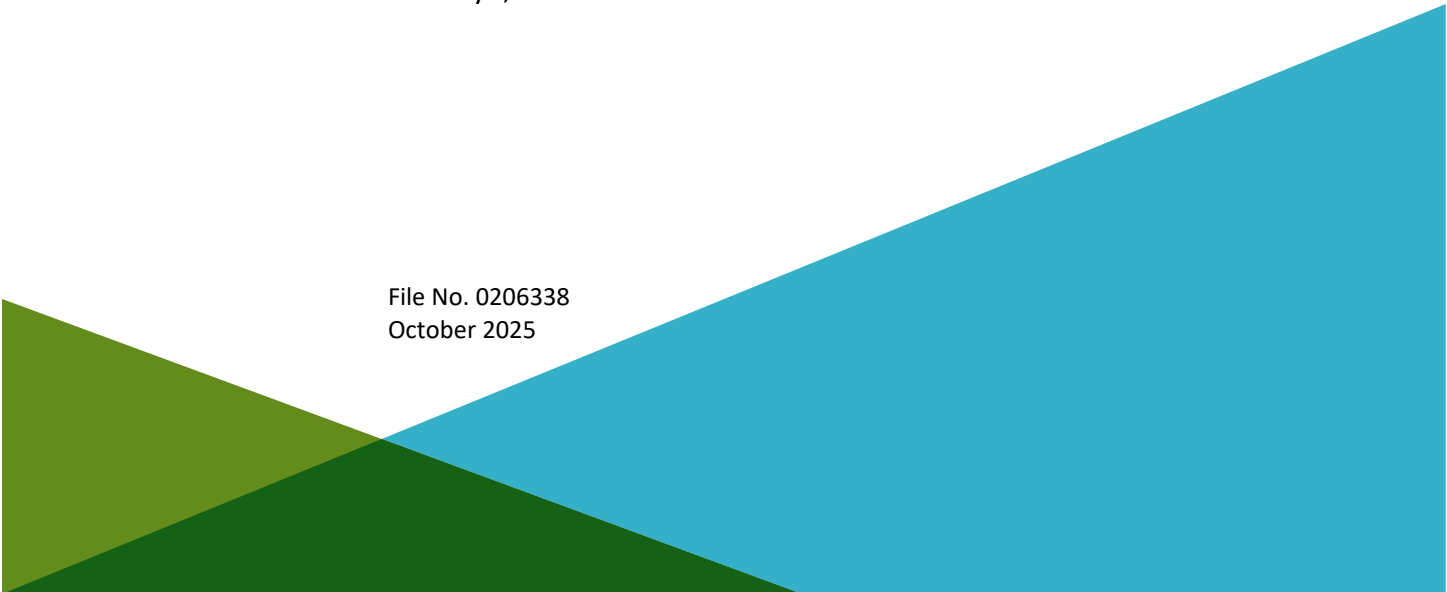


REMEDIAL INVESTIGATION REPORT
60 WILLIAM STREET DEVELOPMENT
NEWBURGH, NEW YORK
NYSDEC BCP SITE NO. C336098
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

by
H & A of New York Engineering and Geology, LLP
New York, New York

for
60 William St. LLC
Brooklyn, New York

File No. 0206338
October 2025





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REMEDIAL INVESTIGATION REPORT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK
NYSDEC BCP SITE NO. C336098

PREPARED FOR
60 WILLIAM ST. LLC
BROOKLYN, NEW YORK

REVIEWED AND APPROVED BY:

A blue ink signature of Matthew Levy, consisting of stylized initials 'ML' followed by a horizontal line.

Matthew Levy
Senior Project Manager
H & A of New York Engineering and Geology, LLP

A black ink signature of Mari Cate Conlon, written in a cursive style.

Mari Cate Conlon, P.G.
Senior Associate
H & A of New York Engineering and Geology, LLP

Certification

This report documents remedial investigation activities conducted at 60 William Street, in Newburgh, New York.

I, Mari Cate Conlon, certify that I am currently a Qualified Environmental Professional as defined in Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375, that this Remedial Investigation Report¹ was prepared in accordance with all statutes and regulations and in substantial conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), and that all activities were performed in full accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved work plan(s) and any NYSDEC-approved modifications.



Mari Cate Conlon, P.G., Senior Associate

October 1, 2025

Date

¹ Certification applies to remedial investigation activities conducted after the execution of a Brownfield Cleanup Agreement dated February 22, 2024.

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L	Data Usability Summary Reports
M	Daily Reports

List of Acronyms and Abbreviations

µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
A	
AARCO	AARCO Environmental Services Inc.
amsl	above Mean Sea Level
AOCs	Areas of Concern
ASP	Analytical Services Protocol
AWQS	6 NYCRR Part 703.5 NYSDEC Technical and operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQS)
B	
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
Bgs	below ground surface
Bloodhound	Bloodhound Underground Utility Locators
BTEX	benzene, toluene, ethylbenzene, total xylenes
C	
CAMP	Community Air Monitoring Plan
CHASP	Construction Health and Safety Plan
COCs	Contaminants of Concern
CP-51	Commissioners Policy-51 (<i>specifically "October 2010 NYSDEC Commissioners Policy 51"</i>)
CREC	Controlled Recognized Environmental Condition
CSM	Conceptual Site Model
CVOCs	chlorinated volatile organic compounds
D	
DER-10	Division of Environmental Remediation-10 (<i>specifically "May 2010 NYSDEC Technical Guidance for Site Investigation and Remediation"</i>)
DUSR	Data Usability Summary Report
E	
ELAP	Environmental Laboratory Approval Program
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
Eurofins	Eurofins Environment Testing Northeast, LLC

List of Acronyms and Abbreviations (continued)

F

FSP	Field Sampling Plan
ft	feet

G

GPR	ground penetrating radar
GVs	Guidance Values

H

Haley & Aldrich of New York	H & A of New York Engineering and Geology, LLP
HASP	Health & Safety Plan
HAZWOPER	Health Administration Hazardous Waste Operations and Emergency Response
HREC	Historical Recognized Environmental Condition

I

in.	inch
-----	------

L

L/min	liters per minute
Lakewood	Lakewood Environmental Services, Corp.

M

MDL	method detection limit
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mL/min	milliliters per minute
MS	matrix spike
MSD	matrix spike duplicate

N

ND	non-detect
NTU	nephelometric turbidity units
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation

O

OSHA	Occupational Safety and Health Administration
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List of Acronyms and Abbreviations (continued)

P

PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	photoionization detector
PM10	particulate matter smaller than 10 microns in diameter
ppb	parts per billion
PPE	Personal protective equipment
ppm	parts per million
ppt	parts per trillion
PQL	practical quantitation limit
PVC	polyvinyl chloride

Q

QA/QC	Quality Assurance/Quality Control
QAO	Quality Assurance Officer
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional

R

RA	Remedial Action
RAWP	Remedial Action Work Plan
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted-Residential Soil Cleanup Objectives

S

SCO	Soil Cleanup Objective
SES	Smit Environmental Services, LLC
Site	the property located at 58-60 William Street, Newburgh, New York
SMMP	Soil Materials Management Plan
sq ft	square feet
SVOC	semi-volatile organic compound

List of Acronyms and Abbreviations (continued)

T

TAL	Target Analyte List
TCE	trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOGS 1.1.1	Technical and Operational Guidance Series 1.1.1 (<i>Specifically “June 1998 NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA for the protection of a source of drinking water modified per the April 2000 addendum”</i>)

U

USEPA	U.S. Environmental Protection Agency
UST	underground storage tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives

V

VOCs	volatile organic compounds
Volunteer	60 William St. LLC

1. Introduction

This Remedial Investigation Report (RIR) was developed by H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) on behalf of 60 William St. LLC for the proposed 60 William Street Development Site, located at 58-60 William Street in Newburgh, New York (the Site). 60 William St. LLC applied to and was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) as a Volunteer. A Brownfield Cleanup Agreement (BCA) was executed by the NYSDEC on February 22, 2024, with 60 William St. LLC (the “Volunteer”) (BCP Site No. C336098).

The Site, identified as Block 3, Lot 32.2 (formerly Lots 31 and 32) on the City of Newburgh Tax Map, is approximately 7,362 square feet (sq ft) in size (0.169 acres²). The Site is bound to the north by a multi-story residential building; to the east by William Street followed by mixed-use commercial, office, and residential buildings; to the south by vacant mixed-use commercial and residential buildings; and to the west by a recreational park adjacent to Hasbrouck Street. The Site is currently vacant.

The Site is located in a medium-density residential (RM) area overlaid with a commercial district (CD) within the East End Historic District as shown on the Newburgh Zoning Map. The proposed development of this property is consistent with the current zoning. The Site is located in an urban area surrounded by commercial and residential properties. The planned project will consist of the development of a new four-story mixed-use, R-2 residential and business retail building with one full cellar level. The proposed development plans can be found in **Appendix A**. The Project Locus is shown on **Figure 1**, and the Site Map is provided as **Figure 2**.

The activities of this Remedial Investigation (RI) were completed from August 27, 2024, through September 6, 2024, in conformance with the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and the Remedial Investigation Work Plan (RIWP) approved by NYSDEC in July 2024. Supplemental sampling activities were completed from July 15, 2025, through July 24, 2025, in accordance with the above-referenced documents as well as the NYSDEC-approved May 29, 2025, RIWP Addendum.

1.1 PURPOSE AND OBJECTIVES

Previous subsurface investigations conducted at the Site identified the presence of urban fill with elevated concentrations of metals and semi-volatile organic compounds (SVOCs) in soil and elevated concentrations of chlorinated volatile organic compounds (CVOCs), petroleum-related volatile organic compounds (VOCs), and other VOCs in sub-slab soil vapor, soil vapor, and groundwater. A summary of the soil, groundwater, and soil vapor analytical data collected previously is discussed herein and is included in the RIWP. The RI activities described in this report were designed to further delineate the extent of contamination on the Site through additional investigation and sampling. Sample locations are shown on **Figure 3**. The results of this RI will be used to confirm the results of the previous Site characterization activities, delineate any on-site source(s), and determine a course for remedial action (RA).

² As per an amendment to the BCA executed on July 2, 2025, the Site size was reduced by 0.009 acres to remove the 15-foot (ft) by 25-ft northwest area that currently operates as part of the park.

2. Site Background

2.1 SITE LOCATION AND DESCRIPTION

The Site is an irregular-shaped lot approximately 7,362 sq ft in size (approximately 0.169 acres). The Site is comprised of one tax lot, Lot 32.2 (formerly Lot 31 and 32), on the City of Newburgh Tax Map. The Site is currently vacant and was most recently a service station and an auto repair shop on former Lot 32 and a two-story residential building on former Lot 31. The Site is bound to the north by a multi-story residential building; to the east by William Street followed by mixed-use commercial, office, and residential buildings; to the south by vacant mixed-use commercial and residential buildings; and to the west by a recreational park adjacent to Hasbrouck Street.

The Project Locus is shown on **Figure 1**, and the Site Plan is provided as **Figure 2**. The sample location map is provided as **Figure 3**.

According to the City of Newburgh Zoning Map, the Site is currently zoned as a medium-density residential area with a commercial zoning district (CD) overlay within the East End Historic District. The Site is located in an urban area surrounded by commercial and residential properties. The planned project will consist of the development of a new four-story, R-2 residential and business retail, mixed-use building with one full cellar level. The proposed development of this property will be consistent with the current zoning.

2.2 GEOLOGY AND HYDROGEOLOGY

The Site's stratigraphy, from the surface down, consists of fill material generally consisting of light to dark brown to orange, coarse to medium silty sand and sandy silt with varying amounts of brick, gravel, concrete, organic matter, fines, and clay observed from surface grade to approximately 5 to 9 ft below ground surface (bgs). The fill layer is deepest within the western portion of the Site as identified in RI soil boring SB-04, where fill was observed up to 9 ft bgs. The fill layer is underlain by a potential native layer consisting of light brown to dark brown coarse to medium sand with varying amounts of fines, silt, clay, and gravels. Deeper borings located on the eastern portion of the Site observed higher concentrations of grey silty sand with trace clay and gravels extending down to approximately 20 ft bgs. The ground level elevation on the Site is approximately 145 ft above mean sea level (amsl).

Groundwater was encountered at depths ranging from approximately 7.6 to 12.3 ft bgs during this RI, and groundwater flow beneath the Site is generally from west to northeast towards the Hudson River. A groundwater contour map is provided on **Figure 4**.

2.3 SITE HISTORY

Based on a Phase I conducted by Smit Environmental Services (SES) for the Site in July 2022 and a Phase I conducted in December 2022, the Site was developed in the late 1800s and occupied by residential and commercial properties on former Lot 31 and Lot 32. The 1957 Sanborn map depicts gasoline tanks within the southeastern corner of Lot 32 and in the northeastern corner of Lot 32, bordering Lot 31. The gasoline tanks were present on the Sanborn maps from 1957 to 1971, coinciding with an auto repair shop and

service station operating as “Sam & Irv’s Service Station.” It is unknown how long the service station remained in operation; however, the buildings on Lot 32 were depicted as demolished by 1987. Lot 31 is currently a vacant, two-story residential building.

2.4 REDEVELOPMENT PLANS

At this time, Site development plans are conceptual; however, it is anticipated that the project will consist of the construction of a new four-story mixed-use building, with one full cellar level. The new development is anticipated to extend to approximately 10 to 12 ft bgs.

3. Summary of Previous Investigations

The following reports were prepared for the Site prior to submission of the RIR:

1. May 2022 Site Remediation Proposal, prepared by SES
2. July 2022 Phase I Environmental Site Assessment (ESA), prepared by SES
3. December 2022 Phase I ESA, prepared by Haley & Aldrich of New York
4. March 2023 Preliminary Geotechnical Investigation, prepared by Haley & Aldrich of New York
5. April 2023 Limited Phase II Environmental Site Investigation (ESI) Report, prepared by Haley & Aldrich of New York

Copies of previous reports are included in **Appendix B**. A summary of the environmental findings of these investigations is provided below

May 2022 Site Remediation Proposal Prepared by SES

SES conducted a limited subsurface investigation in the vicinity of the anomalies detected during a ground-penetrating radar (GPR) survey. Two metal anomalies, suspected to be underground storage tanks (USTs), were identified on Lot 32 during the GPR survey. One anomaly was located on the southern portion of the property and the other on the northeastern portion bordering Lot 31. Two gasoline tanks were also identified on historic Sanborn maps, one located on the southeast portion and the other on the northeast portion of Lot 32. A limited subsurface investigation was conducted in the vicinity of the anomalies identified during the survey and included the installation of two soil borings (B1 and B2) to 10 ft bgs. Elevated photoionization detector (PID) readings were detected from 4 to 10 ft bgs at boring B1, ranging from 35.7 to 156.8 parts per million (ppm). One soil sample was collected from boring B1, and analytical results indicated the presence of two VOCs above Unrestricted Use Soil Cleanup Objectives (UUSCOs) and one SVOC above laboratory detection limits. A copy of the survey can be found in **Appendix C**.

July 2022 Phase I ESA Prepared by SES

SES conducted a Phase I ESA for 60 William Street (Lot 32) in July 2022. SES identified two Recognized Environmental Conditions (RECs) associated with the property, including two USTs detected during the GPR survey and the presence of impacted soil surrounding the tanks during a limited subsurface investigation. SES also identified one environmental issue in connection to the subject property, including the subject property's historic use as an auto repair facility.

December 2022 Phase I ESA Prepared by Haley & Aldrich of New York

Haley and Aldrich of New York conducted a Phase I ESA at 56-60 William Street (Lots 30, 31, and 32). Haley and Aldrich of New York identified that the Site was developed with a shed and a two-story dwelling on

Lot 32, and a dwelling and shed were developed on Lots 30 and 31 by 1884. By 1890, the dwelling on Lot 32 appears to have been divided into two separate three-story dwellings. By 1890, a building operating as a “print shop” was depicted on Lot 30. By 1913, the dwellings on Lot 32 were labeled as “flats,” and an operating blacksmith was depicted on the northeast corner of Lot 32, while a shed appears to have been added on to the western end of the dwelling on Lot 31 with another shed built on the southwestern portion of Lot 31, and a store was present on Lot 30. On the 1957 Sanborn map, gasoline tanks are depicted on the southeast corner of Lot 32 and in the northeast corner of Lot 32 bordering Lot 31. The gasoline tanks are present on Sanborn maps from 1957 to 1971. By the late 1960s, the flats previously depicted on Lot 32 were shown as an auto repair shop and service station, operating as “Sam & Irv’s Service Station,” however, the buildings on Lot 32 were depicted as demolished by 1987 and the subject property is currently vacant.

The following environmental concerns were identified in connection with the Site:

- One REC is associated with the Site: the historic use of the Site as an auto repair facility and service station as well as two gasoline tanks with no accompanying documentation of registration, closure, or removal available.
- One Historic Recognized Environmental Condition (HREC) is associated with the Site, including a spill that was reported due to a leak in the fuel pump of a boiler. Approximately two gallons of No. 2 fuel oil were spilled on the concrete floor. The spill was reportedly cleaned up and the NYSDEC closed the case in February 1992.
- Site reconnaissance conducted as part of the Phase I ESA identified evidence of fire damage on the vacant buildings on Lots 30 and 31, and a dry cleaner was observed southeast and cross-gradient to the Site across William Street.

The Phase I ESA did not identify any Controlled Recognized Environmental Conditions (CRECs) associated with the Site.

It should be noted that 56 Williams Street (Lot 30) was not further investigated under the RIWP and is not part of the Site.

***March 2023 Preliminary Geotechnical Investigation
Prepared by Haley & Aldrich of New York***

Haley & Aldrich of New York completed a preliminary geotechnical investigation at the Site between February 21 and February 23, 2023. This investigation included the advancement of two test borings and identified a fill layer ranging in depth from 5 to 11 ft bgs, followed by glacial deposits and decomposed bedrock. Groundwater was encountered during this investigation between 10.2 and 10.7 ft bgs.

***April 2023 Limited Phase II ESI
Prepared by Haley & Aldrich of New York***

Haley & Aldrich of New York completed a Limited Phase II ESI at the Site to investigate soil, groundwater, and sub-slab soil vapor quality beneath the Site. The investigation was performed on February 22, February 23, and February 24, 2023, and March 2, 2023, and included the installation of seven soil borings

to depths between 1 and 10 ft bgs, the installation of one permanent monitoring well to 20 ft bgs, and the installation of two temporary sub-slab soil vapor points to a depth of approximately 1 ft bgs. In total, seven soil samples, one groundwater sample, and two sub-slab soil vapor samples were collected. Field observations and laboratory analytical results are summarized below:

Soil

Urban fill, generally consisting of light to dark brown, coarse to medium silty sand, and varying amounts of brick, gravel, and concrete, was observed from surface grade to approximately 4 to 6 ft bgs in each soil boring. The urban fill layer was underlain by a potential native layer consisting of light brown to orange-brown coarse to medium sand with varying amounts of silt, clay, gravel, and ceramic pieces.

- Soil analytical results were compared to NYSDEC Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 UUSCOs, Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). Soil samples collected during the investigation revealed the following:
 - No VOCs were detected at concentrations exceeding UUSCOs or RRSCOs in any of the seven soil samples collected.
 - SVOCs were identified in soil sample B-04 (0-1) at concentrations exceeding UUSCOs, RRSCOs, and/or PGWSCOs. Two SVOCs were detected in B-04 (0-1) at concentrations exceeding UUSCOs, RRSCOs, and PGWSCOs, including benzo(a)anthracene (concentration 1.9 milligrams per kilogram [mg/kg]), and benzo(a)pyrene (concentration 2.1 mg/kg). Chrysene (maximum concentration 2.2 mg/kg) was detected in B-04 (0-1) at a concentration exceeding the UUSCO and PGWSCO but below the RRSCO. Two SVOCs were detected in B-04 (0-1) at concentrations exceeding UUSCOs and RRSCOs, but were below PGWSCOs, including benzo(b)fluoranthene (maximum concentration 2.6 mg/kg), and indeno(1,2,3-cd)pyrene (concentration 1.4 mg/kg). Benzo(k)fluoranthene (concentration 0.82 mg/kg) was detected in B-04 (0-1) exceeding UUSCOs but below RRSCOs.
 - Metals were identified in soil sample B-04 (0-1) at concentrations exceeding UUSCOs, RRSCOs, and/or PGWSCOs. Concentrations of three metals exceeded RRSCOs and PGWSCOs, including arsenic (maximum concentration of 35.4 mg/kg), lead (maximum concentration 2,770 mg/kg), and mercury (maximum concentration 1.33 mg/kg). Barium (maximum concentration of 535 mg/kg) was identified in soil sample B-04 (0-1) at concentrations above RRSCOs, but below PGWSCOs. Two metals were identified in soil sample B-04 (0-1) at concentrations above UUSCOs, but below RRSCOs and PGWSCOs, including zinc (maximum concentration of 818 mg/kg), and copper (maximum concentration of 93.9 mg/kg). Metals were also identified in soil samples B-01 (1-3) and B-03 (4-6) at concentrations above UUSCOs, but below RRSCOs and PGWSCOs, including lead (maximum concentration of 70.1 mg/kg in B-01 (1-3)), and mercury (maximum concentration of 0.547 mg/kg in B-01 (1-3) and 0.244 mg/kg in B-03 (4-6)).

Groundwater

Groundwater sample OW-1-20230223 was analyzed for VOCs and analytical results were compared to 6 NYCRR Part 703.5 NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) Ambient Water Quality Standards (AWQS).

- No VOCs were detected above the AWQS in the groundwater sample collected from OW-1.

Sub-Slab Soil Vapor

No standard currently exists for soil vapor samples in New York State. Total VOC concentrations in sub-slab soil vapor samples ranged from 933 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SG-02 to 4,330 $\mu\text{g}/\text{m}^3$ in SG-01. Total benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations ranged from 134 $\mu\text{g}/\text{m}^3$ in SG-02 to 4,143 $\mu\text{g}/\text{m}^3$ in SG-01. Total concentrations of CVOCs in sub-slab soil vapor samples ranged from non-detect in SG-02 to 35.3 $\mu\text{g}/\text{m}^3$ in SG-01. The CVOC tetrachloroethene (PCE) was detected at a concentration of 35.3 $\mu\text{g}/\text{m}^3$ in SG-01.

4. Remedial Investigation Approach

4.1 PROJECT TEAM

A project team for the Site was created based on qualifications and experience with personnel suited for the successful completion of the project.

Mari Cate Conlon, P.G., was the Qualified Environmental Professional (QEP) and Principal In Charge for this work. In this role, Ms. Conlon was responsible for the overall completion of each task as per the requirements outlined in the Field Sampling Plan (FSP) and in accordance with the DER-10 guidance.

Matthew Levy was the Haley & Aldrich of New York Project Manager for this work. In this role, Mr. Levy managed the day-to-day tasks, including coordination and supervision of field engineers and scientists, adherence to the FSP, and oversight of the project schedule.

Nicholas J. Manzione, E.I.T., was the Assistant Project Manager for this work and also acted as the Quality Assurance Officer (QAO). The QAO ensured the application and effectiveness of the Quality Assurance Project Plan (QAPP) by the analytical laboratory and the project staff, provided input to the field team as to corrective actions that may have been required as a result of the above-mentioned evaluations, and prepared and/or reviewed data validation and audited reports.

Annilese Stewart and Joseph Mastro were the geologists responsible for implementing the field effort for this work. Ms. Stewart's and Mr. Mastro's responsibilities included implementing the FSP activities and supplemental work plan activities and directing the subcontractors to ensure the successful completion of field activities.

The drilling subcontractor utilized for this investigation was Lakewood Environmental Services Corp. (Lakewood). Lakewood provided a Geoprobe® 6610DT track-mounted direct-push drill rig and operator to implement the RI scope of work, including advancement of soil borings, installation of groundwater monitoring wells, and installation of soil vapor probes.

The drilling subcontractor utilized for supplemental investigation activities was AARCO Environmental Services Inc. (AARCO). AARCO provided a track-mounted Geoprobe® 7822DT direct-push drill rig and operator to implement the supplemental sampling scope of work, including advancement of soil borings and installation of groundwater monitoring wells.

Samples were collected in laboratory-prepared sample bottles (pre-preserved when appropriate), placed in ice-packed coolers maintained at approximately 4 degrees Celsius under standard chain-of-custody procedures, and transported to Eurofins Environment Testing Northeast, LLC (Eurofins) of Edison, New Jersey (Certification No. 11452). Soil vapor samples were collected in laboratory-supplied batch certified-clean 6-liter Summa® canisters with two-hour flow controllers and transported under standard chain-of-custody to Eurofins and transported to their Burlington, Vermont, location. Eurofins is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP Nos. 12028 and VT972) and was responsible for analyzing the samples as per the analyses

and methods identified in this RIR. **Table 1** provides a summary of all soil samples collected as part of this RI, including sample locations, sample depths, and analyses performed on each sample. Additional details regarding the sampling methods are described in the approved RIWP. All sample locations are shown on **Figure 3**.

4.2 SOIL BORING INSTALLATION AND SOIL SAMPLING

Eight soil borings were advanced between 12 and 20 ft bgs, using a track-mounted Geoprobe® 6610 DT drill rig operated by a licensed operator provided by Lakewood. Soil samples were collected from acetate liners using a stainless-steel trowel or sampling spoon. Samples were collected using laboratory-provided clean glassware. VOC grab samples were collected using Terra Core sampling devices.

Soils were logged continuously by a geologist using the Modified Burmister Soil Classification System. The presence of staining, odors, and PID response was noted. Sampling methods are described in the RIWP provided as **Appendix D**. A QAPP is provided in **Appendix E**. Soil boring logs are provided as **Appendix F**.

Soil samples representative of Site conditions were collected from eight locations across the Site, as shown on **Figure 3**. Four to five samples were collected at each boring, including from the surface at 0 to 2 inches (in.) bgs and 2 in. bgs to 2 ft bgs (SB-01, SB-02, SB-03, SB-04, and SB-08) to evaluate the material as a potential cover system for the RA; the 2-ft interval at the base of the observed fill layer which ranged from 3 to 5 ft bgs (SB-08), 5 to 7 ft bgs (SB-02), and 6 to 8 ft bgs (SB-01, SB-03, SB-04, SB-05, SB-06, and SB-07); from the 2-ft interval above the groundwater interface, either 8 to 10 ft bgs (SB-01, SB-03, SB-04, SB-05, SB-06, and SB-07) or 9 to 11 ft bgs (SB-02 and SB-08); and from the first 2-ft interval within the water table ranging from 10 to 12 ft bgs (SB-01, SB-03, and SB-04) and at 11 to 13 ft bgs (SB-02 and SB-08).

Soils with elevated PID readings and/or petroleum-like odors were observed in the boring SB-02 (located in the north-central portion of the Site) from 10 to 14 ft bgs with a maximum PID reading of 64.2 ppm, and in soil boring SB-04 (located in the south-eastern portion of the building) from 9 to 16 ft bgs with a maximum PID reading of 84.2 ppm.

Soil samples collected from drilling were analyzed for the following:

- Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (USEPA) Method 8260D/5035;
- TCL SVOCs using USEPA Method by 8270E;
- Total Analyte List (TAL) Metals by USEPA Method 6010D;
- TCL Polychlorinated Biphenyls (PCBs) by USEPA Method 8082A;
- TCL Pesticides by USEPA Method 8081B;
- Per- and Polyfluoroalkyl Substances (PFAS) by USEPA Method 1633; and,
- 1,4-dioxane by USEPA Method 8270E.

As per NYDSEC DER-10 requirements, soil samples were collected for emerging contaminants. Samples analyzed for PFAS and 1,4-dioxane were collected and analyzed in accordance with the NYSDEC-issued “Guidelines for Sampling and Analysis of PFAS” and the “Sampling for 1,4-dioxane and Per- and Polyfluoroalkyl Substances (PFAS) Under DEC’s Part 375 Remedial Programs,” respectively.

Additional soil samples were collected from the location of April 2023 Limited Phase II ESA boring B-04, as well as 5-ft step-out locations, to delineate historical elevated concentrations of lead. Samples were collected from each of the delineation borings at 0 to 2 ft bgs, 2 to 4 ft bgs, and 4 to 6 ft bgs. Lead delineation soil samples were analyzed for:

- Total Lead using USEPA Method 6020A; and,
- Toxicity Characteristic Leaching Procedure (TCLP) Lead using USEPA Method 6020B.

Additionally, two test pits (TP-01 and TP-2) were advanced to the depths of approximately 10 ft bgs in the vicinity of two suspected USTs to investigate potential impacts of subsurface soils. During the RI, one UST was discovered at TP-01, located within the northeastern corner of the Site. No UST was discovered in TP-2, located in the southeastern portion of the Site.

Soils associated with the test pits were screened with a PID to evaluate potential impacts. Soil samples were collected at the base of the UST (10 ft bgs) in TP-01, and at the base of the excavation (10 ft bgs) in TP-2 and analyzed for:

- Commissioner Policy (CP)-51 VOCs using USEPA Method 8260D;
- CP-51 SVOCs using USEPA Method 8270E; and,
- Total Lead using USEPA Method 6020A.

Haley & Aldrich of New York collected 75 soil samples (plus quality assurance/quality control [QA/QC] samples) for laboratory analysis. Soil samples were relinquished under standard chain-of-custody protocol and delivered via courier to Eurofins for analysis.

Table 1 provides a summary of all soil samples collected as part of this RI, including sample locations, sample depths, and analyses performed on each sample.

4.2.1 Supplemental Soil Boring Installation and Soil Sampling

Ten additional soil borings were installed by a track-mounted direct push drill rig (Geoprobe®) operated by a licensed operator provided by AARCO. Boring DB-01B was reinstalled at RI soil boring DB-01B to vertically delineate lead concentrations detected above Unrestricted Use Soil Cleanup Objectives (UUSCOs) during initial RI activities. Soil samples were collected from the reinstalled boring at DB-01B at 2 to 4 ft bgs, 4 to 6 ft bgs, and 13 to 15 ft bgs. Three borings (DB-01B-N, DB-01B-S, and DB-01B-W) were installed 5 ft from the original DB-01B location in the north, south, and west directions. As a contingency, three soil borings (DB-01B-N1, DB-01B-S1, and DB-01B-W1) were installed an additional 5 ft from DB-01B and were placed on hold pending analysis. Samples collected as part of the DB-01B delineation were collected at 2 to 4 ft bgs and at the 2-ft interval at the base of the observed fill layer. Samples were collected from acetate liners using a stainless-steel trowel or sampling spoon.

To address vertical delineation, RI boring SB-06, previously sampled at a maximum depth of 10 ft bgs, was readvanced and sampled from 13 to 15 ft bgs (HA-SB06_13-15) and 17 to 19 ft bgs (HA-SB06_15-17). Two soil borings (SB-03 and SB-09) were also advanced and sampled from 13 to 15 ft bgs and 17 to 19 ft bgs to confirm the presence of native soils meeting UUSCOs. Supplemental sample locations are also shown in **Figure 3**, and a Supplemental Sample and Analysis Plan is provided in **Table 1A**.

Soils were logged continuously by field personnel using the Modified Burmister Soil Classification System. The presence of staining, odors, and PID response was noted in soil boring logs. Supplemental soil boring logs are provided as **Appendix F**.

Haley & Aldrich of New York collected 28 supplemental soil samples (plus QA/QC samples) for laboratory analysis. Samples were collected using laboratory-provided clean bottle ware; VOC grab samples were collected using Terra Core sampling devices. Soil samples were relinquished under standard chain-of-custody protocol and delivered via courier to Eurofins for analysis.

Soil samples associated with the re-collection and delineation of SB-01B were analyzed for the following:

- Total Lead using USEPA Method 6020A; and,
- TCLP Lead using USEPA Method 6020B.

Soil samples associated with the vertical delineation of SB-06 and additional evaluation of deeper on-site soil at SB-03 and SB-09 were analyzed for the following:

- TCL VOCs by USEPA Method 8260D/5035
- TCL SVOCs using USEPA Method by 8270E;
- TAL Metals by USEPA Method 6010D;
- TCL PCBs by USEPA Method 8082A;
- TCL Pesticides by USEPA Method 8081B;
- PFAS by USEPA Method 1633; and,
- 1,4-dioxane by USEPA Method 8270E.

4.3 PERMANENT MONITORING WELL INSTALLATION AND GROUNDWATER SAMPLING

The purpose of the groundwater sampling was to obtain current groundwater data and analyze parameters that were not previously analyzed (i.e., PFAS and 1,4-dioxane) to meet NYSDEC DER-10 requirements for RIs.

Four, 2-in. diameter permanent monitoring wells were installed to depths ranging from approximately 15.4 to 16.6 ft bgs. Each monitoring well was constructed using a 2-in. diameter polyvinyl chloride (PVC) riser pipe with 10-ft-long, 10-slot (0.01-in.) slotted screens. Each monitoring well was constructed within a 2-in. annular space backfilled with #0 or #00 certified clean sand fill, followed by a bentonite plug, and sealed at grade with a steel guard pipe. Monitoring well screens were installed to straddle the water table.

Well construction diagrams are provided in **Appendix G**. A synoptic monitoring well gauging data set is provided in **Table 2**.

Following installation, monitoring wells were developed by surging a pump in the well several times to pull fine-grained material from the well. Development was conducted until the water turbidity was 50 nephelometric turbidity units (NTU) or less or 10 well volumes were purged, whichever was achieved first. Additionally, OW-01 was redeveloped prior to sampling during the RI.

Haley & Aldrich of New York collected seven groundwater samples (plus QA/QC samples) for laboratory analysis including the following:

- TCL VOCs by USEPA Method 8260D;
- TCL SVOCs by USEPA Method 8270;
- Total and Dissolved Metals by USEPA Methods 6010/6020;
- Total PCBs by USEPA Method 8082;
- TCL Pesticides by USEPA Method 8081B;
- 1,4-dioxane by USEPA Method 8270E-SIM; and,
- PFAS by EPA Method 1633.

Groundwater samples were collected for 1,4-dioxane and PFAS in accordance with the protocols established in the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances dated April 2023 (April 2023 PFAS Guidance).

Table 1 provides a summary of all groundwater samples collected as part of this RI, including sample locations, sample depths, and analyses performed on each sample.

Groundwater monitoring wells were sampled utilizing low-flow sampling procedures for groundwater sampling. Prior to sampling, the water level was measured from each monitoring well using an electronic water level meter. Groundwater from each well was purged using low pumping rates (less than 500 milliliters per minute [mL/min]) to limit drawdown of the water level. Dedicated disposable field equipment used at each well included high-density polyethylene and silicon tubing. Wells were purged until turbidity, pH, temperature, dissolved oxygen, and specific conductivity stabilized. If monitoring wells ran dry during low-flow sampling, a minimum of three well volumes were purged prior to the collection of groundwater samples.

Field measurements collected from the flow cell were logged and are included in **Appendix H**.

4.3.1 Supplemental Permanent Monitoring Well Installation and Groundwater Sampling

The purpose of the supplemental groundwater sampling was to obtain groundwater data to fill in data gaps of the Site conditions observed during previous investigations. Monitoring well locations are provided on **Figure 3**.

Two 2-in. permanent monitoring wells (MW-05 and MW-06) were installed to approximately 20 ft bgs. MW-05 was installed off-site, downgradient of MW-03, to evaluate off-site conditions, specifically related to PFAS. MW-06 was installed on-site, south of MW-03, to evaluate deeper groundwater conditions. Groundwater was encountered between 12.30 and 12.85 ft bgs during the supplemental groundwater sampling event. Both wells were screened from 10 to 20 ft bgs so that the screen straddled the groundwater interface, and the top of screen was approximately 2 ft above the measured depth to water. Monitoring wells were installed via hollow-stem augers. Each monitoring well was constructed with a 2-in. annular space and installed using either #0 or #00 certified clean sand fill. Supplemental sampling well construction diagrams are provided as **Appendix G**.

Monitoring wells were developed as per procedures used in the initial RI sampling.

Table 1A provides a summary of all groundwater samples collected as part of the supplemental sampling activities, including sample locations, sample depths, and analyses performed on each sample.

Haley & Aldrich of New York collected seven groundwater samples (plus QA/QC samples) for laboratory analysis, including the following:

- TCL VOCs using USEPA Method 8260B;
- TCL SVOCs using USEPA Method 8270C;
- Total Metals using USEPA Methods 6010/7471;
- Dissolved Metals using USEPA Methods 6010/7471;
- TCL Pesticides using USEPA Method 8081B;
- PCBs using USEPA Method 8082;
- PFAS using USEPA Method 1633; and,
- 1,4-dioxane using USEPA Method 8270 SIM.

As per NYSDEC DER-10 requirements, all groundwater samples were analyzed for emerging contaminants. Groundwater samples collected for PFAS and 1,4-dioxane were collected in accordance with the protocols established in the NYSDEC's April 2023 "Guidance for Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 275 Remedial Programs" (April 2023 PFAS Guidance).

Groundwater monitoring wells were sampled utilizing low-flow sampling methods as per the approved RIWP and QAPP, included as **Appendices D and E**, respectively.

4.4 SOIL VAPOR PROBE INSTALLATION AND SOIL VAPOR SAMPLING

Soil vapor samples were collected in accordance with the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH, October 2006). Six temporary soil vapor probes were installed by Lakewood to approximately 7 to 8 ft bgs, or approximately 2 ft above the water table. The temporary vapor implants were installed with a direct-push rig (e.g., Geoprobe®) to advance a stainless-steel probe to the desired sample depth.

To ensure the stainless-steel soil vapor probe was sealed completely to the surface using bentonite, a tracer gas was used in accordance with NYSDOH protocols to serve as a QA/QC measure to verify the integrity of the soil vapor probe seal. In addition, one to three implant volumes were purged prior to the collection of the soil vapor samples. Sampling occurred for the duration of two hours. At the conclusion of the sampling round, tracer monitoring was performed a second time to confirm the continued integrity of the probe seals. No leaks were observed during the soil vapor sampling.

Haley & Aldrich of New York collected six soil vapor samples in accordance with the NYSDEC-approved RIWP. Samples were collected in appropriately sized Summa® canisters that were batch-certified clean by the laboratory. Samples were analyzed for VOCs using USEPA Method TO-15. The flow rate for both purging and sampling did not exceed 0.2 liters per minute (L/min). The soil vapor purge log is included as **Appendix J**.

Table 1 provides a summary of all soil vapor samples collected as part of this RI, including sample locations, sample depths, and analyses performed on each sample.

4.5 DEVIATIONS FROM THE RIWP

The RI was performed in substantial conformance with the approved RIWP with the exception of the following:

- SV-06 and SB-06 were installed 22.8 ft to the east of the original proposed location due to inaccessibility to that part of the Site, see **Figure 3** for the revised location.

4.5.1 Deviations From The RIWP Addendum

The Supplemental RI was performed in substantial conformance with the approved RIWP Addendum, with the exception of the following:

- Two additional soil borings were installed: DB-01B was reinstalled in close proximity to the original location to vertically delineate lead concentrations detected above UUSCOs during initial RI activities, and DB-01B-W1 was installed to further delineate lead concentrations from the original DB-01B location.

4.6 QUALITY ASSURANCE/QUALITY CONTROL

The RI and associated supplemental sampling were conducted in accordance with the QAPP provided in the RIWP. The sampling program included several types of QA/QC samples and measures to ensure the usability of the data, as described in the RIWP. QA/QC samples included equipment rinsate/field blanks, trip blanks, sample duplicates, and matrix spike/matrix spike duplicates (MS/MSDs).

When applicable, the sample result summary tables list the laboratory method detection limit (MDL) at which a compound was non-detectable (ND). The laboratory results were reported to the sample-specific practical quantitation limit (PQL), equal to the sample-specific MDL, supported by the instrument calibrations.

The reliability of laboratory data is supported by compliance with sample holding times and laboratory MDLs below cleanup criteria. The accuracy and precision of the laboratory analytical methods were maintained by using calibration and calibration verification procedures, laboratory control samples, and surrogate, matrix, and analytical spikes. A review of the laboratory data packages indicates that holding times were met and no significant non-conformance issues were reported. Analytical laboratory reports are provided in **Appendix K**. Data have been validated as detailed below in Section 6.6. Data Usability Summary Reports (DUSRs) are included in **Appendix L**.

4.7 FIELD EQUIPMENT DECONTAMINATION

Downhole drilling equipment was decontaminated between each boring by washing with an Alconox-based solution. Decontamination wastewater was contained in a wash pan and containerized in 55-gallon drums for disposal. Handheld sampling equipment was decontaminated by hand in an Alconox-based solution and triple-rinsed with deionized water. Decontamination liquids were temporarily contained in 5-gallon buckets and then added to drums at the end of each workday.

4.8 INVESTIGATION-DERIVED WASTE

Following sample collection, boreholes that were not converted to monitoring wells were backfilled with soil cuttings to within 24 in. of the surface, in accordance with DER-10 Section 3.3 (e)(1)(ii), and an upper bentonite plug to grade. Boreholes were restored to grade with the surrounding area. If soil was observed to have visual or olfactory impacts, it was separated and placed into a sealed and labeled New York State Department of Transportation (NYSDOT)-approved 55-gallon drum pending characterization and off-site disposal. Groundwater purged from the monitoring wells during development and sample collection was placed into an NYSDOT-approved 55-gallon drum pending off-site disposal.

A total of one NYSDOT-approved 55-gallon drum, which contains purged groundwater, was produced during supplemental sampling. The drum is currently labeled and staged on the Site in a manner that prevents leakage, deterioration, or release of waste pending off-site removal.

4.9 REPORTING

During implementation of the NYSDEC-approved RIWP and NYSDEC-approved RIWP Addendum, daily reports were provided to the NYSDEC. Daily field reports included a summary of sampling and field activities, investigation progress updates, and photographs of field work. The daily reports from the RI and supplemental sampling are included in **Appendix M**.

5. Health and Safety

The work outlined above was completed under a Site-specific Health and Safety Plan (HASP) in accordance with Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) regulations. Work was completed in Modified Level D personal protective equipment (PPE). A copy of the HASP was included in Appendix E of the NYSDEC-approved RIWP.

The RI and supplemental sampling activities were conducted in accordance with a Site-specific Community Air Monitoring Plan (CAMP). CAMP data were provided to NYSDEC in the daily reports included in **Appendix M**. During the RI and supplemental sampling activities, air monitoring was performed at one upwind and one downwind location. No concentrations of VOCs or 15-minute average concentrations of particulate matter smaller than 10 microns in diameter (PM₁₀) exceeded the action levels of 0.1 ppm and 150 µg/m³, respectively, as specified in the “Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures.” No visible dust was observed leaving the Site perimeter during intrusive RI activities. During demolition activities, brief exceedances of the dust particulate threshold were experienced due to equipment malfunctions and poor air quality conditions. Due to poor air quality conditions (Air Quality Alert in New York City) on June 6, June 7, June 8, June 29, and June 30, particulate readings were higher than on other days from the start to the end of demolition activities. Exceedances were not observed, and no visible dust was observed on those particular days. On July 6, there was a brief particulate exceedance due to a large portion of the former building wall being demolished. To mitigate the dust, the area was immediately sprayed with water, and work was stopped until readings returned to within CAMP thresholds.

6. Contaminants of Concern (COCs) and Nature and Extent of Contamination

6.1 APPLICABLE STANDARDS

Soil analytical results were compared to NYSDEC 6 NYCRR Part 375 UUSCOs, PGWSCOs, and RRSCOs. Note that no standards for PFAS in soil currently exist in New York State; however, the NYSDEC published soil guidance values (GVs) for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in October 2020 (latest revision April 2023). PFOA and PFOS soil sample results are compared to the UUSCO, RRSCO, and PGWSCO GV's outlined in the April 2023 PFAS Guidance.

Groundwater analytical results were compared to 6 NYCRR Part 703.5 NYSDEC TOGS 1.1.1 AWQS and GV's for Class GA Water. Emerging contaminants PFOA and PFOS were compared to the GV's for PFOA and PFOS outlined in the NYSDEC April 2023 PFAS Guidance. Emerging contaminant 1,4-dioxane was compared to the GV as set by NYSDEC in March 2023.

No standard currently exists for soil vapor samples in New York State.

6.2 REMEDIAL INVESTIGATION SOIL SAMPLING RESULTS

Table 3 summarizes the analytical results from the RI soil sampling event. **Figure 5** provides the soil boring locations as well as a summary of soil data that exceeded the respective standards during the August 2024 sampling event. Details of the soil boring logs are provided in **Appendix F**.

Volatile Organic Compounds

No VOCs were detected above applicable standards.

Semi-Volatile Organic Compounds

SVOCs were detected in soil boring SB-07 throughout the fill layer, from the surface to approximately 8 ft bgs. Seven SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), were detected in shallow samples SB-07_0'-2" and SB-07_2"-2' at concentrations above the UUSCOs, RRSCOs, and/or PGWSCOs including benzo(a)anthracene (maximum concentration of 22 mg/kg in SB-07_2"-2'), benzo(a)pyrene (maximum concentration of 22 mg/kg in SB-07_2"-2'), benzo(b)fluoranthene (maximum concentration of 25 mg/kg in SB-07_2"-2'), benzo(k)fluoranthene (maximum concentration of 6.1 mg/kg in SB-07_2"-2'), chrysene (maximum concentration of 20 mg/kg in SB-07_2"-2'), dibenzo(a,h)anthracene (maximum concentration of 3.5 mg/kg in SB-07_2"-2'), and Indeno(1,2,3-cd)pyrene (maximum concentration of 13 mg/kg in SB-07_2"-2')

Seven PAHs were detected within deeper sample SB-07_6'-8' and its corresponding DUP-02-20240830 at concentrations above the UUSCOs, RRSCOs and/or PGWSCOs including benzo(a)anthracene (maximum concentration of 5.3 mg/kg), benzo(a)pyrene (maximum concentration of 5.7 mg/kg), benzo(b)fluoranthene (maximum concentration of 7.1 mg/kg), benzo(k)fluoranthene (maximum concentration of 2.2 mg/kg), chrysene (maximum concentration of 5 mg/kg), dibenzo(a,h)anthracene

(maximum concentration of 0.65 mg/kg), and indeno(1,2,3-cd)pyrene (maximum concentration of 3.3 mg/kg).

No other SVOCs were detected above applicable standards.

Metals

Metals were detected in multiple soil samples at depths ranging from the surface to approximately 11 ft bgs at concentrations exceeding the UUSCOs, RRSCOs and/or PGWSCOs including arsenic (maximum concentration of 48.9 mg/kg in SB-01_0-2"), copper (maximum concentration of 475 mg/kg in SB-06_6'-8'), lead (maximum concentration of 3,540 mg/kg in SB-07_2"-2'), mercury (maximum concentration of 4.2 mg/kg in SB-07_2"-2') and zinc (maximum concentration of 619 mg/kg in SB-07_2"-2').

Delineation boring samples activated for TCLP lead did not exceed the USEPA Toxicity Characteristic limit of 5 milligrams per liter (mg/L). In addition to the planned lead delineation samples, RI samples with total lead concentrations over 100 mg/kg were run for TCLP lead. None of the RI samples activated for TCLP lead exceed the USEPA Toxicity Characteristic limit of 5 mg/L.

No other metals were detected above applicable standards.

Polychlorinated Biphenyls

No PCBs were detected above applicable standards.

Pesticides

No pesticides were detected above applicable standards.

Emerging Contaminants

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

PFOS and PFOA were detected in multiple samples throughout the Site at depths ranging from the surface to 11 ft bgs above their respective GV for unrestricted use and protection of groundwater. PFOS ranged from ND to a maximum concentration of 7.3 parts per billion (ppb) in SB-02_9'-11' and PFOA ranged from ND to a maximum concentration of 1.3 ppb in SB-06_2"-2'.

Concentrations of total PFOA/PFOS ranged from ND to a maximum concentration of 8.4 ppb in SB-02_9'-11'.

6.3 SUPPLEMENTAL INVESTIGATION SOIL SAMPLING RESULTS

Table 3A summarizes the analytical results from the supplemental soil sampling event. **Figure 5A** provides the supplemental soil boring locations as well as a summary of soil laboratory results from the supplemental sampling event. **Table 3B** and **Figure 5B** provide the supplemental lead delineation soil

boring locations as well as a summary of soil laboratory results from the supplemental sampling event. Soil boring logs from the supplemental sampling event are provided in **Appendix F**.

Volatile Organic Compounds

No VOCs were detected above applicable standards.

Semi-Volatile Organic Compounds

No SVOCs were detected above applicable standards.

Metals

No metals were detected above applicable standards.

Polychlorinated Biphenyls

No PCBs were detected above applicable standards.

Pesticides

No pesticides were detected above applicable standards.

Emerging Contaminants

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

PFOS was detected in multiple samples throughout the Site at depths ranging from 13 to 17 ft bgs above laboratory reporting limits but below the GVs. PFOA was not detected in any supplemental soil samples collected.

Concentrations of total PFOA/PFOS ranged from ND to a maximum concentration of 0.34 ppb in SB-06_13-15.

Lead Delineation

TCLP Lead was not detected above applicable standards in any lead delineation samples. Total Lead was detected above either RRSCOs or UUSCOs in six of 19 supplemental soil samples collected throughout the Site. Concentrations above RRSCOs ranged from 521 mg/kg in DB-01B_2-4 to a maximum of 637 mg/kg in DB-01B-S1_2-4. Concentrations above UUSCOs ranged from 71.7 mg/kg in DB-01B-W_2-4 to a maximum of 133 mg/kg in DB-01B-S_2-4.

6.4 GROUNDWATER SAMPLING RESULTS

Table 4 summarizes the analytical results from the groundwater sampling event. **Figure 6** provides the groundwater monitoring well locations as well as a summary of the groundwater data from the sampling event. Groundwater sampling logs are provided in **Appendix H**.

Volatile Organic Compounds

Two VOCs, 2-butanone and acetone, were detected in MW-02 above the AWQS at a concentration of 66 ppb and 61 ppb, respectively. It should be noted that acetone is a common lab artifact.

No other VOCs were detected above the AWQS.

Semi-Volatile Organic Compounds

No SVOCs were detected above the AWQS.

Polychlorinated Biphenyls

No PCBs were detected above laboratory detection limits.

Dissolved Metals

Two dissolved metals were detected in multiple groundwater samples above the AWQS, including manganese (maximum concentration of 3,230 ppb in MW-03) and sodium (maximum concentration of 102,000 ppb in MW-01). Additionally, iron was detected above the AWQS in one groundwater sample (OW-01) at a concentration of 436 ppb.

No other dissolved metals were detected above the AWQS.

Total Metals

Three total metals were detected above the AWQS in several groundwater samples, including iron (maximum concentration of 4,360 ppb in MW-04), manganese (maximum concentration of 3,140 ppb in MW-03), and sodium (maximum concentration of 101,000 ppb in MW-01).

No other total metals were detected above the AWQS.

Pesticides

No pesticides were detected above laboratory detection limits.

Emerging Contaminants

Concentrations of 1,4-dioxane were compared to the GV of 0.35 ppb issued on March 15, 2023, by the NYSDEC. Emerging contaminants PFOA and PFOS compounds in groundwater are compared to the April 2023 PFAS Guidance GVs of 6.7 parts per trillion (ppt) and 2.7 ppt, respectively. **Figure 6** provides emerging contaminant data in groundwater.

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

PFOS was detected above the GV of 2.7 ppt in three of the six groundwater samples at a maximum concentration of 400 ppt in MW-03. PFOA was detected above the GV of 6.7 ppt in three of the six groundwater samples at a maximum concentration of 150 ppt in MW-02.

Total PFOA/PFOS concentrations in groundwater samples ranged from 77 ppt in MW-01 to a maximum concentration of 484 ppt in MW-03.

6.4.1 Supplemental Groundwater Sampling Results

Table 4A summarizes the analytical results from the supplemental groundwater sampling event. **Figure 6A** provides the groundwater monitoring well locations as well as a summary of the groundwater data from the supplemental sampling event. Groundwater sample logs from the supplemental sampling event are provided in **Appendix H**.

Volatile Organic Compounds

No VOCs were detected above the AWQS in any groundwater samples collected during supplemental sampling.

Semi-Volatile Organic Compounds

No SVOCs were detected above the AWQS in any groundwater samples collected during supplemental sampling.

Polychlorinated Biphenyls

No PCBs were detected above the AWQS in any groundwater samples collected during supplemental sampling.

Dissolved Metals

Two dissolved metals were detected in multiple groundwater samples above the AWQS, including manganese (maximum concentration of 5730 micrograms per liter [µg/L in MW-06) and sodium (maximum concentration of 93,100 µg/L in DUP-01_20250723, parent sample MW-01).

No other dissolved metals were detected in any supplemental groundwater samples above the AWQS.

Total Metals

Four total metals were detected above the AWQS in several groundwater samples, including arsenic (maximum concentration of 33.2 µg/L in OW-1), iron (maximum concentration of 17,200 µg/L in MW-03), manganese (maximum concentration of 3,060 µg/L in MW-03), and sodium (maximum concentration of 93,700 µg/L in DUP-01_20250723, parent sample MW-01).

No other total metals were detected in any supplemental groundwater samples above the AWQS.

Pesticides

No pesticides were detected above the AWQS in any groundwater samples collected during supplemental sampling.

Emerging Contaminants

Concentrations of 1,4-dioxane were compared to the GV of 0.35 ppb issued on March 15, 2023, by the NYSDEC. Emerging contaminants PFOA and PFOS compounds in groundwater are compared to the April 2023 PFAS Guidance GVs of 6.7 ppt and 2.7 ppt, respectively. **Figure 6A** provides supplemental emerging contaminant data in groundwater.

1,4-dioxane was not detected above the AWQS in any groundwater samples collected during supplemental sampling.

PFOS was detected above the GV of 2.7 ppt in six of the eight supplemental groundwater samples at a maximum concentration of 952 ppt in MW-06. PFOA was detected above the GV of 6.7 ppt in seven of the eight supplemental groundwater samples at a maximum concentration of 170 ppt in MW-06.

Total PFOA/PFOS concentrations in groundwater samples ranged from 7.42 ppt in MW-05 to a maximum concentration of 1,120 ppt in MW-06.

6.5 SOIL VAPOR SAMPLING RESULTS

Table 5 provides a summary of the analytical results from the soil vapor sampling event. **Figure 7** provides the soil vapor sampling locations as well as a summary of soil vapor data from the sampling event. The soil vapor purge log is provided in **Appendix J** and includes details on each soil vapor sample collected.

Total VOC concentrations ranged from 78.13 µg/m³ in SV-06 to a maximum of 2342.5 µg/m³ in SV-02. Total CVOC concentrations ranged from 1.27 µg/m³ in SV-06 to a maximum of 10.3 µg/m³ in SV-05. Total BTEX concentrations ranged from 10.24 µg/m³ in SV-01 to a maximum of 62.7 µg/m³ in sample SV-05.

Several petroleum-related VOCs were detected at elevated concentrations in soil vapor samples, including benzene, which was detected in each sample (maximum concentration of 3.8 µg/m³ in SV-05), toluene, which was detected in each sample (maximum concentration of 16 µg/m³ in SV-03), ethylbenzene, which

was detected in each sample (maximum concentration of 11 µg/m³ in SV-05), m,p-xylenes, which was detected in each sample (maximum concentration 30 µg/m³ in SV-05), and o-xylene, which was detected in each sample (maximum concentration 9.5 µg/m³ in SV-05).

PCE was detected in each sample (maximum concentration of 9.3 µg/m³ in SV-05). Vinyl chloride was detected in one sample, SV-01, at a concentration of 0.28 µg/m³. Trichloroethene (TCE) was detected in one sample, SV-02, at a concentration of 0.36 µg/m³. Cis-1,2-dichloroethene was not detected in the samples analyzed.

Other VOCs that were detected included acetone, which was detected in each sample with a maximum concentration of 87 µg/m³ in SV-01, trichlorofluoromethane (CFC-11) which was detected in each sample with a maximum concentration of 2,200 µg/m³ in SV-02, 2-butanone which was detected in five of the six samples with a maximum concentration of 26 µg/m³ in SV-05, butane which was detected in five of the six samples with a maximum concentration of 130 µg/m³ in SV-05, isopropyl alcohol, which was detected in two of the six samples with a maximum concentration of 210 µg/m³ in SV-05, and tert-butyl alcohol which was detected in each sample with a maximum concentration of 39 µg/m³ in SV-02. The emerging contaminant 1,4-dioxane was not detected above laboratory detection limits.

6.6 DATA VALIDATION

Category B laboratory reports for all soil, groundwater, and soil vapor samples included as part of this RIR in **Appendix K** were provided by Alpha Analytical, Inc. and Eurofins and were forwarded to Haley & Aldrich of New York's data validator. The DUSRs and data validator resume are included in **Appendix L**.

6.7 DATA USE

Validated analytical data, supplied in ASP Category B Data Packages will be submitted to the NYSDEC EQuIS™ database in an Electronic Data Deliverable package upon finalization of this RIR.

7. Conceptual Site Model (CSM)

7.1 AREAS OF CONCERN

The following Areas of Concern (AOCs) were identified at the Site:

AOC 1 – Site-Wide Historical Fill in Soils

Site soils are impacted with elevated concentrations of metals, PAHs, and PFAS, which is consistent with characteristics of historical fill. PAHs were detected in soil boring SB-07 over UUSCOs/RRSCOs and PGWSCOs from 0 to 2 ft bgs and 6 to 8 ft bgs. Historical fill with metals exceeding the UUSCOs/RRSCOs varies in depth throughout the Site, ranging from 0 to 2 ft bgs and 6 to 11 ft bgs. PFOS was detected over the GV at a concentration of 7.3 ppb in SB-02_9'-11' and PFOA was detected over the GV at a concentration of 1.3 ppb in SB-06_2"-2'.

7.2 POTENTIAL ON-SITE AND OFF-SITE SOURCES

Subsurface soils are impacted with elevated concentrations of metals and SVOCs, specifically PAHs, with characteristics of historical fill. Historical fill material varies throughout the Site, extending to approximately 9 ft bgs. Native soils are also impacted in some areas with metals to approximately 11 ft bgs. PFAS found within historical fill and groundwater may be the result of a regional PFAS plume impacting the City of Newburgh, Town of Newburg, and Town of New Windsor. In May 2015, the City of Newburgh issued its 2014 Annual Water Quality Report with PFAS contamination identified in Washington Lake. The NYSDOH confirmed the presence of PFAS in March of 2016. Immediately, NYSDEC began to investigate the source of the contamination affecting the City of Newburgh and, with the NYSDOH, assisted the city in connecting to an alternate water supply³. Washington Lake is located upgradient from the Site. In addition, it is also possible that PFAS contamination is the result of on-site sources such as potential releases associated with past site operations or the fire that occurred on former Lot 31.

³ <https://dec.ny.gov/environmental-protection/site-cleanup/regional-remediation-project-information/region-3/newburgh>

8. Human Health and Environmental Risk Evaluation

8.1 HUMAN HEALTH RISK EVALUATION

A qualitative exposure assessment consists of characterizing the exposure setting (including the physical environment and potentially exposed human populations), identifying exposure pathways, and evaluating chemical fate and transport. An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has the following five elements:

1. Receptor population;
2. Contaminant source;
3. Contaminant release and transport mechanism;
4. Point of exposure; and,
5. Route of exposure.

An exposure pathway is complete when all five elements of an exposure pathway are documented; a potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway is not documented but could reasonably occur. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway does not exist in the present and will not exist in the future.

8.1.1 Receptor Population

The receptor population includes the people who are or may be exposed to contaminants at a point of exposure. The identification of potential human receptors is based on the characteristics of the site, the surrounding land uses, and the probable future land uses. The Site is currently vacant, paved with an impervious surface (concrete), and secured with locked doors on the existing building. Since the Site is vacant, individual receptors would currently only include construction/maintenance workers who may be employed to perform work on the property.

The Site owner plans to redevelop the property with a four-story mixed-use commercial and residential building, consistent with surrounding property use and zoning. Exposed receptors under the future use scenario may comprise residents of the future building, indoor employees, outdoor employees (e.g., groundskeepers or maintenance staff), and construction workers who may be employed at or perform work on the property. Site visitors may also be considered receptors; however, their exposure would be similar to that of the indoor employees but at a lesser frequency and duration.

A map of sensitive receptors in the vicinity of the Site is provided in **Figure 8**.

8.1.2 Contaminant Sources

The source of contamination is defined as either the source of contaminant release to the environment (such as a waste disposal area or point of discharge) or the impacted environmental medium (soil, air,

water) at the point of exposure. Sections 6.0 and 7.0 discuss the COCs present in the Site media at elevated concentrations above background levels. In general, these are PAHs, metals, and PFAS in soil; VOCs detected in soil vapor; and VOCs, total/dissolved metals, and PFAS in groundwater.

8.1.3 Contaminant Release and Transport

Contaminant release and transport mechanisms carry contaminants from the source to points where people may be exposed and are specific to the type of contaminant and Site use. This would include the indoor vapor intrusion pathway also referred to as “soil vapor intrusion.” Additional pathways could include skin contact, inhalation, and incidental ingestion of VOCs present in soil and groundwater when and where construction workers are involved in subsurface activities where volatiles are present at elevated concentrations.

8.1.4 Exposure Routes and Mechanisms

The point of exposure is a location where actual or potential human contact with a contaminated medium may occur. Based on the exceedances of UUSCOs for metals, PCBs, and pesticides in certain areas in soil, exceedances of UUSCOs, PGWSCOs, and RRSCOs for PAHs, metals, and PFAS in soil, VOCs detected in soil vapor, and exceedances of the AWQS for VOCs, and total/dissolved metals in groundwater, the point of exposure is defined as the entire Site.

The route of exposure is the manner in which a contaminant actually enters or contacts the human body (e.g., ingestion, inhalation, dermal absorption). Based on the types of receptors and points of exposure identified above, potential routes of exposure are listed below:

Current Use Scenario: The Site is currently vacant, paved with an impervious surface (concrete), and secured with locked doors and roll-up doors on the existing building. The risk of exposure to contaminated soil and contaminated groundwater is very low, other than during subsurface investigations or other activities that disturb the subsurface. Release and transport mechanisms include contaminated surface soil transported as dust, contaminated groundwater flow, and volatilization of contaminants from soil and/or groundwater into the vapor phase. Persons at risk of exposure, via the indicated exposure routes, are noted below:

- Occupant/Employee/Visitor – skin contact, inhalation, and incidental ingestion
- Construction/Utility Worker – skin contact, inhalation, and incidental ingestion

Construction/Remediation Scenario: In the continued absence of engineering and institutional controls, there will be continued exposure pathways during construction/remediation specifically related to surface soil. Planned construction/remedial activities include removal of the impervious Site cover, removal of USTs (if present), excavation and off-site disposal of soil, and dewatering of impacted groundwater (if required) to facilitate the construction of the foundation elements. Release and transport mechanisms include disturbed and exposed soil during excavation, contaminated soil transported as dust, contaminated groundwater flow (dewatering, if required), and volatilization of contaminants from soil and/or groundwater into the vapor phase. Persons at risk of exposure, via the indicated exposure routes, are noted below.

- Construction/Utility Worker – skin contact, inhalation, and incidental ingestion
- Public Adjacent to the Site – inhalation

Future Use Scenario: The anticipated future use as a redeveloped property will include a potential cellar to approximately 12 ft bgs. In the absence of remedial removal of impacted material, remaining contaminant release and transport would include potential migration of contaminated groundwater and volatilization of contaminants from soil and/or groundwater into the vapor phase. Routes of future exposure include cracks in the foundation or slab, or emergency repairs to the foundation walls or slab. Persons at risk of exposure, via the indicated exposure routes, are noted below.

- Construction/Utility Worker – skin contact, inhalation, and incidental ingestion
- Occupant/Employee/Visitor – inhalation
- Public Adjacent to the Site – inhalation

Soil vapor intrusion is a relevant transport mechanism under the current and future use scenarios. Concerning skin contact, inhalation, and incidental ingestion of volatile organics present in soil and groundwater, the potential is low for exposure to VOCs for construction workers involved in subsurface activities where volatiles are present at elevated concentrations, given the results of the RI.

8.1.5 Exposure Assessment

Based on the above assessment, the potential exposure pathways for the current and future use conditions are listed below.

Current Use Scenario

Site COCs include PAHs, metals, and PFAS in soil; VOCs, total/dissolved metals, and PFAS in groundwater; and VOCs in soil vapor. Under current conditions, the likelihood of exposure to soil or groundwater is limited. The Site is currently vacant, paved with an impervious surface (concrete), and secured with locked doors on the existing building. The Site entrances are each locked and secured with Site access only granted to personnel associated with the planned development. Potable water for Newburgh will continue to be sourced from the New York City Catskill Aqueduct. Intrusive work on the Site will be done in accordance with a Site-specific HASP and the donning of PPE.

Construction/Remediation Scenario:

The exposure element exists for each element during the construction/remediation phase. The overall risk will be minimized by the implementation of a Site-specific Construction Health and Safety Plan (CHASP), localized monitoring of organic vapors, community air monitoring on the Site perimeter for particulates and VOCs, vapor and dust suppression techniques, installation of a stabilized entrance, cleaning truck tires and undercarriages, and use of appropriate PPE. Additionally, the Site will be remediated under a Remedial Action Work Plan (RAWP) which will include a Soil Materials Management Plan (SMMP) that will highlight measures for PPE, covering of stockpiles, housekeeping, suppression techniques (particulates and vapor), and measures to prevent off-site migration of contaminants. In addition, the Site will be secured and inaccessible to the public during remedial construction.

Future Use Scenario

Under the proposed future condition (after construction/remediation), residual contaminants may remain on the Site depending on the remedy achieved. The remaining contaminants would include those listed in the current conditions. If contaminants remain on the Site after construction/remediation, the route of exposure will be mitigated by proper installation of engineering controls such as a composite Site cover system and implementation of institutional controls such as land use and groundwater use restrictions.

8.2 FISH AND WILDLIFE IMPACT ANALYSIS

NYSDEC DER-10 requires an on-site and off-site Fish and Wildlife Resource Impact Analysis if the stipulated criteria are met. The Site, which was developed in the late 1800s and most recently operated as an auto repair shop, is located in Newburgh, New York. The Site provides little or no wildlife habitat or food value and/or access to the detected subsurface contamination. No natural waterways are present on or directly adjacent to the Site. The proposed future use of the Site is as a mixed-use residential and commercial building. Based on the requirements stipulated in Section 3.10 and Appendix 3C of DER-10, there was no need to prepare a Fish and Wildlife Resource Impact Analysis for the Site.

9. Conclusions and Recommendations

9.1 CONCLUSIONS

Based on the results of this RI, the following conclusions have been identified:

Site COCs are primarily metals, SVOCs (including PAHs), and PFAS in soil; VOCs, total/dissolved metals, and PFAS in groundwater; and VOCs in soil vapor.

Subsurface soils are impacted with elevated concentrations of metals, PAHs, and PFAS, which is consistent with characteristics of historical fill. Fill material varies in depth throughout the Site, with the majority of Site-wide fill ranging from surface grade to 8 ft bgs. Metals also exceeded RRSCOs in soil samples collected from various deeper intervals during this RI.

9.2 RECOMMENDATIONS

Based on the results of the RI, RA will be necessary to proceed with the anticipated redevelopment plan. Combined with previous subsurface investigations performed at the Site, sufficient analytical data were gathered during this RI to establish soil cleanup levels and develop a remedy protective of human health and the environment.

To address the AOC, Haley & Aldrich of New York is evaluating a combination of remedial techniques. Applicable strategies and technologies may include, but are not limited to, source removal, installation of engineering controls, and/or institutional controls, which will be detailed in the RAWP.

10. References

1. Site Remediation Proposal, 60 William Street, Newburgh, New York, Prepared by Smit Environmental Services for Gold River Financial Group, Inc., prepared May 31, 2022.
2. Phase I Environmental Site Assessment, 60 William Street, Newburgh, New York, Prepared by Smit Environmental Services for Gold River Financial Group, Inc., prepared July 12, 2022.
3. ASTM Phase I Environmental Site Assessment, 56-60 William Street, Newburgh, New York, Prepared by Haley & Aldrich of New York, for 60 William St, LLC, prepared December 30, 2022.
4. Preliminary Geotechnical Investigation, 56-60 William Street, prepared by Haley & Aldrich of New York for 60 William St, LLC, prepared March 23, 2023.
5. Limited Phase II Environmental Site Investigation (ESI) Report, 56-60 William Street, prepared by Haley & Aldrich of New York for 60 William St, LLC, prepared April 10, 2023.
6. Brownfield Cleanup Program Application. 60 William Street Development, Newburgh, New York. Prepared by 60 William St, LLC & Haley & Aldrich of New York, prepared for the New York State Department of Environmental Conservation. Submitted December 15, 2023.
7. New York State Department of Environmental Conservation, Part 375 of Title 6 of the New York Compilation of Codes, Rules, and Regulations, Effective December 14, 2006.
8. New York State Department of Environmental Conservation, Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), April 2023.
9. New York State Department of Health, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.
10. New York State Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1) dated June 1998.
11. Program Policy DER-10, "Technical Guidance for Site Investigation and Remediation," New York State Department of Environmental Conservation, May 2010.
12. United States Environmental Protection Agency, Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, EQASOP-GW 001, September 19, 2017.
13. Remedial Investigation Work Plan Addendum, 60 William Street, Newburgh, New York, Prepared by Haley & Aldrich of New York, for 60 William St, LLC, prepared May 29, 2025.

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TABLES

TABLE 1
SAMPLE AND ANALYSIS PLAN
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Boring Number	Sample Depth (bgs)	Sample Location	Date Taken/Time	Sample Rationale	Target Compound List VOCs (8260D/5035)	Target Compound List SVOCs (8270E)/(8270)	Total Analyte List Metals (6010D)/(6010)	PCBs (8082A)	Pesticides (8081B)	PFAS (1633)	1,4-Dioxane (8270)/(8270E-SIM)	Dissolved Target Analyte List Metals (6020)	Total Lead	TCLP Lead	VOCs (TO-15)
SOIL															
SB-01	0-2"	Lot 32	08/28/2024 1030	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/28/2024 1035	Potential cover system evaluation	X	X	X	X	X	X	X				
	4-6'		08/28/2024 1040	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	8-10'		08/28/2024 1045	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
	10-12'		08/28/2024 1050	2-ft interval at groundwater interface	X	X	X	X	X	X	X				
SB-02	0-2"	Lot 31	08/28/2024 0920	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/28/2024 0925	Potential cover system evaluation	X	X	X	X	X	X	X				
	5-7'		08/28/2024 0930	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	9-11'		08/28/2024 0935	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
	11-13'		08/28/2024 0940	2-ft interval at groundwater interface	X	X	X	X	X	X	X				
SB-03	0-2"	Lot 32	08/28/2024 1230 / 08/29/2024 1310 (lead delineation sample)	2-inch interval immediately below slab	X	X	X	X	X	X	X		X	X	
	2"-2'		08/28/2024 1235 / 08/29/2024 1315 (lead delineation sample)	Potential cover system evaluation	X	X	X	X	X	X	X		X	X	
	4-6'		08/28/2024 1240 / 08/29/2024 1320 (lead delineation sample)	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X		X	X	
	8-10'		08/28/2024 1245 / 08/29/2024 1325 (lead delineation sample)	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X		X	X	
	10-12'		08/28/2024 1250 / 08/29/2024 1330 (lead delineation sample)	2-ft interval at groundwater interface	X	X	X	X	X	X	X		X	X	
DB-01	0-2'	Lot 31	08/29/2024 1505	Lead delineation sample									X	X	
	2-4'		08/29/2024 1510	Lead delineation sample									X	X	
	4-6'		08/29/2024 1515	Lead delineation sample									X	X	
DB-01A	0-2'	Lot 31	08/29/2024 1520	Lead delineation sample									X	X	
	2-4'		08/29/2024 1525	Lead delineation sample									X	X	
	4-6'		08/29/2024 1530	Lead delineation sample									X	X	
DB-01B	0-2'	Lot 31	08/29/2024 1535	Lead delineation sample									X	X	
	2-4'		08/29/2024 1540	Lead delineation sample									X	X	
	4-6'		08/29/2024 1545	Lead delineation sample									X	X	
DB-02	0-2'	Lot 31	08/29/2024 1550	Lead delineation sample									X	X	
	2-4'		08/29/2024 1555	Lead delineation sample									X	X	
	4-6'		08/29/2024 1600	Lead delineation sample									X	X	
DB-02A	0-2'	Lot 31	08/29/2024 1605	Lead delineation sample									X	X	
	2-4'		08/29/2024 1610	Lead delineation sample									X	X	
	4-6'		08/29/2024 1615	Lead delineation sample									X	X	
DB-02B	0-2'	Lot 31	08/29/2024 1620	Lead delineation sample									X	X	
	2-4'		08/29/2024 1625	Lead delineation sample									X	X	
	4-6'		08/29/2024 1630	Lead delineation sample									X	X	
DB-03	0-2'	Lot 31	08/29/2024 1420	Lead delineation sample									X	X	
	2-4'		08/29/2024 1425	Lead delineation sample									X	X	
	4-6'		08/29/2024 1430	Lead delineation sample									X	X	
DB-03A	0-2'	Lot 31	08/29/2024 1435	Lead delineation sample									X	X	
	2-4'		08/29/2024 1440	Lead delineation sample									X	X	
	4-6'		08/29/2024 1445	Lead delineation sample									X	X	
DB-03B	0-2'	Lot 31	08/29/2024 1450	Lead delineation sample									X	X	
	2-4'		08/29/2024 1455	Lead delineation sample									X	X	
	4-6'		08/29/2024 1500	Lead delineation sample									X	X	
DB-04	0-2'	Lot 31	08/29/2024 1255	Lead delineation sample									X	X	
	2-4'		08/29/2024 1305	Lead delineation sample									X	X	
	4-6'		08/29/2024 1305	Lead delineation sample									X	X	
DB-04A	0-2'	Lot 31	08/29/2024 1340	Lead delineation sample									X	X	
	2-4'		08/29/2024 1345	Lead delineation sample									X	X	
	4-6'		08/29/2024 1355	Lead delineation sample									X	X	
DB-04B	0-2'	Lot 31	08/29/2024 1400	Lead delineation sample									X	X	
	2-4'		08/29/2024 1405	Lead delineation sample									X	X	
	4-6'		08/29/2024 1410	Lead delineation sample									X	X	
SB-04	0-2"	Lot 31	08/29/2024 0930	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/29/2024 0935	Potential cover system evaluation	X	X	X	X	X	X	X				
	4-6'		08/29/2024 0940	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	8-10'		08/29/2024 0945	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
	10-12'		08/29/2024 0950	2-ft interval at groundwater interface	X	X	X	X	X	X	X				
SB-05	0-2"	Lot 32	08/29/2024 1100	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/29/2024 1105	Potential cover system evaluation	X	X	X	X	X	X	X				
	4-6'		08/29/2024 1110	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	8-10'		08/29/2024 1115	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
SB-06	0-2"	Lot 32	08/29/2024 1140	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/29/2024 1145	Potential cover system evaluation	X	X	X	X	X	X	X				
	4-6'		08/29/2024 1150	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	8-10'		08/29/2024 1155	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
SB-07	0-2"	Lot 32	08/29/2024 1210	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/29/2024 1215	Potential cover system evaluation	X	X	X	X	X	X	X				
	4-6'		08/30/2024 0800	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	8-10'		08/29/2024 1225	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
SB-08	0-2"	Lot 32	08/28/2024 0815	2-inch interval immediately below slab	X	X	X	X	X	X	X				
	2"-2'		08/28/2024 0820	Potential cover system evaluation	X	X	X	X	X	X	X				
	3-5'		08/28/2024 0825	2-ft interval at base of observed fill layer	X	X	X	X	X	X	X				
	9-11'		08/28/2024 0830	2-ft interval above groundwater interface/development depth	X	X	X	X	X	X	X				
	11-13'		08/28/2024 0835	2-ft interval at groundwater interface	X	X	X	X	X	X	X				
TP-01	10'	Lot 32	08/27/2024 1100	Subsurface soil evaluation within vicinity of suspect UST	X	X							X		
TP-02	10'	Lot 32	08/27/2024 1250	Subsurface soil evaluation within vicinity of suspect UST	X	X							X		

Boring Number	Sample Depth (bgs)	Sample Location	Date Taken/Time	Sample Rationale	Target Compound List VOCs (8260D/5035)	Target Compound List SVOCs (8270E)/(8270)	Total Analyte List Metals (6010D)/(6010)	PCBs (8082A)	Pesticides (8081B)	PFAS (1633)	1,4-Dioxane (8270)/(8270E-SIM)	Dissolved Target Analyte List Metals (6020)	Total Lead	TCLP Lead	VOCs (TO-15)
GROUNDWATER															
MW-01	Straddle water table	Lot 31	09/06/2024 0810	-	X	X	X	X	X	X	X	X			
MW-02	Straddle water table	Lot 32	09/06/2024 1040	-	X	X	X	X	X	X	X	X			
MW-03	Straddle water table	Lot 31	09/06/2024 0915	-	X	X	X	X	X	X	X	X			
MW-04	Straddle water table	Lot 32	09/06/2024 1200	-	X	X	X	X	X	X	X	X			
OW-1	Straddle water table	Lot 32	09/05/2024 0930	-	X	X	X	X	X	X	X	X			
SOIL VAPOR															
SV-01	8-10'	Lot 32	08/28/2024 1419	Development depth or 2-ft above the water table (whichever is shallower)											X
SV-02	8-10'	Lot 31	08/29/2024 1248	Development depth or 2-ft above the water table (whichever is shallower)											X
SV-03	8-10'	Lot 32	08/28/2024 1232	Development depth or 2-ft above the water table (whichever is shallower)											X
SV-04	8-10'	Lot 31	08/29/2024 1030	Development depth or 2-ft above the water table (whichever is shallower)											X
SV-05	8-10'	Lot 32	08/29/2024 954	Development depth or 2-ft above the water table (whichever is shallower)											X
SV-06	8-10'	Lot 32	08/29/2024 1020	Development depth or 2-ft above the water table (whichever is shallower)											X

Notes:
BGS - below existing grade surface
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
PCBs - Polychlorinated biphenyls
PFAS - Per- and Polyfluoroalkyl Substances
Additional samples will be collected from any interval exhibiting elevated photoionization detector (PID) readings or where visual and olfactory evidence of impacts are observed.
Samples to be collected from the base of the fill layer and two-foot interval above the groundwater interface will be determined in the field and collected as determined by visual logging.
Soil samples will only be collected from test pits advanced in the vicinity of suspect USTs if elevated PID readings or visual and olfactory evidence of impacts are observed.

QA/QC sampling:
MS/MSD - 1 for every 20 samples analyzed
Trip Blanks - 1 per cooler per day of samples to be analyzed for VOCs
Field Blanks -1 for every 20 samples analyzed
Duplicates - 1 for every 20 samples analyzed

Boring Number	Sample Depth (bgs)	Sample Location	Sample Rationale	Target Compound List VOCs (8260D/5035)	Target Compound List SVOCs (8270E)/(8270)	Total Analyte List Metals (6010D)/(6010)	PCBs (8082A)	Pesticides (8081B)	PFAS (1633)	1,4-Dioxane (8270)/(8270E-SIM)	Dissolved Target Analyte List Metals (6020)	Total Lead	TCLP Lead	VOCs (TO-15)
SOIL														
SB-03	13-15	Lot 32	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	17-19	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	2-ft top of rock	Lot 32	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
SB-06	13-15	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	17-19	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	2-ft top of rock	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
SB-09	13-15	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	17-19	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
	2-ft top of rock	Lot 31	Track 1 vs Track 2 Assessment	X	X	X	X	X	X	X				
DB-01B	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-N	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-N1	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-N2	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-W	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-W1	2-4	Lot 31	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-W2	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-S	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-S1	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-S2	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-E	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-E1	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01B-E2	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	
DB-01	2-4	Lot 32	Lead delineation sample									X	X	
	2-ft bottom of fill layer		Lead delineation sample									X	X	
	2-ft top of native		Lead delineation sample									X	X	
	top of rock		Lead delineation sample									X	X	

Boring Number	Sample Depth (bgs)	Sample Location	Sample Rationale	Target Compound List VOCs (8260D/5035)	Target Compound List SVOCs (8270E)/(8270)	Total Analyte List Metals (6010D)/(6010)	PCBs (8082A)	Pesticides (8081B)	PFAS (1633)	1,4-Dioxane (8270)/(8270E-SIM)	Dissolved Target Analyte List Metals (6020)	Total Lead	TCLP Lead	VOCs (TO-15)
GROUNDWATER														
MW-01	Straddle water table	Lot 31	-	X	X	X	X	X	X	X	X			
MW-02	Straddle water table	Lot 32	-	X	X	X	X	X	X	X	X			
MW-03	Straddle water table	Lot 31	-	X	X	X	X	X	X	X	X			
MW-04	Straddle water table	Lot 32	-	X	X	X	X	X	X	X	X			
OW-1	Straddle water table	Lot 32	-	X	X	X	X	X	X	X	X			
MW-5	Straddle water table	Off site Lot 32	-						X					
MW-6	Straddle water table	Lot 32	-	X	X	X	X	X	X	X	X			

Notes:
BGS - below existing grade surface
VOCs - Volatile Organic Compounds
SVOCs - Semi-volatile Organic Compounds
PCBs - Polychlorinated biphenyls
PFAS - Per- and Polyfluoroalkyl Substances
Additional samples will be collected from any interval exhibiting elevated photoionization detector (PID) readings or where visual and olfactory evidence of impacts are observed.
Samples to be collected from the base of the fill layer and two-foot interval above the groundwater interface will be determined in the field and collected as determined by visual logging.
Soil samples will only be collected from test pits advanced in the vicinity of suspect USTs if elevated PID readings or visual and olfactory evidence of impacts are observed.

QA/QC sampling:
MS/MSD - 1 for every 20 samples analyzed
Trip Blanks - 1 per cooler per day of samples to be analyzed for VOCs
Field Blanks - 1 for every 20 samples analyzed
Duplicates - 1 for every 20 samples analyzed

TABLE 2
SYNOPTIC MONITORING WELL GAUGING RESULTS
 60 WILLIAM STREET DEVELOPMENT
 58-60 WILLIAM STREET
 NEWBURGH, NEW YORK

MONITORING WELL ID	TIME	DEPTH TO WATER (FEET BELOW TOP OF CASING)	TOP OF CASING ELEVATION (FEET)	GROUNDWATER ELEVATION (FEET)
MW-01	9:09 AM	11.68	147.92	136.24
MW-02	9:18 AM	14.33	150.74	136.41
MW-03	9:12 AM	13.61	148.54	134.93
MW-04	9:21 AM	15.74	151.12	135.38
MW-05	9:29 AM	12.85	144.82	131.97
MW-06	9:16 AM	12.30	148.89	136.59
OW-01	9:25 AM	10.94	146.11	135.17

Notes:

1. Monitoring wells were surveyed by DPK Consulting LLC. on October 8, 2024 and July 23, 2024.
2. Elevation refers to the North American Vertical Datum of 1988 (NAVD88).
3. All dimensions are in US survey feet.
4. All wells gauged on July 23, 2025 by Sebastian Sotomayor

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			DB-01	DB-01A	DB-01B	DB-02	DB-02A	DB-02B	DB-03	DB-03A	DB-03B	DB-04	DB-04A	DB-04B	SB-01	SB-01	SB-01	SB-01
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	DB-01_0'-2' 08/29/2024	DB-01A_0'-2' 08/29/2024	DB-01B_0'-2' 08/29/2024	DB-02_0'-2' 08/29/2024	DB-02A_0'-2' 08/29/2024	DB-02B_0'-2' 08/29/2024	DB-03_0'-2' 08/29/2024	DB-03A_0'-2' 08/29/2024	DB-03B_0'-2' 08/29/2024	DB-04_0'-2' 08/29/2024	DB-04A_0'-2' 08/29/2024	DB-04B_0'-2' 08/29/2024	SB-01_0-2" 08/28/2024 460-310345-6	SB-01_2"-2' 08/28/2024 460-310345-7	DUP-01_20240828 08/28/2024 460-310345-22	SB-01_6-8' 08/28/2024 460-310345-8
				460-310412-17 0 - 2 (ft)	460-310412-20 0 - 2 (ft)	460-310412-23 0 - 2 (ft)	460-310412-26 0 - 2 (ft)	460-310412-29 0 - 2 (ft)	460-310412-32 0 - 2 (ft)	460-310412-35 0 - 2 (ft)	460-310412-38 0 - 2 (ft)	460-310412-41 0 - 2 (ft)	460-310412-51 0 - 2 (ft)	460-310412-54 0 - 2 (ft)	460-310412-57 0 - 2 (ft)	460-310346-6 0 - 0.167 (ft)	460-310346-7 0.167 - 2 (ft)	460-310346-23 -	460-310346-8 6 - 8 (ft)
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	0.68	100	0.68	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,1,2,2-Tetrachloroethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,1,2-Trichloroethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,1-Dichloroethane	0.27	26	0.27	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,1-Dichloroethene	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2,3-Trichlorobenzene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2,4-Trichlorobenzene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2,4-Trimethylbenzene	3.6	52	3.6	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2-Dichloroethane	0.02	3.1	0.02	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,2-Dichloropropane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,3,5-Trimethylbenzene	8.4	52	8.4	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0057)	ND (0.0037)	ND (0.0041)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0057)	ND (0.0037)	ND (0.0041)
2-Phenylbutane (sec-Butylbenzene)	11	100	11	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0057)	ND (0.0037)	ND (0.0041)
Acetone	0.05	100	0.05	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0091)	0.007	ND (0.0045)	ND (0.005)
Benzene	0.06	4.8	0.06	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Bromodichloromethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Bromoform	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Bromomethane (Methyl Bromide)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.003)	ND (0.0023)	ND (0.0015)	ND (0.0017)
Carbon disulfide	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Carbon tetrachloride	0.76	2.4	0.76	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Chlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Chlorobromomethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Chloroethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Chloroform (Trichloromethane)	0.37	49	0.37	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Chloromethane (Methyl Chloride)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
cis-1,2-Dichloroethene	0.25	100	0.25	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
cis-1,3-Dichloropropene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Cyclohexane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Cymene (p-Isopropyltoluene)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Ethylbenzene	1	41	1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Isopropylbenzene (Cumene)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
m,p-Xylenes	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Methyl acetate	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0076)	ND (0.0057)	ND (0.0037)	ND (0.0041)
Methyl Tert Butyl Ether (MTBE)	0.93	100	0.93	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Methylcyclohexane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Methylene chloride (Dichloromethane)	0.05	100	0.05	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.003)	ND (0.0023)	ND (0.0015)	ND (0.0017)
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
n-Propylbenzene	3.9	100	3.9	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
o-Xylene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Styrene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
tert-Butylbenzene	5.9	100	5.9	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Tetrachloroethene	1.3	19	1.3	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	0.0023 J	ND (0.00083)
Toluene	0.7	100	0.7	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
trans-1,2-Dichloroethene	0.19	100	0.19	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
trans-1,3-Dichloropropene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Trichloroethene	0.47	21	0.47	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	0.0017 J	ND (0.00083)
Trichlorofluoromethane (CFC-11)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Vinyl chloride	0.02	0.9	0.02	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0015)	ND (0.0011)	ND (0.00075)	ND (0.00083)
Xylene (Total)	1.6	100	0.26	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.003)	ND (0.0023)	ND (0.0015)	ND (0.0017)

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			DB-01	DB-01A	DB-01B	DB-02	DB-02A	DB-02B	DB-03	DB-03A	DB-03B	DB-04	DB-04A	DB-04B	SB-01	SB-01	SB-01	SB-01
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	DB-01_0'-2' 08/29/2024	DB-01A_0'-2' 08/29/2024	DB-01B_0'-2' 08/29/2024	DB-02_0'-2' 08/29/2024	DB-02A_0'-2' 08/29/2024	DB-02B_0'-2' 08/29/2024	DB-03_0'-2' 08/29/2024	DB-03A_0'-2' 08/29/2024	DB-03B_0'-2' 08/29/2024	DB-04_0'-2' 08/29/2024	DB-04A_0'-2' 08/29/2024	DB-04B_0'-2' 08/29/2024	SB-01_0-2" 08/28/2024 460-310345-6	SB-01_2"-2' 08/28/2024 460-310345-7	SB-01_20240828 08/28/2024 460-310346-23	SB-01_6-8' 08/28/2024 460-310345-8
				460-310412-17 0 - 2 (ft)	460-310412-20 0 - 2 (ft)	460-310412-23 0 - 2 (ft)	460-310412-26 0 - 2 (ft)	460-310412-29 0 - 2 (ft)	460-310412-32 0 - 2 (ft)	460-310412-35 0 - 2 (ft)	460-310412-38 0 - 2 (ft)	460-310412-41 0 - 2 (ft)	460-310412-51 0 - 2 (ft)	460-310412-54 0 - 2 (ft)	460-310412-57 0 - 2 (ft)	460-310346-6 0 - 0.167 (ft)	460-310346-7 0.167 - 2 (ft)	-	6 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																			
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2,4,5-Trichlorophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2,4,6-Trichlorophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.14)
2,4-Dichlorophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.14)
2,4-Dimethylphenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2,4-Dinitrophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	ND (0.29)	ND (0.27)
2,4-Dinitrotoluene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	ND (0.073)	ND (0.069)
2,6-Dinitrotoluene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	ND (0.073)	ND (0.069)
2-Chloronaphthalene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2-Chlorophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2-Methylnaphthalene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2-Methylphenol (o-Cresol)	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2-Nitroaniline	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
2-Nitrophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
3&4-Methylphenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
3,3'-Dichlorobenzidine	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.14)
3-Nitroaniline	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4,6-Dinitro-2-methylphenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	ND (0.29)	ND (0.27)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Chloro-3-methylphenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Chloroaniline	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Chlorophenyl phenyl ether	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Methylphenol	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Nitroaniline	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
4-Nitrophenol	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.69)	ND (0.68)	ND (0.73)	ND (0.69)
Acenaphthene	98	100	20	-	-	-	-	-	-	-	-	-	-	-	-	0.021 J	0.015 J	ND (0.36)	ND (0.34)
Acenaphthylene	107	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.05 J	0.013 J	ND (0.36)	ND (0.34)
Acetophenone	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Anthracene	1000	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.061 J	0.035 J	ND (0.36)	ND (0.34)
Atrazine	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.14)
Benzaldehyde	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Benzo(a)anthracene	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0.29	0.11	ND (0.036)	ND (0.034)
Benzo(a)pyrene	22	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0.31	0.099	ND (0.036)	ND (0.034)
Benzo(b)fluoranthene	1.7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	0.42	0.13	ND (0.036)	ND (0.034)
Benzo(g,h,i)perylene	1000	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.22 J	0.064 J	ND (0.36)	ND (0.34)
Benzo(k)fluoranthene	1.7	3.9	0.8	-	-	-	-	-	-	-	-	-	-	-	-	0.15	0.056	ND (0.036)	ND (0.034)
Biphenyl	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
bis(2-Chloroethoxy)methane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
bis(2-Chloroethyl)ether	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.35	0.11 J	ND (0.36)	ND (0.34)
Butyl benzylphthalate (BBP)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Caprolactam	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Carbazole	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.026 J	ND (0.34)	ND (0.36)	ND (0.34)
Chrysene	1	3.9	1	-	-	-	-	-	-	-	-	-	-	-	-	0.33 J	0.11 J	ND (0.36)	ND (0.34)
Dibenz[a,h]anthracene	1000	0.33	0.33	-	-	-	-	-	-	-	-	-	-	-	-	0.051	ND (0.034)	ND (0.036)	ND (0.034)
Dibenzofuran	210	59	7	-	-	-	-	-	-	-	-	-	-	-	-	0.011 J	ND (0.34)	ND (0.36)	ND (0.34)
Diethyl phthalate	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Dimethyl phthalate	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Di-n-butylphthalate (DBP)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.07 J	0.055 J	ND (0.36)	0.014 J
Di-n-octyl phthalate (DnOP)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Fluoranthene	1000	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.54	0.21 J	ND (0.36)	ND (0.34)
Fluorene	386	100	30	-	-	-	-	-	-	-	-	-	-	-	-	0.02 J	0.017 J	ND (0.36)	ND (0.34)
Hexachlorobenzene	3.2	1.2	0.33	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
Hexachlorobutadiene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.069)	ND (0.068)	ND (0.073)	ND (0.069)
Hexachlorocyclopentadiene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Hexachloroethane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.057	ND (0.036)	ND (0.034)
Isophorone	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.14)	ND (0.14)	ND (0.15)	ND (0.14)
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	0.0073 J	0.013 J	ND (0.36)	ND (0.34)
Nitrobenzene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
N-Nitrosodi-n-propylamine	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.034)	ND (0.034)	ND (0.036)	ND (0.034)
N-Nitrosodiphenylamine	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Pentachlorophenol	0.8	6.7	0.8	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.27)	ND (0.27)	ND (0.29)	ND (0.27)
Phenanthrene	1000	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.29 J	0.17 J	ND (0.36)	ND (0.34)
Phenol	0.33	100	0.33	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.34)	ND (0.34)	ND (0.36)	ND (0.34)
Pyrene	1000	100	100	-	-	-	-	-	-	-	-	-	-	-	-	0.53	0.2 J	ND (0.36)	ND (0.34)

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			DB-01 DB-01_0'-2' 08/29/2024	DB-01A DB-01A_0'-2' 08/29/2024	DB-01B DB-01B_0'-2' 08/29/2024	DB-02 DB-02_0'-2' 08/29/2024	DB-02A DB-02A_0'-2' 08/29/2024	DB-02B DB-02B_0'-2' 08/29/2024	DB-03 DB-03_0'-2' 08/29/2024	DB-03A DB-03A_0'-2' 08/29/2024	DB-03B DB-03B_0'-2' 08/29/2024	DB-04 DB-04_0'-2' 08/29/2024	DB-04A DB-04A_0'-2' 08/29/2024	DB-04B DB-04B_0'-2' 08/29/2024	SB-01 SB-01_0-2" 08/28/2024 460-310345-6	SB-01 SB-01_2"-2' 08/28/2024 460-310345-7	SB-01 DUP-01_20240828 08/28/2024 460-310345-22	SB-01 SB-01_6-8' 08/28/2024 460-310345-8
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	460-310412-17 0 - 2 (ft)	460-310412-20 0 - 2 (ft)	460-310412-23 0 - 2 (ft)	460-310412-26 0 - 2 (ft)	460-310412-29 0 - 2 (ft)	460-310412-32 0 - 2 (ft)	460-310412-35 0 - 2 (ft)	460-310412-38 0 - 2 (ft)	460-310412-41 0 - 2 (ft)	460-310412-51 0 - 2 (ft)	460-310412-54 0 - 2 (ft)	460-310412-57 0 - 2 (ft)	460-310346-6 0 - 0.167 (ft)	460-310346-7 0.167 - 2 (ft)	460-310346-23 -	460-310346-8 6 - 8 (ft)
Inorganic Compounds (mg/kg)																			
Aluminum	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	11700	11200	11500	12500
Antimony	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	1.5	0.54 J	0.34 J	0.35 J
Arsenic	16	16	13	-	-	-	-	-	-	-	-	-	-	-	-	48.9	16.1	5.9	6.9
Barium	820	400	350	-	-	-	-	-	-	-	-	-	-	-	-	191 J+	81.2 J+	34.2 J+	38.5 J+
Beryllium	47	72	7.2	-	-	-	-	-	-	-	-	-	-	-	-	0.54	0.44	0.52	0.49
Cadmium	7.5	4.3	2.5	-	-	-	-	-	-	-	-	-	-	-	-	0.93	0.29 J	0.15 J	0.14 J
Calcium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	3440 J+	2440 J+	1330 J+	1600 J+
Chromium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	19.9	17.3	13.6	18.2
Cobalt	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	8.8	7.7	14.1	11.4
Copper	1720	270	50	-	-	-	-	-	-	-	-	-	-	-	-	47.1	27.1	25.8	25.3
Iron	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	22100	22900	23900	30200
Lead	450	400	63	570	38.9	1980	28.6	22.2	20.4	24.5	22.6	31.6	106	64.9	887	577 J+	176 J+	12.2 J+	34.3 J+
Magnesium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	3850	4700	4820	5730
Manganese	2000	2000	1600	-	-	-	-	-	-	-	-	-	-	-	-	762	472	803	684
Mercury	0.73	0.81	0.18	-	-	-	-	-	-	-	-	-	-	-	-	0.76	0.82	0.013 J	0.058
Nickel	130	310	30	-	-	-	-	-	-	-	-	-	-	-	-	22.8	20.3	22.6	25.3
Potassium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	1300 J-	1010 J-	989 J-	979 J-
Selenium	4	180	3.9	-	-	-	-	-	-	-	-	-	-	-	-	0.89 J	0.36 J	ND (1.1)	0.13 J
Silver	8.3	180	2	-	-	-	-	-	-	-	-	-	-	-	-	0.71	0.19 J	ND (0.35)	ND (0.32)
Sodium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	58.3 J	49.7 J	78 J	61 J
Thallium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.14 J	0.078 J	0.065 J	0.056 J
Vanadium	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	29.3	19.4	14.6	15.9
Zinc	2480	10000	109	-	-	-	-	-	-	-	-	-	-	-	-	326	123	64.3	76.7
TCLP Inorganic Compounds (ug/L)																			
Lead	NA	NA	NA	938	18.4	1070	10.9 J	517	20.2	119	27.8	48.7	58.3	223	394	215	104	-	-
PCBs (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1221 (PCB-1221)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1232 (PCB-1232)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1242 (PCB-1242)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1248 (PCB-1248)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1254 (PCB-1254)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1260 (PCB-1260)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1262 (PCB-1262)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Aroclor-1268 (PCB-1268)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
Pesticides (mg/kg)																			
4,4'-DDD	14	13	0.0033	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
4,4'-DDE	17	8.9	0.0033	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
4,4'-DDT	136	7.9	0.0033	-	-	-	-	-	-	-	-	-	-	-	-	0.0024 J	ND (0.0068)	ND (0.0073)	ND (0.0069)
Aldrin	0.19	0.097	0.005	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
alpha-BHC	0.02	0.48	0.02	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.002)	ND (0.002)	ND (0.0022)	ND (0.0021)
alpha-Chlordane (cis)	2.9	4.2	0.094	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
beta-BHC	0.09	0.36	0.036	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.002)	ND (0.002)	ND (0.0022)	ND (0.0021)
Chlordane	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)
delta-BHC	0.25	100	0.04	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.002)	ND (0.002)	ND (0.0022)	ND (0.0021)
Dieldrin	0.1	0.2	0.005	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.002)	ND (0.002)	ND (0.0022)	ND (0.0021)
Endosulfan I	102	24	2.4	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Endosulfan II	102	24	2.4	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Endosulfan sulfate	1000	24	2.4	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Endrin	0.06	11	0.014	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Endrin aldehyde	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Endrin ketone	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
gamma-BHC (Lindane)	0.1	1.3	0.1	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.002)	ND (0.002)	ND (0.0022)	ND (0.0021)
Heptachlor	0.38	2.1	0.042	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Heptachlor epoxide	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Methoxychlor	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0068)	ND (0.0068)	ND (0.0073)	ND (0.0069)
Toxaphene	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.068)	ND (0.068)	ND (0.073)	ND (0.069)

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			DB-01	DB-01A	DB-01B	DB-02	DB-02A	DB-02B	DB-03	DB-03A	DB-03B	DB-04	DB-04A	DB-04B	SB-01	SB-01	SB-01	SB-01
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	DB-01_0'-2' 08/29/2024	DB-01A_0'-2' 08/29/2024	DB-01B_0'-2' 08/29/2024	DB-02_0'-2' 08/29/2024	DB-02A_0'-2' 08/29/2024	DB-02B_0'-2' 08/29/2024	DB-03_0'-2' 08/29/2024	DB-03A_0'-2' 08/29/2024	DB-03B_0'-2' 08/29/2024	DB-04_0'-2' 08/29/2024	DB-04A_0'-2' 08/29/2024	DB-04B_0'-2' 08/29/2024	SB-01_0-2" 08/28/2024 460-310345-6	SB-01_2"-2' 08/28/2024 460-310345-7	DUP-01_20240828 08/28/2024 460-310345-22	SB-01_6-8' 08/28/2024 460-310345-8
				460-310412-17 0 - 2 (ft)	460-310412-20 0 - 2 (ft)	460-310412-23 0 - 2 (ft)	460-310412-26 0 - 2 (ft)	460-310412-29 0 - 2 (ft)	460-310412-32 0 - 2 (ft)	460-310412-35 0 - 2 (ft)	460-310412-38 0 - 2 (ft)	460-310412-41 0 - 2 (ft)	460-310412-51 0 - 2 (ft)	460-310412-54 0 - 2 (ft)	460-310412-57 0 - 2 (ft)	460-310346-6 0 - 0.167 (ft)	460-310346-7 0.167 - 2 (ft)	460-310346-23 -	460-310346-8 6 - 8 (ft)
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072)	ND (0.00072)	ND (0.00077)	ND (0.00077)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0045)	ND (0.0045)	ND (0.0048) J	ND (0.0048)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0045)	ND (0.0045)	ND (0.0048)	ND (0.0048)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0009)	ND (0.0009)	ND (0.00097)	ND (0.00097)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072)	ND (0.00072)	ND (0.00077)	ND (0.00077)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072) J	ND (0.00072) J	ND (0.00077) J	ND (0.00077)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072) J	ND (0.00072) J	ND (0.00077) J	ND (0.00077)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072) J	ND (0.00072) J	ND (0.00077) J	ND (0.00077)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072)	ND (0.00072)	ND (0.00077)	ND (0.00077)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0018)	ND (0.0018)	ND (0.0019)	ND (0.0019)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.0018)	ND (0.0018)	ND (0.0019)	ND (0.0019)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00036)	ND (0.00036)	ND (0.00039)	ND (0.00039)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00036)	ND (0.00036)	ND (0.00039)	ND (0.00039)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00036)	ND (0.00036)	ND (0.00039)	ND (0.00039)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072)	ND (0.00072)	ND (0.00077)	ND (0.00077)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00036)	ND (0.00036)	ND (0.00039)	ND (0.00039)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.00023	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorobutanoic acid (PFBA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00072)	ND (0.00072)	ND (0.00077)	ND (0.00077)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorodecanoic acid (PFDA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorononanoic acid (PFNA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018) J	ND (0.00018) J	ND (0.00019)	ND (0.00019) J
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	-	-	-	-	-	-	-	-	-	-	-	-	0.0014	0.0005	ND (0.00019)	0.00027
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	-	-	-	-	-	-	-	-	-	-	-	-	0.00095 J	0.0003 J	ND (0.00019)	ND (0.00019) J
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00036)	ND (0.00036)	ND (0.00039)	ND (0.00039)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00019)
US EPA PFAS (PFOS + PFOA)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	0.0023	0.0008	ND (0.00019)	0.00036

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

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

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-01	SB-01	SB-02	SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03
	Restricted Use	NY Part 375	NY Part 375	SB-01_8-10'	SB-01_10-12'	SB-02_0-2"	SB-02_2"-2'	SB-02_5-7'	SB-02_9-11'	SB-02_11-13'	SB-03_0-2"	SB-03_2"-2"	SB-03_6-8'	SB-03_8-10'	SB-03_10-12'	SB-03_0-2"-Lead	SB-03_2"-2'-Lead	SB-03_6-8'-Lead
	Soil Cleanup Objectives - Protection of Groundwater	Restricted Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	08/28/2024 460-310345-9 460-310346-9 8 - 10 (ft)	08/28/2024 460-310345-12 460-310346-10 10 - 12 (ft)	08/28/2024 460-310345-10 460-310346-11 0 - 0.167 (ft)	08/28/2024 460-310345-11 460-310346-12 0.167 - 2 (ft)	08/28/2024 460-310345-13 460-310346-13 5 - 7 (ft)	08/28/2024 460-310345-14 460-310346-14 9 - 11 (ft)	08/28/2024 460-310345-15 460-310346-15 11 - 13 (ft)	08/28/2024 460-310345-16 460-310346-16 0 - 0.167 (ft)	08/28/2024 460-310345-17 460-310346-17 0.167 - 2 (ft)	08/28/2024 460-310345-18 460-310346-18 6 - 8 (ft)	08/28/2024 460-310345-19 460-310346-19 8 - 10 (ft)	08/28/2024 460-310345-20 460-310346-20 10 - 12 (ft)	08/29/2024 460-310412-44 460-310412-45 0 - 0.167 (ft)	08/29/2024 460-310412-45 0.167 - 2 (ft)	08/29/2024 460-310412-46 6 - 8 (ft)
Volatile Organic Compounds (mg/kg)																		
1,1,1-Trichloroethane	0.68	100	0.68	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,1,2-Trichloroethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,1-Dichloroethane	0.27	26	0.27	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,1-Dichloroethene	0.33	100	0.33	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,2,3-Trichlorobenzene	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,2,4-Trimethylbenzene	3.6	52	3.6	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.00038 J	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,2-Dichloroethane	0.02	3.1	0.02	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,2-Dichloropropane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,3,5-Trimethylbenzene	8.4	52	8.4	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	ND (0.0035)	ND (0.0039)	ND (0.0042)	ND (0.0054)	ND (0.0045)	ND (0.006)	0.0022 J	ND (0.0043)	ND (0.0038)	ND (0.0041)	ND (0.0059)	ND (0.0036)	-	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.0035)	ND (0.0039)	ND (0.0042)	ND (0.0054)	ND (0.0045)	ND (0.006)	ND (0.0036)	ND (0.0043)	ND (0.0038)	ND (0.0041)	ND (0.0059)	ND (0.0036)	-	-	-
2-Phenylbutane (sec-Butylbenzene)	11	100	11	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.02	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (0.0035)	ND (0.0039)	ND (0.0042)	ND (0.0054)	ND (0.0045)	ND (0.006)	ND (0.0036)	ND (0.0043)	ND (0.0038)	ND (0.0041)	ND (0.0059)	ND (0.0036)	-	-	-
Acetone	0.05	100	0.05	ND (0.0043)	0.0064	ND (0.005)	ND (0.0065)	0.0072	0.022	0.027	ND (0.0051)	ND (0.0046)	ND (0.0049)	ND (0.0071)	ND (0.0043)	-	-	-
Benzene	0.06	4.8	0.06	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Bromodichloromethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Bromoform	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.0014)	ND (0.0016)	ND (0.0017)	ND (0.0022)	ND (0.0018)	ND (0.0024)	ND (0.0014)	ND (0.0017)	ND (0.0015)	ND (0.0016)	ND (0.0024)	ND (0.0014)	-	-	-
Carbon disulfide	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.00061 J	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Carbon tetrachloride	0.76	2.4	0.76	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Chlorobenzene	1.1	100	1.1	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
Chlorobromomethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Chloroethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Chloroform (Trichloromethane)	0.37	49	0.37	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Chloromethane (Methyl Chloride)	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
cis-1,2-Dichloroethene	0.25	100	0.25	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Cyclohexane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Cymene (p-Isopropyltoluene)	NA	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Ethylbenzene	1	41	1	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
Isopropylbenzene (Cumene)	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.0032	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
m,p-Xylenes	NA	NA	NA	ND (0.00071)	ND (0.00078)	0.00027 J	ND (0.0011)	ND (0.00091)	0.00031 J	ND (0.00072)	0.00022 J	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
Methyl acetate	NA	NA	NA	ND (0.0035)	ND (0.0039)	ND (0.0042)	ND (0.0054)	ND (0.0045)	ND (0.006)	ND (0.0036)	ND (0.0043)	ND (0.0038)	ND (0.0041)	ND (0.0059)	ND (0.0036)	-	-	-
Methyl Tert Butyl Ether (MTBE)	0.93	100	0.93	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Methylcyclohexane	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.011	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
Methylene chloride (Dichloromethane)	0.05	100	0.05	ND (0.0014)	ND (0.0016)	ND (0.0017)	ND (0.0022)	ND (0.0018)	ND (0.0024)	ND (0.0014)	ND (0.0017)	ND (0.0015)	ND (0.0016)	ND (0.0024)	ND (0.0014)	-	-	-
Naphthalene	12	100	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	12	100	12	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.019	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
n-Propylbenzene	3.9	100	3.9	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	0.0036	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072)	-	-	-
o-Xylene	NA	NA	NA	ND (0.00071)	ND (0.00078)	0.00017 J	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	0.00023 J	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
Styrene	NA	NA	NA	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0011)	ND (0.00091)	ND (0.0012)	ND (0.00072)	ND (0.00086)	ND (0.00077)	ND (0.00081)	ND (0.0012)	ND (0.00072) J	-	-	-
tert-Butylbenzene	5.9	100	5.9	ND (0.00071)	ND (0.00078)	ND (0.00083)	ND (0.0											

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-01	SB-01	SB-02	SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03
	Restricted Use	NY Part 375	NY Part 375	SB-01_8-10'	SB-01_10-12'	SB-02_0-2"	SB-02_2"-2'	SB-02_5-7'	SB-02_9-11'	SB-02_11-13'	SB-03_0-2"	SB-03_2"-2"	SB-03_6-8'	SB-03_8-10'	SB-03_10-12'	SB-03_0-2"-Lead	SB-03_2"-2'-Lead	SB-03_6-8'-Lead
	Soil Cleanup Objectives - Protection of Groundwater	Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	08/28/2024 460-310345-9 460-310346-9 8 - 10 (ft)	08/28/2024 460-310345-12 460-310346-10 10 - 12 (ft)	08/28/2024 460-310345-10 460-310346-11 0 - 0.167 (ft)	08/28/2024 460-310345-11 460-310346-12 0.167 - 2 (ft)	08/28/2024 460-310345-13 460-310346-13 5 - 7 (ft)	08/28/2024 460-310345-14 460-310346-14 9 - 11 (ft)	08/28/2024 460-310345-15 460-310346-15 11 - 13 (ft)	08/28/2024 460-310345-16 460-310346-16 0 - 0.167 (ft)	08/28/2024 460-310345-17 460-310346-17 0.167 - 2 (ft)	08/28/2024 460-310345-18 460-310346-18 6 - 8 (ft)	08/28/2024 460-310345-19 460-310346-19 8 - 10 (ft)	08/28/2024 460-310345-20 460-310346-20 10 - 12 (ft)	08/29/2024 460-310412-44 460-310412-45 0 - 0.167 (ft)	08/29/2024 460-310412-45 460-310412-46 0.167 - 2 (ft)	08/29/2024 460-310412-46 460-310412-46 6 - 8 (ft)
Semi-Volatile Organic Compounds (mg/kg)																		
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
1,4-Dioxane	0.1	13	0.1	ND (0.035)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2,3,4,6-Tetrachlorophenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.14)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)	-	-	-
2,4-Dichlorophenol	NA	NA	NA	ND (0.14)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)	-	-	-
2,4-Dimethylphenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2,4-Dinitrophenol	NA	NA	NA	ND (0.28)	ND (0.3)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	-	-	-
2,4-Dinitrotoluene	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
2,6-Dinitrotoluene	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
2-Chloronaphthalene	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2-Chlorophenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2-Methylnaphthalene	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	0.018 J	0.11 J	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2-Methylphenol (o-Cresol)	0.33	100	0.33	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
2-Nitrophenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
3&4-Methylphenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.14)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)	-	-	-
3-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.28)	ND (0.3)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	-	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Chloroaniline	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Methylphenol	0.33	100	0.33	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
4-Nitrophenol	NA	NA	NA	ND (0.7)	ND (0.75)	ND (0.69)	ND (0.69)	ND (0.68)	ND (0.68)	ND (0.69)	ND (0.69)	ND (0.68)	ND (0.68)	ND (0.68)	ND (0.68)	-	-	-
Acenaphthene	98	100	20	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	0.01 J	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Acenaphthylene	107	100	100	ND (0.35)	ND (0.37)	0.015 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	0.012 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Acetophenone	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Anthracene	1000	100	100	ND (0.35)	ND (0.37)	0.018 J	0.012 J	0.027 J	0.038 J	ND (0.34)	0.013 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Atrazine	NA	NA	NA	ND (0.14)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.13)	-	-	-
Benzaldehyde	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Benzo(a)anthracene	1	1	1	ND (0.035)	ND (0.037)	0.11	0.04	0.092	0.098	ND (0.034)	0.071	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Benzo(a)pyrene	22	1	1	ND (0.035)	ND (0.037)	0.088	0.033 J	0.083	0.097	ND (0.034)	0.081	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Benzo(b)fluoranthene	1.7	1	1	ND (0.035)	ND (0.037)	0.11	0.044	0.12	0.13	ND (0.034)	0.099	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Benzo(g,h,i)perylene	1000	100	100	ND (0.35)	ND (0.37)	0.055 J	0.033 J	0.073 J	0.092 J	ND (0.34)	0.092 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Benzo(k)fluoranthene	1.7	3.9	0.8	ND (0.035)	ND (0.037)	0.045	0.017 J	0.051	0.049	ND (0.034)	0.035	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Biphenyl	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	0.014 J	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
bis(2-Chloroethoxy)methane	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
bis(2-Chloroethyl)ether	NA	NA	NA	ND (0.035)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Butyl benzylphthalate (BBP)	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	0.049 J	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Caprolactam	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Carbazole	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	0.015 J	0.019 J	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Chrysene	1	3.9	1	ND (0.35)	ND (0.37)	0.1 J	0.037 J	0.094 J	0.1 J	ND (0.34)	0.076 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Dibenz[a,h]anthracene	1000	0.33	0.33	ND (0.035)	ND (0.037)	ND (0.034)	ND (0.034)	0.02 J	0.017 J	ND (0.034)	0.015 J	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Dibenzofuran	210	59	7	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Diethyl phthalate	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Dimethyl phthalate	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Di-n-butylphthalate (DBP)	NA	NA	NA	ND (0.35)	0.022 J	0.027 J	0.031 J	0.034 J	0.031 J	0.037 J	0.038 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Di-n-octyl phthalate (DnOP)	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Fluoranthene	1000	100	100	ND (0.35)	ND (0.37)	0.2 J	0.068 J	0.17 J	0.18 J	ND (0.34)	0.13 J	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Fluorene	386	100	30	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	0.026 J	0.034 J	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Hexachlorobenzene	3.2	1.2	0.33	ND (0.035)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.033)	-	-	-
Hexachlorobutadiene	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.35)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)	ND (0.33)	-	-	-
Hexachloroethane	NA	NA	NA	ND (0.035)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)	ND (0.034)</								

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-01	SB-01	SB-02	SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03
	Restricted Use	NY Part 375	NY Part 375	SB-01_8-10'	SB-01_10-12'	SB-02_0-2"	SB-02_2"-2'	SB-02_5-7'	SB-02_8-9-11'	SB-02_11-13'	SB-03_0-2"	SB-03_2"-2"	SB-03_6-8'	SB-03_8-10'	SB-03_10-12'	SB-03_0-2"-Lead	SB-03_2"-2'-Lead	SB-03_6-8'-Lead
	Soil Cleanup Objectives - Protection of Groundwater	Restricted Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	08/28/2024 460-310345-9 460-310346-9 8 - 10 (ft)	08/28/2024 460-310345-12 460-310346-10 10 - 12 (ft)	08/28/2024 460-310345-10 460-310346-11 0 - 0.167 (ft)	08/28/2024 460-310345-11 460-310346-12 0.167 - 2 (ft)	08/28/2024 460-310345-13 460-310346-14 5 - 7 (ft)	08/28/2024 460-310345-14 460-310346-15 9 - 11 (ft)	08/28/2024 460-310345-15 460-310346-16 11 - 13 (ft)	08/28/2024 460-310345-16 460-310346-17 0 - 0.167 (ft)	08/28/2024 460-310345-17 460-310346-18 0.167 - 2 (ft)	08/28/2024 460-310345-18 460-310346-19 6 - 8 (ft)	08/28/2024 460-310345-19 460-310346-20 8 - 10 (ft)	08/28/2024 460-310345-20 460-310346-21 10 - 12 (ft)	08/29/2024 460-310412-44 0 - 0.167 (ft)	08/29/2024 460-310412-45 0.167 - 2 (ft)	08/29/2024 460-310412-46 6 - 8 (ft)
Inorganic Compounds (mg/kg)																		
Aluminum	NA	NA	NA	9860	10600	12100	9930	11400	8180	11300	12000	15000	13000	13000	8750	-	-	-
Antimony	NA	NA	NA	0.2 J	0.39 J	0.31 J	0.86	0.68 J	0.87	0.35 J	0.84	0.63 J	0.24 J	0.26 J	0.22 J	-	-	-
Arsenic	16	16	13	4.7	7.4	6.1	6.7	6.9	5.8	5.6	8.7	7.2	5	5.7	4	-	-	-
Barium	820	400	350	65.7 J+	37 J+	62.8 J+	87.5 J+	69.3 J+	82.3 J+	51.7 J+	114 J+	59 J+	34.6 J+	59.3 J+	26.4 J+	-	-	-
Beryllium	47	72	7.2	0.44	0.45	0.56	0.47	0.5	0.35	0.51	0.52	0.46	0.5	0.54	0.35	-	-	-
Cadmium	7.5	4.3	2.5	ND (0.83)	0.11 J	0.17 J	0.92	0.72 J	1	0.13 J	0.22 J	ND (0.77)	ND (0.81)	0.1 J	ND (0.81)	-	-	-
Calcium	NA	NA	NA	1060 J+	1510 J+	6030 J+	30700 J+	14300 J+	43300 J+	1640 J+	2970 J+	933 J+	860 J+	1550 J+	1390 J+	-	-	-
Chromium	NA	NA	NA	12.9	13.8	16.6	17.7	20.1	15.9	15	17.1	16.9	16.9	17.1	12.4	-	-	-
Cobalt	NA	NA	NA	8.7	13	10.1	8	10.1	7.9	13.2	8.5	9.2	9.2	10.2	7.2	-	-	-
Copper	1720	270	50	24	28	22.7	31.3	35	27.3	28.5	46.8	22.6	25.1	27.5	18.7	-	-	-
Iron	NA	NA	NA	22500	24700	28300	26400	27100	22900	28200	21300	26200	27200	29700	19800	-	-	-
Lead	450	400	63	8.6 J+	14.3 J+	93.4 J+	215 J+	158 J+	693 J+	13 J+	812 J+	68.9 J+	11.2 J+	13.1 J+	7.8 J+	26.9	674	22.1
Magnesium	NA	NA	NA	4800	4710	5210	5590	5910	4590	5040	3710	4740	5400	5660	4010	-	-	-
Manganese	2000	2000	1600	566	605	520	463	715	509	1030	473	439	483	901	499	-	-	-
Mercury	0.73	0.81	0.18	0.021	ND (0.017)	0.095	0.47	0.8	0.47	0.021	1.5	0.36	0.041	0.041	0.01 J	-	-	-
Nickel	130	310	30	20.8	21.7	22	20.7	23	21.3	22.6	19.5	20.3	23.6	23.8	16.3	-	-	-
Potassium	NA	NA	NA	772 J-	1060 J-	1060 J-	1090 J-	1440 J-	1130 J-	1260 J-	1220 J-	1000 J-	1010 J-	1330 J-	1060 J-	-	-	-
Selenium	4	180	3.9	ND (1)	0.16 J	0.11 J	0.32 J	0.21 J	0.23 J	ND (0.99)	0.64 J	0.27 J	0.16 J	0.15 J	0.3 J	-	-	-
Silver	8.3	180	2	ND (0.33)	ND (0.34)	ND (0.32)	0.083 J	0.08 J	0.075 J	ND (0.32)	0.19 J	ND (0.31)	ND (0.32)	ND (0.33)	ND (0.32)	-	-	-
Sodium	NA	NA	NA	80 J	90.9	39.8 J	127	78.8 J	123	49.1 J	87.2	45.1 J	39.1 J	52.8 J	47.3 J	-	-	-
Thallium	NA	NA	NA	0.036 J	0.072 J	0.059 J	0.067 J	0.089 J	0.062 J	0.081 J	0.12 J	0.1 J	0.062 J	0.082 J	0.049 J	-	-	-
Vanadium	NA	NA	NA	14	16.4	17.2	21.2	21.6	18.8	19.3	22.2	22.8	17.8	19	13.4	-	-	-
Zinc	2480	10000	109	52.1	72	82.8	164	137	282	66.6	195	75.7	55.7	65.7	49.5	-	-	-
TCLP Inorganic Compounds (ug/L)																		
Lead	NA	NA	NA	-	-	-	12	36.6	24	-	725	-	-	-	-	15.9	401	32
PCBs (mg/kg)																		
Aroclor-1016 (PCB-1016)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1221 (PCB-1221)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1232 (PCB-1232)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1242 (PCB-1242)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1248 (PCB-1248)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1254 (PCB-1254)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1260 (PCB-1260)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1262 (PCB-1262)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Aroclor-1268 (PCB-1268)	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
Pesticides (mg/kg)																		
4,4'-DDD	14	13	0.0033	ND (0.007)	ND (0.0075)	ND (0.0069)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	-	-	-
4,4'-DDE	17	8.9	0.0033	ND (0.007)	ND (0.0075)	ND (0.0069)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	-	-	-
4,4'-DDT	136	7.9	0.0033	ND (0.007)	ND (0.0075)	ND (0.0069)	0.0024 J	ND (0.0068)	ND (0.0068)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	-	-	-
Aldrin	0.19	0.097	0.005	ND (0.007)	ND (0.0075)	ND (0.0069)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	-	-	-
alpha-BHC	0.02	0.48	0.02	ND (0.0021)	ND (0.0022)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	-	-	-
alpha-Chlordane (cis)	2.9	4.2	0.094	ND (0.007)	ND (0.0075)	ND (0.0069)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0069)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	-	-	-
beta-BHC	0.09	0.36	0.036	ND (0.0021)	ND (0.0022)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	-	-	-
Chlordane	NA	NA	NA	ND (0.07)	ND (0.075)	ND (0.069)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	-	-	-
delta-BHC	0.25	100	0.04	ND (0.0021)	ND (0.0022)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.0021)	ND (0.002)	ND (0.002)						

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-01	SB-01	SB-02	SB-02	SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03
	Restricted Use	NY Part 375	NY Part 375	SB-01	SB-01	SB-02	SB-02	SB-02	SB-02	SB-02	SB-02	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03	SB-03
	Soil Cleanup Objectives - Protection of Groundwater	Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	SB-01_8-10' 08/28/2024 460-310345-9 460-310346-9 8 - 10 (ft)	SB-01_10-12' 08/28/2024 460-310345-12 460-310346-10 10 - 12 (ft)	SB-02_0-2" 08/28/2024 460-310345-10 460-310346-11 0 - 0.167 (ft)	SB-02_2"-2' 08/28/2024 460-310345-11 460-310346-12 0.167 - 2 (ft)	SB-02_5-7' 08/28/2024 460-310345-13 460-310346-13 5 - 7 (ft)	SB-02_9-11' 08/28/2024 460-310345-14 460-310346-14 9 - 11 (ft)	SB-02_11-13' 08/28/2024 460-310345-15 460-310346-15 11 - 13 (ft)	SB-03_0-2" 08/28/2024 460-310345-16 460-310346-16 0 - 0.167 (ft)	SB-03_2"-2" 08/28/2024 460-310345-17 460-310346-17 0.167 - 2 (ft)	SB-03_6-8' 08/28/2024 460-310345-18 460-310346-18 6 - 8 (ft)	SB-03_8-10' 08/28/2024 460-310345-19 460-310346-19 8 - 10 (ft)	SB-03_10-12' 08/28/2024 460-310345-20 460-310346-20 10 - 12 (ft)	SB-03_0-2"-Lead 08/29/2024 460-310412-44 0 - 0.167 (ft)	SB-03_2"-2'-Lead 08/29/2024 460-310412-45 0.167 - 2 (ft)	SB-03_6-8'-Lead 08/29/2024 460-310412-46 6 - 8 (ft)	
PFAS (mg/kg)																			
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	ND (0.0008)	ND (0.00083)	ND (0.0007)	ND (0.00075)	ND (0.00072)	ND (0.00075)	ND (0.00069)	ND (0.00075)	ND (0.00078)	ND (0.00072)	ND (0.00071)	ND (0.00084)	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	ND (0.005)	ND (0.0052)	ND (0.0044)	ND (0.0047)	ND (0.0045)	ND (0.0047)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0045)	ND (0.0045)	ND (0.0053) J	-	-	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	ND (0.005)	ND (0.0052)	ND (0.0044)	ND (0.0047)	ND (0.0045)	ND (0.0047)	ND (0.0043)	ND (0.0047)	ND (0.0049)	ND (0.0045)	ND (0.0045)	ND (0.0053)	-	-	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	ND (0.001)	ND (0.001)	ND (0.00088)	ND (0.00093)	ND (0.0009)	ND (0.00094)	ND (0.00087)	ND (0.00094)	ND (0.00097)	ND (0.0009)	ND (0.00089)	ND (0.0011)	-	-	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	ND (0.0008)	ND (0.00083)	ND (0.0007)	ND (0.00075)	ND (0.00072)	ND (0.00075)	ND (0.00069)	ND (0.00075)	ND (0.00078)	ND (0.00072)	ND (0.00071)	ND (0.00084)	-	-	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	ND (0.0008)	ND (0.00083) J	ND (0.0007) J	ND (0.00075)	ND (0.00072) J	ND (0.00075) J	ND (0.00069) J	ND (0.00075) J	ND (0.00078) J	ND (0.00072) J	ND (0.00071) J	ND (0.00084) J	-	-	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	ND (0.0008)	ND (0.00083) J	ND (0.0007) J	ND (0.00075)	ND (0.00072) J	ND (0.00075) J	ND (0.00069)	ND (0.00075) J	ND (0.00078) J	ND (0.00072) J	ND (0.00071) J	ND (0.00084) J	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	ND (0.0008)	ND (0.00083) J	ND (0.0007) J	ND (0.00075)	ND (0.00072) J	ND (0.00075) J	ND (0.00069) J	ND (0.00075) J	ND (0.00078) J	ND (0.00072) J	ND (0.00071) J	ND (0.00084) J	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	ND (0.0008)	ND (0.00083)	ND (0.0007)	ND (0.00075)	ND (0.00072)	ND (0.00075)	ND (0.00069)	ND (0.00075)	ND (0.00078)	ND (0.00072)	ND (0.00071)	ND (0.00084)	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NetFOSAA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	ND (0.002)	ND (0.0021)	ND (0.0018)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0017)	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0021)	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	ND (0.002)	ND (0.0021)	ND (0.0018)	ND (0.0019)	ND (0.0018)	ND (0.0019)	ND (0.0017)	ND (0.0019)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0021)	-	-	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	ND (0.0004)	ND (0.00042)	ND (0.00035)	ND (0.00037)	ND (0.00036)	ND (0.00038)	ND (0.00035)	ND (0.00038)	ND (0.00039)	ND (0.00036)	ND (0.00036)	ND (0.00042)	-	-	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	ND (0.0004)	ND (0.00042)	ND (0.00035)	ND (0.00037)	ND (0.00036)	ND (0.00038)	ND (0.00035)	ND (0.00038)	ND (0.00039)	ND (0.00036)	ND (0.00036)	ND (0.00042)	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	ND (0.0004)	ND (0.00042)	ND (0.00035)	ND (0.00037)	ND (0.00036)	ND (0.00038)	ND (0.00035)	ND (0.00038)	ND (0.00039)	ND (0.00036)	ND (0.00036)	ND (0.00042)	-	-	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	ND (0.0008)	ND (0.00083)	ND (0.0007)	ND (0.00075)	ND (0.00072)	ND (0.00075)	ND (0.00069)	ND (0.00075)	ND (0.00078)	ND (0.00072)	ND (0.00071)	ND (0.00084)	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	ND (0.0004)	ND (0.00042)	ND (0.00035)	ND (0.00037)	ND (0.00036)	ND (0.00038)	ND (0.00035)	ND (0.00038)	ND (0.00039)	ND (0.00036)	ND (0.00036)	ND (0.00042)	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorobutanoic acid (PFBA)	NA	NA	NA	ND (0.0008)	ND (0.00083)	ND (0.0007)	ND (0.00075)	ND (0.00072)	ND (0.00075)	ND (0.00069)	ND (0.00075)	ND (0.00078)	ND (0.00072)	ND (0.00071)	ND (0.00084)	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorodecanoic acid (PFDA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	0.00019	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorononanoic acid (PFNA)	NA	NA	NA	ND (0.0002) J	ND (0.00021) J	ND (0.00018) J	ND (0.00019) J	ND (0.00018) J	ND (0.00019) J	ND (0.00017) J	ND (0.00019) J	ND (0.00019) J	ND (0.00018) J	ND (0.00018) J	ND (0.00021)	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	ND (0.0002)	ND (0.00021)	0.001	0.005	0.0012	0.0073	0.0004	0.001	0.0025 J	0.00097 J	ND (0.00018)	0.00035	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	ND (0.0002) J	ND (0.00021) J	0.00021 J	0.00088 J	ND (0.00018) J	0.0011 J	ND (0.00017) J	0.00034 J	0.0009 J	0.00066 J	ND (0.00018) J	ND (0.00021)	-	-	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	ND (0.0004)	ND (0.00042)	ND (0.00035)	ND (0.00037)	ND (0.00036)	ND (0.00038)	ND (0.00035)	ND (0.00038)	ND (0.00039)	ND (0.00036)	ND (0.00036)	ND (0.00042)	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	ND (0.0002)	ND (0.00021)	ND (0.00018)	ND (0.00019)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00021)	-	-	-	-
US EPA PFAS (PFOS + PFOA)	NA	NA	NA	0.0002	ND (0.00021)	0.0012	0.0059	0.0014	0.0084	0.00045 J	0.0014	0.0034 J	0.0016 J						

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

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

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-03	SB-03	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-05	SB-05	SB-05	SB-05	SB-05	SB-06
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03_8-10'-Lead 08/29/2024	SB-03_10-12'-Lead 08/29/2024	SB-04_0-2" 08/29/2024	SB-04_2"-2' 08/29/2024	SB-04_6'-8' 08/29/2024	SB-04_6-8' 08/29/2024	SB-04_8'-10' 08/29/2024	SB-04_8-10' 08/29/2024	SB-04_10'-12' 08/29/2024	SB-04_10-12' 08/29/2024	SB-04_10-12' 08/29/2024	SB-05_0-2" 08/29/2024	SB-05_2"-2' 08/29/2024	SB-05_6'-8' 08/29/2024	SB-05_6-8' 08/29/2024	SB-05_8'-10' 08/29/2024	SB-06_0-2" 08/29/2024
				460-310412-47 8 - 10 (ft)	460-310412-48 10 - 12 (ft)	460-310411-4 0 - 0.167 (ft)	460-310411-5 0.167 - 2 (ft)	460-310412-6 6 - 8 (ft)	460-310411-6 6 - 8 (ft)	460-310412-7 8 - 1 (ft)	460-310411-7 8 - 10 (ft)	460-310412-8 10 - 12 (ft)	460-310411-8 10 - 12 (ft)	460-310411-9 0 - 0.167 (ft)	460-310412-10 0.167 - 2 (ft)	460-310412-11 6 - 8 (ft)	460-310411-11 6 - 8 (ft)	460-310412-12 8 - 10 (ft)	460-310411-13 0 - 0.167 (ft)	
Volatile Organic Compounds (mg/kg)																				
1,1,1-Trichloroethane	0.68	100	0.68	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,1,2,2-Tetrachloroethane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,1,2-Trichloroethane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,1-Dichloroethane	0.27	26	0.27	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,1-Dichloroethene	0.33	100	0.33	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2,3-Trichlorobenzene	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079) J	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2,4-Trichlorobenzene	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079) J	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2,4-Trimethylbenzene	3.6	52	3.6	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	0.0021	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2-Dichlorobenzene	1.1	100	1.1	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2-Dichloroethane	0.02	3.1	0.02	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,2-Dichloropropane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,3,5-Trimethylbenzene	8.4	52	8.4	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	0.00049 J	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,3-Dichlorobenzene	2.4	49	2.4	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,4-Dichlorobenzene	1.8	13	1.8	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	-	-	ND (0.0052)	ND (0.0052)	ND (0.004)	-	0.0016 J	-	0.0049	-	ND (0.0039)	ND (0.0044)	ND (0.0049)	-	ND (0.0042)	ND (0.0054)	
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	-	-	ND (0.0052)	ND (0.0052)	ND (0.004)	-	ND (0.0055)	-	ND (0.0045)	-	ND (0.0039)	ND (0.0044)	ND (0.0049)	-	ND (0.0042)	ND (0.0054)	
2-Phenylbutane (sec-Butylbenzene)	11	100	11	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	0.01	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	-	-	ND (0.0052)	ND (0.0052)	ND (0.004)	-	ND (0.0055)	-	ND (0.0045)	-	ND (0.0039)	ND (0.0044)	ND (0.0049)	-	ND (0.0042)	ND (0.0054)	
Acetone	0.05	100	0.05	-	-	ND (0.0063)	ND (0.0062)	ND (0.0047)	-	0.014	-	0.026	-	ND (0.0046)	ND (0.0052)	ND (0.0059)	-	ND (0.0051)	0.024	
Benzene	0.06	4.8	0.06	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Bromodichloromethane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Bromoform	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Bromomethane (Methyl Bromide)	NA	NA	NA	-	-	ND (0.0021)	ND (0.0021)	ND (0.0016)	-	ND (0.0022)	-	ND (0.0018)	-	ND (0.0015)	ND (0.0017)	ND (0.002)	-	ND (0.0017)	ND (0.0021)	
Carbon disulfide	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Carbon tetrachloride	0.76	2.4	0.76	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Chlorobenzene	1.1	100	1.1	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Chlorobromomethane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Chloroethane	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Chloroform (Trichloromethane)	0.37	49	0.37	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Chloromethane (Methyl Chloride)	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
cis-1,2-Dichloroethene	0.25	100	0.25	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
cis-1,3-Dichloropropene	NA	NA	NA	-	-	ND (0.001)	ND (0.001)	ND (0.00079)	-	ND (0.0011)	-	ND (0.0009)	-	ND (0.00077)	ND (0.00087)	ND (0.00099)	-	ND (0.00084)	ND (0.0011)	
Cyclohexane	NA																			

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-03	SB-03	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-05	SB-05	SB-05	SB-05	SB-05	SB-06
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03_8-10'-Lead 08/29/2024	SB-03_10-12'-Lead 08/29/2024	SB-04_0-2" 08/29/2024	SB-04_2"-2' 08/29/2024	SB-04_6'-8' 08/29/2024	SB-04_6'-8' 08/29/2024	SB-04_8'-10' 08/29/2024	SB-04_8'-10' 08/29/2024	SB-04_10'-12' 08/29/2024	SB-04_10-12' 08/29/2024	SB-05_0-2" 08/29/2024	SB-05_2"-2'- 08/29/2024	SB-05_6'-8' 08/29/2024	SB-05_6'-8' 08/29/2024	SB-05_8'-10' 08/29/2024	SB-06_0-2" 08/29/2024	
	460-310412-47 8 - 10 (ft)	460-310412-48 10 - 12 (ft)	460-310411-4 0 - 0.167 (ft)	460-310411-5 0.167 - 2 (ft)	460-310412-6 6 - 8 (ft)	460-310411-6 6 - 8 (ft)	460-310412-7 8 - 1 (ft)	460-310411-7 8 - 10 (ft)	460-310412-8 10 - 12 (ft)	460-310411-8 10 - 12 (ft)	460-310411-9 0 - 0.167 (ft)	460-310412-10 0.167 - 2 (ft)	460-310412-11 6 - 8 (ft)	460-310411-11 6 - 8 (ft)	460-310411-12 8 - 10 (ft)	460-310412-13 0 - 0.167 (ft)				
Semi-Volatile Organic Compounds (mg/kg)																				
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
1,4-Dioxane	0.1	13	0.1	-	-	ND (0.033)	ND (0.034)	ND (0.036)	-	ND (0.035)	-	ND (0.037)	-	ND (0.037)	ND (0.035)	ND (0.035)	-	ND (0.035)	ND (0.035)	
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
2,3,4,6-Tetrachlorophenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
2,4,5-Trichlorophenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
2,4,6-Trichlorophenol	NA	NA	NA	-	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.15)	-	ND (0.15)	ND (0.14)	ND (0.14)	-	ND (0.14) J	ND (0.14)	
2,4-Dichlorophenol	NA	NA	NA	-	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.15)	-	ND (0.15)	ND (0.14)	ND (0.14)	-	ND (0.14) J	ND (0.14)	
2,4-Dimethylphenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
2,4-Dinitrophenol	NA	NA	NA	-	-	ND (0.27)	ND (0.28)	ND (0.29)	-	ND (0.29)	-	ND (0.3)	-	ND (0.3)	ND (0.28)	ND (0.29)	-	ND (0.28)	ND (0.28)	
2,4-Dinitrotoluene	NA	NA	NA	-	-	ND (0.068)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.076)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)	
2,6-Dinitrotoluene	NA	NA	NA	-	-	ND (0.068)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.076)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)	
2-Chloronaphthalene	NA	NA	NA	-	-	ND (0.33)	0.044 J	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
2-Chlorophenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
2-Methylnaphthalene	NA	NA	NA	-	-	0.011 J	ND (0.34)	ND (0.36)	-	0.011 J	-	0.39	-	0.016 J	ND (0.35)	ND (0.35)	-	ND (0.35) J	0.068 J	
2-Methylphenol (o-Cresol)	0.33	100	0.33	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
2-Nitroaniline	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
2-Nitrophenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
3&4-Methylphenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
3,3'-Dichlorobenzidine	NA	NA	NA	-	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.15)	-	ND (0.15)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	
3-Nitroaniline	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
4,6-Dinitro-2-methylphenol	NA	NA	NA	-	-	ND (0.27)	ND (0.28)	ND (0.29)	-	ND (0.29)	-	ND (0.3)	-	ND (0.3)	ND (0.28)	ND (0.29)	-	ND (0.28)	ND (0.28)	
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
4-Chloro-3-methylphenol	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
4-Chloroaniline	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
4-Chlorophenyl phenyl ether	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
4-Methylphenol	0.33	100	0.33	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35) J	ND (0.35)	
4-Nitroaniline	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
4-Nitrophenol	NA	NA	NA	-	-	ND (0.68)	ND (0.69)	ND (0.73)	-	ND (0.72)	-	ND (0.75)	-	ND (0.76)	ND (0.72)	ND (0.72)	-	ND (0.71)	ND (0.71)	
Acenaphthene	98	100	20	-	-	0.02 J	0.012 J	ND (0.36)	-	0.024 J	-	0.28 J	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	0.088 J	
Acenaphthylene	107	100	100	-	-	0.012 J	0.05 J	ND (0.36)	-	0.013 J	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	0.055 J	
Acetophenone	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
Anthracene	1000	100	100	-	-	0.053 J	0.033 J	ND (0.36)	-	0.062 J	-	0.18 J	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	0.22 J	
Atrazine	NA	NA	NA	-	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.15)	-	ND (0.15)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	
Benzaldehyde	NA	NA	NA	-	-	ND (0.33)	ND (0.34)	ND (0.36)	-	ND (0.35)	-	ND (0.37)	-	ND (0.37)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	
Benzo(a)anthracene	1	1	1	-	-	0.17	0.13	0.04	-	0.24	-	0.032 J	-	0.068	ND (0.035)	ND (0.035)	-	ND (0.035)	0.67	
Benzo(a)pyrene	22	1	1	-	-	0.17	0.12	0.036	-	0.24	-	0.02 J	-	0.073	0.022 J	ND (0.035)	-	ND (0.035) J	0.69	
Benzo(b)fluoranthene	1.7	1	1	-	-	0.22	0.17	0.044	-	0.32	-	0.026 J	-	0.092	0.03 J	ND (0.035)	-	ND (0.035) J	0.86	
Benzo(g,h,i)perylene	1000	100	100	-	-	0.12 J														

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level																		
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03 SB-03_8-10'-Lead 08/29/2024	SB-03 SB-03_10-12'-Lead 08/29/2024	SB-04 SB-04_0-2" 08/29/2024	SB-04_2"-2' 08/29/2024	SB-04 SB-04_6'-8' 08/29/2024	SB-04 SB-04_6-8' 08/29/2024	SB-04 SB-04_8'-10' 08/29/2024	SB-04 SB-04_8-10' 08/29/2024	SB-04 SB-04_10'-12' 08/29/2024	SB-04 SB-04_10-12' 08/29/2024	SB-05 SB-05_0-2" 08/29/2024	SB-05_2"-2' 08/29/2024	SB-05 SB-05_6'-8' 08/29/2024	SB-05 SB-05_6-8' 08/29/2024	SB-05 SB-05_8'-10' 08/29/2024	SB-06 SB-06_0-2" 08/29/2024
				460-310412-47 8 - 10 (ft)	460-310412-48 10 - 12 (ft)	460-310411-4 0 - 0.167 (ft)	460-310411-5 0.167 - 2 (ft)	460-310412-6 6 - 8 (ft)	460-310411-6 6 - 8 (ft)	460-310412-7 8 - 1 (ft)	460-310411-7 8 - 10 (ft)	460-310412-8 10 - 12 (ft)	460-310411-8 10 - 12 (ft)	460-310411-9 0 - 0.167 (ft)	460-310411-10 0.167 - 2 (ft)	460-310412-10 6 - 8 (ft)	460-310411-11 6 - 8 (ft)	460-310411-12 8 - 10 (ft)	460-310411-13 0 - 0.167 (ft)
Inorganic Compounds (mg/kg)																			
Aluminum	NA	NA	NA	-	-	12600	10300	14400	-	12300	-	11500	-	7020	10200	14100	-	11800	10300
Antimony	NA	NA	NA	-	-	ND (1)	0.3 J	0.14 J	-	ND (1)	-	ND (1.1)	-	0.32 J	ND (1)	ND (1)	-	ND (0.95)	0.34 J
Arsenic	16	16	13	-	-	5.9	8.5	5.7	-	6.5	-	5	-	4.4	4.2	7.3	-	4.9	8.1
Barium	820	400	350	-	-	45.7	130	66.6	-	107	-	32.1	-	57.9	42.6	35.1	-	46	111
Beryllium	47	72	7.2	-	-	0.5	0.5	0.56	-	0.56	-	0.47	-	0.32 J	0.39 J	0.55	-	0.41	0.41
Cadmium	7.5	4.3	2.5	-	-	ND (1)	0.22 J	0.11 J	-	0.22 J	-	ND (1.1)	-	0.19 J	ND (1)	ND (1)	-	ND (0.95)	0.66 J
Calcium	NA	NA	NA	-	-	1670 J	9910 J	2830 J	-	6330 J	-	1250 J	-	51800 J	5090 J	6210 J	-	945 J	18700 J
Chromium	NA	NA	NA	-	-	16.2	15	16.8	-	50.3	-	14.8	-	10.8	13.8	14.9	-	16.3	17.2
Cobalt	NA	NA	NA	-	-	10.1	8.5	9.8	-	11.3	-	11.3	-	6.4	8	10.6	-	9.7	8.8
Copper	1720	270	50	-	-	26	38.7	24.7	-	43.4	-	30.1	-	37.5	20.4	25.5	-	27.6	45.7
Iron	NA	NA	NA	-	-	27700	18200	25900	-	29500	-	27400	-	20300	20600	28500	-	28200	25100
Lead	450	400	63	13.5	8.9	26.7 J	181 J	78.7 J	-	65.4 J	-	14 J	-	141 J	44.2 J	12.8 J	-	10.9 J	364 J
Magnesium	NA	NA	NA	-	-	5250	3650	4660	-	5190	-	5670	-	23500	5400	6700	-	5480	8220
Manganese	2000	2000	1600	-	-	559 J	394 J	542 J	-	527 J	-	367 J	-	399 J	591 J	1050 J	-	807 J	603 J
Mercury	0.73	0.81	0.18	-	-	0.13 J+	0.71 J+	0.53 J+	-	0.23 J+	-	0.023 J+	-	0.85 J+	0.1 J+	0.027 J+	-	0.013 J+	0.98 J+
Nickel	130	310	30	-	-	23.7	19.3	20.9	-	26.1	-	24.3	-	14.4	17.7	22.1	-	22.6	20.5
Potassium	NA	NA	NA	-	-	1040 J+	860 J+	868 J+	-	1170 J+	-	958 J+	-	778 J+	808 J+	916 J+	-	894 J+	984 J+
Selenium	4	180	3.9	-	-	0.16 J	0.52 J	0.27 J	-	0.18 J	-	0.17 J	-	0.18 J	ND (1.3)	0.2 J	-	ND (1.2)	0.38 J
Silver	8.3	180	2	-	-	ND (0.4)	0.15 J	ND (0.38)	-	ND (0.41)	-	ND (0.43)	-	ND (0.4)	ND (0.4)	ND (0.41)	-	ND (0.38)	0.25 J
Sodium	NA	NA	NA	-	-	ND (101)	123	45.2 J	-	72.9 J	-	ND (107)	-	81 J	ND (101)	ND (102)	-	ND (94.5)	70.2 J
Thallium	NA	NA	NA	-	-	0.079 J	0.12 J	0.089 J	-	0.059 J	-	0.057 J	-	0.057 J	0.064 J	0.077 J	-	0.064 J	0.074 J
Vanadium	NA	NA	NA	-	-	17.6 J+	25.6 J+	17.9 J+	-	19.1 J+	-	15.3 J+	-	13 J+	12.9 J+	23.4 J+	-	17.5 J+	18 J+
Zinc	2480	10000	109	-	-	65.8	120	84.3	-	88	-	73.7	-	93.9	58	54.4	-	66.8	193
TCLP Inorganic Compounds (ug/L)																			
Lead	NA	NA	NA	91.3	ND (12)	-	102	-	-	-	-	-	-	35.8	-	-	-	-	91.1
PCBs (mg/kg)																			
Aroclor-1016 (PCB-1016)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1221 (PCB-1221)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1232 (PCB-1232)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1242 (PCB-1242)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1248 (PCB-1248)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1254 (PCB-1254)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1260 (PCB-1260)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1262 (PCB-1262)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Aroclor-1268 (PCB-1268)	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
Pesticides (mg/kg)																			
4,4'-DDD	14	13	0.0033	-	-	ND (0.0067)	ND (0.0069)	ND (0.0073)	-	ND (0.0072)	-	ND (0.0075)	-	ND (0.0075)	ND (0.0072)	ND (0.0072)	-	ND (0.0071)	ND (0.0071)
4,4'-DDE	17	8.9	0.0033	-	-	ND (0.0067)	ND (0.0069)	ND (0.0073)	-	ND (0.0072)	-	ND (0.0075)	-	ND (0.0075)	ND (0.0072)	ND (0.0072)	-	ND (0.0071)	ND (0.0071)
4,4'-DDT	136	7.9	0.0033	-	-	ND (0.0067)	ND (0.0069)	ND (0.0073)	-	ND (0.0072)	-	ND (0.0075)	-	ND (0.0075)	ND (0.0072)	ND (0.0072)	-	ND (0.0071)	ND (0.0071)
Aldrin	0.19	0.097	0.005	-	-	ND (0.0067)	ND (0.0069)	ND (0.0073)	-	ND (0.0072)	-	ND (0.0075)	-	ND (0.0075)	ND (0.0072)	ND (0.0072)	-	ND (0.0071)	ND (0.0071)
alpha-BHC	0.02	0.48	0.02	-	-	ND (0.002)	ND (0.0021)	ND (0.0022)	-	ND (0.0021)	-	ND (0.0022)	-	ND (0.0023)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)
alpha-Chlordane (cis)	2.9	4.2	0.094	-	-	ND (0.0067)	ND (0.0069)	ND (0.0073)	-	ND (0.0072)	-	ND (0.0075)	-	ND (0.0075)	ND (0.0072)	ND (0.0072)	-	ND (0.0071)	ND (0.0071)
beta-BHC	0.09	0.36	0.036	-	-	ND (0.002)	ND (0.0021)	ND (0.0022)	-	ND (0.0021)	-	ND (0.0022)	-	ND (0.0023)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)
Chlordane	NA	NA	NA	-	-	ND (0.067)	ND (0.069)	ND (0.073)	-	ND (0.072)	-	ND (0.075)	-	ND (0.075)	ND (0.072)	ND (0.072)	-	ND (0.071)	ND (0.071)
delta-BHC	0.25	100	0.04	-	-	ND (0.002)	ND (0.0021)	ND (0.0022)	-	ND (0.0021)	-	ND (0.0022)	-	ND (0.0023)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)
Dieldrin	0.1	0.2	0.005	-	-	ND (0.002)	ND (0.0021)	ND (0.0022)	-	ND (0.0021)	-	ND (0.0022)	-						

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-03	SB-03	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-04	SB-05	SB-05	SB-05	SB-05	SB-05	SB-06
	Restricted Use	NY Part 375	NY Part 375	SB-03_8-10'-Lead	SB-03_10-12'-Lead	SB-04_0-2"	SB-04_2"-2'	SB-04_6'-8'	SB-04_6-8'	SB-04_8'-10'	SB-04_8-10'	SB-04_10'-12'	SB-04_10-12'	SB-05_0-2"	SB-05_2"-2'	SB-05_6'-8'	SB-05_6-8'	SB-05_8'-10'	SB-05_8'-10'	SB-06_0-2"
	Soil Cleanup Objectives - Protection of Groundwater	Restricted Residential Use	Unrestricted Use	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024
		Soil Cleanup Objectives	Soil Cleanup Objectives	460-310412-47 8 - 10 (ft)	460-310412-48 10 - 12 (ft)	460-310411-4 0 - 0.167 (ft)	460-310411-5 0.167 - 2 (ft)	460-310412-6 6 - 8 (ft)	460-310411-6 6 - 8 (ft)	460-310412-7 8 - 1 (ft)	460-310411-7 8 - 10 (ft)	460-310412-8 10 - 12 (ft)	460-310411-8 10 - 12 (ft)	460-310411-9 0 - 0.167 (ft)	460-310411-10 0.167 - 2 (ft)	460-310412-10 6 - 8 (ft)	460-310411-11 6 - 8 (ft)	460-310411-12 8 - 10 (ft)	460-310411-13 0 - 0.167 (ft)	
PFAS (mg/kg)																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	-	-	ND (0.00069)	ND (0.00078)	-	ND (0.0007)	-	ND (0.0007)	-	ND (0.00073)	ND (0.00072)	ND (0.00082)	-	ND (0.0008)	ND (0.00073)	ND (0.0007)	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	-	-	ND (0.0043) J	ND (0.0048) J	-	ND (0.0043) J	-	ND (0.0044) J	-	ND (0.0045) J	ND (0.0045) J	ND (0.0051) J	-	ND (0.005) J	ND (0.0045) J	ND (0.0044) J	
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	-	-	ND (0.0043)	ND (0.0048)	-	ND (0.0043)	-	ND (0.0044)	-	ND (0.0045)	ND (0.0045)	ND (0.0051)	-	ND (0.005)	ND (0.0045)	ND (0.0044)	
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	-	-	ND (0.00087)	ND (0.00097)	-	ND (0.00087)	-	ND (0.00087)	-	ND (0.00091)	ND (0.0009)	ND (0.001)	-	ND (0.001)	ND (0.00091)	ND (0.00087)	
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	-	-	ND (0.00069)	ND (0.00078)	-	ND (0.0007)	-	ND (0.0007)	-	ND (0.00073)	ND (0.00072)	ND (0.00082)	-	ND (0.0008)	ND (0.00073)	ND (0.0007)	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	-	-	ND (0.00069) J	ND (0.00078) J	-	ND (0.0007) J	-	ND (0.0007) J	-	ND (0.00073) J	ND (0.00072) J	ND (0.00082) J	-	ND (0.0008) J	ND (0.00073) J	ND (0.0007) J	
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	-	-	ND (0.00069) J	ND (0.00078) J	-	ND (0.0007) J	-	ND (0.0007) J	-	ND (0.00073) J	ND (0.00072) J	ND (0.00082) J	-	ND (0.0008) J	ND (0.00073) J	ND (0.0007) J	
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	-	-	ND (0.00069) J	ND (0.00078) J	-	ND (0.0007) J	-	ND (0.0007) J	-	ND (0.00073) J	ND (0.00072) J	ND (0.00082) J	-	ND (0.0008) J	ND (0.00073) J	ND (0.0007) J	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	-	-	ND (0.00069)	ND (0.00078)	-	ND (0.0007)	-	ND (0.0007)	-	ND (0.00073)	ND (0.00072)	ND (0.00082) J	-	ND (0.0008)	ND (0.00073)	ND (0.0007) J	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NetFOSAA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	-	-	ND (0.0017)	ND (0.0019)	-	ND (0.0017)	-	ND (0.0017)	-	ND (0.0018)	ND (0.0018)	ND (0.002)	-	ND (0.002)	ND (0.0018)	ND (0.0017)	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	-	-	ND (0.0017)	ND (0.0019)	-	ND (0.0017)	-	ND (0.0017)	-	ND (0.0018)	ND (0.0018)	ND (0.002)	-	ND (0.002)	ND (0.0018)	ND (0.0017)	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	-	-	ND (0.00035)	ND (0.00039)	-	ND (0.00035)	-	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00041)	-	ND (0.0004)	ND (0.00036)	ND (0.00035)	
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	-	-	ND (0.00035)	ND (0.00039)	-	ND (0.00035)	-	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00041)	-	ND (0.0004)	ND (0.00036)	ND (0.00035)	
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	-	-	ND (0.00035)	ND (0.00039)	-	ND (0.00035)	-	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00041)	-	ND (0.0004)	ND (0.00036)	ND (0.00035)	
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	-	-	ND (0.00069)	ND (0.00078)	-	ND (0.0007)	-	ND (0.0007)	-	ND (0.00073)	ND (0.00072)	ND (0.00082)	-	ND (0.0008)	ND (0.00073)	ND (0.0007)	
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	-	-	ND (0.00035)	ND (0.00039)	-	ND (0.00035)	-	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00041)	-	ND (0.0004)	ND (0.00036)	ND (0.00035)	
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorobutanoic acid (PFBA)	NA	NA	NA	-	-	ND (0.00069)	ND (0.00078)	-	ND (0.0007)	-	ND (0.0007)	-	ND (0.00073)	ND (0.00072)	ND (0.00082)	-	ND (0.0008)	ND (0.00073)	ND (0.0007)	
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorodecanoic acid (PFDA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	0.00019	
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	0.00022	
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorononanoic acid (PFNA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	0.0002 J	
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	-	-	0.0008	0.00081	-	0.00045 J	-	0.00039	-	ND (0.00018)	0.0002	0.0005	-	ND (0.0002)	ND (0.00018)	0.0016	
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	-	-	0.0002	0.00031 J	-	0.00055	-	0.00018 J	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	0.00036	
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	-	-	ND (0.00035)	ND (0.00039)	-	ND (0.00035)	-	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00041)	-	ND (0.0004)	ND (0.00036)	ND (0.00035)	
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	-	-	ND (0.00017)	ND (0.00019)	-	ND (0.00017)	-	ND (0.00017)	-	ND (0.00018)	ND (0.00018)	ND (0.0002)	-	ND (0.0002)	ND (0.00018)	ND (0.00017)	
US EPA PFAS (PFOS + PFOA)	NA	NA	NA	-	-	0.001	0.0011 J	-	0.001 J	-	0.00057 J	-	ND (0.00018)	0.00025	0.00059 J	-	ND (0.0002)	ND (0.00018)	0.0019	

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

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

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level																		
	Restricted Use	NY Part 375	NY Part 375	SB-06	SB-06	SB-06	SB-06	SB-06	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08
	Soil Cleanup Objectives - Protection of Groundwater	Restricted Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	SB-06_2"-2' 08/29/2024 460-310411-14 460-310412-14 0.167 - 2 (ft)	SB-06_6'-8' 08/29/2024 460-310412-15 6 - 8 (ft)	SB-06_6-8' 08/29/2024 460-310411-15 6 - 8 (ft)	SB-06_8'-10' 08/29/2024 460-310412-16 8 - 10 (ft)	SB-06_8-10' 08/29/2024 460-310411-16 8 - 10 (ft)	SB-07_0-2" 08/29/2024 460-310411-1 0 - 0.167 (ft)	SB-07_2"-2' 08/29/2024 460-310411-2 0.167 - 2 (ft)	SB-07_8'-10' 08/29/2024 460-310412-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	
Volatile Organic Compounds (mg/kg)																			
1,1,1-Trichloroethane	0.68	100	0.68	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,1,2-Trichloroethane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,1-Dichloroethane	0.27	26	0.27	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,1-Dichloroethene	0.33	100	0.33	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2,3-Trichlorobenzene	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2,4-Trimethylbenzene	3.6	52	3.6	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2-Dichloroethane	0.02	3.1	0.02	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,2-Dichloropropane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,3,5-Trimethylbenzene	8.4	52	8.4	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,3-Dichlorobenzene	2.4	49	2.4	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,4-Dichlorobenzene	1.8	13	1.8	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-	-	-	ND (0.11)	ND (0.1)	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	ND (0.0071)	ND (0.0054)	-	ND (0.0058)	-	ND (0.0058)	ND (0.0056)	ND (0.0043)	-	ND (0.0055)	ND (0.0052)	ND (0.0038)	ND (0.0045)	ND (0.0039)	ND (0.0036)	ND (0.0034)
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.0071)	ND (0.0054)	-	ND (0.0058)	-	ND (0.0058)	ND (0.0056)	ND (0.0043)	-	ND (0.0055)	ND (0.0052)	ND (0.0038)	ND (0.0045)	ND (0.0039)	ND (0.0036)	ND (0.0034)
2-Phenylbutane (sec-Butylbenzene)	11	100	11	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (0.0071)	ND (0.0054)	-	ND (0.0058)	-	ND (0.0058)	ND (0.0056)	ND (0.0043)	-	ND (0.0055)	ND (0.0052)	ND (0.0038)	ND (0.0045)	ND (0.0039)	ND (0.0036)	ND (0.0034)
Acetone	0.05	100	0.05	ND (0.0085)	ND (0.0065)	-	ND (0.0069)	-	ND (0.0069)	ND (0.0067)	ND (0.0052)	-	ND (0.0066)	ND (0.0063)	ND (0.0046)	ND (0.0054)	ND (0.0047)	ND (0.0043)	ND (0.0041)
Benzene	0.06	4.8	0.06	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Bromodichloromethane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Bromoform	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.0028)	ND (0.0022)	-	ND (0.0023)	-	ND (0.0023)	ND (0.0022)	ND (0.0017)	-	ND (0.0022)	ND (0.0021)	ND (0.0015)	ND (0.0018)	ND (0.0016)	ND (0.0014)	ND (0.0014)
Carbon disulfide	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Carbon tetrachloride	0.76	2.4	0.76	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Chlorobenzene	1.1	100	1.1	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Chlorobromomethane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Chloroethane	NA	NA	NA	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND (0.0009)	ND (0.00078)	ND (0.00072)	ND (0.00069)
Chloroform (Trichloromethane)	0.37	49	0.37	ND (0.0014)	ND (0.0011)	-	ND (0.0012)	-	ND (0.0012)	ND (0.0011)	ND (0.00086)	-	ND (0.0011)	ND (0.001)	ND (0.00076)	ND			

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level				SB-06	SB-06	SB-06	SB-06	SB-06	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-08
	Restricted Use	NY Part 375	NY Part 375	SB-06	SB-06	SB-06	SB-06	SB-06	SB-06	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-08
	Soil Cleanup Objectives - Protection of Groundwater	Restricted Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	SB-06_2"-2' 08/29/2024 460-310411-14 460-310412-14 0.167 - 2 (ft)	SB-06_6'-8' 08/29/2024 460-310412-15 6 - 8 (ft)	SB-06_6-8' 08/29/2024 460-310411-15 6 - 8 (ft)	SB-06_8'-10' 08/29/2024 460-310412-16 8 - 10 (ft)	SB-06_8-10' 08/29/2024 460-310411-16 8 - 10 (ft)	SB-07_0-2" 08/29/2024 460-310411-1 460-310412-1 0 - 0.167 (ft)	SB-07_2"-2' 08/29/2024 460-310411-2 460-310412-2 0.167 - 2 (ft)	SB-07_8'-10' 08/29/2024 460-310412-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-07_8-10' 08/29/2024 460-310411-3 8 - 10 (ft)	SB-08_0-2" 08/28/2024 460-310345-1 0 - 0.167 (ft)	SB-08_2"-2' 08/28/2024 460-310345-2 0.167 - 2 (ft)	SB-08_3-5' 08/28/2024 460-310345-3 3 - 5 (ft)	SB-08_9-11' 08/28/2024 460-310345-4 9 - 11 (ft)	SB-08_11-13' 08/28/2024 460-310345-5 460-310346-5 11 - 13 (ft)
Semi-Volatile Organic Compounds (mg/kg)																				
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
1,4-Dioxane	0.1	13	0.1	ND (0.035)	ND (0.035)	-	ND (0.034)	-	ND (0.033)	ND (0.035)	ND (0.035)	-	ND (0.035)	ND (0.035)	ND (0.035)	ND (0.034)	ND (0.033)	ND (0.034)	ND (0.034)	ND (0.034)
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)
2,4-Dichlorophenol	NA	NA	NA	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)
2,4-Dimethylphenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	0.054 J	0.067 J	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2,4-Dinitrophenol	NA	NA	NA	ND (0.28)	ND (0.29)	-	ND (0.27)	-	ND (0.27)	ND (0.28)	ND (0.28)	-	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
2,4-Dinitrotoluene	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)
2,6-Dinitrotoluene	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)
2-Chloronaphthalene	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2-Chlorophenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2-Methylnaphthalene	NA	NA	NA	0.018 J	0.034 J	-	ND (0.34)	-	0.62	0.17 J	ND (0.35)	-	0.12 J	0.06 J	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
2-Methylphenol (o-Cresol)	0.33	100	0.33	ND (0.35)	ND (0.35)	-	ND (0.34)	-	0.028 J	0.047 J	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
2-Nitrophenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
3&4-Methylphenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	0.087 J	0.17 J	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.14)	ND (0.14)	-	ND (0.14)	-	ND (0.13)	ND (0.14)	ND (0.14)	-	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.13)	ND (0.14)	ND (0.14)	ND (0.14)
3-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.28)	ND (0.29)	-	ND (0.27)	-	ND (0.27)	ND (0.28)	ND (0.28)	-	ND (0.28)	ND (0.28)	ND (0.28)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Chloroaniline	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Methylphenol	0.33	100	0.33	ND (0.35)	ND (0.35)	-	ND (0.34)	-	0.087 J	0.17 J	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Nitroaniline	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
4-Nitrophenol	NA	NA	NA	ND (0.72)	ND (0.72)	-	ND (0.69)	-	ND (0.68)	ND (0.71)	ND (0.7)	-	ND (0.71)	ND (0.7)	ND (0.68)	ND (0.68)	ND (0.68)	ND (0.68)	ND (0.68)	ND (0.69)
Acenaphthene	98	100	20	0.067 J	0.073 J	-	0.015 J	-	1.3	0.78	ND (0.35)	-	0.34 J	0.38	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
Acenaphthylene	107	100	100	0.033 J	0.053 J	-	0.017 J	-	0.81	1.9	ND (0.35)	-	0.11 J	0.42	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)
Acetophenone	NA	NA	NA	ND (0.35)	ND (0.35)	-	ND (0.34)	-	ND (0.33)	ND (0.35)	ND (0.35)	-	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.34)	ND (0.33)	ND (0.34)	ND (0.34)	ND (0.34)
Anthracene	1000	100	100	0.15 J	0.19 J	-	0.037 J	-	3.7											

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			SB-06	SB-06	SB-06	SB-06	SB-06	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-08		
	Restricted Use	NY Part 375	NY Part 375	SB-06_2"-2'	SB-06_6'-8'	SB-06_6-8'	SB-06_8'-10'	SB-06_8-10'	SB-07_0-2"	SB-07_2"-2'	SB-07_8'-10'	SB-07_8-10'	SB-07_8-10'	SB-07_8-10'	SB-07_6-8'	DUP-02-20240830	SB-08_0-2"	SB-08_2"-2'	SB-08_3-5'	SB-08_9-11'	SB-08_11-13'
	Soil Cleanup Objectives - Protection of Groundwater	Residential Use Soil Cleanup Objectives	Unrestricted Use Soil Cleanup Objectives	08/29/2024 460-310411-14 460-310412-14 0.167 - 2 (ft)	08/29/2024 460-310412-15 6 - 8 (ft)	08/29/2024 460-310411-15 6 - 8 (ft)	08/29/2024 460-310412-16 8 - 10 (ft)	08/29/2024 460-310411-16 8 - 10 (ft)	08/29/2024 460-310411-1 0 - 0.167 (ft)	08/29/2024 460-310412-2 0.167 - 2 (ft)	08/29/2024 460-310412-3 8 - 10 (ft)	08/29/2024 460-310411-3 8 - 10 (ft)	08/30/2024 460-310553-1 6 - 8 (ft)	08/30/2024 460-310486-2 460-310553-2 6 - 8 (ft)	08/28/2024 460-310345-1 460-310346-1 0 - 0.167 (ft)	08/28/2024 460-310345-2 460-310346-2 0.167 - 2 (ft)	08/28/2024 460-310345-3 460-310346-3 3 - 5 (ft)	08/28/2024 460-310345-4 460-310346-4 9 - 11 (ft)	08/28/2024 460-310345-5 460-310346-5 11 - 13 (ft)		
Inorganic Compounds (mg/kg)																					
Aluminum	NA	NA	NA	9650	11100	-	12600	-	8100	6790	12700	-	12500	12500	15400	12500	12500	11700	11200		
Antimony	NA	NA	NA	0.62 J	0.32 J	-	0.47 J	-	1.4	6.2	0.19 J	-	3.9 J	4.8 J	0.25 J	0.21 J	0.27 J	0.24 J	0.19 J		
Arsenic	16	16	13	11.8	8	-	7	-	10.2	31.4	6.1	-	12.5	14.7	4.6	4.3	6.5	6.8	4.4		
Barium	820	400	350	238	134	-	111	-	235	280	44.8	-	234	229	40.5 J+	41.8 J+	54.6 J+	41.5 J+	34.8 J+		
Beryllium	47	72	7.2	0.56	0.44	-	0.56	-	0.39	0.4 J	0.5	-	0.63	0.59	0.53	0.54	0.51	0.52	0.45		
Cadmium	7.5	4.3	2.5	0.5 J	0.46 J	-	0.23 J	-	1.8	0.86 J	0.13 J	-	1.3	1	ND (0.76)	0.1 J	0.1 J	0.09 J	0.092 J		
Calcium	NA	NA	NA	12500 J	9680 J	-	8230 J	-	9640 J	13500 J	1280 J	-	10500	9670	1090 J+	11600 J+	3700 J+	1420 J+	1370 J+		
Chromium	NA	NA	NA	36.7	27.3	-	28.4	-	17.1	30.7	17	-	24.2	22.8	15.5	15	14.8	15.9	14.6		
Cobalt	NA	NA	NA	9	9.8	-	11	-	7.1	11.6	9.8	-	11 J+	12.2 J+	10.3	9.4	10.4	10	9.1		
Copper	1720	270	50	86	475	-	46.3	-	86.5	192	29	-	85.4	72.6	20.4	23.3	25.1	26.4	22.9		
Iron	NA	NA	NA	21900	27400	-	25900	-	20800	62200	29500	-	32900	36200	26000	25200	25500	28000	26200		
Lead	450	400	63	684 J	366 J	-	335 J	-	1130 J	3540 J	15.1 J	-	720	596	12.5 J+	9.2 J+	12.1 J+	11.4 J+	10.7 J+		
Magnesium	NA	NA	NA	3090	4570	-	7260	-	5440	2640	5700	-	6110	5620	5460	6110	5430	5440	5330		
Manganese	2000	2000	1600	498 J	582 J	-	510 J	-	395 J	376 J	932 J	-	621	693	866	793	853	763	804		
Mercury	0.73	0.81	0.18	2 J+	0.91 J+	-	2.1 J+	-	1.4 J+	4.2 J+	0.06 J+	-	1.4	1.5	0.032	0.0096 J	0.013 J	0.016	0.019		
Nickel	130	310	30	19.2	21.7	-	23.3	-	20.3	27.6	25.8	-	25.2	26.3	24	23	23.9	24.5	23.2		
Potassium	NA	NA	NA	888 J+	1150 J+	-	1240 J+	-	807 J+	755 J+	839 J+	-	1310	1170	1060 J-	1140 J-	1130 J-	1340 J-	1080 J-		
Selenium	4	180	3.9	1.1 J	0.57 J	-	0.68 J	-	0.58 J	0.83 J	0.17 J	-	0.74 J	0.79 J	ND (0.96)	ND (0.98)	ND (1)	0.12 J	0.11 J		
Silver	8.3	180	2	0.31 J	0.28 J	-	0.29 J	-	0.28 J	0.66	ND (0.38)	-	0.3 J	0.31 J	ND (0.31)	ND (0.31)	ND (0.32)	ND (0.31)	ND (0.31)		
Sodium	NA	NA	NA	179	90.3 J	-	131	-	69.8 J	191	ND (95.3)	-	142	105	ND (76.5)	39.1 J	37.3 J	40.6 J	ND (78.4)		
Thallium	NA	NA	NA	0.16 J	0.1 J	-	0.11 J	-	0.12 J	0.1 J	0.058 J	-	0.12 J	0.12 J	0.099 J	0.066 J	0.066 J	0.069 J	0.053 J		
Vanadium	NA	NA	NA	21.5 J+	19.4 J+	-	21.2 J+	-	18 J+	18.7 J+	18.1 J+	-	24.2	25.6	19.2	17.5	17.5	18.1	15.5		
Zinc	2480	10000	109	338	216	-	161	-	397	619	63	-	385	334	54.6	61.2	65	66.2	61.3		
TCLP Inorganic Compounds (ug/L)																					
Lead	NA	NA	NA	98.9	85.9	-	146	-	534	1010	-	-	262	-	-	-	-	-	-		
PCBs (mg/kg)																					
Aroclor-1016 (PCB-1016)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1221 (PCB-1221)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1232 (PCB-1232)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1242 (PCB-1242)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1248 (PCB-1248)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1254 (PCB-1254)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1260 (PCB-1260)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1262 (PCB-1262)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Aroclor-1268 (PCB-1268)	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
Pesticides (mg/kg)																					
4,4'-DDD	14	13	0.0033	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
4,4'-DDE	17	8.9	0.0033	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
4,4'-DDT	136	7.9	0.0033	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Aldrin	0.19	0.097	0.005	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
alpha-BHC	0.02	0.48	0.02	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	-	ND (0.002)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)		
alpha-Chlordane (cis)	2.9	4.2	0.094	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
beta-BHC	0.09	0.36	0.036	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	-	ND (0.002)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)		
Chlordane	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.068)	ND (0.069)		
delta-BHC	0.25	100	0.04	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	-	ND (0.002)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)		
Dieldrin	0.1	0.2	0.005	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	-	ND (0.002)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)		
Endosulfan I	102	24	2.4	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Endosulfan II	102	24	2.4	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Endosulfan sulfate	1000	24	2.4	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Endrin	0.06	11	0.014	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Endrin aldehyde	NA	NA	NA	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Endrin ketone	NA	NA	NA	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
gamma-BHC (Lindane)	0.1	1.3	0.1	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	-	ND (0.002)	ND (0.0021)	ND (0.0021)	-	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.002)	ND (0.0021)		
Heptachlor	0.38	2.1	0.042	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Heptachlor epoxide	NA	NA	NA	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Methoxychlor	NA	NA	NA	ND (0.0072)	ND (0.0072)	-	ND (0.0069)	-	ND (0.0068)	ND (0.0071)	ND (0.007)	-	ND (0.0071)	ND (0.007)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0068)	ND (0.0069)		
Toxaphene	NA	NA	NA	ND (0.072)	ND (0.072)	-	ND (0.069)	-	ND (0.068)	ND (0.071)	ND (0.07)	-	ND (0.071)	ND (0.07)	ND (0.068)	ND (0.068)					

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level				SB-06	SB-06	SB-06	SB-06	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-07	SB-08	SB-08	SB-08	SB-08	SB-08
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-06 SB-06_2"-2' 08/29/2024 460-310411-14 460-310412-14 0.167 - 2 (ft)	SB-06 SB-06_6'-8' 08/29/2024	SB-06 SB-06_6-8' 08/29/2024	SB-06 SB-06_8'-10' 08/29/2024	SB-06 SB-06_8-10' 08/29/2024	SB-07 SB-07_0-2" 08/29/2024 460-310411-1 460-310412-1 0 - 0.167 (ft)	SB-07 SB-07_2"-2' 08/29/2024 460-310411-2 460-310412-2 0.167 - 2 (ft)	SB-07 SB-07_8'-10' 08/29/2024	SB-07 SB-07_8-10' 08/29/2024	SB-07 SB-07-6-8' 08/30/2024 460-310486-1 460-310553-1 6 - 8 (ft)	DUP-02-20240830 08/30/2024 460-310486-2 460-310553-2 6 - 8 (ft)	SB-07 SB-08_0-2" 08/28/2024 460-310345-1 460-310346-1 0 - 0.167 (ft)	SB-08 SB-08_2"-2' 08/28/2024 460-310345-2 460-310346-2 0.167 - 2 (ft)	SB-08 SB-08_3-5' 08/28/2024 460-310345-3 460-310346-3 3 - 5 (ft)	SB-08 SB-08_9-11' 08/28/2024 460-310345-4 460-310346-4 9 - 11 (ft)	SB-08 SB-08_11-13' 08/28/2024 460-310345-5 460-310346-5 11 - 13 (ft)	
PFAS (mg/kg)																				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	ND (0.00075)	-	ND (0.00071)	-	ND (0.00075)	ND (0.0007)	ND (0.0007)	-	ND (0.00072)	ND (0.00072)	ND (0.0007)	ND (0.00077)	ND (0.00069)	ND (0.00075)	ND (0.00073)	ND (0.00072)	ND (0.00072)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	ND (0.0047) J	-	ND (0.0044) J	-	ND (0.0047) J	ND (0.0044) J	ND (0.0044) J	-	ND (0.0045) J	ND (0.0045)	ND (0.00438)	ND (0.0048)	ND (0.0043)	ND (0.0047)	ND (0.0045)	ND (0.0045)	ND (0.0045)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	ND (0.0047)	-	ND (0.0044)	-	ND (0.0047)	ND (0.0044)	ND (0.0044)	-	ND (0.0045)	ND (0.0045)	ND (0.00438)	ND (0.0048)	ND (0.0043)	ND (0.0047)	ND (0.0045)	ND (0.0045)	ND (0.0045)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	ND (0.00094)	-	ND (0.00088)	-	ND (0.00093)	ND (0.00088)	ND (0.00088)	-	ND (0.0009)	ND (0.0009)	ND (0.00088)	ND (0.00096)	ND (0.00086)	ND (0.00094)	ND (0.00091)	ND (0.0009)	ND (0.0009)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	ND (0.00075)	-	ND (0.00071)	-	ND (0.00075)	ND (0.0007)	ND (0.0007)	-	ND (0.00072)	ND (0.00072)	ND (0.0007)	ND (0.00077)	ND (0.00069)	ND (0.00075)	ND (0.00073)	ND (0.00072)	ND (0.00072)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	ND (0.00075) J	-	ND (0.00071) J	-	ND (0.00075) J	ND (0.0007) J	ND (0.0007) J	-	ND (0.00072) J	ND (0.00072)	ND (0.0007) J	ND (0.00077)	ND (0.00069) J	ND (0.00075) J	ND (0.00073) J	ND (0.00072) J	ND (0.00072) J
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	ND (0.00075) J	-	ND (0.00071) J	-	ND (0.00075) J	ND (0.0007) J	ND (0.0007) J	-	ND (0.00072) J	ND (0.00072)	ND (0.0007) J	ND (0.00077)	ND (0.00069) J	ND (0.00075) J	ND (0.00073) J	ND (0.00072) J	ND (0.00072) J
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	ND (0.00075) J	-	ND (0.00071) J	-	ND (0.00075) J	ND (0.0007) J	ND (0.0007) J	-	ND (0.00072) J	ND (0.00072)	ND (0.0007) J	ND (0.00077) J	ND (0.00069) J	ND (0.00075) J	ND (0.00073) J	ND (0.00072) J	ND (0.00072) J
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	ND (0.00075)	-	ND (0.00071)	-	ND (0.00075)	ND (0.0007)	ND (0.0007)	-	ND (0.00072)	ND (0.00072)	ND (0.0007)	ND (0.00077)	ND (0.00069)	ND (0.00075)	ND (0.00073)	ND (0.00072)	ND (0.00072)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00018 R	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	ND (0.0019)	-	ND (0.0018)	-	ND (0.0019)	ND (0.0018)	ND (0.0018)	-	ND (0.0018)	0.0018 R	ND (0.00175)	ND (0.0019)	ND (0.0017)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0018)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018) J	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	ND (0.0019)	-	ND (0.0018)	-	ND (0.0019)	ND (0.0018)	ND (0.0018)	-	ND (0.0018)	0.0018 R	ND (0.00175)	ND (0.0019)	ND (0.0017)	ND (0.0019)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	ND (0.00037)	-	ND (0.00035)	-	ND (0.00037)	ND (0.00035)	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00035)	ND (0.00038)	ND (0.00034)	ND (0.00038)	ND (0.00036)	ND (0.00036)	ND (0.00036)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	ND (0.00037)	-	ND (0.00035)	-	ND (0.00037)	ND (0.00035)	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00035)	ND (0.00038)	ND (0.00034)	ND (0.00038)	ND (0.00036)	ND (0.00036)	ND (0.00036)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	ND (0.00037)	-	ND (0.00035)	-	ND (0.00037)	ND (0.00035)	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00035)	ND (0.00038)	ND (0.00034)	ND (0.00038)	ND (0.00036)	ND (0.00036)	ND (0.00036)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	ND (0.00075)	-	ND (0.00071)	-	ND (0.00075)	ND (0.0007)	ND (0.0007)	-	ND (0.00072)	ND (0.00072)	ND (0.0007)	ND (0.00077)	ND (0.00069)	ND (0.00075)	ND (0.00073)	ND (0.00072)	ND (0.00072)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	ND (0.00037)	-	ND (0.00035)	-	ND (0.00037)	ND (0.00035)	ND (0.00035)	-	ND (0.00036)	ND (0.00036)	ND (0.00035)	ND (0.00038)	ND (0.00034)	ND (0.00038)	ND (0.00036)	ND (0.00036)	ND (0.00036)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.000073 J	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorobutanoic acid (PFBA)	NA	NA	NA	ND (0.00075)	-	ND (0.00071)	-	ND (0.00075)	ND (0.0007)	ND (0.0007)	-	ND (0.00072)	ND (0.00072)	ND (0.0007)	ND (0.00077)	ND (0.00069)	ND (0.00075)	ND (0.00073)	ND (0.00072)	ND (0.00072)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00018 R	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorodecanoic acid (PFDA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.000061 J	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018) J	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00018 R	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00012 J	0.0001 J	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018) J	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	ND (0.00019)	-	0.0002	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00017 J	0.00014 J	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorononanoic acid (PFNA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	0.00013 R	0.00013 J	ND (0.00019) J	ND (0.00017) J	ND (0.00019) J	ND (0.00018) J	ND (0.00018) J	ND (0.00018) J
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	0.0036	-	0.0018	-	0.00081	0.0015	0.00065	-	0.00021	0.00166 R	0.00157	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	0.0013	-	0.00053	-	0.00031	0.00041	0.0004	-	ND (0.00018)	0.00089 J	0.0007 J+	0.00026 J	ND (0.00017) J	ND (0.00019) J	ND (0.00018) J	ND (0.00018) J	ND (0.00018) J
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	ND (0.00019)	-	ND (0.00018)	-	ND (0.00019)	ND (0.00018)	ND (0.00018)	-	ND (0.00018)	ND (0.00018)	ND (0.00018)	ND (0.00019)	ND (0.00017)	ND (0.00019)	ND (0.00018)	ND (0.00018)	ND (0.00018)
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	ND (																

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

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

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	TP-01 TP-01_10 08/27/2024	TP-02 TP-02_10 08/27/2024
				460-310250-1 10 - 10.5 (ft)	460-310250-2 10 - 10.5 (ft)
Volatile Organic Compounds (mg/kg)					
1,1,1-Trichloroethane	0.68	100	0.68	-	-
1,1,2,2-Tetrachloroethane	NA	NA	NA	-	-
1,1,2-Trichloroethane	NA	NA	NA	-	-
1,1-Dichloroethane	0.27	26	0.27	-	-
1,1-Dichloroethene	0.33	100	0.33	-	-
1,2,3-Trichlorobenzene	NA	NA	NA	-	-
1,2,4-Trichlorobenzene	NA	NA	NA	-	-
1,2,4-Trimethylbenzene	3.6	52	3.6	ND (0.00081)	ND (0.00086)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	-	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	-	-
1,2-Dichlorobenzene	1.1	100	1.1	-	-
1,2-Dichloroethane	0.02	3.1	0.02	-	-
1,2-Dichloropropane	NA	NA	NA	-	-
1,3,5-Trimethylbenzene	8.4	52	8.4	ND (0.00081)	ND (0.00086)
1,3-Dichlorobenzene	2.4	49	2.4	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-
1,4-Dioxane	0.1	13	0.1	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	-	-
2-Phenylbutane (sec-Butylbenzene)	11	100	11	ND (0.00081)	ND (0.00086)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	-	-
Acetone	0.05	100	0.05	-	-
Benzene	0.06	4.8	0.06	ND (0.00081)	ND (0.00086)
Bromodichloromethane	NA	NA	NA	-	-
Bromoform	NA	NA	NA	-	-
Bromomethane (Methyl Bromide)	NA	NA	NA	-	-
Carbon disulfide	NA	NA	NA	-	-
Carbon tetrachloride	0.76	2.4	0.76	-	-
Chlorobenzene	1.1	100	1.1	-	-
Chlorobromomethane	NA	NA	NA	-	-
Chloroethane	NA	NA	NA	-	-
Chloroform (Trichloromethane)	0.37	49	0.37	-	-
Chloromethane (Methyl Chloride)	NA	NA	NA	-	-
cis-1,2-Dichloroethene	0.25	100	0.25	-	-
cis-1,3-Dichloropropene	NA	NA	NA	-	-
Cyclohexane	NA	NA	NA	-	-
Cymene (p-Isopropyltoluene)	NA	NA	NA	ND (0.00081)	ND (0.00086)
Dibromochloromethane	NA	NA	NA	-	-
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	-	-
Ethylbenzene	1	41	1	ND (0.00081)	ND (0.00086)
Isopropylbenzene (Cumene)	NA	NA	NA	ND (0.00081)	ND (0.00086)
m,p-Xylenes	NA	NA	NA	-	-
Methyl acetate	NA	NA	NA	-	-
Methyl Tert Butyl Ether (MTBE)	0.93	100	0.93	ND (0.00081)	ND (0.00086)
Methylcyclohexane	NA	NA	NA	-	-
Methylene chloride (Dichloromethane)	0.05	100	0.05	-	-
Naphthalene	12	100	12	ND (0.0012)	ND (0.0013)
n-Butylbenzene	12	100	12	ND (0.00081)	ND (0.00086)
n-Propylbenzene	3.9	100	3.9	ND (0.00081)	ND (0.00086)
o-Xylene	NA	NA	NA	-	-
Styrene	NA	NA	NA	-	-
tert-Butylbenzene	5.9	100	5.9	ND (0.00081)	ND (0.00086)
Tetrachloroethene	1.3	19	1.3	-	-
Toluene	0.7	100	0.7	ND (0.00081)	ND (0.00086)
trans-1,2-Dichloroethene	0.19	100	0.19	-	-
trans-1,3-Dichloropropene	NA	NA	NA	-	-
Trichloroethene	0.47	21	0.47	-	-
Trichlorofluoromethane (CFC-11)	NA	NA	NA	-	-
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	-	-
Vinyl chloride	0.02	0.9	0.02	-	-
Xylene (Total)	1.6	100	0.26	ND (0.0016)	ND (0.0017)

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			TP-01	TP-02
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	TP-01_10 08/27/2024	TP-02_10 08/27/2024
				460-310250-1 10 - 10.5 (ft)	460-310250-2 10 - 10.5 (ft)
Semi-Volatile Organic Compounds (mg/kg)					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	-	-
1,4-Dioxane	0.1	13	0.1	-	-
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	-	-
2,3,4,6-Tetrachlorophenol	NA	NA	NA	-	-
2,4,5-Trichlorophenol	NA	NA	NA	-	-
2,4,6-Trichlorophenol	NA	NA	NA	-	-
2,4-Dichlorophenol	NA	NA	NA	-	-
2,4-Dimethylphenol	NA	NA	NA	-	-
2,4-Dinitrophenol	NA	NA	NA	-	-
2,4-Dinitrotoluene	NA	NA	NA	-	-
2,6-Dinitrotoluene	NA	NA	NA	-	-
2-Chloronaphthalene	NA	NA	NA	-	-
2-Chlorophenol	NA	NA	NA	-	-
2-Methylnaphthalene	NA	NA	NA	-	-
2-Methylphenol (o-Cresol)	0.33	100	0.33	-	-
2-Nitroaniline	NA	NA	NA	-	-
2-Nitrophenol	NA	NA	NA	-	-
3&4-Methylphenol	NA	NA	NA	-	-
3,3'-Dichlorobenzidine	NA	NA	NA	-	-
3-Nitroaniline	NA	NA	NA	-	-
4,6-Dinitro-2-methylphenol	NA	NA	NA	-	-
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	-	-
4-Chloro-3-methylphenol	NA	NA	NA	-	-
4-Chloroaniline	NA	NA	NA	-	-
4-Chlorophenyl phenyl ether	NA	NA	NA	-	-
4-Methylphenol	0.33	100	0.33	-	-
4-Nitroaniline	NA	NA	NA	-	-
4-Nitrophenol	NA	NA	NA	-	-
Acenaphthene	98	100	20	ND (0.37)	ND (0.36)
Acenaphthylene	107	100	100	ND (0.37)	ND (0.36)
Acetophenone	NA	NA	NA	-	-
Anthracene	1000	100	100	ND (0.37)	ND (0.36)
Atrazine	NA	NA	NA	-	-
Benzaldehyde	NA	NA	NA	-	-
Benzo(a)anthracene	1	1	1	ND (0.037)	ND (0.036)
Benzo(a)pyrene	22	1	1	ND (0.037)	ND (0.036)
Benzo(b)fluoranthene	1.7	1	1	ND (0.037)	ND (0.036)
Benzo(g,h,i)perylene	1000	100	100	ND (0.37)	ND (0.36)
Benzo(k)fluoranthene	1.7	3.9	0.8	ND (0.037)	ND (0.036)
Biphenyl	NA	NA	NA	-	-
bis(2-Chloroethoxy)methane	NA	NA	NA	-	-
bis(2-Chloroethyl)ether	NA	NA	NA	-	-
bis(2-Ethylhexyl)phthalate	NA	NA	NA	-	-
Butyl benzylphthalate (BBP)	NA	NA	NA	-	-
Caprolactam	NA	NA	NA	-	-
Carbazole	NA	NA	NA	-	-
Chrysene	1	3.9	1	ND (0.37)	ND (0.36)
Dibenz[a,h]anthracene	1000	0.33	0.33	ND (0.037)	ND (0.036)
Dibenzofuran	210	59	7	-	-
Diethyl phthalate	NA	NA	NA	-	-
Dimethyl phthalate	NA	NA	NA	-	-
Di-n-butylphthalate (DBP)	NA	NA	NA	-	-
Di-n-octyl phthalate (DnOP)	NA	NA	NA	-	-
Fluoranthene	1000	100	100	ND (0.37)	ND (0.36)
Fluorene	386	100	30	ND (0.37)	ND (0.36)
Hexachlorobenzene	3.2	1.2	0.33	-	-
Hexachlorobutadiene	NA	NA	NA	-	-
Hexachlorocyclopentadiene	NA	NA	NA	-	-
Hexachloroethane	NA	NA	NA	-	-
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	ND (0.037)	ND (0.036)
Isophorone	NA	NA	NA	-	-
Naphthalene	12	100	12	ND (0.37)	ND (0.36)
Nitrobenzene	NA	NA	NA	-	-
N-Nitrosodi-n-propylamine	NA	NA	NA	-	-
N-Nitrosodiphenylamine	NA	NA	NA	-	-
Pentachlorophenol	0.8	6.7	0.8	-	-
Phenanthrene	1000	100	100	ND (0.37)	ND (0.36)
Phenol	0.33	100	0.33	-	-
Pyrene	1000	100	100	ND (0.37)	ND (0.36)

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level			TP-01 TP-01_10 08/27/2024	TP-02 TP-02_10 08/27/2024
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	460-310250-1 10 - 10.5 (ft)	460-310250-2 10 - 10.5 (ft)
Inorganic Compounds (mg/kg)					
Aluminum	NA	NA	NA	-	-
Antimony	NA	NA	NA	-	-
Arsenic	16	16	13	-	-
Barium	820	400	350	-	-
Beryllium	47	72	7.2	-	-
Cadmium	7.5	4.3	2.5	-	-
Calcium	NA	NA	NA	-	-
Chromium	NA	NA	NA	-	-
Cobalt	NA	NA	NA	-	-
Copper	1720	270	50	-	-
Iron	NA	NA	NA	-	-
Lead	450	400	63	15.4	13.2
Magnesium	NA	NA	NA	-	-
Manganese	2000	2000	1600	-	-
Mercury	0.73	0.81	0.18	-	-
Nickel	130	310	30	-	-
Potassium	NA	NA	NA	-	-
Selenium	4	180	3.9	-	-
Silver	8.3	180	2	-	-
Sodium	NA	NA	NA	-	-
Thallium	NA	NA	NA	-	-
Vanadium	NA	NA	NA	-	-
Zinc	2480	10000	109	-	-
TCLP Inorganic Compounds (ug/L)					
Lead	NA	NA	NA	-	-
PCBs (mg/kg)					
Aroclor-1016 (PCB-1016)	NA	NA	NA	-	-
Aroclor-1221 (PCB-1221)	NA	NA	NA	-	-
Aroclor-1232 (PCB-1232)	NA	NA	NA	-	-
Aroclor-1242 (PCB-1242)	NA	NA	NA	-	-
Aroclor-1248 (PCB-1248)	NA	NA	NA	-	-
Aroclor-1254 (PCB-1254)	NA	NA	NA	-	-
Aroclor-1260 (PCB-1260)	NA	NA	NA	-	-
Aroclor-1262 (PCB-1262)	NA	NA	NA	-	-
Aroclor-1268 (PCB-1268)	NA	NA	NA	-	-
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	-	-
Pesticides (mg/kg)					
4,4'-DDD	14	13	0.0033	-	-
4,4'-DDE	17	8.9	0.0033	-	-
4,4'-DDT	136	7.9	0.0033	-	-
Aldrin	0.19	0.097	0.005	-	-
alpha-BHC	0.02	0.48	0.02	-	-
alpha-Chlordane (cis)	2.9	4.2	0.094	-	-
beta-BHC	0.09	0.36	0.036	-	-
Chlordane	NA	NA	NA	-	-
delta-BHC	0.25	100	0.04	-	-
Dieldrin	0.1	0.2	0.005	-	-
Endosulfan I	102	24	2.4	-	-
Endosulfan II	102	24	2.4	-	-
Endosulfan sulfate	1000	24	2.4	-	-
Endrin	0.06	11	0.014	-	-
Endrin aldehyde	NA	NA	NA	-	-
Endrin ketone	NA	NA	NA	-	-
gamma-BHC (Lindane)	0.1	1.3	0.1	-	-
Heptachlor	0.38	2.1	0.042	-	-
Heptachlor epoxide	NA	NA	NA	-	-
Methoxychlor	NA	NA	NA	-	-
Toxaphene	NA	NA	NA	-	-

TABLE 3
SUMMARY OF SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Action Level				
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	TP-01 TP-01_10 08/27/2024	TP-02 TP-02_10 08/27/2024
				460-310250-1 10 - 10.5 (ft)	460-310250-2 10 - 10.5 (ft)
PFAS (mg/kg)					
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	-	-
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	-	-
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	-	-
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	-	-
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	-	-
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	-	-
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	NA	NA	-	-
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	-	-
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	-	-
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	-	-
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	-	-
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	-	-
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	-	-
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	-	-
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	-	-
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	-	-
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	-	-
Perfluorobutanoic acid (PFBA)	NA	NA	NA	-	-
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	-	-
Perfluorodecanoic acid (PFDA)	NA	NA	NA	-	-
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	-	-
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	-	-
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	-	-
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	-	-
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	-	-
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	-	-
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	-	-
Perfluorononanoic acid (PFNA)	NA	NA	NA	-	-
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	-	-
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	-	-
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	-	-
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	-	-
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	-	-
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	-	-
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	-	-
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	-	-
US EPA PFAS (PFOS + PFOA)	NA	NA	NA	-	-

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

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

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3A
SUMMARY OF SUPPLEMENTAL SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria									
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03	SB-03	SB-06	SB-06	SB-06	SB-09	SB-09
				SB-03_13-15 07/16/2025	SB-03_15-17 07/16/2025	SB-06_13-15 07/16/2025	DUP-01_20250716 07/16/2025	SB-06_15-17 07/16/2025	SB-09_13-15 07/15/2025	SB-09_15-17 07/15/2025
				460-330846-5 460-330847-4 13 - 15 (ft)	460-330846-6 460-330847-5 15 - 17 (ft)	460-330846-2 460-330847-1 13 - 15 (ft)	460-330846-4 460-330847-3 13 - 15 (ft)	460-330846-3 460-330847-2 15 - 17 (ft)	460-330742-2 460-330744-1 13 - 15 (ft)	460-330742-3 460-330744-2 15 - 17 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	NA	NA	NA	-	-	-	-	-	-	-
1,1,1-Trichloroethane	0.68	100	0.68	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,1,2-Trichloroethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,1-Dichloroethane	0.27	26	0.27	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,1-Dichloroethene	0.33	100	0.33	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,1-Dichloropropene	NA	NA	NA	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2,3-Trichloropropane	NA	NA	NA	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	NA	NA	NA	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2,4-Trimethylbenzene	3.6	52	3.6	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2-Dibromo-3-chloropropane (DBCP)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2-Dibromoethane (Ethylene Dibromide)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2-Dichlorobenzene	1.1	100	1.1	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2-Dichloroethane	0.02	3.1	0.02	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,2-Dichloroethene (total)	NA	NA	NA	-	-	-	-	-	-	-
1,2-Dichloropropane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,3,5-Trimethylbenzene	8.4	52	8.4	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,3-Dichlorobenzene	2.4	49	2.4	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,3-Dichloropropane	NA	NA	NA	-	-	-	-	-	-	-
1,3-Dichloropropene	NA	NA	NA	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
1,4-Diethylbenzene	NA	NA	NA	-	-	-	-	-	-	-
1,4-Dioxane	0.1	13	0.1	-	-	-	-	-	-	-
2,2-Dichloropropane	NA	NA	NA	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	0.12	100	0.12	ND (0.0042)	ND (0.0085)	ND (0.0043)	ND (0.0028)	ND (0.0044)	ND (0.0052)	ND (0.0047)
2-Chlorotoluene	NA	NA	NA	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	NA	NA	NA	ND (0.0042)	ND (0.0085)	ND (0.0043)	ND (0.0028)	ND (0.0044)	ND (0.0052)	ND (0.0047)
2-Phenylbutane (sec-Butylbenzene)	11	100	11	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
4-Chlorotoluene	NA	NA	NA	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	NA	NA	NA	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	NA	NA	ND (0.0042)	ND (0.0085)	ND (0.0043)	ND (0.0028)	ND (0.0044)	ND (0.0052)	ND (0.0047)
Acetone	0.05	100	0.05	ND (0.0051)	ND (0.01)	0.0059	ND (0.0034)	ND (0.0052)	ND (0.0062)	0.013
Acrylonitrile	NA	NA	NA	-	-	-	-	-	-	-
Benzene	0.06	4.8	0.06	0.0026	ND (0.0017)	ND (0.00085)	ND (0.00057)	0.002	0.00063 J	ND (0.00093)
Bromobenzene	NA	NA	NA	-	-	-	-	-	-	-
Bromodichloromethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Bromoform	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Bromomethane (Methyl Bromide)	NA	NA	NA	ND (0.0017)	ND (0.0034)	ND (0.0017)	ND (0.0011)	ND (0.0017)	ND (0.0021)	ND (0.0019)
Carbon disulfide	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	0.00069 J
Carbon tetrachloride	0.76	2.4	0.76	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Chlorobenzene	1.1	100	1.1	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Chlorobromomethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Chloroethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Chloroform (Trichloromethane)	0.37	49	0.37	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Chloromethane (Methyl Chloride)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
cis-1,2-Dichloroethene	0.25	100	0.25	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Cyclohexane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Cymene (p-Isopropyltoluene)	NA	NA	NA	-	-	-	-	-	-	-
Dibromochloromethane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Dibromomethane	NA	NA	NA	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Ethyl Ether	NA	NA	NA	-	-	-	-	-	-	-
Ethylbenzene	1	41	1	0.00058 J	ND (0.0017)	ND (0.00085)	ND (0.00057)	0.0007 J	0.0013	ND (0.00093)
Hexachlorobutadiene	NA	NA	NA	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
m,p-Xylenes	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	0.00039 J	0.00068 J	ND (0.00093)
Methyl acetate	NA	NA	NA	ND (0.0042)	ND (0.0085)	ND (0.0043)	ND (0.0028)	ND (0.0044)	ND (0.0052)	ND (0.0047)
Methyl Tert Butyl Ether (MTBE)	0.93	100	0.93	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Methylcyclohexane	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Methylene chloride (Dichloromethane)	0.05	100	0.05	ND (0.0017)	ND (0.0034)	ND (0.0017)	ND (0.0011)	ND (0.0017)	ND (0.0021)	ND (0.0019)
Naphthalene	12	100	12	-	-	-	-	-	-	-
n-Butylbenzene	12	100	12	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
n-Propylbenzene	3.9	100	3.9	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
o-Xylene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Styrene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
tert-Butylbenzene	5.9	100	5.9	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Tetrachloroethene	1.3	19	1.3	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Toluene	0.7	100	0.7	0.00027 J	ND (0.0017)	ND (0.00085)	ND (0.00057)	0.00035 J	ND (0.001)	ND (0.00093)
trans-1,2-Dichloroethene	0.19	100	0.19	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
trans-1,4-Dichloro-2-butene	NA	NA	NA	-	-	-	-	-	-	-
Trichloroethene	0.47	21	0.47	0.00054 J	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	0.00031 J
Trichlorofluoromethane (CFC-11)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Trifluorotrichloroethane (Freon 113)	NA	NA	NA	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Vinyl acetate	NA	NA	NA	-	-	-	-	-	-	-
Vinyl chloride	0.02	0.9	0.02	ND (0.00085)	ND (0.0017)	ND (0.00085)	ND (0.00057)	ND (0.00087)	ND (0.001)	ND (0.00093)
Xylene (Total)	1.6	100	0.26	0.00047 J	ND (0.0034)	ND (0.0017)	0.0003 J	0.0006 J	0.001 J	ND (0.0019)

TABLE 3A
SUMMARY OF SUPPLEMENTAL SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria									
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03 SB-03_13-15 07/16/2025	SB-03 SB-03_15-17 07/16/2025	SB-06 SB-06_13-15 07/16/2025	SB-06 DUP-01_20250716 07/16/2025	SB-06 SB-06_15-17 07/16/2025	SB-09 SB-09_13-15 07/15/2025	SB-09 SB-09_15-17 07/15/2025
				460-330846-5 460-330847-4 13 - 15 (ft)	460-330846-6 460-330847-5 15 - 17 (ft)	460-330846-2 460-330847-1 13 - 15 (ft)	460-330846-4 460-330847-3 13 - 15 (ft)	460-330846-3 460-330847-2 15 - 17 (ft)	460-330742-2 460-330744-1 13 - 15 (ft)	460-330742-3 460-330744-2 15 - 17 (ft)
Semi-Volatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
1,2,4-Trichlorobenzene	NA	NA	NA	-	-	-	-	-	-	-
1,2-Dichlorobenzene	1.1	100	1.1	-	-	-	-	-	-	-
1,3-Dichlorobenzene	2.4	49	2.4	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.8	13	1.8	-	-	-	-	-	-	-
1,4-Dioxane	0.1	13	0.1	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
2,2'-oxybis(1-Chloropropane)	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
2,4-Dichlorophenol	NA	NA	NA	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
2,4-Dimethylphenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2,4-Dinitrophenol	NA	NA	NA	ND (0.31)	ND (0.3)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
2,4-Dinitrotoluene	NA	NA	NA	ND (0.079)	ND (0.076)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
2,6-Dinitrotoluene	NA	NA	NA	ND (0.079)	ND (0.076)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
2-Chloronaphthalene	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2-Chlorophenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2-Methylnaphthalene	NA	NA	NA	ND (0.39) *	ND (0.37) *	ND (0.34) *	ND (0.34) *	ND (0.34) *	ND (0.34)	ND (0.33)
2-Methylphenol (o-Cresol)	0.33	100	0.33	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2-Nitroaniline	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
2-Nitrophenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
3&4-Methylphenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
3-Nitroaniline	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.31)	ND (0.3)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
4-Bromophenyl phenyl ether (BDE-3)	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Chloroaniline	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Methylphenol	0.33	100	0.33	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Nitroaniline	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
4-Nitrophenol	NA	NA	NA	ND (0.79)	ND (0.76)	ND (0.68)	ND (0.69)	ND (0.68)	ND (0.68)	ND (0.68)
Acenaphthene	98	100	20	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Acenaphthylene	107	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Acetophenone	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Anthracene	1000	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Atrazine	NA	NA	NA	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
Benzaldehyde	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Benzo(a)anthracene	1	1	1	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Benzo(a)pyrene	22	1	1	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Benzo(b)fluoranthene	1.7	1	1	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Benzo(g,h,i)perylene	1000	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Benzo(k)fluoranthene	1.7	3.9	0.8	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Benzoic acid	NA	NA	NA	-	-	-	-	-	-	-
Benzyl Alcohol	NA	NA	NA	-	-	-	-	-	-	-
Biphenyl	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
bis(2-Chloroethoxy)methane	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
bis(2-Chloroethyl)ether	NA	NA	NA	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Butyl benzylphthalate (BBP)	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Caprolactam	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Carbazole	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Chrysene	1	3.9	1	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Dibenz(a,h)anthracene	1000	0.33	0.33	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Dibenzofuran	210	59	7	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Diethyl phthalate	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Dimethyl phthalate	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Di-n-butylphthalate (DBP)	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Di-n-octyl phthalate (DnOP)	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Fluoranthene	1000	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Fluorene	386	100	30	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Hexachlorobenzene	3.2	1.2	0.33	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Hexachlorobutadiene	NA	NA	NA	ND (0.079)	ND (0.076)	ND (0.068)	ND (0.069)	ND (0.068)	ND (0.068)	ND (0.068)
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Hexachloroethane	NA	NA	NA	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Indeno(1,2,3-cd)pyrene	8.2	0.5	0.5	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
Isophorone	NA	NA	NA	ND (0.16)	ND (0.15)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)	ND (0.14)
Naphthalene	12	100	12	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Nitrobenzene	NA	NA	NA	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
N-Nitrosodi-n-propylamine	NA	NA	NA	ND (0.039)	ND (0.037)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.034)	ND (0.033)
N-Nitrosodiphenylamine	NA	NA	NA	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Pentachlorophenol	0.8	6.7	0.8	ND (0.31)	ND (0.3)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)	ND (0.27)
Phenanthrene	1000	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Phenol	0.33	100	0.33	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)
Pyrene	1000	100	100	ND (0.39)	ND (0.37)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.34)	ND (0.33)

TABLE 3A
SUMMARY OF SUPPLEMENTAL SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria									
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03	SB-03	SB-06	SB-06	SB-06	SB-09	SB-09
				SB-03_13-15 07/16/2025	SB-03_15-17 07/16/2025	SB-06_13-15 07/16/2025	DUP-01_20250716 07/16/2025	SB-06_15-17 07/16/2025	SB-09_13-15 07/15/2025	SB-09_15-17 07/15/2025
				460-330846-5 460-330847-4 13 - 15 (ft)	460-330846-6 460-330847-5 15 - 17 (ft)	460-330846-2 460-330847-1 13 - 15 (ft)	460-330846-4 460-330847-3 13 - 15 (ft)	460-330846-3 460-330847-2 15 - 17 (ft)	460-330742-2 460-330744-1 13 - 15 (ft)	460-330742-3 460-330744-2 15 - 17 (ft)
PFAS (mg/kg)										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	NA	NA	ND (0.00102)	ND (0.00128)	ND (0.00112)	ND (0.00107)	ND (0.00122)	ND (0.0012)	ND (0.0013)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	NA	NA	ND (0.00102)	ND (0.00128)	ND (0.00112)	ND (0.00107)	ND (0.00122)	ND (0.0012)	ND (0.0013)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	NA	NA	ND (0.00041)	ND (0.00051)	ND (0.00045)	ND (0.00043)	ND (0.00049)	ND (0.00047)	ND (0.00052)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	NA	NA	ND (0.00041)	ND (0.00051)	ND (0.00045)	ND (0.00043)	ND (0.00049)	ND (0.00047)	ND (0.00052)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	NA	NA	ND (0.00041)	ND (0.00051)	ND (0.00045)	ND (0.00043)	0.00013 J	ND (0.00047)	ND (0.00052)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	NA	NA	ND (0.00041)	ND (0.00051)	ND (0.00045)	ND (0.00043)	ND (0.00049)	ND (0.00047)	ND (0.00052)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	NA	NA	ND (0.00102)	ND (0.00128)	ND (0.00112)	ND (0.00107)	ND (0.00122)	ND (0.0012)	ND (0.0013)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	NA	NA	ND (0.00102)	ND (0.00128)	ND (0.00112)	ND (0.00107)	ND (0.00122)	ND (0.0012)	ND (0.0013)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorobutanesulfonic acid (PFBS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorobutanoic acid (PFBA)	NA	NA	NA	ND (0.00041)	ND (0.00051)	ND (0.00045)	ND (0.00043)	ND (0.00049)	ND (0.00047)	ND (0.00052)
Perfluorodecanesulfonic acid (PFDS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorodecanoic acid (PFDA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorododecane sulfonic acid (PFDoDS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorododecanoic acid (PFDoDA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoroheptanesulfonic acid (PFHpS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoroheptanoic acid (PFHpA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorohexanesulfonic acid (PFHxS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorohexanoic acid (PFHxA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorononane sulfonic acid (PFNS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorononanoic acid (PFNA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorooctane sulfonamide (PFOSA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorooctanesulfonic acid (PFOS)	0.001	0.044	0.00088	ND (0.0002)	0.00025 J	0.00033	0.00034	0.000071 J	0.00031	ND (0.00026)
Perfluorooctanoic acid (PFOA)	0.0008	0.033	0.00066	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoropentanesulfonic acid (PFPeS)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoropentanoic acid (PFPeA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorotetradecanoic acid (PFTeDA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluorotridecanoic acid (PFTrDA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
Perfluoroundecanoic acid (PFUnDA)	NA	NA	NA	ND (0.0002)	ND (0.00026)	ND (0.00022)	ND (0.00021)	ND (0.00024)	ND (0.00024)	ND (0.00026)
US EPA PFAS (PFOS + PFOA)	NA	NA	NA	ND (0.0002)	0.00025 J	0.00033	0.00034	ND (0.00024)	0.00031	ND (0.00026)
Pesticides (mg/kg)										
4,4'-DDD	14	13	0.0033	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
4,4'-DDE	17	8.9	0.0033	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
4,4'-DDT	136	7.9	0.0033	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Aldrin	0.19	0.097	0.005	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
alpha-BHC	0.02	0.48	0.02	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)
alpha-Chlordane (cis)	2.9	4.2	0.094	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
beta-BHC	0.09	0.36	0.036	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)
Chlordane	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
delta-BHC	0.25	100	0.04	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)
Dieldrin	0.1	0.2	0.005	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)
Endosulfan I	102	24	2.4	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Endosulfan II	102	24	2.4	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Endosulfan sulfate	1000	24	2.4	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Endrin	0.06	11	0.014	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Endrin aldehyde	NA	NA	NA	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Endrin ketone	NA	NA	NA	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
gamma-BHC (Lindane)	0.1	1.3	0.1	ND (0.0024)	ND (0.0023)	ND (0.002)	ND (0.0021)	ND (0.0021)	ND (0.002)	ND (0.002)
Heptachlor	0.38	2.1	0.042	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Heptachlor epoxide	NA	NA	NA	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Methoxychlor	NA	NA	NA	ND (0.008)	ND (0.0076)	ND (0.0068)	ND (0.007)	ND (0.0069)	ND (0.0068)	ND (0.0068)
Toxaphene	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Polychlorinated Biphenyls (mg/kg)										
Aroclor-1016 (PCB-1016)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1221 (PCB-1221)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1232 (PCB-1232)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1242 (PCB-1242)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1248 (PCB-1248)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1254 (PCB-1254)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1260 (PCB-1260)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1262 (PCB-1262)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Aroclor-1268 (PCB-1268)	NA	NA	NA	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)
Polychlorinated biphenyls (PCBs)	3.2	1	0.1	ND (0.08)	ND (0.076)	ND (0.068)	ND (0.07)	ND (0.069)	ND (0.068)	ND (0.068)

TABLE 3A
SUMMARY OF SUPPLEMENTAL SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria									
	Restricted Use Soil Cleanup Objectives - Protection of Groundwater	NY Part 375 Restricted Residential Use Soil Cleanup Objectives	NY Part 375 Unrestricted Use Soil Cleanup Objectives	SB-03 SB-03_13-15 07/16/2025	SB-03 SB-03_15-17 07/16/2025	SB-06 SB-06_13-15 07/16/2025	SB-06 DUP-01_20250716 07/16/2025	SB-06 SB-06_15-17 07/16/2025	SB-09 SB-09_13-15 07/15/2025	SB-09 SB-09_15-17 07/15/2025
				460-330846-5 460-330847-4 13 - 15 (ft)	460-330846-6 460-330847-5 15 - 17 (ft)	460-330846-2 460-330847-1 13 - 15 (ft)	460-330846-4 460-330847-3 13 - 15 (ft)	460-330846-3 460-330847-2 15 - 17 (ft)	460-330742-2 460-330744-1 13 - 15 (ft)	460-330742-3 460-330744-2 15 - 17 (ft)
Inorganic Compounds (mg/kg)										
Aluminum	NA	NA	NA	14100	11700	14900	14800	14600	12400	11300
Antimony	NA	NA	NA	0.37 J	0.27 J	0.3 J	0.3 J	0.19 J	0.73 J	0.22 J
Arsenic	16	16	13	6.8	5.8	6	6.4	4.8	6.8	4.5
Barium	820	400	350	63.3	39.9	45.2	38.6	37.2	46.1	40.8
Beryllium	47	72	7.2	0.59	0.48	0.59	0.62	0.34	0.65	0.43
Cadmium	7.5	4.3	2.5	0.15 J	0.11 J	0.096 J	0.092 J	ND (0.8)	0.31 J	0.11 J
Calcium	NA	NA	NA	2140	2480	1160	1090	896	3410	1500
Chromium	NA	NA	NA	19	16.8	17.2	17.2	16.1	20.1	15.4
Cobalt	NA	NA	NA	13.2	10	10.3	10.5	10.8	12.4	9.7
Copper	1720	270	50	33.9	28.3	27.6	28.1	16.9	33.9	27.5
Iron	NA	NA	NA	32900	27700	26300	27900	22300	27900	23100
Lead	450	400	63	14.7	10.6	13.3	14	11.6	17.6	11.8
Magnesium	NA	NA	NA	6620	5310	5870	5630	4890	5930	5560
Manganese	2000	2000	1600	1260	809	556	468	563	972	692
Mercury	0.73	0.81	0.18	0.017 J	0.017 J	0.044	0.039	0.011 J	0.038	0.025
Nickel	130	310	30	29.6	23.1	25.4	25.2	18.4	26.7	21.9
Potassium	NA	NA	NA	1300	1090	1280	1210	814	1360	1150
Selenium	4	180	3.9	0.26 J	0.17 J	0.13 J	0.12 J	0.19 J	0.16 J	0.14 J
Silver	8.3	180	2	ND (0.36)	ND (0.36)	ND (0.32)	ND (0.32)	ND (0.32)	0.067 J	ND (0.3)
Sodium	NA	NA	NA	68.9 J	61.4 J	43.5 J	40.2 J	60.4 J	68.7 J	48.6 J
Thallium	NA	NA	NA	0.096 J	0.066 J	0.084 J	0.082 J	0.089 J	0.12 J	0.052 J
Vanadium	NA	NA	NA	22.4	16.7	19.3	20	20	21.2	14.4
Zinc	2480	10000	109	90.2	75.1	61.7	64.9	46.6	103	58.1
TCLP Inorganic Compounds (ug/L)										
Lead	NA	NA	NA	-	-	-	-	-	-	-
Other										
Total Solids (%)	NA	NA	NA	-	-	-	-	-	-	-

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

*: LCS or LCSD is outside acceptance limits.
-: Not Analyzed
B: Compound was found in the blank and the associated sample.
bgs: below ground surface
ft: feet
I: The lower value for the two columns has been reported due to obvious interference.
J-: Value is estimated, low bias.
J: Value is estimated.
J+: Value is estimated, high bias.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit
R: Rejected

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

TABLE 3B
SUMMARY OF LEAD DELINEATION SOIL QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID Sample Depth (bgs)	Criteria				DB-01B	DB-01B	DB-01B	DB-01B-N	DB-01B-N	DB-01B-N	DB-01B-N1	DB-01B-S	DB-01B-S	DB-01B-S	DB-01B-S1	DB-01B-S1	DB-01B-S1	DB-01B-W	DB-01B-W	DB-01B-W	DB-01B-W1	DB-01B-W1	DB-01B-W1
	Restricted Use	NY Part 375	NY Part 375	TCLP	DB-01B_2-4	DB-01B_4-6	DB-01B_13-15	DB-01B-N_2-4	DB-01B-N_4-6	DB-01B-N_18-20	DB-01B-N1_4-6	DB-01B-S_2-4	DB-01B-S_8-10	DB-01B-S_13-15	DB-01B-S1_2-4	DB-01B-S1_5-7	DB-01B-S1_13-15	DB-01B-W_2-4	DB-01B-W_4-6	DB-01B-W_13-15	DB-01B-W1_2-4	DB-01B-W1_4-6	DB-01B-W1_13-15
	Soil Cleanup	Restricted	Unrestricted		07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025	07/17/2025
	Objectives -	Residential Use	Use		460-330968-1	460-330968-5	460-330968-6	460-330968-2	460-330968-7	460-330968-8	460-330968-9	460-330968-3	460-330968-12	460-330968-14	460-330968-15	460-330968-16	460-330968-17	460-330968-4	460-330968-18	460-330968-19	460-330968-20	460-330968-21	460-330968-22
	Protection of	Soil Cleanup	Soil Cleanup		2 - 4 (ft)	4 - 6 (ft)	13 - 15 (ft)	2 - 4 (ft)	4 - 6 (ft)	18 - 20 (ft)	4 - 6 (ft)	2 - 4 (ft)	8 - 10 (ft)	13 - 15 (ft)	2 - 4 (ft)	5 - 7 (ft)	13 - 15 (ft)	2 - 4 (ft)	4 - 6 (ft)	13 - 15 (ft)	2 - 4 (ft)	4 - 6 (ft)	13 - 15 (ft)
Inorganic Compounds (mg/kg)																							
Lead	450	400	63	NA	521	17.1	15.8	599	23.7	11.9	10.4	133	11.8	12.4	637	48.5	15.6	71.7	12.6	9.7	77.3	12.1	12.1
TCLP Inorganic Compounds (mg/L)																							
Lead	NA	NA	NA	5	0.173	-	-	0.151	-	-	-	0.0452	-	-	0.763	-	-	0.0445	-	-	0.0879	-	-

ABBREVIATIONS AND NOTES:
mg/kg: milligram per kilogram
ug/L: microgram per liter

bgs: below ground surface
ft: feet
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.
- Red bold indicates an exceedance of the TCLP Criteria.

TABLE 4
SUMMARY OF GROUNDWATER QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	Action Level						
	New York TOGS	MW-01	MW-02	MW-03	MW-04	OW-01	OW-01
	111 Ambient	MW-01_20240906	MW-02_20240906	MW-03_20240906	MW-04_20240906	DUP-01_20240905	OW-01_20240905
	Water Quality Standards	09/06/2024 460-310914-1 460-310915-1	09/06/2024 460-310914-3 460-310915-4	09/06/2024 460-310914-2 460-310915-2	09/06/2024 460-310914-4 460-310915-5	09/05/2024 460-310906-2 460-310916-2	09/05/2024 460-310906-1 460-310916-1
Volatile Organic Compounds (ug/L)							
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1,2-Trichloroethane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,2-Dichloropropane	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	66	ND (5)	4.4 J	ND (5)	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	0.43 J	ND (1)	ND (1)	ND (1)	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (5)	61	ND (5)	7.9	ND (5)	ND (5)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)	1.1	0.4 J
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1) J
cis-1,3-Dichloropropene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dibromochloromethane	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Tetrachloroethene	5	0.93 J	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trichloroethene	5	0.74 J	ND (1)	0.39 J	ND (1)	ND (1)	ND (1)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)

TABLE 4
SUMMARY OF GROUNDWATER QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	Action Level	MW-01	MW-02	MW-03	MW-04	OW-01	OW-01
	New York TOGS	MW-01_20240906	MW-02_20240906	MW-03_20240906	MW-04_20240906	DUP-01_20240905	OW-01_20240905
	111 Ambient	09/06/2024	09/06/2024	09/06/2024	09/06/2024	09/05/2024	09/05/2024
	Water Quality Standards	460-310914-1	460-310914-3	460-310914-2	460-310914-4	460-310906-2	460-310906-1
		460-310915-1	460-310915-4	460-310915-2	460-310915-5	460-310916-2	460-310916-1
Semi-Volatile Organic Compounds (ug/L)							
1,2,4,5-Tetrachlorobenzene	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
1,4-Dioxane	0.35	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,2'-oxybis(1-Chloropropane)	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,3,4,6-Tetrachlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,5-Trichlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,6-Trichlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	10	ND (40)	ND (40)	ND (40)	ND (40)	ND (40)	ND (40)
2,4-Dinitrotoluene	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	5	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)
2-Chloronaphthalene	10	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	NA	ND (10) J	1.2 J-	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol (o-Cresol)	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitroaniline	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
2-Nitrophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
3&4-Methylphenol	NA	ND (10)	1 J	ND (10)	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
3-Nitroaniline	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	NA	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
4-Chloroaniline	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10) J
4-Chlorophenyl phenyl ether	NA	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
4-Methylphenol	NA	ND (10)	1.1 J	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitroaniline	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
4-Nitrophenol	NA	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Acenaphthene	20	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Acenaphthylene	NA	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Acetophenone	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Anthracene	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Atrazine	7.5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Benzaldehyde	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(a)anthracene	0.002	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)
Benzo(a)pyrene	0	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)
Benzo(b)fluoranthene	0.002	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)
Benzo(g,h,i)perylene	NA	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Benzo(k)fluoranthene	0.002	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)
Biphenyl	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethoxy)methane	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
bis(2-Chloroethyl)ether	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
bis(2-Ethylhexyl)phthalate	5	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)
Butyl benzylphthalate (BBP)	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Caprolactam	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Carbazole	NA	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Chrysene	0.002	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)
Dibenz(a,h)anthracene	NA	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)
Dibenzofuran	NA	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Diethyl phthalate	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Dimethyl phthalate	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Fluoranthene	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Fluorene	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	0.04	ND (1) J	ND (1) J	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorobutadiene	0.5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Hexachlorocyclopentadiene	5	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Hexachloroethane	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Indeno(1,2,3-cd)pyrene	0.002	ND (2) J	ND (2) J	ND (2)	ND (2)	ND (2)	ND (2)
Isophorone	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Naphthalene	10	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Nitrobenzene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Nitrosodi-n-propylamine	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
N-Nitrosodiphenylamine	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)
Pentachlorophenol	1	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
Phenanthrene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Phenol	1	ND (10)	0.44 J	ND (10)	ND (10)	ND (10)	ND (10)
Pyrene	50	ND (10) J	ND (10) J	ND (10)	ND (10)	ND (10)	ND (10)

TABLE 4
SUMMARY OF GROUNDWATER QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	Action Level	MW-01	MW-02	MW-03	MW-04	OW-01	OW-01
	New York TOGS	MW-01_20240906	MW-02_20240906	MW-03_20240906	MW-04_20240906	DUP-01_20240905	OW-01_20240905
	111 Ambient	09/06/2024	09/06/2024	09/06/2024	09/06/2024	09/05/2024	09/05/2024
	Water Quality Standards	460-310914-1	460-310914-3	460-310914-2	460-310914-4	460-310906-2	460-310906-1
		460-310915-1	460-310915-4	460-310915-2	460-310915-5	460-310916-2	460-310916-1
Inorganic Compounds (ug/L)							
Aluminum, Dissolved	NA	ND (40)	36.7 J	ND (40)	ND (40)	ND (40)	ND (40)
Antimony, Dissolved	3	ND (2)	1.2 J	ND (2)	ND (2)	0.78 J	ND (2)
Arsenic, Dissolved	25	ND (2)	3	ND (2)	2.5	2.7	1.7 J
Barium, Dissolved	1000	27.2	17.9	40	52.6	70.3	64.6
Beryllium, Dissolved	3	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)
Cadmium, Dissolved	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Calcium, Dissolved	NA	59500	50100	71200	96200	112000	104000
Chromium, Dissolved	50	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)
Cobalt, Dissolved	NA	0.75 J	0.96 J	1.9 J	ND (4)	ND (4)	ND (4)
Copper, Dissolved	200	ND (4)	8.7	ND (4)	ND (4)	ND (4)	ND (4)
Iron, Dissolved	300	ND (120)	ND (120)	ND (120)	ND (120)	436 J	ND (120) J
Lead, Dissolved	25	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
Magnesium, Dissolved	35000	16400	8140	19700	19100	25400	23100
Manganese, Dissolved	300	831	1350	3230	437	333	337
Mercury, Dissolved	0.7	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Nickel, Dissolved	100	0.95 J	3.5 J	0.98 J	0.97 J	ND (4)	ND (4)
Potassium, Dissolved	NA	3220	5400	7110	2010	1700	1470
Selenium, Dissolved	10	3.4	0.88 J	0.77 J	ND (2.5)	ND (2.5)	ND (2.5)
Silver, Dissolved	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Sodium, Dissolved	20000	102000	23400	26600	39300	28900	26400
Thallium, Dissolved	0.5	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)
Vanadium, Dissolved	NA	ND (4)	2.4 J	ND (4)	ND (4)	ND (4)	ND (4)
Zinc, Dissolved	2000	ND (16)	ND (16)	ND (16)	ND (16)	ND (16)	ND (16)
Aluminum, Total	NA	115	630	138	2320	31.6 J	174 J
Antimony, Total	3	ND (2)	1.3 J	ND (2)	ND (2)	ND (2)	ND (2)
Arsenic, Total	25	ND (2)	4.2	0.95 J	4.6	4.1	5.2
Barium, Total	1000	24.7	19.5	39.4	73.4	65	72.3
Beryllium, Total	3	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)
Cadmium, Total	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Calcium, Total	NA	56900	48200	71800	99200	109000	114000
Chromium, Total	50	ND (4)	ND (4)	ND (4)	5.1	ND (4)	ND (4)
Cobalt, Total	NA	0.87 J	1.4 J	2.1 J	1.9 J	ND (4)	ND (4)
Copper, Total	200	ND (4)	14.2	ND (4)	5.8	ND (4)	ND (4)
Iron, Total	300	201 J-	1120 J-	341 J-	4360 J-	1300 J-	2800 J-
Lead, Total	25	ND (1.2)	7.4	2	6.9	ND (1.2)	ND (1.2)
Magnesium, Total	35000	16000	7430	20400	20600	25000	26100
Manganese, Total	300	770	1250	3140	513	325	354
Mercury, Total	0.7	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Nickel, Total	100	1.4 J	5.8	1.9 J	4.6	ND (4)	ND (4)
Potassium, Total	NA	2950	5250	6940	2250	1540	1650
Selenium, Total	10	3.4	1 J	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Silver, Total	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Sodium, Total	20000	101000	23500	23400	41300	28800	29600
Thallium, Total	0.5	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)
Vanadium, Total	NA	ND (4)	4	ND (4)	2.4 J	ND (4)	ND (4)
Zinc, Total	2000	ND (16)	11.5 J	ND (16)	12 J	ND (16)	ND (16)
PCBs (ug/L)							
Aroclor-1016 (PCB-1016)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1221 (PCB-1221)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1232 (PCB-1232)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1242 (PCB-1242)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1248 (PCB-1248)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1254 (PCB-1254)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1260 (PCB-1260)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1262 (PCB-1262)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Aroclor-1268 (PCB-1268)	NA	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Polychlorinated biphenyls (PCBs)	0.09	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Pesticides (ug/L)							
4,4'-DDD	0.3	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Aldrin	0	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
alpha-BHC	0.01	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
alpha-Chlordane (cis)	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
beta-BHC	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Chlordane	0.05	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
delta-BHC	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Dieldrin	0.004	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan I	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan II	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endosulfan sulfate	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin	0	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin aldehyde	5	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Endrin ketone	5	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
gamma-BHC (Lindane)	0.05	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Heptachlor	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Heptachlor epoxide	0.03	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Methoxychlor	35	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)
Toxaphene	0.06	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)

TABLE 4
SUMMARY OF GROUNDWATER QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	Action Level						
	New York TOGS	MW-01	MW-02	MW-03	MW-04	OW-01	OW-01
	111 Ambient	MW-01_20240906	MW-02_20240906	MW-03_20240906	MW-04_20240906	DUP-01_20240905	OW-01_20240905
	Water Quality Standards	09/06/2024 460-310914-1 460-310915-1	09/06/2024 460-310914-3 460-310915-4	09/06/2024 460-310914-2 460-310915-2	09/06/2024 460-310914-4 460-310915-5	09/05/2024 460-310906-2 460-310916-2	09/05/2024 460-310906-1 460-310916-1
PFAS (ppt)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (40)	ND (48)	ND (46)	ND (51)	ND (48)	ND (44)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (40)	ND (48)	ND (46)	ND (51)	ND (48)	ND (44)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (8)	ND (9.6)	ND (9.2)	ND (10)	ND (9.6)	ND (8.8)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (16)	ND (19)	ND (18)	ND (20)	ND (19)	ND (18)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (1.6) J	ND (1.9) J	ND (1.8) J	ND (2) J	ND (1.9) J	ND (1.8) J
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (16)	ND (19)	ND (18)	ND (20)	ND (19)	ND (0.018)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (3.2) J	ND (3.8) J	ND (3.7) J	ND (4.1) J	ND (3.8) J	ND (3.5) J
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (3.2)	ND (3.8)	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.5)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (3.2)	ND (3.8)	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.5)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (6.4)	ND (7.7)	ND (7.4)	ND (8.1)	ND (7.7)	ND (7.1)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (3.2)	ND (3.8)	ND (3.7)	ND (4.1)	ND (3.8)	ND (3.5)
Perfluorobutanesulfonic acid (PFBS)	NA	7.5	4.	6.4	ND (2)	ND (1.9)	ND (1.8)
Perfluorobutanoic acid (PFBA)	NA	7.3	ND (7.7)	8.4	0.022	ND (7.7)	ND (7.1)
Perfluorodecanesulfonic acid (PFDS)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)	NA	3.	6.2	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoDA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluoroheptanesulfonic acid (PFHpS)	NA	ND (1.6)	4.2	3.1	ND (2)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)	NA	7.5	12.	6.5	ND (2)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)	NA	15.	13.	9.5	ND (2)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)	NA	9.	22.	4.1	ND (2)	ND (1.9)	ND (1.8)
Perfluorononane sulfonic acid (PFNS)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)	NA	2.6	12.	3.6	ND (2)	ND (1.9)	ND (1.8)
Perfluorooctane sulfonamide (PFOSA)	NA	ND (1.6)	8.4	12.	ND (2)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)	2.7	54	300	400	ND (2)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)	6.7	23	150	84	ND (2)	ND (1.9)	ND (1.8)
Perfluoropentanesulfonic acid (PFPeS)	NA	2	3.1	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluoropentanoic acid (PFPeA)	NA	9.5	ND (3.8)	ND (3.7)	5.5	ND (3.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnDA)	NA	ND (1.6)	ND (1.9)	ND (1.8)	ND (2)	ND (1.9)	ND (1.8)
Semi-Volatile Organic Compounds (SIM) (ug/L)							
1,4-Dioxane	0.35	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)

ABBREVIATIONS AND NOTES:
μg/L: micrograms per liter
ppt = parts per trillion

-: Not Analyzed
J: Value is estimated
J-: Value is estimated, low bias.
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- **Bold** values indicate an exceedance of the AWQS criteria.

Location Name Sample Name Sample Date Lab Sample ID	Criteria								
	New York TOGS 111 Ambient Water Quality Standards	MW-01 MW-01_20250723 07/23/2025	MW-01 DUP-01_20250723 07/23/2025	MW-02 MW-02_20250724 07/24/2025	MW-03 MW-03_20250723 07/23/2025	MW-04 MW-04_20250724 07/24/2025	MW-05 MW-05_20250724 07/24/2025	MW-06 MW-06_20250723 07/23/2025	OW-1 OW-1_20250724 07/24/2025
		460-331402-2	460-331402-4	460-331418-2	460-331402-3	460-331418-3	460-331418-4	460-331402-1	460-331418-1
Volatile Organic Compounds (ug/L)									
1,1,1-Trichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	5	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
1,1,2-Trichloroethane	1	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	ND (0.58)	-	ND (0.58)	ND (0.58)
1,1-Dichloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,1-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2,3-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2,4-Trichlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2,4-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,2-Dichloroethane	0.6	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)	-	ND (0.3)	ND (0.3)
1,2-Dichloropropane	1	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	-	ND (0.92)	ND (0.92)
1,3,5-Trimethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	0.37 J	ND (1)
1,3-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
1,4-Dichlorobenzene	3	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
2-Butanone (Methyl Ethyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	50	ND (5)
2-Hexanone (Methyl Butyl Ketone)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)
2-Phenylbutane (sec-Butylbenzene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	1.5	ND (1)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)
Acetone	50	ND (5)	ND (5)	9.6	ND (5)	ND (5)	-	15	ND (5)
Benzene	1	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	-	ND (0.45)	ND (0.45)
Bromodichloromethane	50	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	ND (0.98)	-	ND (0.98)	ND (0.98)
Bromoform	50	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Bromomethane (Methyl Bromide)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Carbon disulfide	60	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Carbon tetrachloride	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Chlorobenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Chlorobromomethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Chloroethane	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Chloroform (Trichloromethane)	7	1	0.95 J	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Chloromethane (Methyl Chloride)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
cis-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
cis-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	-	ND (0.45)	ND (0.45)
Cyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Dibromochloromethane	50	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)	-	ND (0.78)	ND (0.78)
Dichlorodifluoromethane (CFC-12)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Ethylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Isopropylbenzene (Cumene)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
m,p-Xylenes	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Methyl acetate	NA	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)
Methyl Tert Butyl Ether (MTBE)	10	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Methylcyclohexane	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Methylene chloride (Dichloromethane)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
n-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	0.71 J	ND (1)
n-Propylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
o-Xylene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Styrene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
tert-Butylbenzene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Tetrachloroethene	5	0.9	0.85	ND (0.4)	ND (0.4)	ND (0.4)	-	0.48	ND (0.4)
Toluene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
trans-1,2-Dichloroethene	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
trans-1,3-Dichloropropene	0.4	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	ND (0.45)	-	ND (0.45)	ND (0.45)
Trichloroethene	5	0.52	0.48	ND (0.28)	0.35	ND (0.28)	-	ND (0.28)	ND (0.28)
Trichlorofluoromethane (CFC-11)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Trifluorotrichloroethane (Freon 113)	5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Vinyl chloride	2	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Xylene (Total)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)

Location Name Sample Name Sample Date Lab Sample ID	Criteria								
	New York TOGS 111 Ambient Water Quality Standards	MW-01 MW-01_20250723 07/23/2025	MW-01 DUP-01_20250723 07/23/2025	MW-02 MW-02_20250724 07/24/2025	MW-03 MW-03_20250723 07/23/2025	MW-04 MW-04_20250724 07/24/2025	MW-05 MW-05_20250724 07/24/2025	MW-06 MW-06_20250723 07/23/2025	OW-1 OW-1_20250724 07/24/2025
		460-331402-2	460-331402-4	460-331418-2	460-331402-3	460-331418-3	460-331418-4	460-331402-1	460-331418-1
Semi-Volatile Organic Compounds (ug/L)									
1,2,4,5-Tetrachlorobenzene	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
1,4-Dioxane	0.35	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,2'-oxybis(1-Chloropropane)	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,3,4,6-Tetrachlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,4,5-Trichlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,4,6-Trichlorophenol	NA	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	-	ND (3)	ND (3)
2,4-Dichlorophenol	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,4-Dimethylphenol	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,4-Dinitrophenol	10	ND (40)	ND (40)	ND (40)	ND (40)	ND (40)	-	ND (40)	ND (40)
2,4-Dinitrotoluene	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2,6-Dinitrotoluene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
2-Chloronaphthalene	10	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2-Chlorophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2-Methylnaphthalene	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2-Methylphenol (o-Cresol)	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2-Nitroaniline	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
2-Nitrophenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
3&4-Methylphenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
3,3'-Dichlorobenzidine	5	ND (5.2)	ND (5.2)	ND (5.2)	ND (5.2) J	ND (5.2)	-	ND (5.2)	ND (5.2)
3-Nitroaniline	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4,6-Dinitro-2-methylphenol	NA	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	-	ND (20)	ND (20)
4-Bromophenyl phenyl ether (BDE-3)	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4-Chloro-3-methylphenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4-Chloroaniline	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)
4-Chlorophenyl phenyl ether	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4-Methylphenol	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4-Nitroaniline	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
4-Nitrophenol	NA	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	-	ND (20)	ND (20)
Acenaphthene	20	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Acenaphthylene	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Acetophenone	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Anthracene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Atrazine	7.5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Benzaldehyde	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Benzo(a)anthracene	0.002	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Benzo(a)pyrene	0	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Benzo(b)fluoranthene	0.002	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Benzo(g,h,i)perylene	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Benzo(k)fluoranthene	0.002	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Biphenyl	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	-	ND (5)	ND (5)
bis(2-Chloroethoxy)methane	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
bis(2-Chloroethyl)ether	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
bis(2-Ethylhexyl)phthalate	5	ND (2)	0.99 J	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Butyl benzylphthalate (BBP)	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Caprolactam	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Carbazole	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Chrysene	0.002	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Dibenz(a,h)anthracene	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Dibenzofuran	NA	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Diethyl phthalate	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Dimethyl phthalate	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Di-n-butylphthalate (DBP)	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Di-n-octyl phthalate (DnOP)	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Fluoranthene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Fluorene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	1 J	ND (10)
Hexachlorobenzene	0.04	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Hexachlorobutadiene	0.5	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
Hexachlorocyclopentadiene	5	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Hexachloroethane	5	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	-	ND (0.8)	ND (0.8)
Indeno(1,2,3-cd)pyrene	0.002	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Isophorone	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Naphthalene	10	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Nitrobenzene	0.4	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
N-Nitrosodi-n-propylamine	NA	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	-	ND (1)	ND (1)
N-Nitrosodiphenylamine	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Pentachlorophenol	1	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	-	ND (20)	ND (20)
Phenanthrene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Phenol	1	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)
Pyrene	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	-	ND (10)	ND (10)

SUMMARY OF SUPPLEMENTAL GROUNDWATER QUALITY DATA

60 WILLIAM STREET DEVELOPMENT

58-60 WILLIAM STREET

NEWBURGH, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	Criteria								
	New York TOGS 111 Ambient Water Quality Standards	MW-01 MW-01_20250723 07/23/2025	MW-01 DUP-01_20250723 07/23/2025	MW-02 MW-02_20250724 07/24/2025	MW-03 MW-03_20250723 07/23/2025	MW-04 MW-04_20250724 07/24/2025	MW-05 MW-05_20250724 07/24/2025	MW-06 MW-06_20250723 07/23/2025	OW-1 OW-1_20250724 07/24/2025
		460-331402-2	460-331402-4	460-331418-2	460-331402-3	460-331418-3	460-331418-4	460-331402-1	460-331418-1
Semi-Volatile Organic Compounds (SIM) (ug/L)									
1,4-Dioxane	0.35	ND (0.2)	ND (0.2)	ND (0.2)	0.092 J	ND (0.2)	-	0.12 J	0.18 J
PFAS (ppt)									
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11CI-PF3OUdS)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	ND (7.69)	ND (7.56)	ND (7.71)	ND (7.48)	ND (7.94)	ND (7.54)	ND (7.84)	ND (8.33)
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	ND (7.69)	ND (7.56)	ND (7.71)	ND (7.48)	ND (7.94)	ND (7.54)	ND (7.84)	ND (8.33)
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	ND (3.08)	ND (3.02)	ND (3.08)	ND (2.99)	ND (3.17)	ND (3.02)	ND (3.13)	ND (8.33)
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	ND (3.08)	ND (3.02)	ND (3.08)	ND (2.99)	ND (3.17)	ND (3.02)	ND (3.13)	ND (3.33)
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	ND (3.08)	ND (3.02)	ND (3.08)	ND (2.99)	ND (3.17)	0.91 J	ND (3.13)	ND (3.33)
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	ND (3.08)	ND (3.02)	ND (3.08)	ND (2.99)	ND (3.17)	ND (3.02)	ND (3.13)	ND (3.33)
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NetFOSAA)	NA	ND (1.54)	ND (1.51)	2.	0.81 J	ND (1.59)	ND (1.51)	6.88	ND (1.67)
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	ND (7.69)	ND (7.56)	ND (7.71)	ND (7.48)	ND (7.94)	ND (7.54)	ND (7.84)	ND (8.33)
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	ND (7.69)	ND (7.56)	ND (7.71)	ND (7.48)	ND (7.94)	ND (7.54)	ND (7.84)	ND (8.33)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	ND (1.15)	ND (1.13)	ND (1.16)	ND (1.12)	ND (1.59)	0.41 J	ND (1.18)	ND (1.25)
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluorobutanesulfonic acid (PFBS)	NA	5.02	5.11	3.52	5.42	ND (1.59)	49.9	4.97	ND (1.67)
Perfluorobutanoic acid (PFBA)	NA	6.17	6.25	22.8	15.4	17.3	72.6	16.5	ND (3.33)
Perfluorodecanesulfonic acid (PFDS)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluorodecanoic acid (PFDA)	NA	1.26 J	1.26 J	1.67	0.76 J	ND (1.59)	1.67	ND (1.57)	ND (1.67)
Perfluorododecane sulfonic acid (PFDoDS)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluorododecanoic acid (PFDoDA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluoroheptanesulfonic acid (PFHpS)	NA	0.39 J	0.38 J	4.05	2.73	ND (1.59)	1.64	7.37	ND (1.67)
Perfluoroheptanoic acid (PFHpA)	NA	5.18	5.31	7.56	7.98	ND (1.59)	71.6	11.2	ND (1.67)
Perfluorohexanesulfonic acid (PFHxS)	NA	10.8	10.9	10.9	8.29	0.00067 J	22.1	12.5	ND (1.67)
Perfluorohexanoic acid (PFHxA)	NA	8.14	8.2	8.65	5.88	2.89	143.	6.38	ND (1.67)
Perfluorononane sulfonic acid (PFNS)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluorononanoic acid (PFNA)	NA	1.68	1.79	4.46	2.92	ND (1.59)	7.56	4.88	ND (1.67)
Perfluorooctane sulfonamide (PFOSA)	NA	ND (1.54)	ND (1.51)	6.58	7.47	ND (1.59)	ND (1.51)	44.7	ND (1.67)
Perfluorooctanesulfonic acid (PFOS)	2.7	34	35	335	224	ND (1.59)	95.4	952	ND (1.67)
Perfluorooctanoic acid (PFOA)	6.7	11.4	11.1	77	93.1	7.42	82.2	170	ND (1.67)
Perfluoropentanesulfonic acid (PFPeS)	NA	1.61	1.69	1.82	1.54	ND (1.59)	4.4	2.35	ND (1.67)
Perfluoropentanoic acid (PFPeA)	NA	8.6	8.77	4.03	3.39	6.73	129.	6.03	ND (1.67)
Perfluorotetradecanoic acid (PFTeDA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluorotridecanoic acid (PFTrDA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
Perfluoroundecanoic acid (PFUnDA)	NA	ND (1.54)	ND (1.51)	ND (1.54)	ND (1.5)	ND (1.59)	ND (1.51)	ND (1.57)	ND (1.67)
US EPA PFAS (PFOS + PFOA)	NA	45.4	46.1	412.	317.	7.42	178.	1120.	ND (1.67)
Pesticides (ug/L)									
4,4'-DDD	0.3	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
4,4'-DDE	0.2	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
4,4'-DDT	0.2	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Aldrin	0	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
alpha-BHC	0.01	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
alpha-Chlordane (cis)	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
beta-BHC	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Chlordane	0.05	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
delta-BHC	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Dieldrin	0.004	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endosulfan I	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endosulfan II	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endosulfan sulfate	NA	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endrin	0	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endrin aldehyde	5	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Endrin ketone	5	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
gamma-BHC (Lindane)	0.05	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Heptachlor	0.04	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Heptachlor epoxide	0.03	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Methoxychlor	35	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.02)	-	ND (0.02)	ND (0.02)
Toxaphene	0.06	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	-	ND (0.5)	ND (0.5)

Location Name Sample Name Sample Date Lab Sample ID	Criteria								
	New York TOGS 111 Ambient Water Quality Standards	MW-01 MW-01_20250723 07/23/2025	MW-01 DUP-01_20250723 07/23/2025	MW-02 MW-02_20250724 07/24/2025	MW-03 MW-03_20250723 07/23/2025	MW-04 MW-04_20250724 07/24/2025	MW-05 MW-05_20250724 07/24/2025	MW-06 MW-06_20250723 07/23/2025	OW-1 OW-1_20250724 07/24/2025
		460-331402-2	460-331402-4	460-331418-2	460-331402-3	460-331418-3	460-331418-4	460-331402-1	460-331418-1
Polychlorinated Biphenyls (ug/L)									
Aroclor-1016 (PCB-1016)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1221 (PCB-1221)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1232 (PCB-1232)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1242 (PCB-1242)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1248 (PCB-1248)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1254 (PCB-1254)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1260 (PCB-1260)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1262 (PCB-1262)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Aroclor-1268 (PCB-1268)	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Polychlorinated biphenyls (PCBs)	0.09	-	-	-	-	-	-	-	-
Total PCBs	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Inorganic Compounds (ug/L)									
Aluminum, Dissolved	NA	ND (40)	ND (40)	ND (40)	ND (40)	ND (40)	-	ND (40)	ND (40)
Antimony, Dissolved	3	ND (2)	ND (2)	0.7 J	ND (2)	ND (2)	-	0.55 J	0.32 J
Arsenic, Dissolved	25	ND (2)	ND (2)	1.5 J	ND (2)	1.2 J	-	1.8 J	1.6 J
Barium, Dissolved	1000	22.3	18.9	46.6	43.8	79.5	-	75.9	69.4
Beryllium, Dissolved	3	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	ND (0.8)	-	ND (0.8)	ND (0.8)
Cadmium, Dissolved	5	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	-	ND (0.92)	ND (0.92)
Calcium, Dissolved	NA	45600	43600	89800	76100	98800	-	83100	111000
Chromium, Dissolved	50	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	-	ND (4)	ND (4)
Cobalt, Dissolved	NA	ND (2)	ND (2)	0.24 J	1.1 J	ND (2)	-	1.7 J	ND (2)
Copper, Dissolved	200	ND (4)	ND (4)	2.8 J	ND (4)	ND (4)	-	ND (4)	ND (4)
Iron, Dissolved	300	ND (120)	ND (120)	ND (120)	ND (120)	ND (120)	-	ND (120)	58.6 J
Lead, Dissolved	25	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)	-	ND (1.2)	ND (1.2)
Magnesium, Dissolved	35000	13600	13300	20900	21800	20700	-	22100	25400
Manganese, Dissolved	300	321 J	77.5 J	1070	2550	402	-	5730	129
Mercury, Dissolved	0.7	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	-	ND (0.2)	ND (0.2)
Nickel, Dissolved	100	ND (4)	ND (4)	1.5 J	ND (4)	ND (4)	-	1.9 J	ND (4)
Potassium, Dissolved	NA	2400	2300	5520	5660	1320	-	4480	1550
Selenium, Dissolved	10	3	3.2	0.67 J	ND (2.5)	ND (2.5)	-	ND (2.5)	ND (2.5)
Silver, Dissolved	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Sodium, Dissolved	20000	90400	93100	9460	34800	35800	-	28100	27400
Thallium, Dissolved	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	-	ND (0.5)	ND (0.5)
Vanadium, Dissolved	NA	ND (4)	ND (4)	0.7 J	ND (4)	ND (4)	-	ND (4)	ND (4)
Zinc, Dissolved	2000	ND (16)	ND (16)	10.3 J	ND (16)	ND (16)	-	ND (16)	ND (16)
Aluminum, Total	NA	1760 J+	1450 J+	993 J+	9400 J+	277 J+	-	ND (40)	941 J+
Antimony, Total	3	ND (2)	ND (2)	0.77 J	0.55 J	ND (2)	-	ND (2)	ND (2)
Arsenic, Total	25	1.5 J	1.4 J	2.2	7.1	2.4	-	ND (2)	33.2
Barium, Total	1000	30.1	26.3	53.8	91.7	80.7	-	ND (4)	90.6
Beryllium, Total	3	ND (0.8)	ND (0.8)	ND (0.8)	0.45 J	ND (0.8)	-	ND (0.8)	ND (0.8)
Cadmium, Total	5	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)	-	ND (0.92)	ND (0.92)
Calcium, Total	NA	43200	43400	95500	78200	98200	-	ND (500)	109000
Chromium, Total	50	3.8 J	3 J	3.6 J	15.9	1.6 J	-	ND (4)	5
Cobalt, Total	NA	1.2 J	0.99 J	1.2 J	9	0.35 J	-	ND (2)	1.1 J
Copper, Total	200	4.2	3.4 J	6.2	33.9	ND (4)	-	ND (4)	5.5
Iron, Total	300	2710	2120	1930	17200	765	-	ND (120)	10100
Lead, Total	25	4.4	3.6	15.1	76.3	ND (1.2)	-	ND (1.2)	2.6
Magnesium, Total	35000	13500	13600	23200	25000	21800	-	ND (200)	25500
Manganese, Total	300	232	203	1370	3060	410	-	ND (8)	665
Mercury, Total	0.7	ND (0.2)	ND (0.2)	ND (0.2)	0.19 J	ND (0.2)	-	ND (0.2)	ND (0.2)
Nickel, Total	100	3 J	2.7 J	4.6	18.4	2 J	-	ND (4)	1.4 J
Potassium, Total	NA	2650	2580	5790	7170	1210	-	ND (200)	1830
Selenium, Total	10	2.8	3	ND (2.5)	0.62 J	ND (2.5)	-	ND (2.5)	ND (2.5)
Silver, Total	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	-	ND (2)	ND (2)
Sodium, Total	20000	92200	93700	10300	35300	38600	-	ND (500)	27400
Thallium, Total	0.5	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	-	ND (0.5)	ND (0.5)
Vanadium, Total	NA	2.4 J	1.9 J	3 J	14.8	ND (4)	-	ND (4)	1.6 J
Zinc, Total	2000	11.8 J	10.9 J	95.5	97.8	ND (16)	-	ND (16)	7.4 J

ABBREVIATIONS AND NOTES:

µg/L: micrograms per liter

ppt = parts per trillion

**: LCS or LCSD is outside acceptance limits.*

-: Not Analyzed

J: Value is estimated

J-: Value is estimated, low bias.

J+: Value is estimated, high bias.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- **Bold** values indicate an exceedance of the AWQS criteria.

TABLE 5
SUMMARY OF SOIL GAS QUALITY DATA
60 WILLIAM STREET DEVELOPMENT
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

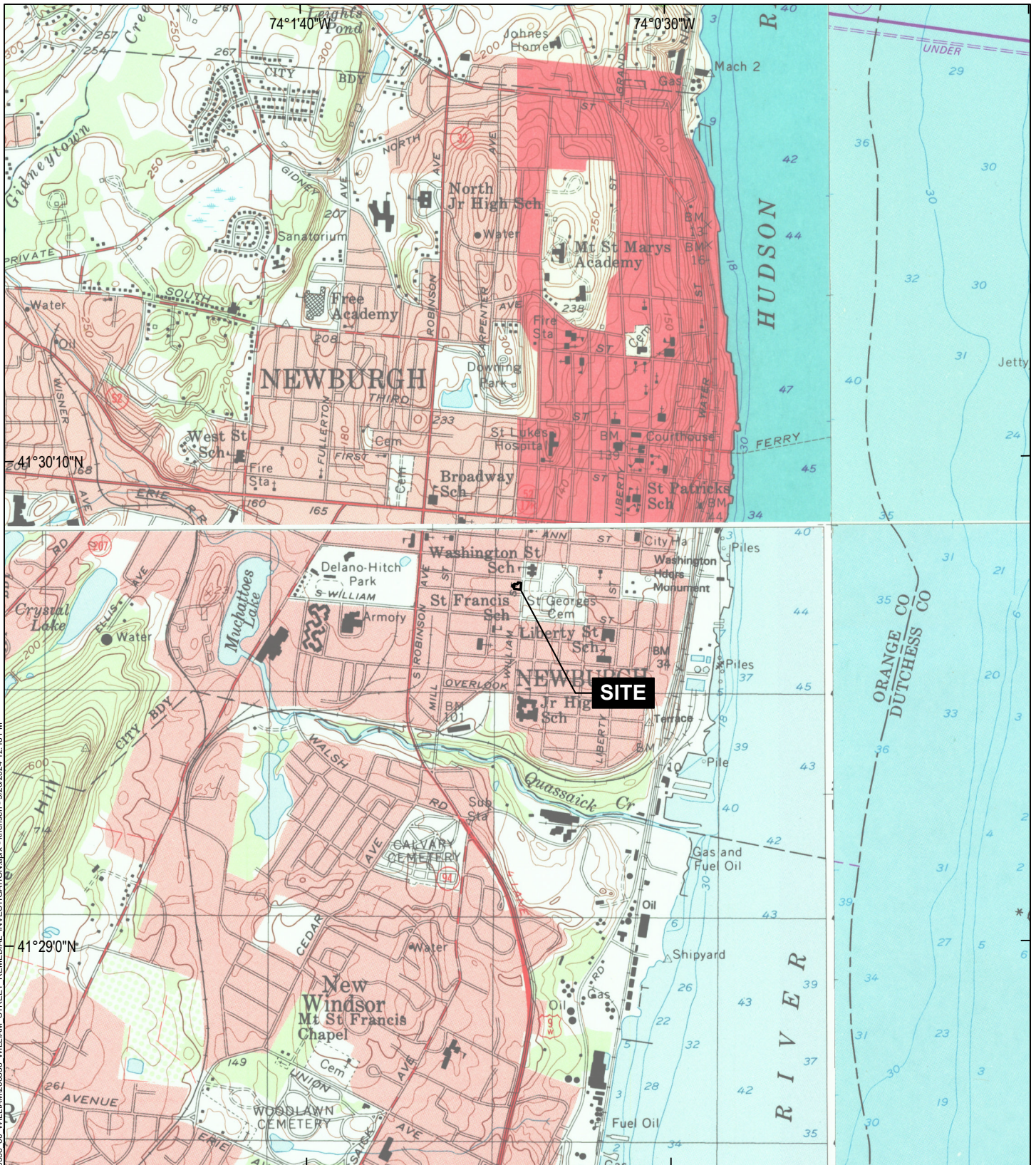
Location Name	SV-01	SV-02	SV-03	SV-04	SV-05	SV-06
Sample Name	SV-01_20240828	SV-02_20240829	SV-03_20240829	SV-04_20240829	SV-05_20240829	SV-06_20240829
Sample Date	08/28/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024	08/29/2024
Lab Sample ID	200-74970-1	200-74970-2	200-74970-3	200-74970-4	200-74970-5	200-74970-6
Volatile Organic Compounds (ug/m3)						
1,1,1-Trichloroethane	ND (1.1)	1.8 J	ND (1.1)	1.6	ND (1.1)	0.8 J
1,1,2,2-Tetrachloroethane	ND (1.4)	ND (2.7)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,1,2-Trichloroethane	ND (1.1)	ND (2.2)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
1,1-Dichloroethane	ND (0.81)	ND (1.6)	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,1-Dichloroethene	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,2,4-Trichlorobenzene	ND (3.7)	ND (7.4)	ND (3.7)	ND (3.7)	ND (3.7)	ND (3.7)
1,2,4-Trimethylbenzene	0.92 J	3.1	ND (0.98)	3.5	2.5	2.9
1,2-Dibromoethane (Ethylene Dibromide)	ND (1.5)	ND (3.1)	ND (1.5)	ND (1.5)	ND (1.5)	ND (1.5)
1,2-Dichlorobenzene	ND (1.2)	ND (2.4)	ND (1.2)	ND (1.2)	ND (1.2)	ND (1.2)
1,2-Dichloroethane	ND (0.81)	ND (1.6)	ND (0.81)	ND (0.81)	ND (0.81)	ND (0.81)
1,2-Dichloropropane	ND (0.92)	ND (1.8)	ND (0.92)	ND (0.92)	ND (0.92)	ND (0.92)
1,2-Dichlorotetrafluoroethane (CFC 114)	ND (1.4)	ND (2.8)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.4)
1,3,5-Trimethylbenzene	ND (0.98)	0.96 J	ND (0.98)	1.1	0.49 J	0.86 J
1,3-Butadiene	2.2	ND (0.88)	0.17 J	ND (0.44)	0.14 J	ND (0.44)
1,3-Dichlorobenzene	36	ND (2.4)	ND (1.2)	ND (1.2)	2.7	ND (1.2)
1,4-Dichlorobenzene	ND (1.2)	ND (2.4)	0.66 J	0.55 J	ND (1.2)	ND (1.2)
1,4-Dioxane	ND (18)	ND (36)	ND (18)	0.46 J	ND (18)	ND (18)
2,2,4-Trimethylpentane	1.2	0.49 J	1.1	1.1	6.2	1
2-Butanone (Methyl Ethyl Ketone)	5.7	3	3.7	3.6	26	ND (1.5)
2-Chlorotoluene	ND (1)	ND (2.1)	ND (1)	ND (1)	ND (1)	ND (1)
2-Hexanone (Methyl Butyl Ketone)	ND (2)	ND (4.1)	ND (2)	ND (2)	2.4	ND (2)
2-Phenylbutane (sec-Butylbenzene)	ND (1.1)	ND (2.2)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	ND (0.98)	ND (2)	ND (0.98)	0.72 J	0.38 J	0.39 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ND (2)	ND (4.1)	ND (2)	ND (2)	4.7	ND (2)
Acetone	87	74	49	26	67	14
Allyl chloride	ND (1.6)	ND (3.1)	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Benzene	2.6	0.45 J	1.5	0.71	3.8	1.3
Benzyl Chloride (alpha-Chlorotoluene)	ND (1)	ND (2.1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	ND (1.3)	ND (2.7)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Bromoform	ND (2.1)	ND (4.1)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Bromomethane (Methyl Bromide)	ND (0.78)	ND (1.6)	ND (0.78)	ND (0.78)	ND (0.78)	ND (0.78)
Butane	5.6	ND (2.4)	4.9	1.4	130	4.3
Carbon disulfide	7.3	1.7 J	8.4	9	5.9	3
Carbon tetrachloride	0.19 J	ND (0.44)	ND (0.22)	ND (0.22)	ND (0.22)	0.14 J
Chlorobenzene	1.3	0.51 J	1.4	1.7	1.6	0.95
Chlorodifluoromethane	ND (1.8)	0.85 J	0.42 J	0.59 J	0.79 J	0.91 J
Chloroethane	ND (1.3)	ND (2.6)	ND (1.3)	ND (1.3)	ND (1.3)	ND (1.3)
Chloroform (Trichloromethane)	ND (0.98)	1.8 J	17	0.38 J	0.22 J	0.44 J
Chloromethane (Methyl Chloride)	1.1	ND (2.1)	1.1	ND (1)	0.35 J	ND (1)
cis-1,2-Dichloroethene	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
cis-1,3-Dichloropropene	ND (0.91)	ND (1.8)	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Cyclohexane	1.2	ND (1.4)	1.6	1.4	3.1	3.2
Cymene (p-Isopropyltoluene)	ND (1.1)	ND (2.2)	2.7	0.5 J	3.1	ND (1.1)
Dibromochloromethane	ND (1.7)	ND (3.4)	ND (1.7)	ND (1.7)	ND (1.7)	ND (1.7)
Dichlorodifluoromethane (CFC-12)	1.9 J	2.9 J	1.7 J	2 J	1.7 J	1.8 J
Ethylbenzene	0.78 J	0.93 J	1.8	1.8	11	2.3
Hexachlorobutadiene	ND (2.1)	ND (4.3)	ND (2.1)	ND (2.1)	ND (2.1)	ND (2.1)
Hexane	1.5 J	ND (3.5)	1.6 J	0.96 J	7.5	6.8
Isopropyl Alcohol (2-Propanol)	3.9 J	ND (25)	ND (12)	ND (12)	210	ND (12)
Isopropylbenzene (Cumene)	ND (0.98)	ND (2)	ND (0.98)	0.83 J	0.67 J	ND (0.98)
m,p-Xylenes	1.8 J	3.3 J	5.3	5.1	30	6.3
Methyl methacrylate	ND (2)	ND (4.1)	ND (2)	ND (2)	0.95 J	ND (2)
Methyl Tert Butyl Ether (MTBE)	ND (0.72)	ND (1.4)	ND (0.72)	ND (0.72)	ND (0.72)	ND (0.72)
Methylene chloride (Dichloromethane)	0.67 J	ND (3.5)	0.64 J	0.69 J	1 J	ND (1.7)
Naphthalene	ND (2)	ND (4)	ND (2)	ND (2)	ND (2)	ND (2)
n-Butylbenzene	ND (1.1)	ND (2.2)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
N-Heptane	1.6	ND (1.6)	1.5	1.6	6.3	3.9
n-Propylbenzene	ND (0.98)	ND (2)	0.46 J	0.47 J	0.33 J	0.31 J
o-Xylene	0.86 J	1.9	2.6	2.8	9.5	2.9
Styrene	ND (0.85)	0.54 J	0.8 J	0.76 J	1	2.2
Tert-Butyl Alcohol (tert-Butanol)	19	39	29	30	18	11 J
tert-Butylbenzene	ND (1.1)	ND (2.2)	ND (1.1)	ND (1.1)	ND (1.1)	ND (1.1)
Tetrachloroethene	0.23 J	0.71 J	1.1 J	0.72 J	9.3	0.33 J
Tetrahydrofuran	ND (15)	ND (29)	ND (15)	ND (15)	7.2 J	ND (15)
Toluene	4.2	4.2	16	5.6	8.4	4.8
trans-1,2-Dichloroethene	ND (0.79)	ND (1.6)	ND (0.79)	ND (0.79)	ND (0.79)	ND (0.79)
trans-1,3-Dichloropropene	ND (0.91)	ND (1.8)	ND (0.91)	ND (0.91)	ND (0.91)	ND (0.91)
Trichloroethene	ND (0.2)	0.36 J	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichlorofluoromethane (CFC-11)	1.2	2200	2.7	1.2	40	1.3
Trifluorotrichloroethane (Freon 113)	0.54 J	ND (3.1)	0.43 J	0.46 J	ND (1.5)	ND (1.5)
Vinyl Bromide (Bromoethene)	ND (0.87)	ND (1.7)	ND (0.87)	ND (0.87)	ND (0.87)	ND (0.87)
Vinyl chloride	0.28	ND (0.4)	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
SUM of Volatile Organic Compounds	190.77	2342.5	159.28	109.3	624.22	78.13
SUM Chlorinated Volatile Organic Compounds	1.37	2.87	1.74	3.01	10.3	1.27
SUM BTEX	10.24	10.78	27.2	16.01	62.7	17.6

ABBREVIATIONS AND NOTES:
µg/m³ : micrograms per cubic meter

-: Not Analyzed
BTEX: Benzene, Toluene, Ethylbenzene, Xylenes
J: Value is estimated
NA: Not Applicable
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.
- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride

FIGURES



GIS: \\haleyaldrich\haley\CF\Projects\0206338\GIS\0206338_60 WILLIAM STREET REMEDIAL INVESTIGATION.aprx - hansen - 9/26/2024 12:18 PM



MAP SOURCE: ESRI
SITE COORDINATES: 41°29'52"N, 74°0'59"W

**HALEY
ALDRICH**

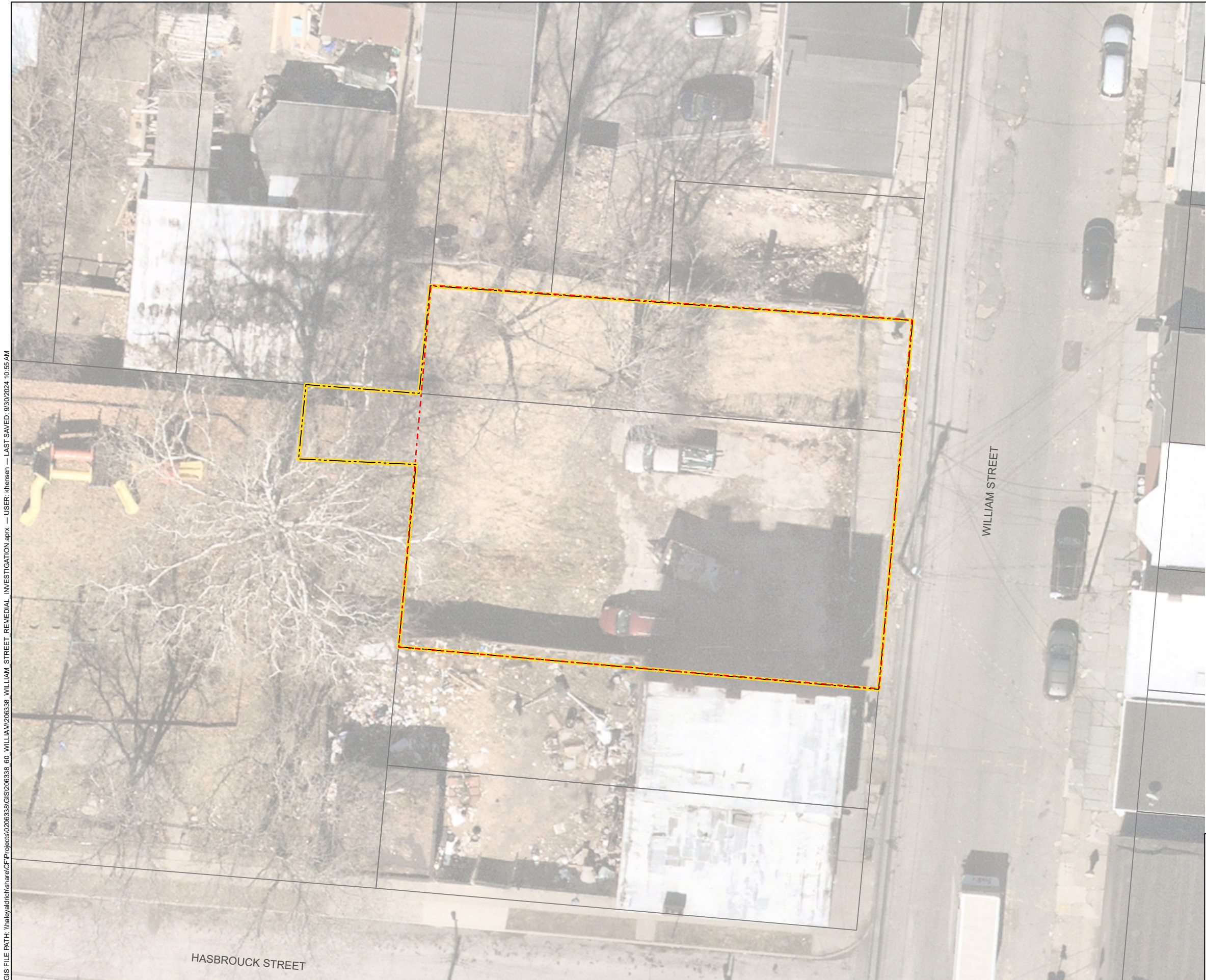
56-60 WILLIAM STREET
NEWBURGH, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
SEPTEMBER 2024

FIGURE 1

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0206338\GIS\0206338_60_WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khansen — LAST SAVED: 9/30/2024 10:55 AM



LEGEND

- PREVIOUS SITE BOUNDARY
- PARCEL BOUNDARY
- SITE BOUNDARY POST BCA AMENDMENT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE:: ORANGE COUNTY GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



0 20 40
SCALE IN FEET

HALEY
ALDRICH

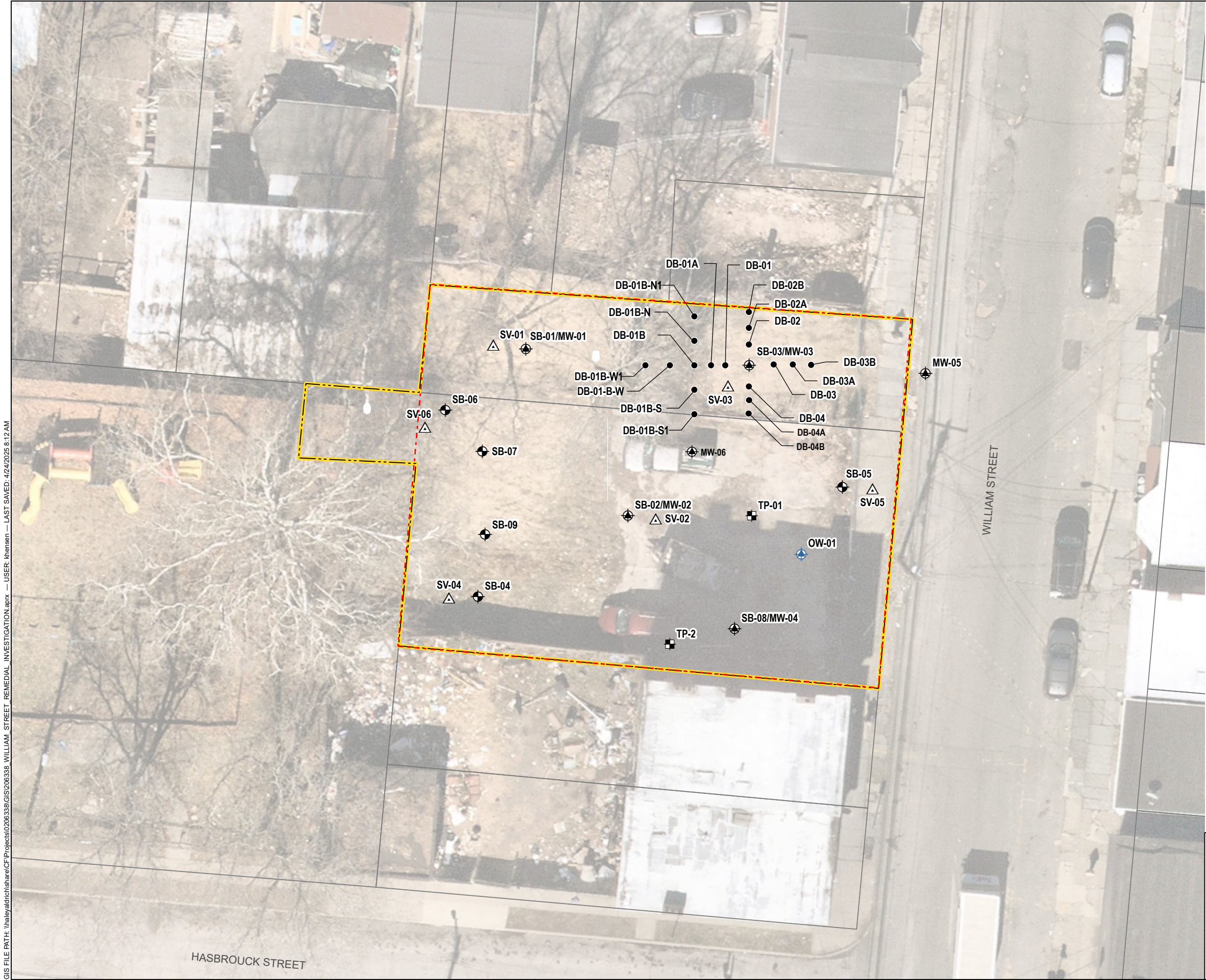
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SITE PLAN

SEPTEMBER 2024

FIGURE 2

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0206338\GIS\0206338 WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khansen — LAST SAVED: 4/24/2025 8:12 AM



LEGEND

- 5-FT LEAD DELINEATION STEP-OUT
- △ SOIL VAPOR POINT
- ⊕ SOIL BORING
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ EXISTING GROUNDWATER MONITORING WELL
- ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT
- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE:: ORANGE COUNTY GIS
3. AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



0 20 40
SCALE IN FEET

HALEY
ALDRICH

58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SAMPLE LOCATION MAP

APRIL 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0206338\GIS\0206338 WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khansen — LAST SAVED: 10/2/2024 11:36 AM



LEGEND

- GROUNDWATER MONITORING WELL
- EXISTING GROUNDWATER MONITORING WELL
- PREVIOUS SITE BOUNDARY
- PARCEL BOUNDARY
- GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION
- SITE BOUNDARY POST BCA AMENDMENT

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- ASSESSOR PARCEL DATA SOURCE: ORANGE COUNTY GIS
- AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024
- MONITORING WELLS WERE SURVEYED BY DPK CONSULTING LLC. ON OCTOBER 8, 2024 AND JULY 23, 2025.
- ELEVATION REFERS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



0 20 40
SCALE IN FEET

HALEY
ALDRICH

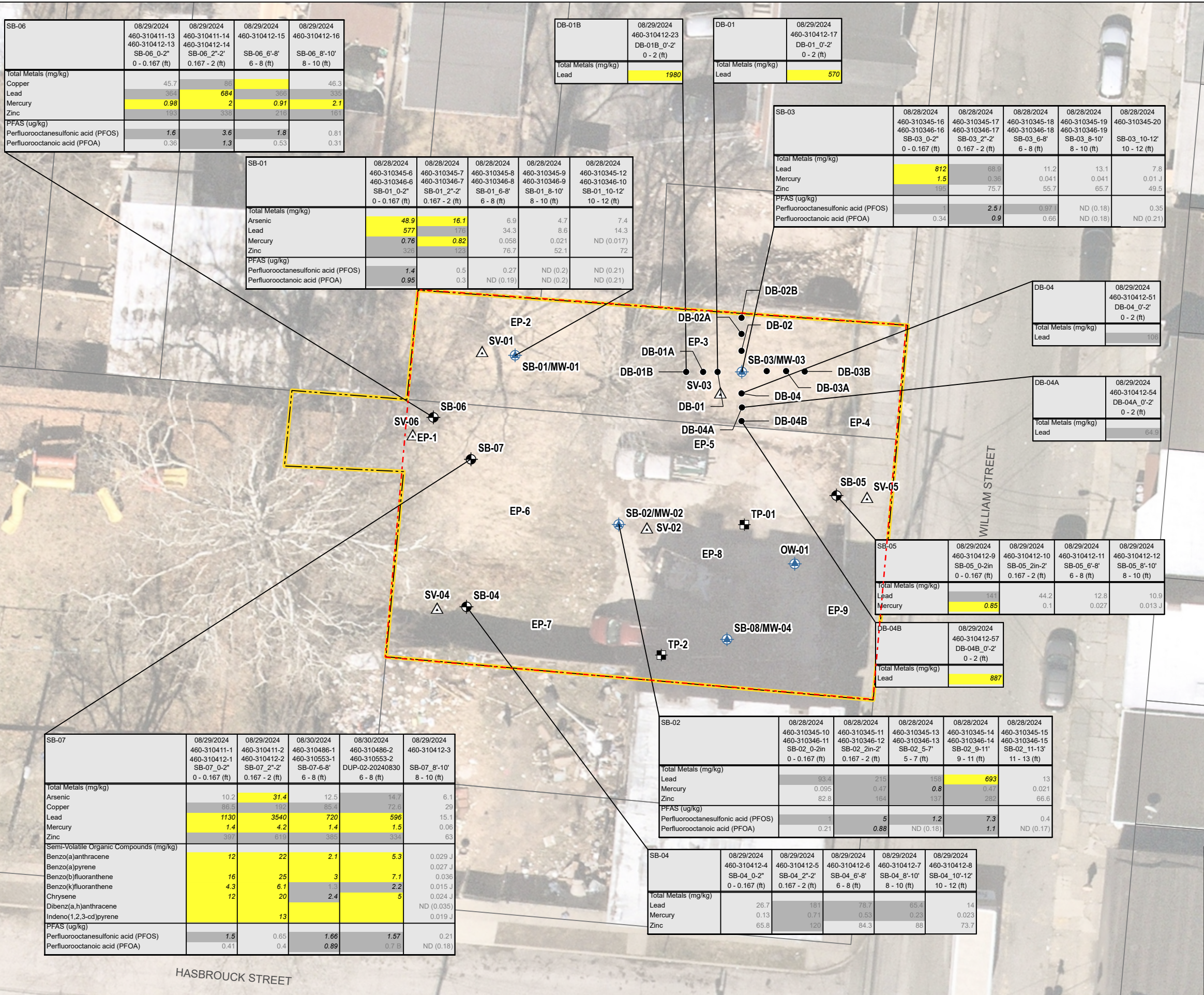
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

GROUNDWATER CONTOUR
MAP

AUGUST 2025

FIGURE 4

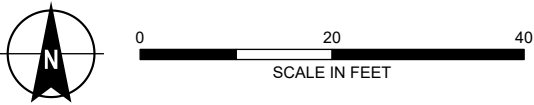
GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\02063838\GIS\02063838 WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khensen — LAST SAVED: 10/30/2024 11:43 AM



LEGEND

- 5-FT LEAD DELINEATION STEP-OUT
- △ SOIL VAPOR POINT
- ⊕ SOIL BORING
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT
- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

- NOTES**
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (SCOS), RESTRICTED-RESIDENTIAL SCOS, AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.
 - DEFINITIONS:
NY-RESR = NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCO
NY-UNRES = NYSDEC PART 375 UNRESTRICTED USE SCO
NY-PGW = NYDEC PART 375 PROTECTION OF GROUNDWATER CRITERIA
 - EXCEEDANCES OF THE NY-UNRES SCOS ARE SHADED GRAY
 - EXCEEDANCES OF THE NY-UNRES AND NY-RESRR ARE SHADED YELLOW
 - EXCEEDANCES OF THE NY-PGW ARE SHOWN IN BLACK TEXT AND IN *ITALICS*
 - ASSESSOR PARCEL DATA SOURCE: ORANGE COUNTY GIS
 - AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



**HALEY
ALDRICH**

58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SOIL EXCEEDANCE MAP

JANUARY 2025

FIGURE 5

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0206338\GIS\0206338 WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khansen — LAST SAVED: 4/24/2025 8:12 AM

SB-06	07/16/2025	07/16/2025	07/16/2025
	460-330846-2	460-330846-4	460-330846-3
	460-330847-1	460-330847-3	460-330847-2
	SB-06_13-15 13 - 15 (ft)	DUP-01_20250716 13 - 15 (ft)	SB-06_15-17 15 - 17 (ft)
PFAS (mg/kg)			
Perfluorooctanesulfonic acid (PFOS)	0.00033	0.00034	0.000071 J
US EPA PFAS (PFOS + PFOA)	0.00033	0.00034	ND (0.00024)

SB-03	07/16/2025	07/16/2025
	460-330846-5	460-330846-6
	460-330847-4	460-330847-5
	SB-03_13-15 13-15 (ft)	SB-03_15-17 15 - 17 (ft)
PFAS (mg/kg)		
Perfluorooctanesulfonic acid (PFOS)	ND (0.0002)	0.00025 J
US EPA PFAS (PFOS + PFOA)	ND (0.0002)	0.00025 J

SB-09	07/15/2025	07/15/2025
	460-330742-2	460-330742-3
	460-330744-1	460-330744-2
	SB-09_13-15 13 - 15 (ft)	SB-09_15-17 15 - 17 (ft)
PFAS (mg/kg)		
Perfluorooctanesulfonic acid (PFOS)	0.00031	ND (0.00026)
US EPA PFAS (PFOS + PFOA)	0.00031	ND (0.00026)

- LEGEND
- 5-FT LEAD DELINEATION STEP-OUT
 - △ SOIL VAPOR POINT
 - ⊕ SOIL BORING
 - ⊕ GROUNDWATER MONITORING WELL
 - ⊕ EXISTING GROUNDWATER MONITORING WELL
 - ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT

- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

- NOTES
- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (SCOS), RESTRICTED-RESIDENTIAL SCOS, AND 40 CFR 261 SUBPART C AND TABLE 1 OF 40 CFR 261.24.
 - DEFINITIONS:
NY-RESR = NYSDEC PART 375 RESTRICTED-RESIDENTIAL USE SCO
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 - EXCEEDANCES OF THE NY-UNRES SCOS ARE SHADED GRAY
 - EXCEEDANCES OF THE NY-UNRES AND NY-RESRR ARE SHADED YELLOW
 - EXCEEDANCES OF THE NY-PGW ARE SHOWN IN BLACK TEXT AND IN ITALICS
 - ASSESSOR PARCEL DATA SOURCE: ORANGE COUNTY GIS
 - AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



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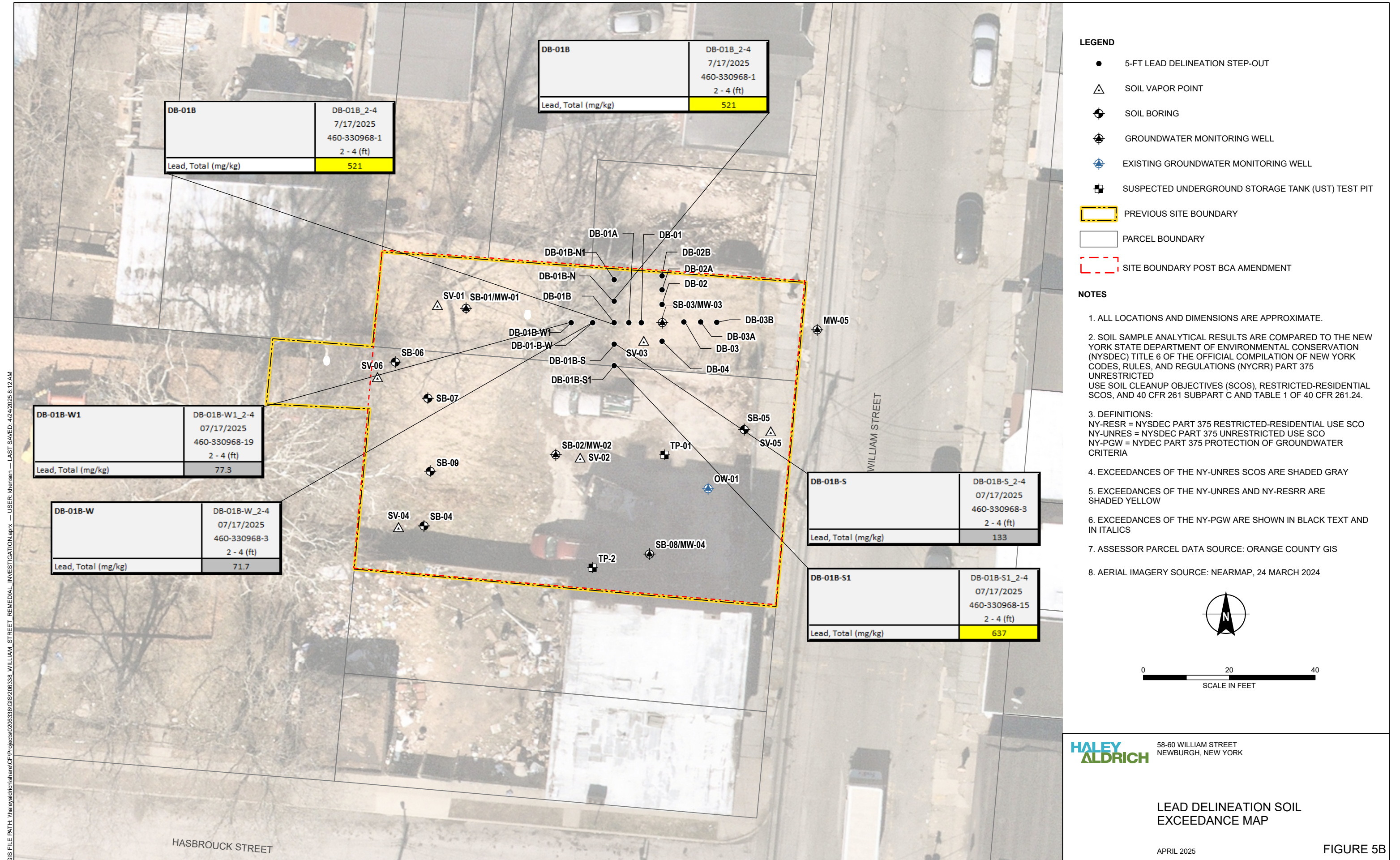
HALEY
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58-60 WILLIAM STREET
NEWBURGH, NEW YORK

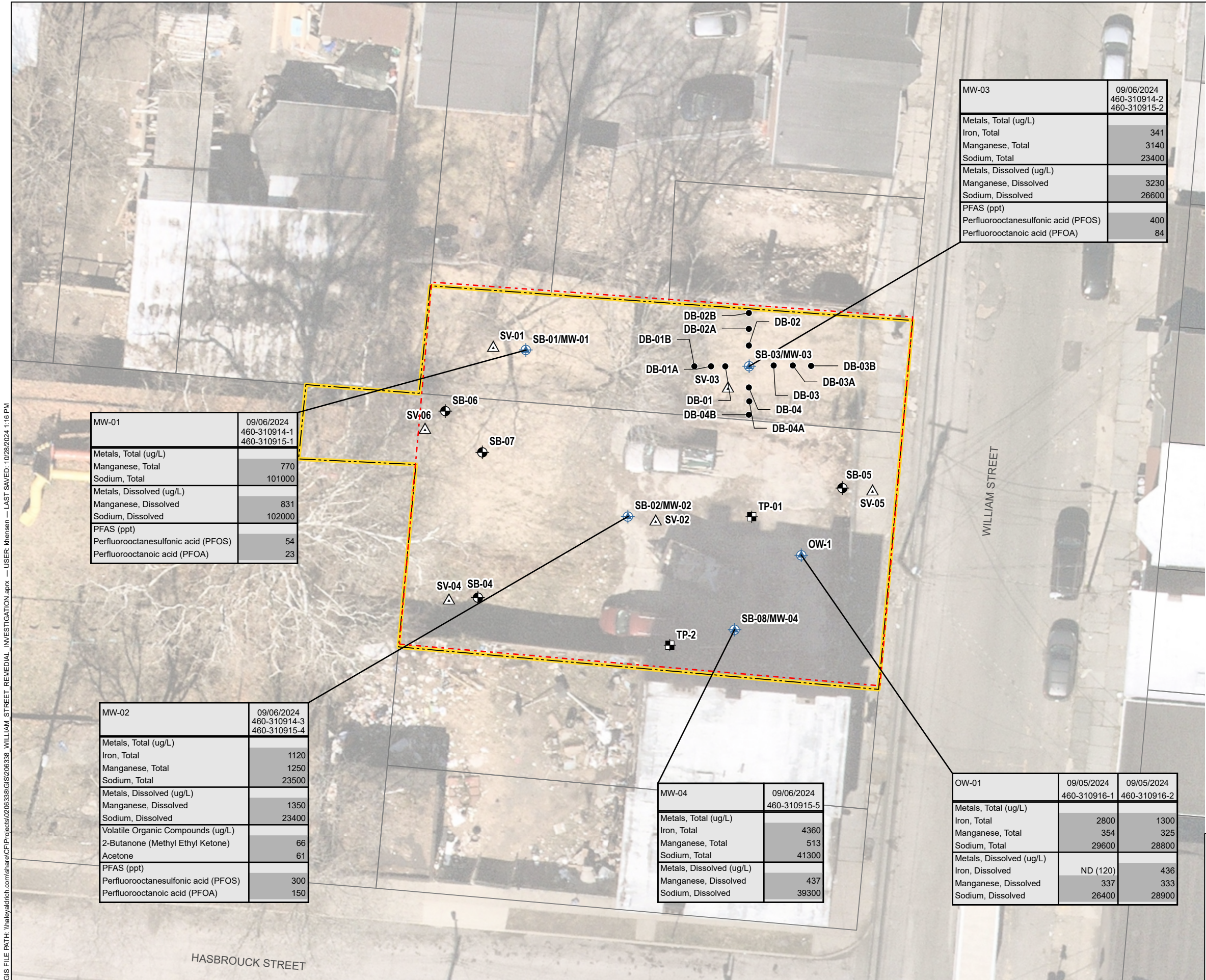
SUPPLEMENTAL SOIL RESULTS MAP

APRIL 2025

FIGURE 5A



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LEGEND

- 5-FT LEAD DELINEATION STEP-OUT
- △ SOIL VAPOR POINT
- ⊕ SOIL BORING
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT
- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

	AQWS
Volatile Organic Compounds (ug/L)	
2-Butanone (Methyl Ethyl Ketone)	50
Acetone	50
Inorganic Compounds (ug/L)	
Manganese, Dissolved	300
Sodium, Dissolved	20000
Iron, Total	300
Manganese, Total	300
Sodium, Total	20000
PFAS (ug/L)	
Perfluorooctanesulfonic acid (PFOS)	0.0027
Perfluorooctanoic acid (PFOA)	0.0067

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION(NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS)
3. ALL RESULTS SHOWN EXCEED THE NYSDEC AWQS AND/OR 2023 GUIDANCE VALUES.
4. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (ug/L).
5. PFAS RESULTS ARE SHOWN IN NANOGRAMS PER LITER (ng/L).
6. ASSESSOR PARCEL DATA SOURCE:: ORANGE COUNTY GIS
7. AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



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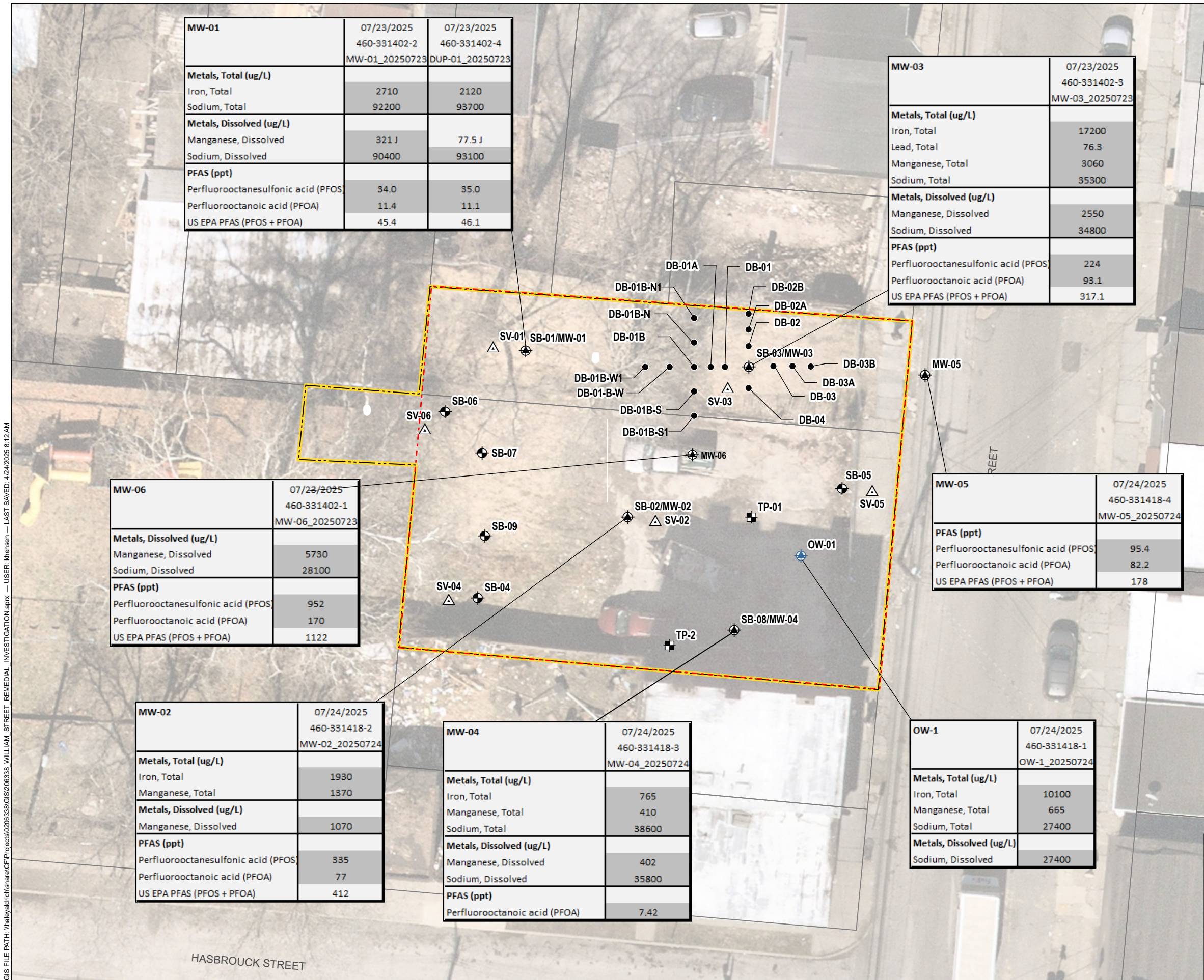
58-60 WILLIAM STREET
NEWBURGH, NEW YORK

GROUNDWATER EXCEEDANCE MAP

OCTOBER 2024

FIGURE 6

GIS FILE PATH: \\haleyaldrich\share\CF\Projects\0206338\GIS\0206338 WILLIAM STREET REMEDIAL INVESTIGATION.aprx — USER: khansen — LAST SAVED: 4/24/2025 8:12 AM



LEGEND

- 5-FT LEAD DELINEATION STEP-OUT
- △ SOIL VAPOR POINT
- ⊕ SOIL BORING
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ EXISTING GROUNDWATER MONITORING WELL
- ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT
- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION(NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS)
3. ALL RESULTS SHOWN EXCEED THE NYSDEC AWQS AND/OR 2023 GUIDANCE VALUES.
4. RESULTS ARE DISPLAYED IN MICROGRAMS PER LITER (ug/L).
5. PFAS RESULTS ARE SHOWN IN NANOGRAMS PER LITER (ng/L).
6. ASSESSOR PARCEL DATA SOURCE:: ORANGE COUNTY GIS
7. AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



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SCALE IN FEET

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ALDRICH

58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SUPPLEMENTAL GROUNDWATER
EXCEEDANCE MAP

APRIL 2025

FIGURE 6A

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SV-01	SV-01 08/28/2024 200-74970-1
VOCs	
1,2,4-Trimethylbenzene	0.92 J
1,3-Butadiene	2.2
1,3-Dichlorobenzene	36
2,2,4-Trimethylpentane	1.2
2-Butanone (Methyl Ethyl Ketone)	5.7
Acetone	87
Benzene	2.6
Butane	5.6
Carbon disulfide	7.3
Carbon tetrachloride	0.19 J
Chlorobenzene	1.3
Chloromethane (Methyl Chloride)	1.1
Cyclohexane	1.2
Dichlorodifluoromethane (CFC-12)	1.9 J
Ethylbenzene	0.78 J
Hexane	1.5 J
Isopropyl Alcohol (2-Propanol)	3.9 J
m,p-Xylenes	1.8 J
Methylene chloride (Dichloromethane)	0.67 J
N-Heptane	1.6
o-Xylene	0.86 J
Tert-Butyl Alcohol (tert-Butanol)	19
Tetrachloroethene	0.23 J
Toluene	4.2
Trichlorofluoromethane (CFC-11)	1.2
Trifluorotrichloroethane (Freon 113)	0.54 J
Vinyl chloride	0.28

SV-06	SV-06 08/29/2024 200-74970-6
VOCs	
1,1,1-Trichloroethane	0.8 J
1,2,4-Trimethylbenzene	2.9
1,3,5-Trimethylbenzene	0.86 J
2,2,4-Trimethylpentane	1
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	0.39 J
Acetone	14
Benzene	1.3
Butane	4.3
Carbon disulfide	3
Carbon tetrachloride	0.14 J
Chlorobenzene	0.95
Chlorodifluoromethane	0.91 J
Chloroform (Trichloromethane)	0.44 J
Cyclohexane	3.2
Dichlorodifluoromethane (CFC-12)	1.8 J
Ethylbenzene	2.3
Hexane	6.8
m,p-Xylenes	6.3
N-Heptane	3.9
n-Propylbenzene	0.31 J
o-Xylene	2.9
Styrene	2.2
Tert-Butyl Alcohol (tert-Butanol)	11 J
Tetrachloroethene	0.33 J
Toluene	4.8
Trichlorofluoromethane (CFC-11)	1.3

SV-04	SV-04 08/29/2024 200-74970-4
VOCs	
1,1,1-Trichloroethane	1.6
1,2,4-Trimethylbenzene	3.5
1,3,5-Trimethylbenzene	1.1
1,4-Dichlorobenzene	0.55 J
1,4-Dioxane	0.46 J
2,2,4-Trimethylpentane	1.1
2-Butanone (Methyl Ethyl Ketone)	3.6
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	0.72 J
Acetone	26
Benzene	0.71
Butane	1.4
Carbon disulfide	9
Chlorobenzene	1.7
Chlorodifluoromethane	0.59 J
Chloroform (Trichloromethane)	0.38 J
Cyclohexane	1.4
Cymene (p-Isopropyltoluene)	0.5 J
Dichlorodifluoromethane (CFC-12)	2 J
Ethylbenzene	1.8
Hexane	0.96 J
Isopropylbenzene (Cumene)	0.83 J
m,p-Xylenes	5.1
Methylene chloride (Dichloromethane)	0.69 J
N-Heptane	1.6
n-Propylbenzene	0.47 J
o-Xylene	2.8
Styrene	0.76 J
Tert-Butyl Alcohol (tert-Butanol)	30
Tetrachloroethene	0.72 J
Toluene	5.6
Trichlorofluoromethane (CFC-11)	1.2
Trifluorotrichloroethane (Freon 113)	0.46 J

SV-02	SV-02 08/29/2024 200-74970-2
VOCs	
1,1,1-Trichloroethane	1.8 J
1,2,4-Trimethylbenzene	3.1
1,3,5-Trimethylbenzene	0.96 J
2,2,4-Trimethylpentane	0.49 J
2-Butanone (Methyl Ethyl Ketone)	3
Acetone	74
Benzene	0.45 J
Carbon disulfide	1.7 J
Chlorobenzene	0.51 J
Chlorodifluoromethane	0.85 J
Chloroform (Trichloromethane)	1.8 J
Dichlorodifluoromethane (CFC-12)	2.9 J
Ethylbenzene	0.93 J
m,p-Xylenes	3.3 J
o-Xylene	1.9
Styrene	0.54 J
Tert-Butyl Alcohol (tert-Butanol)	39
Tetrachloroethene	0.71 J
Toluene	4.2
Trichloroethene	0.36 J
Trichlorofluoromethane (CFC-11)	2200 D

SV-03	SV-03 08/29/2024 200-74970-3
VOCs	
1,3-Butadiene	0.17 J
1,4-Dichlorobenzene	0.66 J
2,2,4-Trimethylpentane	1.1
2-Butanone (Methyl Ethyl Ketone)	3.7
Acetone	49
Benzene	1.5
Butane	4.9
Carbon disulfide	8.4
Chlorobenzene	1.4
Chlorodifluoromethane	0.42 J
Chloroform (Trichloromethane)	17
Chloromethane (Methyl Chloride)	1.1
Cyclohexane	1.6
Cymene (p-Isopropyltoluene)	2.7
Dichlorodifluoromethane (CFC-12)	1.7 J
Ethylbenzene	1.8
Hexane	1.6 J
m,p-Xylenes	5.3
Methylene chloride (Dichloromethane)	0.64 J
N-Heptane	1.5
n-Propylbenzene	0.46 J
o-Xylene	2.6
Styrene	0.8 J
Tert-Butyl Alcohol (tert-Butanol)	29
Tetrachloroethene	1.1 J
Toluene	16
Trichlorofluoromethane (CFC-11)	2.7
Trifluorotrichloroethane (Freon 113)	0.43 J

WILLIAM STREET

SV-05	SV-05 08/29/2024 200-74970-5
VOCs	
1,2,4-Trimethylbenzene	2.5
1,3,5-Trimethylbenzene	0.49 J
1,3-Butadiene	0.14 J
1,3-Dichlorobenzene	2.7
2,2,4-Trimethylpentane	6.2
2-Butanone (Methyl Ethyl Ketone)	26
2-Hexanone (Methyl Butyl Ketone)	2.4
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	0.38 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	4.7
Acetone	67
Benzene	3.8
Butane	130 D
Carbon disulfide	5.9
Chlorobenzene	1.6
Chlorodifluoromethane	0.79 J
Chloroform (Trichloromethane)	0.22 J
Chloromethane (Methyl Chloride)	0.35 J
Cyclohexane	3.1
Cymene (p-Isopropyltoluene)	3.1
Dichlorodifluoromethane (CFC-12)	1.7 J
Ethylbenzene	11
Hexane	7.5
Isopropyl Alcohol (2-Propanol)	210 D
Isopropylbenzene (Cumene)	0.67 J
m,p-Xylenes	30
Methyl methacrylate	0.95 J
Methylene chloride (Dichloromethane)	1 J
N-Heptane	6.3
n-Propylbenzene	0.33 J
o-Xylene	9.5
Styrene	1
Tert-Butyl Alcohol (tert-Butanol)	18
Tetrachloroethene	9.3
Tetrahydrofuran	7.2 J
Toluene	8.4
Trichlorofluoromethane (CFC-11)	40

LEGEND

- 5-FT LEAD DELINEATION STEP-OUT
- △ SOIL VAPOR POINT
- ⊕ SOIL BORING
- ⊕ GROUNDWATER MONITORING WELL
- ⊕ SUSPECTED UNDERGROUND STORAGE TANK (UST) TEST PIT
- ▭ PREVIOUS SITE BOUNDARY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY POST BCA AMENDMENT

NOTES

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- ALL DETECTED ANALYTES SHOWN ON FIGURE.
- SOIL VAPOR ANALYSIS – VOLATILE ORGANIC COMPOUNDS (VOCs)
- RESULTS ARE DISPLAYED IN MICROGRAMS PER CUBIC METER ($\mu\text{g}/\text{M}^3$)
- ASSESSOR PARCEL DATA SOURCE: ORANGE COUNTY GIS
- AERIAL IMAGERY SOURCE: NEARMAP, 24 MARCH 2024



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HALEY
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58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SOIL VAPOR DATA MAP

OCTOBER 2024

FIGURE 7

 SITE BOUNDARY POST BCA AMENDMENT

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ORANGE COUNTY GIS
3. SENSITIVE RECEPTOR DATA SOURCE: MULTI-AGENCY EFFORT OF NEW YORK STATE
4. BASE MAP SOURCE: ESRI



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58-60 WILLIAM STREET
NEWBURGH, NEW YORK

SENSITIVE RECEPTOR MAP

APRIL 2025

FIGURE 8