	7440-22-4	mg/Kg	1,500	180	2	< 0.37	0.37	U	0.37	< 0.38	0.38	U	0.38
Trivalent Chromium	16065-83-1	mg/kg	1,500	180	30	25.3	0.37		0.37	27.2	0.38		0.38
Zinc	7440-66-6	mg/Kg	10,000	10,000	109	61.5	0.7		0.37	64.3	0.8		0.38
PCBs By SW8082A													
PCB-1016	12674-11-2	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1221	11104-28-2	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1232	11141-16-5	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1242	53469-21-9	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1248	12672-29-6	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1254	11097-69-1	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1260	11096-82-5	ug/Kg	1,000		100	< 74	74	U	74	< 75	75	U	75
PCB-1262	37324-23-5	ug/Kg			100	< 74	74	U	74	< 75	75	U	75
PCB-1268	11100-14-4	ug/Kg			100	< 74	74	U	74	< 75	75	U	75
Volatiles By SW8260D													
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,1,1-Trichloroethane	71-55-6	ug/Kg	500,000	100,000	680	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,1,2-Trichloroethane	79-00-5	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,1-Dichloroethane	75-34-3	ug/Kg	240,000	26,000	270	< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,1-Dichloroethene	75-35-4	ug/Kg	500,000	100,000	330	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,1-Dichloropropene	563-58-6	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2,3-Trichlorobenzene	87-61-6	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,2,3-Trichloropropane	96-18-4	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	190,000	52,000	3,600	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,2-Dibromoethane	106-93-4	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2-Dichlorobenzene	95-50-1	ug/Kg	500,000	100,000	1,100	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2-Dichloroethane	107-06-2	ug/Kg	30,000	3,100	20	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,2-Dichloropropane	78-87-5	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	190,000	52,000	8,400	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,3-Dichlorobenzene	541-73-1	ug/Kg	280,000	49,000	2,400	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
1,3-Dichloropropane	142-28-9	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
1,4-Dichlorobenzene	106-46-7	ug/Kg	130,000	13,000	1,800	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
2,2-Dichloropropane	594-20-7	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
2-Chlorotoluene	95-49-8	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
2-Hexanone	591-78-6	ug/Kg				< 28	28	U	5.5	< 32	32	U	6.4
2-Isopropyltoluene	527-84-4	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
4-Chlorotoluene	106-43-4	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
4-Methyl-2-pentanone	108-10-1	ug/Kg				< 28	28	U	5.5	< 32	32	U	6.4
Acetone	67-64-1	ug/Kg	500,000	100,000	50	< 28	28	U	5.5	< 32	32	U	6.4
Acrylonitrile	107-13-1	ug/Kg				< 11	11	U	0.55	< 13	13	U	0.64
Benzene	71-43-2	ug/Kg	44,000	4,800	60	46	60	J	33	< 6.4	6.4	U	0.64
Bromobenzene	108-86-1	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Bromochloromethane	74-97-5	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Bromodichloromethane	75-27-4	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Bromoform	75-25-2	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Bromomethane	74-83-9	ug/Kg				< 5.5	5.5	U	2.2	< 6.4	6.4	U	2.6
Carbon Disulfide	75-15-0	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Carbon tetrachloride	56-23-5	ug/Kg	22,000	2,400	760	< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Chlorobenzene	108-90-7	ug/Kg	500,000	100,000	1,100	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Chloroethane	75-00-3	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Chloroform	67-66-3	ug/Kg	350,000	49,000	370	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Chloromethane	74-87-3	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
cis-1,2-Dichloroethene	156-59-2	ug/Kg	500,000	100,000	250	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
cis-1,3-Dichloropropene	10061-01-5	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Dibromochloromethane	124-48-1	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Dibromomethane	74-95-3	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3

Table 6

Post Ramp Excavation Endpoint Sample Analytical Summary

46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id					CT76711				CT76712			
	Collection Date					7/14/2025				7/14/2025			
	Client Id					EP-1-RAMP				EP-2-RAMP			
	Matrix					Soil				Soil			
Project Id : 15514													
	CAS	Units	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Dichlorodifluoromethane	75-71-8	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Ethylbenzene	100-41-4	ug/Kg	390,000	41,000	1,000	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Hexachlorobutadiene	87-68-3	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Isopropylbenzene	98-82-8	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
m&p-Xylene	179601-23-1	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Methyl Ethyl Ketone	78-93-3	ug/Kg	500,000	100,000	120	< 28	28	U	5.5	< 32	32	U	6.4
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	500,000	100,000	930	< 11	11	U	1.1	< 13	13	U	1.3
Methylene chloride	75-09-2	ug/Kg	500,000	100,000	50	< 11	11	U	5.5	< 13	13	U	6.4
Naphthalene	91-20-3	ug/Kg	500,000	100,000	12,000	< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
n-Butylbenzene	104-51-8	ug/Kg	500,000	100,000	12,000	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
n-Propylbenzene	103-65-1	ug/Kg	500,000	100,000	3,900	< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
o-Xylene	95-47-6	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
p-Isopropyltoluene	99-87-6	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
sec-Butylbenzene	135-98-8	ug/Kg	500,000	100,000	11,000	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Styrene	100-42-5	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
tert-Butylbenzene	98-06-6	ug/Kg	500,000	100,000	5,900	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Tetrachloroethene	127-18-4	ug/Kg	150,000	19,000	1,300	< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Tetrahydrofuran (THF)	109-99-9	ug/Kg				< 11	11	U	2.8	< 13	13	U	3.2
Toluene	108-88-3	ug/Kg	500,000	100,000	700	40	330	J	33	< 6.4	6.4	U	0.64
Total Xylenes	1330-20-7	ug/Kg		100,000	260	< 5.5	5.5	U	5.5	< 6.4	6.4	U	6.4
trans-1,2-Dichloroethene	156-60-5	ug/Kg	500,000	100,000	190	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
trans-1,3-Dichloropropene	10061-02-6	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg				< 11	11	U	2.8	< 13	13	U	3.2
Trichloroethene	79-01-6	ug/Kg	200,000	21,000	470	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Trichlorofluoromethane	75-69-4	ug/Kg				< 5.5	5.5	U	1.1	< 6.4	6.4	U	1.3
Trichlorotrifluoroethane	76-13-1	ug/Kg				< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Vinyl chloride	75-01-4	ug/Kg	13,000	900	20	< 5.5	5.5	U	0.55	< 6.4	6.4	U	0.64
Semivolatiles By SW8270E													
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg				< 260	260	U	87	< 260	260	U	89
1,2,4-Trichlorobenzene	120-82-1	ug/Kg				< 260	260	U	110	< 260	260	U	110
1,2-Dichlorobenzene	95-50-1	ug/Kg	500,000	100,000	1,100	< 260	260	U	100	< 260	260	U	100
1,2-Diphenylhydrazine	122-66-7	ug/Kg				< 360	360	U	150	< 370	370	U	150
1,3-Dichlorobenzene	541-73-1	ug/Kg	280,000	49,000	2,400	< 260	260	U	110	< 260	260	U	110
1,4-Dichlorobenzene	106-46-7	ug/Kg	130,000	13,000	1,800	< 260	260	U	110	< 260	260	U	110
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg				< 260	260	U	100	< 260	260	U	100
2,4,5-Trichlorophenol	95-95-4	ug/Kg				< 260	260	U	95	< 260	260	U	97
2,4,6-Trichlorophenol	88-06-2	ug/Kg				< 260	260	U	120	< 260	260	U	120
2,4-Dichlorophenol	120-83-2	ug/Kg				< 260	260	U	130	< 260	260	U	130
2,4-Dimethylphenol	105-67-9	ug/Kg				< 260	260	U	90	< 260	260	U	92
2,4-Dinitrophenol	51-28-5	ug/Kg				< 360	360	U	180	< 370	370	U	190
2,4-Dinitrotoluene	121-14-2	ug/Kg				< 260	260	U	140	< 260	260	U	150
2,6-Dinitrotoluene	606-20-2	ug/Kg				< 260	260	U	120	< 260	260	U	120
2-Chloronaphthalene	91-58-7	ug/Kg				< 260	260	U	100	< 260	260	U	110
2-Chlorophenol	95-57-8	ug/Kg				< 260	260	U	100	< 260	260	U	110
2-Methylnaphthalene	91-57-6	ug/Kg				< 260	260	U	110	< 260	260	U	110
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	500,000	100,000	330	< 260	260	U	150	< 260	260	U	150
2-Nitroaniline	88-74-4	ug/Kg				< 360	360	U	150	< 370	370	U	150
2-Nitrophenol	88-75-5	ug/Kg				< 260	260	U	150	< 260	260	U	150
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg			330	< 330	330	U	140	< 330	330	U	150
3,3'-Dichlorobenzidine	91-94-1	ug/Kg				< 260	260	U	170	< 260	260	U	180
3-Nitroaniline	99-09-2	ug/Kg				< 360	360	U	150	< 370	370	U	150
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg				< 360	360	U	150	< 370	370	U	150
4-Bromophenyl phenyl ether	101-55-3	ug/Kg				< 360	360	U	110	< 370	370	U	110
4-Chloro-3-methylphenol	59-50-7	ug/Kg				< 260	260	U	130	< 260	260	U	130
4-Chloroaniline	106-47-8	ug/Kg				< 260	260	U	150	< 260	260	U	150
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg				< 260	260	U	120	< 260	260	U	120
4-Nitroaniline	100-01-6	ug/Kg				< 580	580	U	120	< 590	590	U	120
4-Nitrophenol	100-02-7	ug/Kg				< 260	260	U	73	< 260	260	U	74
Acenaphthene	83-32-9	ug/Kg	500,000	100,000	20,000	< 260	260	U	110	< 260	260	U	110
Acenaphthylene	208-96-8	ug/Kg	500,000	100,000	100,000	< 260	260	U	100	< 260	260	U	100
Acetophenone	98-86-2	ug/Kg				< 260	260	U	110	< 260	260	U	120
Aniline	62-53-3	ug/Kg				< 360	360	U	150	< 370	370	U	150
Anthracene	120-12-7	ug/Kg	500,000	100,000	100,000	< 260	260	U	120	< 260	260	U	120
Benz(a)anthracene	56-55-3	ug/Kg	5,600	1,000	1,000	< 260	260	U	120	< 260	260	U	120
Benzidine	92-87-5	ug/Kg				< 260	260	U	150	< 260	260	U	150
Benzo(a)pyrene	50-32-8	ug/Kg	1,000	1,000	1,000	< 260	260	U	120	< 260	260	U	120
Benzo(b)fluoranthene	205-99-2	ug/Kg	5,600	1,000	1,000	< 260	260	U	120	< 260	260	U	130
Benzo(ghi)perylene	191-24-2	ug/Kg	500,000	100,000	100,000	< 260	260	U	120	< 260	260	U	120
Benzo(k)fluoranthene	207-08-9	ug/Kg	56,000	3,900	800	< 260	260	U	120	< 260	260	U	120
Benzoic acid	65-85-0	ug/Kg				< 730	730	U	150	< 740	740	U	150
Benzyl butyl phthalate	85-68-7	ug/Kg				< 260	260	U	94	< 260	260	U	96
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg				< 260	260	U	100	< 260	260	U	100
Bis(2-chloroethyl)ether	111-44-4	ug/Kg				< 360	360	U	98	< 370	370	U	100
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg				< 360	360	U	100	< 370	370	U	110
Carbazole	86-74-8	ug/Kg				< 360	360	U	150	< 370	370	U	150
Chrysene	218-01-9	ug/Kg	56,000	3,900	1,000	< 260	260	U	120	< 260	260	U	120
Dibenz(a,h)anthracene	53-70-3	ug/Kg	560	330	330	< 260	260	U	120	< 260	260	U	120
Dibenzofuran	132-64-9	ug/Kg	350,000	59,000	7,000	< 260	260	U	110	< 260	260	U	110
Diethyl phthalate	84-66-2	ug/Kg				< 260	260	U	120	< 260	260	U	120

Table 6
Post Ramp Excavation Endpoint Sample Analytical Summary
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id					CT76711				CT76712			
	Collection Date					7/14/2025				7/14/2025			
	Client Id					EP-1-RAMP				EP-2-RAMP			
	Matrix					Soil				Soil			
Project Id : 15514													
	CAS	Units	NY-Com.	NY-ResRestrict	NY-UnRestricted SCO	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Dimethylphthalate	131-11-3	ug/Kg				< 260	260	U	110	< 260	260	U	120
Di-n-butylphthalate	84-74-2	ug/Kg				< 360	360	U	150	< 370	370	U	150
Di-n-octylphthalate	117-84-0	ug/Kg				< 260	260	U	94	< 260	260	U	96
Fluoranthene	206-44-0	ug/Kg	500,000	100,000	100,000	< 260	260	U	120	< 260	260	U	120
Fluorene	86-73-7	ug/Kg	500,000	100,000	30,000	< 260	260	U	120	< 260	260	U	120
Hexachlorobenzene	118-74-1	ug/Kg	6,000	1,200	330	< 260	260	U	110	< 260	260	U	110
Hexachlorobutadiene	87-68-3	ug/Kg				< 260	260	U	130	< 260	260	U	130
Hexachlorocyclopentadiene	77-47-4	ug/Kg				< 260	260	U	110	< 260	260	U	110
Hexachloroethane	67-72-1	ug/Kg				< 260	260	U	110	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	5,600	500	500	< 260	260	U	120	< 260	260	U	120
Isophorone	78-59-1	ug/Kg				< 260	260	U	100	< 260	260	U	100
Naphthalene	91-20-3	ug/Kg	500,000	100,000	12,000	< 260	260	U	100	< 260	260	U	110
Nitrobenzene	98-95-3	ug/Kg				< 260	260	U	130	< 260	260	U	130
N-Nitrosodimethylamine	62-75-9	ug/Kg				< 360	360	U	100	< 370	370	U	100
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg				< 260	260	U	120	< 260	260	U	120
N-Nitrosodiphenylamine	86-30-6	ug/Kg				< 360	360	U	140	< 370	370	U	140
Pentachloronitrobenzene	82-68-8	ug/Kg				< 360	360	U	110	< 370	370	U	110
Pentachlorophenol	87-86-5	ug/Kg	6,700	6,700	800	< 360	360	U	140	< 370	370	U	140
Phenanthrene	85-01-8	ug/Kg	500,000	100,000	100,000	< 260	260	U	100	< 260	260	U	110
Phenol	108-95-2	ug/Kg	500,000	100,000	330	< 260	260	U	120	< 260	260	U	120
Pyrene	129-00-0	ug/Kg	500,000	100,000	100,000	< 260	260	U	130	< 260	260	U	130
Pyridine	110-86-1	ug/Kg				< 360	360	U	90	< 370	370	U	91
Pesticides - Soil By SW8081B													
4,4' -DDD	72-54-8	ug/Kg	92,000	13,000	3.3	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2
4,4' -DDE	72-55-9	ug/Kg	62,000	8,900	3.3	< 2.2	2.2	U	2.2	< 2.2	2.2	U	2.2
4,4' -DDT	50-29-3	ug/Kg	47,000	7,900	3.3	3.6	2.2		2.2	< 2.2	2.2	U	2.2
a-BHC	319-84-6	ug/Kg	3,400	480	20	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
a-Chlordane	5103-71-9	ug/Kg	24,000	4,200	94	12	3.7		3.7	6.4	3.7		3.7
Alachlor	15972-60-8	ug/Kg				< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Aldrin	309-00-2	ug/Kg	680	97	5	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
b-BHC	319-85-7	ug/Kg	3,000	360	36	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Chlordane	57-74-9	ug/Kg				49	37		37	25	15		15
d-BHC	319-86-8	ug/Kg	500,000	100,000	40	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Dieldrin	60-57-1	ug/Kg	1,400	200	5	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Endosulfan I	959-98-8	ug/Kg	200,000	24,000	2,400	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Endosulfan II	33213-65-9	ug/Kg	200,000	24,000	2,400	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Endosulfan sulfate	1031-07-8	ug/Kg	200,000	24,000	2,400	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Endrin	72-20-8	ug/Kg	89,000	11,000	14	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Endrin aldehyde	7421-93-4	ug/Kg				< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Endrin ketone	53494-70-5	ug/Kg				< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
g-BHC	58-89-9	ug/Kg	9,200	1,300	100	< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5
g-Chlordane	5103-74-2	ug/Kg				9.1	3.7		3.7	5.1	3.7		3.7
Heptachlor	76-44-8	ug/Kg	15,000	2,100	42	< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Heptachlor epoxide	1024-57-3	ug/Kg				< 7.4	7.4	U	7.4	< 7.5	7.5	U	7.5
Methoxychlor	72-43-5	ug/Kg				< 37	37	U	37	< 37	37	U	37
Toxaphene	8001-35-2	ug/Kg				< 150	150	U	150	< 150	150	U	150
1,4-dioxane By SW8260D													
1,4-dioxane	123-91-1	ug/kg	130,000	13,000	100	< 83	83	U	44	< 96	96	U	51

Qualifiers	
U	The compound was anlayzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
Q	For TICS, this compound was quantitated using a calibration curve.
(*)	See report for comment.
Result Detected	
RL Exceeds Criteria	
Result Exceeds Criteria	

Table 7
Post Gasoline UST Removal Standing Groundwater Analytical Summary
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id			CT42118			
	Collection Date			6/2/2025			
	Client Id			TANK-GW-1			
	Matrix			Ground Water			
Project Id : 60 MCLEAN AVE YONKERS							
	CAS	Units	TOGS 1.1.1 WQ/GA Table 1	Result	RL	Qual	MDL
Volatiles By SW8260D							
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 25	25	U	25
1,1,1-Trichloroethane	71-55-6	ug/L	5	< 25	25	U	25
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 25	25	U	25
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 25	25	U	25
1,1-Dichloroethane	75-34-3	ug/L	5	< 25	25	U	25
1,1-Dichloroethene	75-35-4	ug/L	5	< 25	25	U	25
1,1-Dichloropropene	563-58-6	ug/L	5	< 25	25	U	25
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 25	25	U	63
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 25	25	U	25
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 25	25	U	25
1,2,4-Trimethylbenzene	95-63-6	ug/L	**5**	**2,200**	25		25
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 25	25	U	25
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 25	25	U	25
1,2-Dichlorobenzene	95-50-1	ug/L		< 25	25	U	25
1,2-Dichloroethane	107-06-2	ug/L	**0.6**	**250**	25		25
1,2-Dichloropropane	78-87-5	ug/L	1	< 25	25	U	25
1,3,5-Trimethylbenzene	108-67-8	ug/L	**5**	**740**	25		25
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 25	25	U	25
1,3-Dichloropropane	142-28-9	ug/L	5	< 25	25	U	25
1,4-Dichlorobenzene	106-46-7	ug/L		< 25	25	U	25
2,2-Dichloropropane	594-20-7	ug/L	5	< 25	25	U	25
2-Chlorotoluene	95-49-8	ug/L	5	< 25	25	U	25
2-Hexanone	591-78-6	ug/L	50	< 50	50	U	50
2-Isopropyltoluene	527-84-4	ug/L	5	< 25	25	U	25
4-Chlorotoluene	106-43-4	ug/L	5	< 25	25	U	25
4-Methyl-2-pentanone	108-10-1	ug/L		< 50	50	U	50
Acetone	67-64-1	ug/L	50	< 50	50	U	50
Acrylonitrile	107-13-1	ug/L	5	< 25	25	U	25
Benzene	71-43-2	ug/L	**1**	**5,800**	25		25
Bromobenzene	108-86-1	ug/L	5	< 25	25	U	25
Bromochloromethane	74-97-5	ug/L	5	< 25	25	U	25
Bromodichloromethane	75-27-4	ug/L	50	< 50	50	U	50
Bromoform	75-25-2	ug/L	50	< 50	50	U	50
Bromomethane	74-83-9	ug/L	5	< 25	25	U	25
Carbon Disulfide	75-15-0	ug/L		< 50	50	U	50
Carbon tetrachloride	56-23-5	ug/L	5	< 25	25	U	25
Chlorobenzene	108-90-7	ug/L	5	< 25	25	U	25
Chloroethane	75-00-3	ug/L	5	< 25	25	U	25
Chloroform	67-66-3	ug/L	7	< 25	25	U	25
Chloromethane	74-87-3	ug/L	5	< 25	25	U	25
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 25	25	U	25
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 25	25	U	25
Dibromochloromethane	124-48-1	ug/L	50	< 50	50	U	50
Dibromomethane	74-95-3	ug/L	5	< 25	25	U	25
Dichlorodifluoromethane	75-71-8	ug/L	5	< 25	25	U	25
Ethylbenzene	100-41-4	ug/L	**5**	**1,600**	25		25
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 25	25	U	25
Isopropylbenzene	98-82-8	ug/L	**5**	**220**	25		25
m&p-Xylene	179601-23-1	ug/L		**4,100**	250		63
Methyl ethyl ketone	78-93-3	ug/L	50	< 50	50	U	50
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L		< 250	250	U	63
Methylene chloride	75-09-2	ug/L	5	< 25	25	U	25
Naphthalene	91-20-3	ug/L	**10**	**780**	25		25
n-Butylbenzene	104-51-8	ug/L	**5**	**130**	25		25
n-Propylbenzene	103-65-1	ug/L	**5**	**330**	25		25
o-Xylene	95-47-6	ug/L	**5**	**1,900**	25		25
p-Isopropyltoluene	99-87-6	ug/L	**5**	**180**	25		25
sec-Butylbenzene	135-98-8	ug/L	**5**	**91**	25		25
Styrene	100-42-5	ug/L	5	< 25	25	U	25
tert-Butylbenzene	98-06-6	ug/L	5	< 25	25	U	25
Tetrachloroethene	127-18-4	ug/L	5	< 25	25	U	25
Tetrahydrofuran (THF)	109-99-9	ug/L	50	< 50	50	U	50
Toluene	108-88-3	ug/L	**5**	**8,500**	50		50
Total Xylenes	1330-20-7	ug/L	**5**	**6,000**	25		25

Table 7
Post Gasoline UST Removal Standing Groundwater Analytical Summary
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id			CT42118			
	Collection Date			6/2/2025			
	Client Id			TANK-GW-1			
	Matrix			Ground Water			
Project Id : 60 MCLEAN AVE YONKERS							
	CAS	Units	TOGS 1.1.1 WQ/GA Table 1	Result	RL	Qual	MDL
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 25	25	U	25
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 25	25	U	25
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 25	25	U	25
Trichloroethene	79-01-6	ug/L	5	< 25	25	U	25
Trichlorofluoromethane	75-69-4	ug/L	5	< 25	25	U	25
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 25	25	U	25
Vinyl chloride	75-01-4	ug/L	2	< 25	25	U	25
Semivolatiles By SW8270E							
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L		< 35	35	U	35
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 51	51	U	15
1,2-Dichlorobenzene	95-50-1	ug/L		< 4.7	4.7	U	4.7
1,2-Diphenylhydrazine	122-66-7	ug/L		< 51	51	U	15
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 5.1	5.1	U	5.1
1,4-Dichlorobenzene	106-46-7	ug/L		< 5.0	5.0	U	5.0
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/L	5	< 5.0	5.0	U	5.0
2,4,5-Trichlorophenol	95-95-4	ug/L	1	< 9.1	9.1	U	9.1
2,4,6-Trichlorophenol	88-06-2	ug/L	1	< 5.1	5.1	U	5.1
2,4-Dichlorophenol	120-83-2	ug/L	1	< 5.1	5.1	U	5.1
2,4-Dimethylphenol	105-67-9	ug/L	1	< 5.1	5.1	U	5.1
2,4-Dinitrophenol	51-28-5	ug/L	1	< 9.1	9.1	U	9.1
2,4-Dinitrotoluene	121-14-2	ug/L	5	< 5.0	5.0	U	5.0
2,6-Dinitrotoluene	606-20-2	ug/L	5	< 5.0	5.0	U	5.0
2-Chloronaphthalene	91-58-7	ug/L	10	< 10	10	U	10
2-Chlorophenol	95-57-8	ug/L	1	< 5.1	5.1	U	5.1
2-Methylnaphthalene	91-57-6	ug/L		260	51		10
2-Methylphenol (o-cresol)	95-48-7	ug/L	1	< 10	10	U	9.1
2-Nitroaniline	88-74-4	ug/L	5	< 5.0	5.0	U	5.0
2-Nitrophenol	88-75-5	ug/L	1	< 9.1	9.1	U	9.1
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/L		< 10	10	U	10
3,3'-Dichlorobenzidine	91-94-1	ug/L	5	< 5.0	5.0	U	5.0
3-Nitroaniline	99-09-2	ug/L	5	< 5.0	5.0	U	5.0
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	1	< 9.1	9.1	U	9.1
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 51	51	U	15
4-Chloro-3-methylphenol	59-50-7	ug/L	1	< 9.1	9.1	U	9.1
4-Chloroaniline	106-47-8	ug/L	5	< 5.0	5.0	U	5.0
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 10	10	U	9.1
4-Nitroaniline	100-01-6	ug/L	5	< 5.0	5.0	U	5.0
4-Nitrophenol	100-02-7	ug/L	1	< 10	10	U	10
Acenaphthene	83-32-9	ug/L	20	< 20	20	U	10
Acenaphthylene	208-96-8	ug/L		< 20	20	U	10
Acetophenone	98-86-2	ug/L		< 51	51	U	16
Aniline	62-53-3	ug/L	5	< 5.0	5.0	U	5.0
Anthracene	120-12-7	ug/L	50	< 50	50	U	10
Benzidine	92-87-5	ug/L	5	< 5.0	5.0	U	5.0
Benzoic acid	65-85-0	ug/L		< 50	50	U	50
Benzyl butyl phthalate	85-68-7	ug/L	50	< 50	50	U	13
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	< 5.0	5.0	U	5.0
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	< 5.1	5.1	U	5.1
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	< 5.0	5.0	U	5.0
Carbazole	86-74-8	ug/L		< 51	51	U	38
Dibenzofuran	132-64-9	ug/L		< 5.0	5.0	U	5.0
Diethyl phthalate	84-66-2	ug/L	50	< 50	50	U	9.1
Dimethylphthalate	131-11-3	ug/L	50	< 50	50	U	16
Di-n-butylphthalate	84-74-2	ug/L	50	< 50	50	U	13
Di-n-octylphthalate	117-84-0	ug/L	50	< 50	50	U	13
Fluoranthene	206-44-0	ug/L	50	< 50	50	U	10
Fluorene	86-73-7	ug/L	50	< 50	50	U	10
Hexachlorobenzene	118-74-1	ug/L	0.04	< 5.1	5.1	U	5.1
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 10	10	U	10
Hexachlorocyclopentadiene	77-47-4	ug/L	5	< 5.0	5.0	U	5.0
Hexachloroethane	67-72-1	ug/L	5	< 5.0	5.0	U	5.0
Isophorone	78-59-1	ug/L	50	< 50	50	U	14
Naphthalene	91-20-3	ug/L	**10**	**560**	5.0		5.0
Nitrobenzene	98-95-3	ug/L	0.4	< 1.0	1.0	U	1.0
N-Nitrosodimethylamine	62-75-9	ug/L		< 51	51	U	14

Table 7
Post Gasoline UST Removal Standing Groundwater Analytical Summary
46-70 McLean Avenue, Yonkers, NY (BCP #C360211)

	Lab Sample Id			CT42118			
	Collection Date			6/2/2025			
	Client Id			TANK-GW-1			
	Matrix			Ground Water			
Project Id : 60 MCLEAN AVE YONKERS							
	CAS	Units	TOGS 1.1.1 WQ/GA Table 1	Result	RL	Qual	MDL
N-Nitrosodi-n-propylamine	621-64-7	ug/L		< 51	51	U	16
N-Nitrosodiphenylamine	86-30-6	ug/L	50	< 50	50	U	19
Pentachloronitrobenzene	82-68-8	ug/L		< 25	25	U	25
Pentachlorophenol	87-86-5	ug/L	1	< 10	10	U	8.1
Phenanthrene	85-01-8	ug/L	50	< 0.51	0.51	U	0.51
Phenol	108-95-2	ug/L	1	< 5.1	5.1	U	5.1
Pyrene	129-00-0	ug/L	50	< 50	50	U	17
Pyridine	110-86-1	ug/L	50	< 5.1	5.1	U	5.1
Semivolatiles (SIM) By SW8270E (SIM)							
Benz(a)anthracene	56-55-3	ug/L	**0.002**	**0.09**	0.02		0.02
Benzo(a)pyrene	50-32-8	ug/L		0.07	0.02		0.02
Benzo(b)fluoranthene	205-99-2	ug/L	**0.002**	**0.08**	0.02		0.02
Benzo(ghi)perylene	191-24-2	ug/L		< 0.51	0.51	U	0.51
Benzo(k)fluoranthene	207-08-9	ug/L	**0.002**	**0.07**	0.02		0.02
Chrysene	218-01-9	ug/L	**0.002**	**0.18**	0.02		0.02
Dibenz(a,h)anthracene	53-70-3	ug/L		< 0.51	0.51	U	0.51
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	**0.002**	**0.06**	0.02		0.02

Qualifiers

U — The compound was anlayzed for but not detected at or above the MDL.
The number immediately preceding the "U" represents the PQL reporting level
corrected for percent solids, weight and/or volume calculations, and dilution factors.

Result Detected **BOLD**

Result Exceeds Criteria **BOLD**

Table 8
Post Remedial Groundwater Analytical Results
46-70 McLean Avenue, Yonkers, NY - BCP #C360211

LOCATION				MW-4B		MW-6B		MW-14		MW-12		MW-2B		MW-DUP		FIELD BLANK	
SAMPLING DATE				9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025	
LAB SAMPLE ID				L2559574-01		L2559574-02		L2559574-03		L2559574-04		L2559574-05		L2559574-06		L2559574-07	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
1,2-Dichlorobenzene	95-50-1	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
1,3-Dichlorobenzene	541-73-1	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
1,4-Dichlorobenzene	106-46-7	3	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2,4-Dinitrotoluene	121-14-2	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2,6-Dinitrotoluene	606-20-2	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	5	U	2.5	J	0.96	J	5	U	5	U	5	U	-	-
Hexachlorocyclopentadiene	77-47-4	5	ug/l	20	U	20	U	20	U	20	U	20	U	20	U	-	-
Isophorone	78-59-1	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Nitrobenzene	98-95-3	0.4	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
NDPA/DPA	86-30-6	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	3	U	3	U	3	U	38		3	U	3	U	-	-
Butyl benzyl phthalate	85-68-7	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Di-n-butylphthalate	84-74-2	50	ug/l	5	U	5	U	1	J	1.2	J	1.4	J	1.3	J	-	-
Di-n-octylphthalate	117-84-0	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Diethyl phthalate	84-66-2	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Dimethyl phthalate	131-11-3	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Biphenyl	92-52-4		ug/l	2	U	0.49	J	2	U	0.27	J	2	U	2	U	-	-
4-Chloroaniline	106-47-8	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2-Nitroaniline	88-74-4	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
3-Nitroaniline	99-09-2	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
4-Nitroaniline	100-01-6	5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Dibenzofuran	132-64-9		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	-	-
Acetophenone	98-86-2		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
p-Chloro-m-cresol	59-50-7		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
2-Chlorophenol	95-57-8		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
2,4-Dichlorophenol	120-83-2	1	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2,4-Dimethylphenol	105-67-9	50	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2-Nitrophenol	88-75-5		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	-	-
4-Nitrophenol	100-02-7		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	-	-
2,4-Dinitrophenol	51-28-5	10	ug/l	20	U	20	U	20	U	20	U	20	U	20	U	-	-
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	10	U	10	U	10	U	10	U	10	U	-	-
Phenol	108-95-2	1	ug/l	5	U	2.3	J	6.1		5	U	1.3	J	2.9	J	-	-
2-Methylphenol	95-48-7		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	5	U	5	U	5	U	5	U	5	U	-	-
Benzoic Acid	65-85-0		ug/l	50	U	50	U	50	U	50	U	50	U	50	U	-	-
Benzyl Alcohol	100-51-6		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
Carbazole	86-74-8		ug/l	2	U	2	U	2	U	2	U	2	U	2	U	-	-
Semivolatile Organics by GC/MS-SIM																	
Acenaphthene	83-32-9	20	ug/l	0.1	U	0.09	J	0.06	J	0.05	J	0.1	U	0.08	J	0.1	U
2-Chloronaphthalene	91-58-7	10	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	206-44-0	50	ug/l	0.1	U	0.06	J	0.04	J	0.03	J	0.1	U	0.05	J	0.1	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	91-20-3	10	ug/l	0.07	J	31		13		15		3		20		0.04	J
Benzo(a)anthracene	56-55-3	0.002	ug/l	0.1	U	0.04	J	0.1	U	0.04	J	0.03	J	0.1	U	0.1	U
Benzo(a)pyrene	50-32-8	0	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	218-01-9	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	208-96-8		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	120-12-7	50	ug/l	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	191-24-2		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Table 8
Post Remedial Groundwater Analytical Results
46-70 McLean Avenue, Yonkers, NY - BCP #C360211

LOCATION				MW-4B		MW-6B		MW-14		MW-12		MW-2B		MW-DUP		FIELD BLANK	
SAMPLING DATE				9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025	
LAB SAMPLE ID				L2559574-01		L2559574-02		L2559574-03		L2559574-04		L2559574-05		L2559574-06		L2559574-07	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Fluorene	86-73-7	50	ug/l	0.1	U	0.08	J	0.05	J	0.05	J	0.1	U	0.07	J	0.1	U
Phenanthrene	85-01-8	50	ug/l	0.1	U	0.06	J	0.1	U	0.05	J	0.06	J	0.05	J	0.06	J
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	129-00-0	50	ug/l	0.1	U	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylnaphthalene	91-57-6		ug/l	0.05	J	10		5.8		6		3.2		9.8		0.1	U
Pentachlorophenol	87-86-5	1	ug/l	0.8	U	0.14	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobenzene	118-74-1	0.04	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachloroethane	67-72-1	5	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Volatile Organics by GC/MS																	
Methylene chloride	75-09-2	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Chloroform	67-66-3	7	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Carbon tetrachloride	56-23-5	5	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
1,2-Dichloropropane	78-87-5	1	ug/l	1	U	2.5	U	1	U	2.5	U	1	U	2.5	U	1	U
Dibromochloromethane	124-48-1	50	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	1.5	U	3.8	U	1.5	U	3.8	U	1.5	U	3.8	U	1.5	U
Tetrachloroethene	127-18-4	5	ug/l	0.5	U	1.2	U	0.18	J	1.2	U	0.5	U	1.2	U	0.5	U
Chlorobenzene	108-90-7	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Trichlorofluoromethane	75-69-4	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	4.3		0.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Bromodichloromethane	75-27-4	50	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
1,1-Dichloropropene	563-58-6	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Bromoform	75-25-2	50	ug/l	2	U	5	U	2	U	5	U	2	U	5	U	2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
Benzene	71-43-2	1	ug/l	1.8		230		0.5	U	5.9		2.6		280		0.5	U
Toluene	108-88-3	5	ug/l	2.5		36		2.5	U	8.8		1.4	J	26		2.5	U
Ethylbenzene	100-41-4	5	ug/l	15		99		2.5	U	21		8.8		74		2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Bromomethane	74-83-9	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Vinyl chloride	75-01-4	2	ug/l	1	U	2.5	U	1	U	2.5	U	1	U	2.5	U	1	U
Chloroethane	75-00-3	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Trichloroethene	79-01-6	5	ug/l	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U	1.2	U	0.5	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	45		120		2.5	U	65		24		100		2.5	U
o-Xylene	95-47-6	5	ug/l	11		27		1.4	J	37		4.8		26		2.5	U
Xylenes, Total	1330-20-7		ug/l	56		150		1.4	J	100		29		130		2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Dibromomethane	74-95-3	5	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Acrylonitrile	107-13-1	5	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
Styrene	100-42-5	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
Acetone	67-64-1	50	ug/l	5	U	12	U	2.2	J	12	U	3.4	J	12	U	2.5	J
Carbon disulfide	75-15-0	60	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
2-Butanone	78-93-3	50	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
Vinyl acetate	108-05-4		ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	26		5	U	12		5	U	33		5	U
2-Hexanone	591-78-6	50	ug/l	5	U	12	U	5	U	12	U	5	U	12	U	5	U
Bromochloromethane	74-97-5	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
2,2-Dichloropropane	594-20-7	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	2	U	5	U	2	U	5	U	2	U	5	U	2	U

Table 8
Post Remedial Groundwater Analytical Results
46-70 McLean Avenue, Yonkers, NY - BCP #C360211

LOCATION				MW-4B		MW-6B		MW-14		MW-12		MW-2B		MW-DUP		FIELD BLANK	
SAMPLING DATE				9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025		9/19/2025	
LAB SAMPLE ID				L2559574-01		L2559574-02		L2559574-03		L2559574-04		L2559574-05		L2559574-06		L2559574-07	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
SAMPLE DEPTH (ft.)																	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,3-Dichloropropane	142-28-9	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Bromobenzene	108-86-1	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	0.88	J	8.5		2.5	U	5.4	J	2.5	U	7.2		2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	0.93	J	11		2.5	U	8.5		2.5	U	10		2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	2.5	U	3.1	J	2.5	U	1.8	J	2.5	U	2.9	J	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
p-Chlorotoluene	106-43-4	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	3.6		73		2.5	U	40		1.4	J	65		2.5	U
p-Isopropyltoluene	99-87-6	5	ug/l	1.5	J	14		2.5	U	13		2.5	U	11		2.5	U
Naphthalene	91-20-3	10	ug/l	4.1		56		2.5	U	42		1.6	J	35		2.5	U
n-Propylbenzene	103-65-1	5	ug/l	4		80		2.5	U	40		1.5	J	74		2.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	8		27		2.5	U	68		2.4	J	25		2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	22		120		2.5	U	210		7.4		82		2.5	U
1,4-Dioxane	123-91-1	0.35	ug/l	250	U	620	U	250	U	620	U	250	U	620	U	250	U
p-Diethylbenzene	105-05-5		ug/l	5.7		13		2	U	7.1		2	U	12		2	U
p-Ethyltoluene	622-96-8		ug/l	21		50		1.6	J	86		9		42		2	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	1.2	J	23		2	U	13		2	U	20		2	U
Ethyl ether	60-29-7		ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U	6.2	U	2.5	U

* Comparison is not performed on parameters with non-numeric criteria.
U = Non Detect
AWQS = NYSDEC Ambient Water Quality Standards
ug/L = micrograms per liter
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 9 - Import Trucking Log
46-70 McLean Avenue, Yonkers, NY
NCP #C360211

Date	Facility	Material	Ticket #	Truck ID	Manifest	Project Site	Tons
12/20/2022	Tilcon - Mt. Hope	#57 Stone	41854691	AU706U	N/A	60 Mclean Ave.	27.7
12/20/2022	Tilcon - Mt. Hope	#57 Stone	41854893	AU706U	N/A	60 Mclean Ave.	27.96
12/20/2022	Tilcon - Mt. Hope	#57 Stone	41855039	AU706U	N/A	60 Mclean Ave.	27.97
6/5/2023	Tilcon - Mt. Hope	#57 Stone	41810690	AX595U	N/A	60 Mclean Ave.	25.63
6/28/2023	Tilcon - Mt. Hope	#57 Stone	41894012	AT880N	N/A	60 Mclean Ave.	24.56
6/28/2023	Tilcon - Mt. Hope	#57 Stone	41894109	AT880N	N/A	60 Mclean Ave.	25.23
6/28/2023	Tilcon - Mt. Hope	#57 Stone	41894192	AT880N	N/A	60 Mclean Ave.	24.17
7/31/2023	Tilcon - Mt. Hope	#57 Stone	418003551	AW449Y	N/A	60 Mclean Ave.	24.47
7/31/2023	Tilcon - Mt. Hope	#57 Stone	418003724	AW449Y	N/A	60 Mclean Ave.	25.07
8/1/2023	Tilcon - Mt. Hope	#57 Stone	418003890	AW449Y	N/A	60 Mclean Ave.	24.75
8/1/2023	Tilcon - Mt. Hope	#57 Stone	418004010	AX717S	N/A	60 Mclean Ave.	24.97
8/2/2023	Tilcon - Mt. Hope	#57 Stone	418004078	AU330Y	N/A	60 Mclean Ave.	26.18
2/24/2025	Tilcon - Mt. Hope	#57 Stone	418201440	AS463U	N/A	60 Mclean Ave.	25.07
2/24/2025	Tilcon - Mt. Hope	#57 Stone	418201570	AX461U	N/A	60 Mclean Ave.	25.31
2/25/2025	Tilcon - Mt. Hope	#57 Stone	418202083	AT515L	N/A	60 Mclean Ave.	24.86
2/26/2025	Tilcon - Mt. Hope	#57 Stone	418202320	AW859D	N/A	60 Mclean Ave.	25.56
2/26/2025	Tilcon - Mt. Hope	#57 Stone	418202501	AW710R	N/A	60 Mclean Ave.	25.38
2/26/2025	Tilcon - Mt. Hope	#57 Stone	418202514	AS462U	N/A	60 Mclean Ave.	27.67
2/27/2025	Tilcon - Mt. Hope	#57 Stone	418202713	AT879N	N/A	60 Mclean Ave.	25.28
2/28/2025	Tilcon - Mt. Hope	#57 Stone	418203217	AW671S	N/A	60 Mclean Ave.	24.52
3/10/2025	Tilcon - Mt. Hope	#57 Stone	418206418	AS463U	N/A	60 Mclean Ave.	26.21
3/11/2025	Tilcon - Mt. Hope	#57 Stone	418206976	AU521N	N/A	60 Mclean Ave.	26.21
4/4/2025	Tilcon - Mt. Hope	#57 Stone	418218487	AW449Y	N/A	60 Mclean Ave.	25.39
4/4/2025	Tilcon - Mt. Hope	#57 Stone	418218503	AZ570R	N/A	60 Mclean Ave.	25.13
4/7/2025	Tilcon - Mt. Hope	#57 Stone	418218709	AU435J	N/A	60 Mclean Ave.	26.05
4/8/2025	Tilcon - Mt. Hope	#57 Stone	418219583	AU465J	N/A	60 Mclean Ave.	26.27
7/10/2025	Tilcon - Mt. Hope	#57 Stone	418261771	AT878N	N/A	60 Mclean Ave.	25.71
7/11/2025	Tilcon - Mt. Hope	#57 Stone	418262192	AU426R	N/A	60 Mclean Ave.	26.02
7/11/2025	Tilcon - Mt. Hope	#57 Stone	418262233	AT878N	N/A	60 Mclean Ave.	24.82
7/12/2025	Tilcon - Mt. Hope	#57 Stone	418262606	AW919X	N/A	60 Mclean Ave.	24.93
7/18/2025	Tilcon - Mt. Hope	#57 Stone	418252570	AU521N	N/A	60 Mclean Ave.	25.24
7/21/2025	Tilcon - Mt. Hope	#57 Stone	418253557	AZ510N	N/A	60 Mclean Ave.	24.39
						TOTAL	**818.68**