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NYSDEC BROWNFIELD CLEANUP PROGRAM
REMEDIAL INVESTIGATION REPORT

STANDARD GAGE & COAL STORAGE SITE
NYSDEC SITE #C314131
58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

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1.0 INTRODUCTION

The Standard Gage and Coal Storage Brownfield Cleanup Program site (BCP Site #C314131) (the “BCP Site”) consists of two (2) tax parcels totaling 2.466 acres located at 58 Parker Avenue (Tax Parcel #131300-6162-62-148369-0000) and 164 Garden Street (Tax Parcel #131300-6162-54-177385-0000) in the City of Poughkeepsie, Dutchess County, New York (Figures 1 & 2).

The planned redevelopment of the BCP Site will entail an adaptive reuse and re-development of the BCP Site and its on-site structures to the extent feasible. Results of the final remedial investigation will ultimately dictate demolition of the on-site structures.

Preliminary design of the 58 Parker Avenue Parcel includes:

- 30,000 sq. ft. of Scenic Hudson office space (could be less depending on layout);
- 5,000 sq. ft. Parks Maintenance/shop space;
- 10,000 sq. ft. core + shell, ready for fit-up for specified community use;
- Outdoor spaces focus on connecting public / staff experience to the Fall Kill Creek Walkway, Dutchess Rail Trail, CSX Rail Spur; &
- Parking lot rehabilitation for staff/public use.

Preliminary design of the 164 Garden Street Parcel includes a new compatible use to compliment the Poughkeepsie northside residents, Walkway Over the Hudson visitors, and the new Scenic Hudson office on the Parker Avenue Parcel. Current ideas include a bike shop, café, or possible brewery. The BCP Site is split between two (2) zoning districts – the 58 Parker Avenue Parcel is zoned in the G-CM (Gateway Commercial Mixed-Use) district and the 164 Garden Street Parcel is zoned in the G-OM (Gateway Office Manufacturing) district. Both districts are consistent with the proposed use, since each district permits office space, community squares, greenways, and recreational uses.

Partridge Venture Engineering, PC, dba PVE Engineering (PVE) prepared a Remedial Investigation Work Plan (RIWP) dated June 24, 2020 (Revised December 17, 2020) which was approved by NYSDEC on December 17, 2020.

In accordance with DER-10 3.1(c)1, the purpose of a Remedial Investigation (RI) is to:

- Delineate the lateral and vertical extent of contaminants in all media at or emanating from the site;
- Determine the surface and subsurface characteristics of the site, including topography, geology and hydrogeology, including depth to groundwater and depth to bedrock;
- Identify the sources of contamination, the migration pathways, and actual or potential receptors of contaminants on or through air, soil, bedrock, sediment, groundwater, surface water, utilities, and structures at a contaminated site, without regard to property boundaries;
- Collect and evaluate all data necessary to evaluate the actual and potential threats to public health and the environment. This includes evaluating all current and future potential public health exposure pathways (a Qualitative Human Health Exposure Assessment) as well as potential impacts to biota; &



- Collect the data necessary to evaluate any release to an environmental medium and develop remedial alternative(s) to address the release.

These requirements can be summarized into the following goals for the RI:

- Characterize the lateral and vertical extent of contaminants in the BCP Area to the degree necessary to evaluate the human health and ecological risks and to develop a remedy to reduce these risks;
- Document the sources of contaminants in the BCP Area, including a preliminary evaluation of ongoing sources of contaminants that need to be addressed so that a sustainable remedy can be developed and implemented; &
- Determine the human health and ecological risks from exposure to contaminants.

This Remedial Investigation Report (RIR) describes the activities used to characterize site-related contamination identified during prior investigations and presents the results from the investigation.

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2.0 SITE DESCRIPTION AND HISTORY

The BCP Site is located at 58 Parker Avenue and 164 Garden Street, City of Poughkeepsie, Dutchess County, New York.

The surrounding property uses around the Parker Avenue Parcel include:

- to the North/Northwest, a vacant commercial property
- to the North, a state park
- to the North/Northeast, a junkyard
- to the East, a vacant CSX property
- to the Southeast, an industrial site, a storage facility, a restaurant, and a parking lot
- to the East/South, a parking lot
- to the South, a single-family residence and two vacant residential properties
- to the West, a single-family residence and a two-family residence

The surrounding property uses at the Garden Street Parcel include:

- to the North, a junkyard and a storage facility
- to the Northeast, a storage facility
- to the East, a mini-mart
- to the Southeast, a storage facility
- to the South, a vacant industrial property

The BCP Site located at 58 Parker Avenue contains dilapidated and abandoned, former manufacturing facility (2-3 stories) and various out-buildings. The BCP Site located at 164 Garden Street contains a single-story vacant commercial structure and paved parking area.

2.1 HISTORIC USE

The earliest available record depicting the subject property, the 1913 Sanborn Map, depicts the Anchor Bolt & Nut Company, a manufacturer of Farming Tools, Bolts and Nuts on the 58 Parker Avenue property. A 1-story coal shed was adjoined to a blacksmith shop in the east/central portion of the same parcel at this time. To the east of this blacksmith, was a 1-story unlabeled structure and a 1-story paint shop. The central 2-story structure is labeled "Iron Working 1st" and "Wood Working 2nd" (Mill Construction). The structure is depicted as heated via steam, from fuel, coal and waste. A structure labeled "lumber shed" is located on the west portion of the Parcel. A railroad spur is depicted entering the Parcel from the east and terminating at the northern edge of the 2-story manufacturing structure.

At 164 Garden Street, a 2-story structure labeled R.B. Kelley & Son Coal Elevator is depicted on the 1913 Sanborn Map. A railroad spur is depicted entering the lot from the southeast and terminating at the coal elevator. Two (2) 1-story structures are depicted southeast of the main structure labeled as office and scales.

In 1936, Brookside Avenue was constructed along the southern boundary of 58 Parker Avenue. Additionally, one (1) large structure is depicted in a similar location to the present day vacant industrial structure on this Parcel. Structures are also depicted on 164 Garden Street parcel in



1936, but aerial photos from the timeframe were unclear. As of the 1940 aerial photos, a structure is more clearly depicted in the center of the subject property and additional structures are depicted along the northern portion of the lot along Parker Avenue.

By 1950, a factory labeled Standard Gage Co. Inc. is depicted on the 58 Parker Avenue parcel Sanborn Map, which included multiple 1- to 2-story structures labeled vault, carpenter shop, plating, heat treating and "STGE" for storage. Two (2) coal storage sheds are depicted along the northeastern portion of the lot. The northern portion of the structure, presumably an addition to the 2-story manufacturing structure, is shown be 3-stories. A parking lot is depicted in the northeastern corner. Standard Gage Co., Inc. operated on this parcel (which historically had the address of 70 Parker Avenue) for more than 50 years until approximately 2001 and is likely to be the source of most of the contamination on this Parcel. The company was a RCRA generator of ignitable waste, corrosive waste, halogenated solvents, wastewater treatment sludge from electroplating operations, spent cyanide, plating bath residues, spent stripping and cleaning bath solutions, quenching bath residues, quenching wastewater treatment sludges and soluble cyanide salts.

According to a site visit between PVE representatives and the former Plant Manager of the Standard Gage facility, an area directly south of the former heat-treating room was an earthen alleyway at the time Standard Gage operated on the Parcel. The Plant Manager indicated that spent cyanide was disposed of onto the ground, in this former alley. Additionally, this Plant Manger identified the location of a former floor drain, which was subsequently plugged with concrete in the southeastern corner of a storage room (north of transformer room), into which spent solvents were discharged.

In 1950, the 164 Garden Street parcel was still being operated as a coal storage facility, which included four (4) structures labeled "STGE" (2-story), "ACNRS" (1-story), "OFF.", and "SCALES" (1-story) in the northern corner of the lot according to the applicable Sanborn Map. Three (3) 34' coal silos were still located in the center of the property. A coal elevator remained on the west portion of the property. However, the former office and scale structures along the eastern boundary were no longer present as of 1950. In 1970, the coal elevator operations appear to have ceased according to Sanborn Maps, and a structure, similar in size and footprint to the present-day structure appears on the applicable map. TEK Bearing Co, Inc. appears to have been the operator of this structure on the 164 Garden Street parcel from 1970 to 1980 during ownership of the Parcel by Mayhill Corp. From approximately 1980 through 2014, Harmon and Castella Printing was operating in the bearing warehouse structure. By 1984, all of the former coal related structures had been removed on the 164 Garden Street parcel except the bearing warehouse building. In 2010, this property was shared by two (2) companies, Harmon and Castella Printing and Castle HRS Drawn Carriage SVC. The structure is currently vacant.

2.2 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Relevant reports are summarized below in chronological order. These reports are attached in Appendix D of the RIWP.



2.2.1 Tank Closure Site Assessment and Spill Closure Report, *Ecosystem Strategies, Inc.*, July 30, 2008

Ecosystem Strategies, Inc. (ESI) prepared a Tank Closure Site Assessment and Spill File Closure Report, dated July 30, 2008, for the portion of the BCP Site located at 164 Garden Street in accordance with standard industry practices and NYSDEC protocols. Two (2) 1,000-gallon heating oil underground storage tanks (USTs) and one (1) 550-gallon UST were uncovered and removed from the subsurface. During their removal, minor petroleum contaminated soil (PCS) was observed in each excavation and pitting was observed in the 1,000-gallon USTs. NYSDEC Spill #0804049 was issued in response to these field observations on July 8, 2008.

Approximately 16-tons of PCS was excavated and disposed of off-site; post-excavation soil samples were collected from each excavation; benzo(a)pyrene was detected at a concentration exceeding TAGM 4046 recommended soil cleanup objectives (SCOs). ESI indicated this compound was likely related to fill materials identified during tank removal and not related to petroleum impacts. ESI concluded their report by requesting no further action or remediation and that the NYSDEC Spill file be closed. Subsequently, NYSDEC Spill #0804049 was closed on July 31, 2008.

2.2.2 Phase I Environmental Site Assessment, *Environmental Affiliates, Inc.*, November 11, 2019

Environmental Affiliates, Inc. (EAI) completed a Phase I Environmental Site Assessment (ESA), dated November 11, 2019, for the portion of the BCP Site located at 164 Garden Street in accordance with ASTM E-1527-13, for the purpose of identifying recognized environmental conditions (RECs) with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products on the subject property. While no RECs were identified in association with the subject property, EAI did recommend that on-site USTs located at the 164 Garden Street parcel be registered with the NYSDEC and tank tightness tests be performed.

2.2.3 Phase I Environmental Site Assessment, *PVE Engineering*, January 16, 2020

PVE completed a Phase I ESA, dated January 16, 2020, in accordance with ASTM E-1527-13, for the purpose of identifying RECs with respect to the range of contaminants within the scope of the CERCLA and petroleum products on the subject property. The following RECs were identified:

1. As indicated in Section 3.3 (Hazardous Waste Generation), Section 6.4 (Fire Insurance Maps), and Section 6.7 (Summary of General Property Use and History), of the report, the historic use of 58 Parker Avenue as the Standard Gage factory, and other manufacturing operations was considered a REC. Hazardous wastes are known to have been generated at the Site, including the following: ignitable waste, corrosive waste, halogenated solvents, wastewater treatment sludge from electroplating operations, spent cyanide, plating bath residues, spent stripping and cleaning bath solutions, quenching bath residues, quenching wastewater treatment sludges and soluble cyanide salts. This property received a violation for the handling of these wastes while the plant was in operation. The mishandling or release of chemicals such as these have the potential to



contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.

2. As indicated in Section 6.6 (Other Records and Interviews) of the report, the subject property located at 58 Parker Avenue was associated with a 10,000-gallon UST located in the northern parking area. According to the former Plant Manager, Steve Forschler, this UST was removed, and no indication of contaminated soil was present at the time of tank closure. However, based on the lack of tank closure documentation or post-excavation soil sampling results, PVE considered this former UST to represent a REC.
3. As indicated in Section 6.4 (Fire Insurance Maps), Section 6.5 (City Directories) and Section 6.7 (Summary of General Property Use and History), of the report, the historic use of 164 Garden Street as a coal distributor (R.B. Kelley & Son) and Bearing manufacturer was considered a REC. The mishandling or release of chemicals such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.
4. As indicated in Section 3.6 (Petroleum and Hazardous Materials Releases), of the report, the adjoining property to the east at 154 Garden Street is associated with an open Spill file (#1810705). The spill was reported on December 20, 2018; soil samples collected from three (3) soil borings contained elevated concentrations of toluene. Reportedly, no non-aqueous phase liquid (NAPL) or groundwater were encountered. A spill closure report was submitted to the NYSDEC on July 9, 2019. No additional information was provided, and the Spill file remains open and PVE considered this spill to represent a REC.
5. As indicated in Section 6.4 (Fire Insurance Maps), of the report, the historic use of adjoining and nearby properties as railroads yards, industrial facilities, junkyards, auto facilities, coal manufacturing and storage, and parking lots/garages was considered a REC. The mishandling or release of chemicals such as these have the potential to contaminate soil and/or groundwater and ultimately soil vapor quality at the subject property, creating a potential vapor intrusion condition.

2.2.4 Phase II Environmental Site Assessment, PVE Engineering, April 9, 2020

PVE performed a Phase II ESA of the BCP Site located at 58 Parker Avenue and 164 Garden Street in addition to a vacant parking lot located north of 58 Parker Avenue and off-site impacts to the south of 58 Parker Avenue.

Scope

A total of twenty-one (21) soil borings were completed via GeoprobeTM and/or conventional drilling rig fitted with hollow-stem augers; sixteen (16) borings were installed within the 58 Parker Avenue parcel, four (4) borings within the 164 Garden Street parcel. One (1) boring was completed within the vacant parking parcel north of 58 Parker Avenue, which is not a portion of the BCP Site. Soil borings were installed to a maximum depth of 12-feet, to groundwater, or to refusal, whichever was encountered first. Soil samples were selected in the field biased to



obvious field indications of contamination, above the water table (if encountered) or above suspected bedrock. Soil samples were collected, containerized in laboratory provided glassware and submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory to be analyzed for some or all of the following: NYSDEC Commissioner's Policy-51 (CP-51) and Target Compound List (TCL) Volatile Organic Compounds (VOCs); CP-51 Semi-Volatile Organic Compounds (SVOCs); Target Analyte List (TAL) Metals, including hexavalent chromium and cyanide; and Polychlorinated Biphenyls (PCBs) via their respective United States Environmental Protection Agency (USEPA) methods.

Groundwater was encountered in unconsolidated soils in six (6) of the twenty-one (21) soil borings at varying depths ranging from 7.0 to 11.0-feet below ground surface (bgs). Groundwater was encountered in unconsolidated soils in all four (4) of the borings completed at 164 Garden Street. Groundwater was encountered in two (2) of fifteen (15) locations immediately above bedrock with insufficient quantities to construct and sample groundwater monitoring wells at 58 Parker Avenue; groundwater appears to be laterally discontinuous, and its presence may be partially controlled by depth to bedrock and topography.

Two (2) of the twenty-one (21) soil borings, both located within the 164 Garden Street parcel, were completed as temporary monitoring wells constructed with 1-inch diameter Schedule-40 PVC slotted and riser piping. Refusal, presumably due to bedrock, was encountered in twelve (12) of the twenty-one (21) soil borings (mostly located within the 58 Parker Avenue parcel) at varying depths from 1.5 to 13.5-feet bgs. A total of ten (10) conventional monitoring wells consisting of 2-inch diameter Schedule-40 PVC slotted and riser piping were installed via CME drilling rig, across both lots. Eight (8) of these locations, all of which were located within the boundary of the parcel at 58 Parker Avenue, were completed in bedrock; the remaining two (2) monitoring wells were completed in unconsolidated sediments at the 164 Garden Street parcel. Each conventional monitoring well was backfilled with clean sand around the annulus of the screened interval. A bentonite seal was installed from the top of the screened interval to a depth approximately 1-foot below ground surface, and the well was completed with a flush-to-grade curb-box set in concrete. Monitoring wells were developed at the time of drilling by surging and pumping each well to remove drilling fluids and sediment from the well and filter pack. 24-hours after development, each monitoring well was sampled following USEPA low-flow (minimal drawdown) sampling procedures using a peristaltic pump and dedicated tubing once physical parameters had stabilized (temperature, pH, ORP, turbidity and conductivity). Groundwater samples were dispensed into laboratory provided glassware and submitted to a NYSDOH ELAP-certified laboratory to be analyzed for some or all of the following: CP-51 & TCL VOCs; CP-51 SVOCs; PCBs; and TAL Metals (total and dissolved) including hexavalent chromium and cyanide.

A total of fourteen (14) sub-slab vapor sample implants were installed and sampled; twelve (12) implants were installed within the 58 Parker Avenue structure and the remaining two (2) were installed in the 164 Garden Street parcel. Additionally, a total of three (3) radon samples were collected from breathing height within the 164 Garden Street structure over a 48-hour period in accordance with USEPA's recognized Standards of Practice outlined in American National Standards Institute/American Association of Radon Scientists and Technologists



(ANSI/AARST's) Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings.

Analytical Results

58 Parker Avenue Parcel

Soil Results Exceeding Applicable SCOs:

SVOCs exceeding Commercial Soil Cleanup Objective (CSCO) as defined in 6 NYCRR Part 375:

- Benzo(A)Pyrene in five (5) borings between 1.2 and 18 mg/kg exceeded the CSCO of 1 mg/kg to depths of up to 1-9 ft bgs.
- Dibenz(A,H)Anthracene in three (3) borings between 0.57 and 3.3 mg/kg exceeded the CSCO of .56 mg/kg to depths of up to 1-9 ft bgs.
- Benzo(A)Anthracene in one (1) boring at 20 mg/kg exceeded the CSCO of 5.6 mg/kg to depths of up to 1-3 ft bgs.
- Benzo(B)Fluoranthene in one (1) boring at 15 mg/kg exceeded the CSCO of 5.6 mg/kg to depths of up to 1-3 ft bgs.
- Indeno(1,2,3-C,D)Pyrene in one (1) boring at 13 mg/kg the CSCO of 5.6 to depths of up to 1-3 ft bgs.

SVOCs exceeding Industrial Soil Cleanup Objective (ISCO) as defined in 6 NYCRR Part 375:

- Benzo(A)Pyrene at 1.2 to 2.7 mg/kg exceeded the ISCO of 1.1 mg/kg to depth of up to 1-9 ft bgs.
- Benzo(A)Anthracene at 20 mg/kg exceeded the ISCO of 11 mg/kg to depths of up to 1-3 ft bgs.
- Benzo(B)Fluoranthene: 15 mg/kg exceeded the ISCO of 11 mg/kg to depths of up to 1-3 ft bgs.
- Dibenz(A,H)Anthracene: 3.3 mg/kg exceeded the ISCO of 1.1 mg/kg to depths of up to 1-9 ft bgs.
- Indeno(1,2,3-C,D)Pyrene: 13 mg/kg exceeded the ISCO of 11 mg/kg to depths of up to 1-3 ft bgs.

PCBs exceeding CSCO included:

- PCB-1254 (Aroclor 1254) in one (1) boring at 2.65 mg/kg exceeded the CSCO of 1 mg/kg.

Groundwater Exceeding Applicable Groundwater Quality Standards:

VOCs exceeding Class GA Groundwater Quality Standards (GQS) as defined in 6 NYCRR Part 700-705:

- Trichloroethylene (TCE) from 7.6 to 38 ug/l exceeded the GA GQS of 5 ug/l.

Metals exceeding Class GA GQS included:



- Chromium, Total from 0.141 to 0.511 mg/l exceeded the GA GQS of 0.05 mg/l.
- Manganese at 0.433 to 4.35 mg/l exceeded the GA GQS of 0.3 mg/l.
- Sodium at 97.6 to 127 mg/l exceeded the GA GQS of 30 mg/l.
- Iron at 0.489 to 29.2 mg/l exceeded the GA GQS of 0.3 mg/l.
- Selenium at 19.6 mg/l exceeded the GA GQS of 10 mg/l.

Soil Vapor Requiring Mitigation:

VOCs exceeding Decision Matrices established in NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and subsequent 2017 amendments) included:

- 1,2-Dichloroethylene at 250 to 1,700 ug/m³ exceeded the NYSDOH Decision Matrices of >60 ug/m³.
- Tetrachloroethylene (PCE) at 4,300 ug/m³ exceeded the NYSDOH Decision Matrices of >1,000 ug/m³.
- Trichloroethylene (TCE) at 200 to 2,100 ug/m³ exceeded the NYSDOH Decision Matrices of >60 ug/m³.

164 Garden Street Parcel

Soil Results Exceeding Applicable SCOs:

Metals exceeding CSCO included:

- Lead in one (1) boring at 1,750 mg/kg exceeded the CSCO of 1,000 mg/kg to depths of up to 9-11 ft bgs.

Groundwater Exceeding Applicable Groundwater Quality Standards:

VOCs exceeding Class GA GQS included:

- 1,2,4-Trimethylbenzene at 50 ug/l exceeded the GA GQS of 5 ug/l.
- 1,3,5-Trimethylbenzene (Mesitylene) at 5.4 ug/l exceeded the GA GQS of 5 ug/l.
- Benzene at 11 ug/l exceeded the GA GQS of 1 ug/l.
- Ethylbenzene at 95 ug/l exceeded the GA GQS of 5 ug/l.
- Isopropylbenzene (Cumene) at 24 ug/l exceeded the GA GQS of 5 ug/l.
- M-P-Xylene at 30 ug/l exceeded the GA GQS of 5 ug/l.
- Naphthalene at 180 ug/l exceeded the GA GQS of 10 ug/l.
- N-Butylbenzene at 6.4 ug/l exceeded the GA GQS of 5 ug/l.
- N-Propylbenzene at 36 ug/l exceeded the GA GQS of 5 ug/l.
- Sec-Butylbenzene at 10 ug/l exceeded the GA GQS of 5 ug/l.
- Xylenes at 33 ug/l exceeded the GA GQS of 5 ug/l.

Radon Potentially Requiring Mitigation:

Three (3) radon samples were collected from the breathing height within the structure located at the Garden Street Parcel over a 48-hour period and submitted to EMSL Analytical Inc. for analysis and comparison to the USEPA's recognized Standards of Practice outlined in American



National Standards Institute/American Association of Radon Scientists and Technologists (ANSI/AARST's) Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings. All three (3) radon samples exceeded the recommended mitigation level of 4 pCi/L; in sample #1 (9.8 pCi/L), sample #2 (11.3 pCi/L) and sample (13.6 pCi/L).

2.2.5 Pre-Demolition PCB Report/Pre-Demolition LBP Report/Pre-Demolition Survey for ACM, *Quality Environmental Solutions & Technologies, Inc., January-February 2020*

Quality Environmental Solutions & Technologies, Inc. (QuES&T) completed surveys of the current structures located at the BCP site for the presence of PCBs, lead based paint (LBP) and asbestos containing materials (ACM) in building materials. The following was concluded:

58 Parker Avenue:

- Pre-Demolition PCB Report, *January 29, 2020*
 - Three (3) bulk PCB samples were collected from caulking material observed throughout the on-site structures. The bulk samples were submitted to a NYSDOH ELAP certified laboratory for analysis of PCBs; no PCBs were detected in any of the three (3) bulk samples analyzed.
- Pre-Demolition XRF Lead Survey, *February 3, 2020*
 - A total of ninety-eight (98) samples of painted surfaces throughout the on-site structures were analyzed by a certified technician utilizing X-Ray Fluorescence Technology (XRF). LBP was identified within the interior and along the exteriors of on-site structures.
- Hazard Evaluation Universal/Hazard/Regulated Wastes, *February 3, 2020*
 - PCB Survey: Suspected PCB-containing items include fluorescent bulbs and thermostats observed throughout the on-site structures.
 - Hazardous Waste/Materials Survey: Corrosive/Non-corrosive solutions were observed within on-site structures.
 - Universal/Miscellaneous Waste Materials Survey: Approximately four hundred thirty (430) fluorescent tubes/bulbs were observed throughout the on-site structures.
 - Miscellaneous Environmental Issues: One (1) hydraulic-oil operated elevator was observed within the main structure; the oils may contain PCBs.
- Pre-Demolition Survey for ACM, *February 3, 2020*
 - Three-hundred eighty-nine (389) samples/layers of installed and accessible suspect ACMs were analyzed by a NYSDOH ELAP certified laboratory. ACM was confirmed to be present within the interior and along the exteriors of on-site structures.

164 Garden Street:

- Pre-Demolition PCB Report, *January 29, 2020*
 - Two (2) bulk PCB samples were collected from caulking material observed throughout the on-site structures. The bulk samples were submitted to a NYSDOH ELAP certified laboratory for analysis of PCBs; no PCBs were detected in any of the three (3) bulk samples analyzed.
- Pre-Demolition XRF Lead Survey, *February 3, 2020*



- A total of twenty-three (23) samples of painted surfaces throughout the on-site structures were analyzed by a certified technician utilizing X-Ray Fluorescence Technology (XRF). No LBP was identified within or along the exterior of the on-site structure.
- Hazard Evaluation Universal/Hazard/Regulated Wastes, *February 3, 2020*
 - PCB Survey: Suspected PCB-containing items include fluorescent bulbs and thermostat observed within the on-site structure.
 - Hazardous Waste/Materials Survey: Miscellaneous cleaning chemicals were observed within the on-site structure.
 - Universal/Miscellaneous Waste Materials Survey: Approximately one hundred forty-four (144) fluorescent tubes/bulbs were observed throughout the on-site structure.
- Pre-Demolition Survey for ACM, *February 3, 2020*
 - One hundred and ninety-five (195) samples/layers of installed and accessible suspect ACMs were analyzed by a NYSDOH ELAP certified laboratory. ACM was confirmed to be present within the interior and along the exterior of on-site structure.

2.3 AREAS OF CONCERN

Based on the findings and conclusions of the previous environmental investigations, the following AOCs have been established.

AOC – 1	Floor Drains (58 Parker Avenue)
AOC – 2	Coal Elevator and Coal Storage (164 Garden Street)
AOC – 3	Petroleum Storage Tanks (164 Garden Street)
AOC – 4	Shallow Soil (Site-Wide)
AOC – 5	Soil Vapor (58 Parker Avenue)
AOC – 6	Groundwater Quality (Site-Wide)
AOC – 7	Hazardous Building Materials & Mold (Within and outside structures on both Parcels)

The following is a brief description of the findings in each AOC.

AOC – 1 Floor Drains (58 Parker Avenue)

As indicated in the 2019 PVE Phase I ESA, a total of seven (7) floor drains were observed throughout the structures located within the 58 Parker Avenue parcel; however, PVE cannot rule out the presence of additional floor drains hidden beneath debris or fill. Specifically, one (1) of the floor drains located in the southeast corner of the woodshop was historically utilized for the discharge of spent solvents utilized during manufacturing. Termination locations of the underground piping associated with these drains could not be determined with geophysical means. As indicated in the 2020 PVE Phase II ESA, elevated concentrations of chlorinated VOCs were detected in the soil, groundwater, and soil vapor in the vicinity of this drain.



AOC – 2 Coal Elevator and Coal Storage (164 Garden Street)

As indicated in the 2019 PVE Phase I ESA, historic Sanborn Maps and aerial photographs a coal elevator and storage silos were depicted on the 164 Garden Street parcel between 1913 and 1955. Coal fragments and coal ash were observed in one (1) of the four (4) soil borings completed within this parcel.

AOC – 3 Petroleum Storage Tanks (164 Garden Street)

As indicated in the 2019 PVE Phase I ESA, two (2) 1,000-gallon steel USTs and one (1) 550-gallon steel UST were formerly located along the southern and southwestern portion of the structure located at 164 Garden Street. These USTs were decommissioned and removed in 2008. During their closure/removal, petroleum contaminated soil (PCS) was encountered in each excavation; Spill #0804049 was issued by the NYSDEC in response to the release. A total of 16-tons of PCS were excavated and disposed of off-site and the Spill file was subsequently closed on July 31, 2008. One (1) 1,000-gallon UST and one (1) 500-gallon UST were subsequently reinstalled in each excavation pit for storage of heating fuel. As reported in the PVE 2020 Phase II ESA, PCS and contaminants in groundwater identified adjacent to the current 500-gallon UST.

AOC – 4 Shallow Soil (Site-Wide)

As indicated in the 2020 PVE Phase II ESA, fill consisting of crushed brick, coal and coal ash was observed in eight (8) of the twenty-one (21) soil borings in shallow soils, 0 to 2 feet bgs.

AOC – 5 Soil Vapor (58 Parker Avenue)

As indicated in the 2020 PVE Phase II ESA, a total of fourteen (14) soil vapor samples have been collected throughout the BCP Site: twelve (12) from within the 58 Parker Avenue parcel and two (2) from within the 164 Garden Street parcel. Samples collected from within the 164 Garden Street parcel did not contain VOCs at concentrations requiring mitigation, in accordance with NYSDOH guidance. However, VOCs were detected in those samples collected from 58 Parker Avenue requiring mitigation. Solvents historically used within the 58 Parker Avenue parcel during industrial operation appear to have impacted local soil, groundwater, and soil vapor quality.

AOC – 6 Groundwater Quality (Site-Wide)

As indicated in the 2020 PVE Phase II ESA, a total of ten (10) conventional 2-inch diameter groundwater monitoring wells and two (2) temporary 1-inch diameter groundwater monitoring wells were installed through the BCP Site. One (1) groundwater sample collected from a temporary well located at 164 Garden Street contained petroleum related compounds at concentrations exceeding Class GA GQS. Additionally, one (1) of the conventional wells located within the 164 Garden Street Parcel contained metals at concentrations exceeding Class GA GQS. All but one (1) of the conventional wells installed and sampled within the 58 Parker Avenue parcel contained one (1) or more metals at concentrations exceeding Class GA GQS. Six (6) of the ten (10) conventional wells located at, or down-gradient of, the on-site industrial structure contained chlorinated VOCs at concentrations exceeding Class GA GQS.



AOC – 7 Hazardous Building Materials & Mold (Both Parcels)

As indicated in QuES&T's 2020 pre-demolition surveys, LBP, ACM, and universal wastes have been identified throughout the interior and exterior of the on-site structures. The LBP surfaces identified were in poor condition in some locations. Friable ACM was observed throughout the 58 Parker Avenue parcel structures. The conditions of ACM ranged from significantly damaged to good.

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3.0 REMEDIAL INVESTIGATION ACTIVITIES

The RIWP, initially submitted to NYSDEC on June 24, 2020 (Revised December 17, 2020), was approved by NYSDEC on December 17, 2020. The RI was developed to characterize the BCP Site, assist in the design of site remediation, and support future development in accordance with the requirements of the BCP and DER-10.

3.1 RI FIELD WORK

The RI scope of work consisted of a geophysical survey and soil, groundwater and soil vapor sampling. Quality assurance/quality control (QA/QC) samples were collected, including trip blanks, field blanks, matrix spike/matrix spike duplicates, and field duplicates in accordance with New York State Analytical Services Protocol (ASP) for Category B deliverables. Field work was completed in accordance with the approved RIWP. Any deviations to the proposed work plans are described in the "Deviations" section of this report.

All RI field work was conducted in accordance with the Quality Assurance Project Plan (QAPP), Standard Operating Procedures (SOPs), Community Air Monitoring Program (CAMP), and the Health and Safety Plan (HASP) appended to the RIWP.

3.1.1 UTILITY MARKOUT/GEOPHYSICAL SURVEY

Prior to investigation activities, public and private utility mark-outs were conducted by Greenstar Environmental Solutions, LLC and City of Poughkeepsie Public Works within the investigation areas.

3.1.2 SOIL SAMPLING

Soil sampling locations are identified in Figure 4; soil boring logs are attached in Appendix A. Twenty-seven (27) soil borings were drilled using either a track-mounted direct-push Geoprobe™ rig equipped with 4 and/or 5-foot macro-core tubes, and/or hand tools. Reusable sampling materials were decontaminated in accordance with the approved RIWP preceding each sampling location. Soil borings were advanced to a maximum depth of 16-feet below ground surface (bgs) or to refusal. If refusal was encountered above the proposed final boring depth, the boring location was adjusted and re-drilled up to three (3) attempts. Multiple attempts due to shallow refusal (presumably on bedrock) were performed at the following soil borings:

- SB-22
- SB-24
- SB-25
- SB-26
- SB-27
- SB-28
- SB-29
- SB-30
- SB-31



- SB-32
- SB-42
- SB-43
- SB-45
- SB-46
- SB-48

All soil samples outlined in the RIWP were collected for analysis with the exception of two (2) planned deep interval borings at SB-42 and SB-46 due to shallow refusal (>2').

Field personnel documented subsurface conditions at each boring location, including screening soil samples for VOCs using a photoionization detector (PID) and headspace techniques. The project geologist kept a detailed log of each core, including lithology, grain size, stratigraphic changes, color, and occurrence of groundwater. Observations included the presence of potential contamination in soil samples based on odor, visual observations or PID readings.

Soil samples were collected from intervals defined in the RIWP. When the sample interval was not prescribed, the interval selected for laboratory analysis was based on field observations, including visual and olfactory indications of contamination, as well as direct instrument readings, and on the probable location of contamination. Soil samples were collected on December 8, 2020, December 9, 2020, December 18, 2020, December 21, 2020, and December 22, 2020.

Samples were analyzed for some or all of the following parameters:

- Target Compound List (TCL) VOCs by USEPA Method 8260c;
- TCL or PAH SVOCs by USEPA Method 8270D;
- Target Analyte List (TAL) Metals by USEPA Method 6010C & 7471;
 - Including cyanide and hexavalent chromium.
- TCL PCBs by USEPA Method 8082A;
- TCL Pesticides by USEPA Method 8081B;
- TCL Herbicides by USEPA Method 8051A;
- Emerging Contaminants: 1,4-Dioxane & Per- & Polyfluoroalkyl Substances (PFAS) by USEPA Method 8270D SIM & 537.1M.

All samples were analyzed by a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory providing Category B deliverables.

Upon completion of probing/drilling, each boring not used for the construction of a monitoring well was backfilled with native soil cuttings and sand to the ground surface where necessary.

3.1.3 GROUNDWATER SAMPLING

Groundwater sampling locations are identified in Figure 5; monitoring well construction diagrams and monitoring well purge logs are attached in Appendix B and Appendix C, respectively.



Groundwater in unconsolidated sediments was encountered in only four (4) of the twenty-seven (27) soil borings; a groundwater monitoring well was installed in three (3) of these four (4) locations. One (1) of the three (3) groundwater monitoring wells (MW-13) was installed in the eastern portion of the BCP Site at 58 Parker Avenue. The remaining two (2) monitoring wells (MW-11 and MW-12) were installed at 164 Garden Street. Monitoring wells were installed using a track-mounted Geoprobe™ drilling rig equipped with 4.25-inch diameter hallow stem augers (HAS) through to the top of bedrock elevation (presumed). Coring of bedrock was not completed, however, this depth is consistent with the depth to bedrock established during the 2019 Phase II ESA. The terms “termination depth” and “bottom of well installation depth” are synonymous with “depths to rock encountered”; rock/termination depths are summarized in the embedded table below. Depth to rock may, or may not, be equivalent to the top of bedrock.

Monitoring wells were constructed with 2-inch ID Schedule 40 PVC slotted (0.01-inch) piping and solid riser from the bottom of each boring to the ground surface. Annular space surrounding the screened interval of the monitoring wells was backfilled with sand; the remaining annular space was back filled with hydrated bentonite to near the surface, and completed with a steel casing grouted in-place and locking cap. Groundwater monitoring well locations, dates of drilling and depths, including depth to water at time of drilling (ATD) are displayed below.

Location/ID	Date of Drilling	Termination Depth (bgs)	Occurrence of Groundwater ATD (bgs)
MW-11	12/21/2020	19-feet	7.8-feet
MW-12	12/21/2020	16-feet	12.4-feet
MW-13	12/22/2020	19-feet	10.44-feet

Following installation, each groundwater monitoring well was developed in order to remove fine-grained sediment from within the well. A surge and pump method was used to develop the wells prior to sample collection. Water samples were then collected from each monitoring well utilizing low-flow (minimal drawdown) sampling techniques and equipment with dedicated HDPE tubing in accordance with the approved RIWP. Prior to sample collection, depth to groundwater was measured to the nearest 0.01-foot and recorded. Exterior monitoring wells were purged until temperature, pH, turbidity, ORP, dissolved oxygen and conductivity had stabilized (See Appendix C for Monitoring Well Purge Logs).

Samples were analyzed for some or all of the following parameters:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL Metals by USEPA Method 6010C & 7471;
 - Including cyanide and hexavalent chromium;
 - Field filtered and totals;
- TCL PCBs by USEPA Method 8082A;
- TCL Pesticides by USEPA Method 8081B;
- TCL Herbicides by USEPA Method 8051A; &



- Emerging Contaminants: 1,4-Dioxane & PFAS by USEPA Method 8270D SIM & 537.1M.

The top-of-casing elevation of each well was surveyed to the nearest 0.01-foot by a NYS-licensed surveyor on March 9, 2021 (See Table 5). Depth-to-water measurements were collected from all of the monitoring wells to develop a groundwater contour map (Figure 7A-7B).

3.1.4 VAPOR SAMPLING

Vapor sampling locations are identified in Figure 6. Vapor sampling logs are attached in Appendix D.

Sub-slab vapor points were installed in accordance with the NYSDOH Guidance for temporary sub-slab vapor sample probes. In general, the vapor probes were installed via Geoprobe to a depth of 5-feet bgs. Soils bgs consisted of silts/sands/clays and gravels.

Boreholes were drilled using a 54LT Geoprobe™ equipped with a 2 1/4" direct push macro-core; tubing was advanced to a maximum of 5-feet below the grade surface. Non-VOC containing clay was used to seal the annular space around the tubing to the surface. A helium tracer test was conducted at each soil vapor probe to ensure sufficient seal at the surface. Immediately prior to sample collection, sub-slab vapor points were purged of 1 to 3 volumes at a rate that did not exceed 0.2 L/min.

Vapor samples were collected in laboratory-supplied, batch certified-clean Summa canisters calibrated for a sampling period of 2 hours at a flow rate not to exceed 0.2 L/min. Vapor ports were installed and sampled on December 23, 2020. Vapor sample canisters were submitted to a NYSDOH ELAP-certified laboratory for analysis of VOCs via USEPA Method TO-15.

3.1.5 DEVIATIONS

Any deviations are explained below:

- Two (2) of the proposed groundwater monitoring wells proposed on the 58 Parker Avenue portion of the BCP Site were neither installed, and therefore not sampled, due to lack of groundwater in unconsolidated sediments overlying bedrock.
- Two (2) planned deeper interval soil samples (>2-feet) were not able to be collected from SB-42 and SB-46 due to shallow refusal on rock.
- Three (3) of the proposed soil borings were relocated approximately 25-feet from the proposed location due to obstructions identified during site activities.

3.1.6 ADHERENCE TO HASP, QAPP, AND CAMP

The RIWP was implemented in accordance with the procedures specified in PVE's HASP, QAPP, SOP and CAMP appended to the RIWP. PVE personnel supervised all Site activities. No downwind measurements of dust or VOCs were detected at concentrations exceeding the



upwind measurements and warranting additional actions. CAMP data is appended to each respective Daily Field Report in Appendix E.

3.1.7 INTERIM REMEDIAL MEASURE WORK PLAN – 164 GARDEN STREET USTs

PVE prepared an Interim Remedial Measure Work Plan (IRMWP) dated October 22, 2020 (revised November 16, 2020) describing procedures for the removal of USTs located along the exterior of 164 Garden Street (See Appendix J). As indicated in Section 2.3 above, the property at 164 Garden Street utilizes one (1) 1,000-gallon heating oil UST and one (1) 550-gallon heating oil UST; both USTs are currently used for fueling on-site furnaces. The IRMWP was accepted by the NYSDEC on November 16, 2020 (See Appendix K).

The Volunteer has not elected to proceed with this IRM and has continued operation of these USTs to continue to heat the space and prevent any further damage to the on-site structure (frozen pipes and water leaks). On March 1, 2021, Tank Tightness Tests (TTT) were performed on both USTs to confirm their integrity prior to filling with additional heating oil. Both USTs passed their respective EZY 3 Locator Plus test and were subsequently filled for heating use (See Appendix L). IRM activities are still on hold by the date of this RIR.

3.1.8 SITE SECURING AND BIOLOGICAL HAZARDOUS MATERIAL REMOVAL

Prior to the ACM abatement discussed in Section 3.1.9 below, PVE was contracted by the Volunteer to secure ingress and egress points throughout the on-site structures utilized by trespassers. Details to local housing resources were posted around the property and broken doorways and windows secured with plywood. PVE contracted with Specialty Disposal Services, Inc. to pack and properly dispose of the used syringes located throughout the interior of 58 Parker Avenue (See Appendix M).

3.1.9 HAZARDOUS BUILDING MATERIALS ABATEMENT

The Volunteer contracted with Beam Enterprises Inc. to perform the abatement of ACM and QuES&T to perform 3rd party air monitoring. With the exception of roofing materials, all building materials identified in 58 Parker Avenue and 164 Garden Street as ACM in QuES&T's 2020 surveys were properly abated in accordance with New York State Industrial Code Rule 56 and New York State Department of Labor approved variances. Abatement and 3rd party air monitoring activities occurred between December 10, 2020 and March 8, 2021. See Appendix N for ACM Abatement Close-Out documentation.

To prevent further damage and degradation to the on-site structures, abatement of the roofs identified as ACM will occur when a final redevelopment plan is established, and a roofing contractor can patch or replace abated roofs concurrently with abatement.



4.0 REMEDIAL INVESTIGATION RESULTS

Summarized below are the physical observations and analytical results of this RI. Analytical data are presented in the attached tables and are summarized below.

4.1 PHYSICAL CHARACTERISTICS and FIELD OBSERVATIONS

Field observations were documented during the collection of soil samples from soil boring locations. Observations made during drilling of soil borings, not reflected in the analytical results, are described below.

4.1.1 SOIL BORING OBSERVATIONS

The following subsections present a summary of soil boring observations. Stratigraphy and refusal depth are based upon the boring logs in Appendix A.

Subsurface sediments throughout the BCP Site were comprised of silts/sands/clays and gravels. Instances of fill material comprised of brick, coal fragments and/or coal ash were observed in eighteen (18) of the twenty-seven (27) soil borings installed throughout the BCP Site, most prominently in the upper 6-feet of unconsolidated sediments, but as shallow as 0.5-feet bgs and as deep as 15-feet bgs. PID readings of historic fill ranged from 3.0 to 5.0 parts per million (ppm) (average of 3.38 ppm). No strong olfactory observations were noted.

Depth to bedrock varied throughout the BCP Site ranging from 2-feet to 12-feet bgs. Groundwater in unconsolidated sediments was only encountered in five (5) of the twenty-seven (27) soil borings ranging in depth from 9.5-feet to 14-feet bgs.

See Appendix A for more information regarding soil boring observations.

4.1.2 DIRECTION OF GROUNDWATER FLOW

Depth-to-water measurements were collected on December 21, 2020 and December 22, 2020 from the three (3) groundwater monitoring wells installed between December 21, 2020 and December 22, 2020. The monitoring wells were surveyed by a NYS Licensed Surveyor on March 9, 2021. Surveyed elevations of the top of casing were used to prepare a contour map of the water table elevation (Figure 7A-7B). Groundwater located on the subject property appears to flow west/southwest in bedrock wells and east/south in overburden wells. Regionally, groundwater is presumed to west toward the Hudson River.

4.2 NATURE AND EXTENT OF CONTAMINATION – ANALYTICAL RESULTS

4.2.1 Standards, Criteria & Guidance

The analytical results were compared to existing NYS regulatory standards, criteria and guidance (SCGs).



Soil (surface and subsurface) analytical data were compared to Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Commercial Soil Cleanup Objectives (CSCOs) contained in Title 6 of the New York State Code of Rules and Regulations (6 NYCRR) Subpart 375-6.8, Remedial Program Soil Cleanup Objectives.

Groundwater analytical data were compared to standards contained in Title 6 of the New York State Code of Rules and Regulations (6 NYCRR) Subpart Part 703 Groundwater Standards and Guidance Values [NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) for the Ambient Water Quality Standards (Class GA) and Guidance Values and Groundwater Effluent Limitations dated June 1998 (Amended April 2000 and June 2004)].

Soil vapor analytical data were compared to the NYSDOH Decision Matrices (A, B & C) outlined in NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) and Revised in 2017.

Soil and groundwater samples were also compared to SCOs and Screening Levels described in NYSDEC's *Sampling, Analysis, and Assessment of Per- and Poly Fluoroalkyl Substances (PFAS) – Under NYSDEC's Part 375 Remedial Programs* dated January 2021.

4.2.2 SOIL RESULTS

Soil sample results were compared to 6 NYCRR § 375-6.8(a) UUSCOs and §375-6.8(b) CSCOs. Soil sampling locations are shown on Figure 4. UUSCO exceedances are depicted in Figures 8A and 8B. CSCO exceedances are depicted in Figures 9A and 9B. Analytical reports are attached in Appendix I.

Analytical results from the analysis of the soil samples are summarized below. A complete summary of analytical results is presented in Tables 1A through 1F and 2A through 2F. A total of twenty-seven (27) soil borings were drilled; between two (2) and five (5) soil samples were collected from each location (varying based on total depth) for a total of eighty-one (81) soil samples, including QA/QC soil samples (Field Duplicates & Matrix Spike/Matrix Spike Duplicates). A total of fifty-six (56) soil samples were collected from surface soils (0-2-feet bgs) and twenty (20) soil samples were collected from subsurface soils (>2-feet bgs).

Contaminant concentrations exceeding UUSCOs were detected in sixty-one (61) of the eighty-one (81) soil samples collected. Forty-four (44) soil samples contained contaminants at concentrations exceeding UUSCOs from between 0-2-feet bgs; seventeen (17) soil samples contained contaminants at concentrations exceeding UUSCOs from greater than 2-feet bgs.

Contaminant concentrations exceeding CSCOs were detected in twenty-one (21) of the eighty-one (81) soil samples collected. Seventeen (17) soil samples contained contaminants at concentrations exceeding CSCOs in soils collected from between 0-2-feet bgs; four (4) soil samples contained contaminants at concentrations exceeding CSCOs from greater than 2-feet bgs.

Soil samples and analytes exceeding SCOs are described below.



4.2.2.1 VOCs

Surface Soils (0-2-feet bgs):

VOCs were detected in thirty-three (33) of the fifty-six (56) surface soil samples collected and analyzed for VOCs. Only one (1) VOC (Acetone) was detected in three (3) surface soil sample at a concentration exceeding its respective UUSCO. This detection did not exceed its respective CSCO. It should be noted, Acetone is a common laboratory contaminant; these exceedances are not believed to be characteristic of the site. The exceedances are described below:

- SB-26 0-2" 20201208
 - Acetone (0.12 mg/kg)
- SB-27 0-2" 20201208
 - Acetone (0.072 mg/kg)
- SB-35 2-24" 20201218
 - Acetone (0.078 mg/kg)

Subsurface Soils (>2-feet bgs):

VOCs were detected in eleven (11) of the twenty (20) subsurface soil samples collected and analyzed for VOCs. Only one (1) VOC (Acetone) was detected in two (2) subsurface soil sample at a concentration exceeding its respective UUSCO. This detection did not exceed its respective CSCO. The exceedances are described below:

- SB-23 14-16' 20201221
 - Acetone (0.55 mg/kg)
- SB-34 10-12' 20201218
 - Acetone (0.065 mg/kg)

Maximum Detections of CSCO Exceedances: No VOCs were detected in any of the soil samples (surface or subsurface) collected at concentrations exceeding CSCOs.

4.2.2.2 SVOCs

Surface Soils (0-2-feet bgs):

SVOCs were detected in thirty-seven (37) of the fifty-six (56) surface soil samples collected and analyzed for SVOCs. One (1) or more SVOCs were detected in ten (10) surface soil samples at concentrations exceeding their respective UUSCOs. Additionally, one (1) or more SVOCs were detected in eight (8) surface soil samples at concentrations exceeding their respective CSCOs. UUSCO exceedances are described below - **Bold** font indicates those compounds also exceeding CSCOs:

- SB-25 0-2" 20201208
 - **Benzo(A)Anthracene (6.35 mg/kg)**
 - **Benzo(A)Pyrene (3.52 mg/kg)**
 - **Benzo(B)Fluoranthene (6.48 mg/kg)**
 - Benzo(K)Fluoranthene (4.09 mg/kg)



- Chrysene (4.91 mg/kg)
 - **Dibenz(A,H)Anthracene (1.41 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (2.64 mg/kg)
- SB-28 0-2" 20201208
 - **Benzo(A)Anthracene (7.20 mg/kg)**
 - **Benzo(A)Pyrene (4.92 mg/kg)**
 - Benzo(B)Fluoranthene (4.34 mg/kg)
 - Benzo(K)Fluoranthene (4.63 mg/kg)
 - Chrysene (6.16 mg/kg)
 - **Dibenz(A,H)Anthracene (1.07 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (3.03 mg/kg)
- SB-29 0-2" 20201222
 - **Benzo(A)Pyrene (1.15 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (1.02 mg/kg)
- SB-33 0-2" 20201218
 - Indeno(1,2,3-C,D)Pyrene (0.592 mg/kg)
- SB-37 0-2" 20201218
 - Benzo(A)Anthracene (1.47 mg/kg)
 - **Benzo(A)Pyrene (1.71 mg/kg)**
 - Benzo(B)Fluoranthene (1.01 mg/kg)
 - Benzo(K)Fluoranthene (0.993 mg/kg)
 - Chrysene (1.84 mg/kg)
 - Dibenz(A,H)Anthracene (0.378 mg/kg)
 - Indeno(1,2,3-C,D)Pyrene (0.877 mg/kg)
- SB-41 2-24" 20201218
 - Benzo(K)Fluoranthene (0.801 mg/kg)
 - Indeno(1,2,3-C,D)Pyrene (0.665 mg/kg)
- SB-43 0-2" 20201208
 - Benzo(A)Anthracene (2.16 mg/kg)
 - **Benzo(A)Pyrene (1.50 mg/kg)**
 - Benzo(B)Fluoranthene (1.68 mg/kg)
 - Benzo(K)Fluoranthene (1.49 mg/kg)
 - Chrysene (2.30 mg/kg)
 - Dibenz(A,H)Anthracene (0.368 mg/kg)
 - Indeno(1,2,3-C,D)Pyrene (1.24 mg/kg)
- SB-43 2-24" 20201208
 - Benzo(A)Anthracene (3.35 mg/kg)
 - **Benzo(A)Pyrene (2.58 mg/kg)**
 - Benzo(B)Fluoranthene (3.06 mg/kg)
 - Benzo(K)Fluoranthene (2.78 mg/kg)
 - Chrysene (3.42 mg/kg)
 - **Dibenz(A,H)Anthracene (0.640 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (2.18 mg/kg)
- SB-46 0-2" 20201208
 - Benzo(A)Anthracene (3.05 mg/kg)
 - **Benzo(A)Pyrene (2.67 mg/kg)**



- Benzo(B)Fluoranthene (2.33 mg/kg)
- Benzo(K)Fluoranthene (2.17 mg/kg)
- Chrysene (3.16 mg/kg)
- Dibenz(A,H)Anthracene (0.621 mg/kg)
- Indeno(1,2,3-C,D)Pyrene (1.95 mg/kg)
- SB-46 2-24" 20201208
 - Benzo(A)Anthracene (2.78 mg/kg)
 - **Benzo(A)Pyrene (2.59 mg/kg)**
 - Benzo(B)Fluoranthene (2.25 mg/kg)
 - Benzo(K)Fluoranthene (1.94 mg/kg)
 - Chrysene (3.11 mg/kg)
 - Dibenz(A,H)Anthracene (0.520 mg/kg)
 - Indeno(1,2,3-C,D)Pyrene (1.76 mg/kg)

Subsurface Soils (>2-feet bgs):

SVOCs were detected in ten (10) of the twenty (20) subsurface soil samples collected and analyzed for SVOCs. One (1) or more SVOCs were detected in two (2) subsurface soil sample at concentrations exceeding their respective UUSCOs. Additionally, two (2) SVOCs were detected in two (2) subsurface soil samples at concentrations exceeding their respective CSCOs. UUSCO exceedances are described below - **Bold** font indicates those compounds also exceeding CSCOs:

- SB-35 13-15' 20201218
 - Benzo(A)Anthracene (2.86 mg/kg)
 - **Benzo(A)Pyrene (3.19 mg/kg)**
 - Benzo(B)Fluoranthene (2.57 mg/kg)
 - Benzo(K)Fluoranthene (2.37 mg/kg)
 - Chrysene (2.97 mg/kg)
 - **Dibenz(A,H)Anthracene (0.602 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (2.02 mg/kg)
- SB-43 24"-4' 20201208
 - Benzo(A)Anthracene (4.43 mg/kg)
 - **Benzo(A)Pyrene (2.94 mg/kg)**
 - Benzo(B)Fluoranthene (3.55 mg/kg)
 - Benzo(K)Fluoranthene (2.53 mg/kg)
 - Chrysene (4.43 mg/kg)
 - **Dibenz(A,H)Anthracene (0.840 mg/kg)**
 - Indeno(1,2,3-C,D)Pyrene (2.64 mg/kg)

Maximum Detections of CSCO Exceedances: Maximum detections of those SVOCs exceeding their respective CSCOs in surface and/or subsurface soils are summarized below:

- Benzo(A)Anthracene (7.20 mg/kg)
- Benzo(A)Pyrene (4.92 mg/kg)
- Benzo(B)Fluoranthene (6.48 mg/kg)
- Dibenz(A,H)Anthracene (1.41 mg/kg)



4.2.2.3 *Metals*

Surface Soils (0-2-feet bgs):

Metals were detected in each of the fifty-six (56) surface soil samples collected and analyzed for metals. One (1) or more metals were detected in forty (40) surface soil samples at concentrations exceeding their respective UUSCOs. Additionally, one (1) or more metals were detected in ten (10) surface soil samples at concentrations exceeding their respective CSCOs. UUSCO exceedances are described below - **Bold** font indicates those compounds also exceeding CSCOs:

- SB-22 0-2" 20201221
 - **Arsenic (16.8 mg/kg)**
 - Lead (91.0 mg/kg)
 - Mercury (0.468 mg/kg)
- SB-22 2-24" FD 20201221
 - Mercury (0.242 mg/kg)
- SB-23 2-24" 20201221
 - Copper (57.4 mg/kg)
 - Lead (160 mg/kg)
 - Mercury (0.686 mg/kg)
- SB-24 0-2" 20201209
 - **Arsenic (16.2 mg/kg)**
 - Chromium, Total (123 mg/kg)
 - Nickel (66.3 mg/kg)
 - Silver (3.50 mg/kg)
- SB-26 0-2" 20201208
 - Arsenic (14.0 mg/kg)
 - Chromium, Total (175 mg/kg)
 - Copper (70.9 mg/kg)
 - Lead (240 mg/kg)
 - Nickel (44.7 mg/kg)
 - Silver (2.31 mg/kg)
 - Zinc (180 mg/kg)
- SB-26 2-24" 20201208
 - Chromium, Total (354 mg/kg)
 - Nickel (54.7 mg/kg)
 - Silver (6.48 mg/kg)
- SB-27 0-2" 20201208
 - Chromium, Total (32.6 mg/kg)
 - Copper (80.9 mg/kg)
 - Lead (115 mg/kg)
 - Nickel (35.7 mg/kg)
 - Zinc (205 mg/kg)
- SB-27 2-24" 20201208
 - Zinc (134 mg/kg)
- SB-28 0-2" 20201208



- Nickel (33.8 mg/kg)
- SB-28 2-24" 20201208
 - Nickel (33.3 mg/kg)
- SB-29 0-2" 20201222
 - Lead (109 mg/kg)
 - Zinc (140 mg/kg)
- SB-29 2-24" 20201222
 - Nickel (32.7 mg/kg)
 - Zinc (110 mg/kg)
- SB-30 2-24" 20201221
 - Nickel (33.1 mg/kg)
- SB-33 0-2" 20201218
 - **Arsenic (30.9 mg/kg)**
 - Copper (100 mg/kg)
 - Lead (206 mg/kg)
 - Nickel (32.4 mg/kg)
 - Zinc (234 mg/kg)
 - Mercury (1.25 mg/kg)
- SB-34 0-2" 20201218
 - **Arsenic (17.3 mg/kg)**
 - Lead (176 mg/kg)
 - Nickel (31.1 mg/kg)
 - Zinc (139 mg/kg)
 - Mercury (0.185 mg/kg)
- SB-34 2-24" 20201218
 - **Arsenic (16.6 mg/kg)**
 - Zinc (114 mg/kg)
 - Mercury (0.841 mg/kg)
- SB-35 0-2" 20201218
 - Copper (66.1 mg/kg)
 - Lead (140 mg/kg)
 - Zinc (195 mg/kg)
 - Mercury (0.808 mg/kg)
- SB-35 2-24" 20201218
 - Copper (166 mg/kg)
- SB-36 2-24" 20201218
 - **Arsenic (24.4 mg/kg)**
- SB-37 0-2" 20201218
 - Copper (97.1 mg/kg)
 - Lead (159 mg/kg)
 - Selenium (4.33 mg/kg)
- SB-37 2-24" 20201218
 - Copper (58.5 mg/kg)
 - Lead (189 mg/kg)
- SB-38 0-2" 20201221
 - Nickel (41.8 mg/kg)



- Zinc (122 mg/kg)
- SB-38 2-24" 20201221
 - Nickel (33.3 mg/kg)
- SB-39 0-2" 20201222
 - Copper (57.6 mg/kg)
 - Nickel (45.4 mg/kg)
 - Zinc (187 mg/kg)
- SB-39 2-24" 20201222
 - Copper (54.8 mg/kg)
 - Nickel (40.6 mg/kg)
 - Zinc (151 mg/kg)
- SB-40 0-2" 20201222
 - Copper (51.7 mg/kg)
 - Nickel (99.7 mg/kg)
 - Zinc (134 mg/kg)
- SB-40 2-24" 20201222
 - Lead (125 mg/kg)
 - Zinc (122 mg/kg)
- SB-41 0-2" 20201218
 - Copper (60.1 mg/kg)
 - Lead (222 mg/kg)
 - Zinc (157 mg/kg)
 - Mercury (0.685 mg/kg)
- SB-41 2-24" 20201218
 - **Arsenic (16.4 mg/kg)**
 - Lead (72.1 mg/kg)
 - Mercury (0.312 mg/kg)
- SB-42 2-14" 20201208
 - Chromium, Total (52.0 mg/kg)
 - Nickel (43.1 mg/kg)
- SB-43 0-2" 20201208
 - Chromium, Total (191 mg/kg)
 - Copper (104 mg/kg)
 - Lead (426 mg/kg)
 - Nickel (112 mg/kg)
 - Silver (3.23 mg/kg)
 - Zinc (251 mg/kg)
- SB-43 2-24" 20201208
 - Chromium, Total (198 mg/kg)
 - Copper (94.3 mg/kg)
 - Lead (148 mg/kg)
 - Nickel (103 mg/kg)
 - Silver (3.37 mg/kg)
 - Zinc (232 mg/kg)
- SB-44 0-2" 20201221
 - Copper (112 mg/kg)



- Lead (97.1 mg/kg)
- SB-45 0-2" 20201208
 - Chromium, Total (67.3 mg/kg)
 - Copper (56.8 mg/kg)
 - Lead (70.4 mg/kg)
 - Nickel (32.2 mg/kg)
- SB-45 2-24" 20201208
 - Chromium, Total (48.3 mg/kg)
 - Copper (51.3 mg/kg)
 - Lead (122 mg/kg)
 - Nickel (39.7 mg/kg)
 - Zinc (121 mg/kg)
- SB-46 0-2" 20201208
 - Barium (389 mg/kg)
 - Chromium, Total (42.5 mg/kg)
 - Copper (78.2 mg/kg)
 - **Lead (1020 mg/kg)**
 - Zinc (370 mg/kg)
 - Mercury (1.08 mg/kg)
- SB-46 2-24" 20201208
 - Copper (50.3 mg/kg)
 - Lead (512 mg/kg)
 - Zinc (217 mg/kg)
 - Mercury (0.969 mg/kg)
- SB-47 0-2" 20201218
 - **Arsenic (38.6 mg/kg)**
 - Copper (99.7 mg/kg)
 - Nickel (31.3 mg/kg)
 - Zinc (121 mg/kg)
 - Mercury (0.182 mg/kg)
- SB-47 2-24" 20201218
 - **Arsenic (18.0 mg/kg)**
 - Copper (50.3 mg/kg)
 - Nickel (38.7 mg/kg)
 - Zinc (110 mg/kg)
- SB-48 2-24" 20201218
 - Nickel (31.4 mg/kg)

Subsurface Soils (>2-feet bgs):

Metals were detected in each of the twenty (20) subsurface soil sample collected and analyzed for metals. One (1) or more metals were detected in eighteen (18) subsurface soil samples at concentrations exceeding their respective UUSCOs. Additionally, one (1) or more metals were detected in two (2) subsurface soil samples at concentrations exceeding their respective CSCOs. UUSCO exceedances are described below - **Bold** font indicates those compounds also exceeding CSCOs:



- SB-22 8-10' 20201221
 - Copper (50.2 mg/kg)
 - Nickel (103 mg/kg)
 - Zinc (213 mg/kg)
- SB-23 14-16' 20201221
 - Copper (65.1 mg/kg)
 - Lead (268 mg/kg)
 - Zinc (485 mg/kg)
 - Mercury (1.26 mg/kg)
- SB-25 5-7' 20201208
 - Nickel (34.3 mg/kg)
- SB-26 8-10' 20201208
 - Chromium, Total (110 mg/kg)
 - Lead (104 mg/kg)
 - Nickel (46.4 mg/kg)
 - Zinc (139 mg/kg)
- SB-27 6-8' 20201208
 - Chromium, Total (31.2 mg/kg)
 - Nickel (41.7 mg/kg)
 - Mercury (122 mg/kg)
- SB-28 6.5-7.5' 20201208
 - Nickel (32.1 mg/kg)
- SB-29 7-9' 20201222
 - Copper (51 mg/kg)
 - Nickel (37.3 mg/kg)
 - Zinc (119 mg/kg)
- SB-29 7-9' FD 20201222
 - Nickel (35.2 mg/kg)
 - Zinc (115 mg/kg)
- SB-30 7-9' 20201221
 - Mercury (0.230 mg/kg)
- SB-32 8-10' 20201208
 - Nickel (39.4 mg/kg)
 - Zinc (111 mg/kg)
- SB-33 6-8' 20201218
 - Copper (53.5 mg/kg)
 - Lead (597 mg/kg)
 - Zinc (140 mg/kg)
 - Mercury (0.958 mg/kg)
- SB-34 10-12' 20201218
 - **Arsenic (21.0 mg/kg)**
 - Copper (85.0 mg/kg)
 - **Lead (2,380 mg/kg)**
 - Zinc (415 mg/kg)
 - **Mercury (5.81 mg/kg)**
- SB-35 13-15' 20201218



- Zinc (148 mg/kg)
- SB-36 14-16' 20201218
 - Copper (70.5 mg/kg)
 - Nickel (60.8 mg/kg)
 - Zinc (146 mg/kg)
- SB-43 24"-4' 20201208
 - Chromium, Total (600 mg/kg)
 - Copper (96.6 mg/kg)
 - Lead (116 mg/kg)
 - Nickel (116 mg/kg)
 - Silver (12.6 mg/kg)
 - Zinc (202 mg/kg)
- SB-45 24"-4.5' 20201208
 - Lead (88.2 mg/kg)
 - Nickel (30.3 mg/kg)
- SB-48 7.5-9.5' 20201218
 - Copper (75.9 mg/kg)
 - Lead (969 mg/kg)
 - Zinc (296 mg/kg)
 - **Mercury (3.32 mg/kg)**

Maximum Detections of CSCO Exceedances: Maximum detections of those metals exceeding their respective CSCOs in surface and/or subsurface soils are summarized below:

- Arsenic (38.6 mg/kg)
- Lead (2,380 mg/kg)
- Mercury (5.81 mg/kg)

4.2.2.4 *Pesticides, Herbicides and PCBs*

Surface Soils (0-2-feet bgs):

Pesticides were detected in four (4) of the twenty (20) surface soil samples collected and analyzed for pesticides. Each of these four (4) soil samples contained one (1) pesticide at concentrations exceeding UUSCOs; none of these detections exceeded their respective CSCOs. No herbicides were detected in any of the twenty (20) surface soil samples collected and analyzed for herbicides. PCBs were only detected in six (6) of the fifty-six (56) surface soil samples collected and analyzed for PCBs. Only two (2) of those six (6) soil samples contained concentrations of PCBs exceeding UUSCOs; none of the detected contaminants exceeded their respective CSCOs. UUSCO exceedances are described below:

- SB-23 0-2" 20201221
 - P,P'-DDT (0.00847 mg/kg)
- SB-29 0-2" 20201221
 - P,P'-DDT (0.0629 mg/kg)
- SB-37 0-2" 20201218
 - P,P'-DDE (0.00502 mg/kg)



- SB-40 0-2" 20201222
 - P,P'-DDT (0.0442 mg/kg)
- SB-43 0-2" 20201208
 - Polychlorinated Biphenyl (0.735 mg/kg)
- SB-45 0-2" 20201208
 - Polychlorinated Biphenyl (0.135 mg/kg)

Subsurface Soils (>2-feet bgs):

PCBs were detected in only three (3) of the twenty (20) subsurface soil samples collected. No pesticides or herbicides were sampled for in any of the twenty-three (23) subsurface soil samples collected in accordance with the NYSDEC approved RIWP. The PCBs detected did not exceed their respective UUSCO.

4.2.2.5 *Emerging Contaminants*

Surface Soils (0-2-feet bgs):

No surface soil samples contained detectable concentrations of 1,4-Dioxane. Two (2) of the five (5) surface soil samples analyzed for PFAS compounds contained one (1) or more PFAS compounds. Two (2) of those five (5) surface soil samples contained detections of one (1) PFAS compound exceeding its respective UUSCOs; neither of these detections exceeded their respective CSCO. UUSCO exceedances are described below:

- SB-27 0-2" 20201208
 - Perfluorooctanesulfonic acid (PFOS) (1.23 mg/kg)
- SB-40 0-2" 20201222
 - Perfluorooctanesulfonic acid (PFOS) (1.95 mg/kg)

PFAS compounds and ranges detected (including those compounds flagged by the laboratory with a J qualifier) in soil samples are summarized below:

- Perfluorobutanoic Acid (2.34 ug/kg)
- Perfluorooctanesulfonic acid (PFOS) (1.23-1.95 ug/kg)
- Perfluorooctanoic acid (PFOA) (0.616 ug/kg)

Subsurface Soils (>2-feet bgs):

The one (1) subsurface soil sample did not contain detectable concentrations of 1,4-Dioxane. The one (1) soil sample analyzed for PFAS compounds contained one (1) PFAS compound (Perfluorobutanoic Acid). No regulatory standards or screening levels exist for Perfluorobutanoic Acid in soil samples. This PFAS compound and concentration is summarized below:

- SB-45 24"-4.5' 20201208
 - Perfluorobutanoic Acid (3.32 ug/kg)



4.2.3 GROUNDWATER RESULTS

Groundwater sample results were compared to the Class GA Groundwater Quality Standards (GQS) defined in 6 NYCRR Part 700-705 and NYSDEC Division of Water TOGS 1.1.1. A summary of the analytical results of the groundwater investigation is provided below. A complete summary of analytical results is presented in Tables 3A through 3E. A total of ten (10) groundwater samples, including one (1) field duplicate, were collected from the nine (9) monitoring wells. Groundwater sampling locations are depicted in Figure 5. Class GA exceedances are depicted in Figure 11. Analytical reports are attached in Appendix H.

Contaminant concentrations exceeding Class GA GQS were detected in ten (10) of the groundwater samples collected. Groundwater samples and analytes exceeding Class GA GQS are described below.

4.2.3.1 VOCs

Multiple VOCs were detected in five (5) of the ten (10) groundwater samples collected. One (1) or more VOCs were detected in four (4) groundwater samples at a concentration exceeding their respective Class GA GQS. The exceedances are described below:

- MW-2 20201228
 - Trichloroethylene (TCE) (22.4 µg/l)
- MW-5 20201229
 - Trichloroethylene (TCE) (6.33 µg/l)
- MW-6 20201228
 - Trichloroethylene (TCE) (6.68 µg/l)
- MW-8 20201229
 - 1,1,1-Trichloroethane (TCA) (6.33 µg/l)
 - 1,1-Dichloroethane (7.58 µg/l)
 - Cis-1,2-Dichloroethylene (132 µg/l)
 - Trichloroethylene (TCE) (5.92 µg/l)

4.2.3.2 SVOCs

Multiple SVOCs were detected in five (5) of the ten (10) groundwater samples collected and analyzed for SVOCs. None of these detections exceeded their respective Class GA GQS.

4.2.3.3 Metals

Metals were detected in all ten (10) of the groundwater samples collected (total and dissolved metals). Multiple metals were detected in each of the ten (10) samples at concentrations exceeding Class GA GQS. The exceedances are described below:



- MW-2 20201228
 - Total Metals
 - Sodium (101 mg/l)
 - Dissolved Metals (Field Filtered)
 - Sodium (96.6 mg/l)
- MW-3 20201229
 - Total Metals
 - Chromium, Total (0.184 mg/l)
 - Sodium (91.9 mg/l)
 - Chromium, Hexavalent (0.265 mg/l)
 - Dissolved Metals (Field Filtered)
 - Chromium, Total (0.185 mg/l)
 - Sodium (100 mg/l)
- MW-5 20201229
 - Total Metals
 - Iron (0.358 mg/l)
 - Sodium (90.5 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (0.389 mg/l)
 - Sodium (98.9 mg/l)
- MW-6 20201228
 - Total Metals
 - Iron (2.59 mg/l)
 - Manganese (3.71 mg/l)
 - Sodium (104 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (2.60 mg/l)
 - Manganese (3.70 mg/l)
 - Sodium (101 mg/l)
- MW-7 20201228
 - Total Metals
 - Iron (4.80 mg/l)
 - Manganese (1.73 mg/l)
 - Sodium (36.8 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (4.94 mg/l)
 - Manganese (1.73 mg/l)
 - Sodium (35.1 mg/l)
- MW-8 20201229
 - Total Metals
 - Sodium (83.8 mg/l)
 - Dissolved Metals (Field Filtered)
 - Sodium (88.4 mg/l)
- MW-11 20201223
 - Total Metals
 - Iron (0.702 mg/l)



- Manganese (1.05 mg/l)
 - Sodium (151 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (0.760 mg/l)
 - Manganese (1.05 mg/l)
 - Sodium (130 mg/l)
- MW-11 FD 20201223
 - Total Metals
 - Iron (0.701 mg/l)
 - Manganese (1.05 mg/l)
 - Sodium (157 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (0.768 mg/l)
 - Manganese (1.08 mg/l)
 - Sodium (132 mg/l)
- MW-12 20201223
 - Total Metals
 - Sodium (86.3 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (0.382 mg/l)
 - Sodium (75.2 mg/l)
- MW-13 20201228
 - Total Metals
 - Iron (5.11 mg/l)
 - Manganese (4.11 mg/l)
 - Sodium (46.3 mg/l)
 - Dissolved Metals (Field Filtered)
 - Iron (5.19 mg/l)
 - Manganese (4.05 mg/l)
 - Sodium (45.8 mg/l)

4.2.3.3 *Pesticides, Herbicides & PCBs*

No pesticides or herbicides were detected in any of the five (5) groundwater samples tested and analyzed for pesticides and herbicides. No PCBs were detected in any of the ten (10) groundwater samples collected and analyzed for those parameters.

4.2.3.4 *Emerging Contaminants*

1,4-Dioxane was detected in two (2) of the ten (10) groundwater samples collected. Multiple PFAS compounds were detected in ten all (10) groundwater samples collected and analyzed for those compounds. PFOA and PFOS were detected in three (3) of the ten (10) groundwater samples at concentrations exceeding 10 ng/l described in NYSDEC's most recent January 2021 Guidance for Sampling and Analysis of PFAS. None of the ten (10) groundwater samples contained a cumulative amount of PFAS compounds exceeding the screening value of 500 ng/l. No PFAS compounds were detected in either of the two (2) field blanks collected and analyzed for PFAS. The exceedances are described below:



- MW-5 20201229
 - Perfluorooctanesulfonic acid (PFOS) (13.1 ng/l)
- MW-8 20201229
 - Perfluorooctanesulfonic acid (PFOS) (17.7 ng/l)
 - Perfluorooctanoic acid (PFOA) (17.1 ng/l)
- MW-12 20201223
 - Perfluorooctanesulfonic acid (PFOS) (14.5 ng/l)
 - Perfluorooctanoic acid (PFOA) (17.4 ng/l)

4.2.4 VAPOR RESULTS

Soil vapor sampling results were compared to criteria outlined in New York State Department of Health (NYSDOH) "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 Decision Matrices (A, B & C). NYSDOH only regulates eight (8) chlorinated VOCs: 1,1,1-Trichloroethane (TCA), 1,1-Dichloroethene (1,1-DCE), Carbon Tetrachloride, Cis-1,2-Dichloroethylene (Cis-1,2), Methylene Chloride, Tetrachloroethylene (PCE), Trichloroethylene (TCE) and Vinyl Chloride.

A summary of the findings of the vapor investigation is provided below. A complete summary of analytical results is presented in Table 4. A total of eight (8) soil vapor samples were collected from seven (7) locations including one (1) field duplicate. Soil vapor sampling locations were selected outside the footprint of on-site structures and primarily in earthen/paved portions of the site to determine potential off-site impacts to nearby residences. During the purge of each soil vapor implant, no VOCs were detected above 0.0 PPM by the calibrated 4-gas meter used. Vapor sampling locations are depicted in Figure 6. Samples results are depicted in Figure 13. Analytical reports are attached in Appendix H.

4.2.4.1 VOCs

VOCs were detected in each of the seven (7) soil vapor samples collected. The following detections and NYSDOH required actions are described below:

- SV-1 20201223
 - Methylene Chloride (4.3 ug/m³)
 - No Further Action (NFA)*
- SV-2 20201223
 - 1,1,1-Trichloroethane (TCA) (14.0 ug/m³)
 - NFA*
 - Methylene Chloride (62 ug/m³)
 - NFA*
- SV-3 20201223
 - Carbon Tetrachloride (0.34 ug/m³)
 - NFA*
 - Methylene Chloride (5.5 ug/m³)
 - NFA*



- Tetrachloroethylene (PCE) (0.91 ug/m³)
 - NFA*
 - Trichlorofluoromethane (TCE) (0.22 ug/m³)
 - NFA*
- SV-4 20201223
 - Methylene Chloride (30.0 ug/m³)
 - NFA*
- SV-5 20201223
 - 1,1,1-TCA (0.86 ug/m³)
 - NFA*
 - Methylene Chloride (4.1 ug/m³)
 - NFA*
 - TCE (6.1 ug/m³)
 - Monitor or Mitigate*
- SV-6 20201223
 - Carbon Tetrachloride (0.53 ug/m³)
 - NFA*
 - Methylene Chloride (1.5 ug/m³)
 - NFA*
 - PCE (2.4 ug/m³)
 - NFA*
 - TCE (0.67 ug/m³)
 - NFA*
- SV-7 20201223
 - 1,1,1-TCA (63.0 ug/m³)
 - NFA*
 - Cis-1,2-Dichloroethylene (1.8 ug/m³)
 - NFA*
 - PCE (24.0 ug/m³)
 - NFA*
 - TCE (3,700 ug/m³)
 - Mitigate
- SV-7 DUP 20201223
 - 1,1,1-TCA (51.0 ug/m³)
 - NFA*
 - Methylene Chloride (18.0 ug/m³)
 - NFA*
 - PCE (20.0 ug/m³)
 - NFA*
 - TCE (3,300 ug/m³)
 - Mitigate

*- Co-located ambient indoor air sample would need to be collected to confirm NYSDOH required action.

All VOCs and ranges detected in soil vapor samples are summarized below:



- 1,1,1-Trichloroethane (TCA) (0.86-63 ug/m³)
- 1,1,2-Trichloroethane (1.6 ug/m³)
- 1,2,4-Trimethylbenzene (4.9-26 ug/m³)
- 1,2-Dichlorotetrafluoroethane (3.7 ug/m³)
- 1,3,5-Trimethylbenzene (Mesitylene) (1.4-7.5 ug/m³)
- 2-Hexanone (1.2 ug/m³)
- 4-Ethyltoluene (4.9-21 ug/m³)
- Acetone (54-320 ug/m³)
- Acrylonitrile (0.28-0.52 ug/m³)
- Benzene (1.0-1.4 ug/m³)
- Benzyl Chloride (1.1 ug/m³)
- Bromodichloromethane (4.0 ug/m³)
- Carbon Disulfide (0.41-6.8 ug/m³)
- Carbon Tetrachloride (0.34-0.53 ug/m³)
- Chloroform (0.64-7.3 ug/m³)
- Chloromethane (0.83-1.3 ug/m³)
- Cis-1,2-Dichloroethylene (1.8 ug/m³)
- Cyclohexane (0.45-1.1 ug/m³)
- Dichlorodifluoromethane (2.0-3.2 ug/m³)
- Ethyl Acetate (1.8 ug/m³)
- Ethylbenzene (2.1-8.0 ug/m³)
- Isopropanol (2.0-110 ug/m³)
- Methyl Ethyl Ketone (2-Butanone) (1.7-15 ug/m³)
- Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) (0.55-1.4 ug/m³)
- Methyl Methacrylate (1.2-5.1 ug/m³)
- Methylene Chloride (1.5-62 ug/m³)
- M-P-Xylene (9.8-31 ug/m³)
- N-Heptane (0.53-2.3 ug/m³)
- N-Hexane (0.83-2.5 ug/m³)
- O-Xylene (1,2-Dimethylbenzene) (3.8-13 ug/m³)
- Propylene (0.71-3.7 ug/m³)
- Styrene (0.63-0.67 ug/m³)
- Tetrachloroethylene (PCE) (0.91-24 ug/m³)
- Tetrahydrofuran (15 ug/m³)
- Toluene (3.8-34 ug/m³)
- Trichloroethylene (TCE) (0.22-3,700 ug/m³)
- Trichlorofluoromethane (0.73-1.6 ug/m³)
- Vinyl Acetate (1.0 ug/m³)

4.2.5 DATA VALIDATION

Data Usability Summary Reports (DUSRs) using the NYSDOH ELAP Certified Laboratory provided ASP-B Deliverables (Appendix F). Third party data validation services and DUSRs



were prepared by Environmental Data Usability of Dansville, New York. The resume and statement of qualifications (SOQ) for the third-party data validator are attached in Appendix G.

The Data Usability Summary Reports provide a review of one hundred and one (111) samples for which 14,228 constituents were quantified by the laboratory. The samples included eight (8) soil vapor samples, eighty-one (81) soil samples, twenty (20) groundwater samples, seven (7) field blanks and three (3) trip blanks. Of the 14,228 constituents analyzed, the data validator determined that all except one hundred and thirty-four (134) results are valid and are considered usable, an overall data usability rate of 99.31%. The eight (8) air samples had a data usability rate of 100%.

All one hundred and thirty-four (134) constituents flagged by the data validator were either 1,4-Dioxane via USEPA Method 8260C or 1,1,2,2-Trichloroethane (TCA) via USEPA Method 8260C. No 1,4-Dioxane results by USEPA Method 8270 SIM were rejected by the validator.

4.3 SUMMARY OF REMEDIAL INVESTIGATION RESULTS

The following subsections present a summary of the RI results for the BCP Site. The RI has delineated the extent and nature of contaminants on the Site that require remedial action.

Stratigraphy, Geology and Hydrogeology

Subsurface soils throughout the BCP Site were comprised of silts/sands/clays and gravels. Areas of fill material comprised of brick, coal fragments and coal ash were observed intermittently throughout the BCP Site, most prominently in the upper 6-feet of the completed soil borings. Presumed depth to bedrock (refusal during drilling) varied throughout the BCP Site ranging from 2.0-feet to 12.0-feet bgs. Groundwater in unconsolidated sediments was encountered in only five (5) of the twenty-seven (27) soil borings ranging in depth from 9.5-feet to 14.0-feet bgs.

The depth to presumed bedrock at the Site varies significantly, as stated above (2.0 – 12.0 feet below grade) but is shallow overall. Groundwater was not encountered in sufficient quantities in the thin veneer of unconsolidated sediments to install two (2) of the five (5) RIWP proposed monitoring wells as indicated in Section 3.1.5.

Soil Quality

Contaminants were detected in soil at concentrations exceeding UUSCOs and CSCOs. Figures 8 and 9 depict UUSCO and CSCO exceedances in soil samples collected within the BCP site.

- Surface Soil: One (1) VOC (Acetone), multiple SVOCs (Benzo(A)Anthracene, Benzo(B)Fluoranthene, Benzo(K)Fluoranthene, Chrysene, Dibenz(A,H)Anthracene, and Indeno(1,2,3-C,D)Pyrene), multiple metals (Arsenic, Barium, Chromium, Copper, Lead, Nickel, Selenium, Silver, Zinc and Mercury), three (3) pesticides (P,P-DDD, P,P-DDE, and P,P-DDT), and one (1) PCB were detected at concentrations exceeding UUSCOs. Multiple SVOCs (Benzo(A)Anthracene, Benzo(A)Pyrene, Benzo(B)Fluoranthene, Benzo(K)Fluoranthene, Chrysene, and Dibenz(A,H)Anthracene) and metals (Arsenic and Lead) were detected at concentrations exceeding CSCOs. One (1) PFAS compound



(Perfluorooctanesulfonic acid [PFOS]) was detected in two (2) locations exceeding UUSCOs.

- Acetone is a common laboratory contaminant and PVE does not consider this compound to be representative of the Site conditions.
- Subsurface Soil: One (1) VOC (Acetone), multiple SVOCs (Benzo(A)Anthracene, Benzo(B)Fluoranthene, Benzo(K)Fluoranthene, Chrysene, Dibenz(A,H)Anthracene, and Indeno(1,2,3-C,D)Pyrene) and multiple metals (Chromium, Copper, Lead, Nickel, Silver, Zinc and Mercury) were detected at concentrations exceeding UUSCOs. Two (2) SVOCs (Benzo(A)Pyrene and Dibenz(A,H)Anthracene) and metals (Arsenic, Lead and Mercury) were detected at concentrations exceeding CSCOs. No PFAS compounds were detected in subsurface soils at concentrations exceeding UUSCOs.
 - Acetone is a common laboratory contaminant and PVE does not consider this compound to be representative of the Site conditions.

A complete summary of soil sample analytical results for the BCP Site is presented in Tables 1A-1E and 2A-2E. Sampling locations are depicted in Figure 4; UUSCOs exceedances are depicted in Figures 8A-8B and CSCOs exceedances are depicted in Figures 9A-9B.

Groundwater Quality

Four (4) VOCs (1,1,1-Trichloroethane (TCA), 1,1-Dichloroethane, Cis-1,2-Dichloroethylene, and Trichloroethylene (TCE)) and multiple metals (Total Chromium, Iron, Manganese, Sodium, and Hexavalent Chromium) were detected in groundwater at concentrations exceeding Class GA GQS. Two (2) PFAS compounds, Perfluorooctanesulfonic acid (PFOS) & Perfluorooctanoic acid (PFOA), were detected in three (3) groundwater samples at concentrations exceeding screening levels.

- It is our professional opinion that the metals Iron, Manganese, and Sodium detected exceeding Class GA GQS are not site-specific contaminants and are characteristic of the general region as discussed in Occurrence and Distribution of Iron, Manganese, and Selected Trace Elements in Groundwater in the Glacial Aquifer System of the Northern United States, USGS 2009.

A complete summary of groundwater analytical results for the BCP Site are presented in Table 3A-3E. Sampling locations are depicted in Figure 5; samples and analytes exceeding Class GA GQS are depicted in Figure 11.

Vapor Quality

Regulated chlorinated VOCs were detected in three (3) of the seven (7) soil vapor sampling locations at concentrations requiring mitigation.

A complete summary of soil vapor analytical results for the BCP Site are presented in Table 4. Sampling locations are depicted in Figure 6.



5.0 QUALITATIVE EXPOSURE ASSESSMENTS

DER-10 Section 3.3(c)4 "Qualitative Exposure Assessments" requires that a qualitative exposure assessment for both human health and/or fish and wildlife resources be completed during the Remedial Investigation "to qualitatively determine the route, intensity, frequency and duration of actual or potential exposures to contaminants."

This assessment should:

- Describe the nature and size of the population currently exposed or which may reasonably be expected to be exposed to the contaminants that are present at or migrating from the site.
- Include a determination of the reasonably anticipated future land use of the site and affected off-site areas.
- Identify the reasonably anticipated future groundwater use.
- Characterize the exposure setting, identifying current and reasonably foreseeable exposure pathways.
- Evaluate contaminant fate and transport.
- Include a full delineation of the nature and extent of off-site impacts; unless the remedial party is a volunteer in the BCP, in which event off-site field information is only needed sufficient to identify the presence of contamination and support the qualitative off-site exposure assessment of these sites.

5.1 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

The objective of the qualitative human health exposure assessment (QHHEA) is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at the Site. Potential receptors are the populations that may become exposed to COCs by virtue of their presence at the Site. Receptors vary by age, the nature of their use of the Site, and hours of occupancy. A key element of the QHHEA is the identification of exposure pathways. An exposure pathway describes a potential route that the COC may take to travel from the source to the receptor. Generally, multiple potential exposure pathways are identified for a BCP Site. An identified pathway indicates that the potential for exposure through that route exists; it does not signify that the exposure is actually occurring.

A QHHEA was conducted in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed populations (i.e., the receptors). This assessment included:

- A description of the contaminant source(s), including the location of the contaminant release to the environment (any waste disposal area or point of discharge), or if the original source is unknown, the contaminated environmental medium (soil, indoor or outdoor air, water, etc.) at the point of exposure;
- An explanation of the contaminant release and transport mechanisms to the exposed population;



- Identification of all potential exposure point(s) where actual or potential human contact with a contaminated medium may occur;
- Description(s) of the route(s) of exposure (i.e., ingestion, inhalation, dermal absorption); and
- A characterization of the receptor populations who may be exposed to contaminants at a point of exposure.

5.1.1 SITE CONDITIONS

The BCP Site was most recently utilized as an auctioning facility on the 58 Parker Avenue property and a commercial printing operation on the 164 Garden Street property. In general, the BCP Site at 58 Parker Avenue is comprised of the three-story vacant factory structure with multiple 1 to 2-story attachments, 1-story commercial structure, paved areas where the asphalt surface is degraded, and lightly vegetated areas. The BCP Site at 164 Garden Street is comprised of a vacant single-story commercial structure and paved parking areas. Proposed development plans include the rehabilitation of these structures for commercial use.

5.1.2 CONCEPTUAL SITE MODEL

A conceptual site model has been developed based on the findings of the RI. The purpose of the model is to develop a simplified framework for understanding the sources of contamination, potential migration pathways and potentially complete exposure pathways. Following is a description of each.

5.1.2.1 SOURCES OF CONTAMINATION

SOIL: As discussed previously, one (1) VOC, multiple SVOCs, multiple metals, multiple pesticides, one (1) PFAS compound, and one (1) PCB aroclor were detected at concentrations exceeding UUSCOs in soil samples. The majority of contaminants detected at concentrations exceeding UUSCOs were detected in the upper 2-feet of soils. However, a total of seventeen (17) locations detected one (1) VOC, multiple SVOCs and/or multiple metals in subsurface soil samples, ranging from 2.0-feet to 16-feet bgs, at concentrations exceeding UUSCOs. It should be noted, the one (1) VOC detected exceeding UUSCOs, Acetone, is a common laboratory contaminant and is not considered characteristic of the site.

Multiple SVOCs and multiple metals were detected in surface and subsurface soils at concentrations exceeding CSCOs. The majority of contaminants detected at concentrations exceeding CSCOs were also detected in the upper 2-feet of soils. Only four (4) locations contained SVOCs and/or metals in subsurface soil samples, ranging from 2.0-feet to 15.0-feet bgs, at concentrations exceeding CSCOs.

GROUNDWATER: Multiple VOCs, two (2) PFAS compounds, and multiple metals were detected in groundwater samples at concentrations exceeding Class GA GQS. VOCs were detected at concentrations exceeding Class GA GQS in four (4) of the nine (9) locations sampled. PFAS compounds were detected at concentrations exceeding Class GA GQS in two (2) of the nine (9) locations sampled. Metal concentrations exceeding Class GA GQS were detected in all nine (9) of the groundwater locations samples. It should be noted, the site does



not rely on groundwater for potable uses and redevelopment of the site will include the use of municipal supplied water.

VAPOR: One (1) NYSDOH regulated VOC (Trichloroethylene [TCE]) was detected in three (3) of the seven (7) sub-slab vapor sampling locations requiring further action. All vapor samples collected and analyzed during the RI were collected from the 58 Parker Avenue parcel.

SUMMARY: Metals and SVOCs exceeding the commercial SCO in soil appear to represent historic fill observed in shallow soils throughout the site. Contaminants present in groundwater consist of chlorinated VOCs, naturally occurring metals and low level PFAS. The chlorinated VOCs in groundwater are present in multiple monitoring wells located in the southern portion of the 58 Parker Avenue parcel (down-gradient of historic plating area and floor drains) and may represent a release via floor drain discharges from the subject property, or adjacent property. Chlorinated VOCs, presumably from the volatilization of these compounds in the groundwater, are present in sub-slab and soil vapor at the 58 Parker Avenue parcel requiring mitigation.

5.1.2.2 Receptor Populations

The human receptors for current Site conditions include workers, visitors, and trespassers. Trespassers may include children, adolescents and adults, whereas construction workers and most visitors would be limited to adults. During construction and remediation activities, receptors will likely include workers and visitors.

5.1.2.3 Potential Exposure Pathways

Potential pathways to human receptors include the following:

- Ingestion of fill/soil;
- Inhalation of vapors and particulates; and
- Dermal contact with fill/soil or building materials.

Current Conditions: Currently, the BCP Site is vacant with unoccupied structures and there is limited potential for exposure to site related contaminants. Structures are currently locked and secured by other means where necessary including plywood coverings over open doors and windows. A potential exposure pathway to contaminants in surface soil exists, but is partially prohibited by paved areas, concrete pad of building foundations and physical access to the 58 Parker Avenue section of the BCP Site is restricted by the perimeter fence. However, the BCP Site at 164 Garden street has no perimeter fence but direct access to the earthen exterior portions of the 164 Garden Street is very limited since this portion of the Site is mostly covered with existing structures and asphalt. No potential pathway to contaminants in groundwater exist since groundwater is not accessible at the Site, and because the BCP Site is served by a public water supply. A pathway from contaminants in soil gas to human receptors does not exist since none of the buildings on-site are occupied.

Construction/Remediation Activities: Once demolition and site remediation activities begin, workers will potentially be exposed to direct contact with shallow and subsurface soils, as a result of investigations, demolition and excavation activities. On-Site workers potentially could



ingest, inhale or have dermal contact with exposed impacted soil, fill, and potentially groundwater. Off-site receptors could be exposed to dust from on-site activities. During investigation, demolition, and construction, on-site and off-site exposures to contaminated dust will be addressed through the Soil/Materials Management Plan, dust controls, and through the implementation of a Community Air Monitoring Program and a Health and Safety Plan. During remediation and construction, the entire BCP Site will be fenced to prohibit access to the Site by anyone other than Site workers.

Future (Post-Construction) Conditions: Once the remedial actions and redevelopment of the Site have been completed, the Site will be covered with clean fill over any remaining soil exposed contaminated areas (if any remain), the structures, paved parking areas, roads and sidewalks. The structures will prevent direct human exposure to any contaminated materials that may be left in place. After the structures are redeveloped, a complete exposure pathway via inhalation of subsurface soil gas should not exist through the construction and maintenance of a sub-slab depressurization system beneath the redeveloped structures.

Potential Exposure Pathways Off-Site: Based on the findings of this RI, and the distribution of contaminants, a potential for off-site human receptors should not exist. Groundwater in the City of Poughkeepsie is not relied on for consumptive use, as potable water is supplied by a municipal system. Based on the low concentrations of contaminants in soil vapor at the western edge of the subject property (SV-1, SV-2 & SV-3) off-site investigation would not be warranted. Based on the Site being partially fenced off from the public and vacant, current potential exposure to surface soil contaminants is limited to trespassers potentially spreading contaminated soils on footwear or vehicle tires. However, once the Site remedial activities commence, Site controls will be implemented to prevent exposure.

5.1.3 OVERALL HUMAN HEALTH EXPOSURE ASSESSMENT

According to DER-10 Appendix 3B, the five (5) elements of an exposure pathway include: (1) a contaminant source; (2) contaminant release and transport mechanisms; (3) a point of exposure; (4) a route of exposure; and (5) a receptor population. An exposure pathway is considered 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 cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and cannot reasonably be anticipated to exist in the future.

5.1.3.1 Current Conditions

The conceptual site model identified a contaminant source and a human receptor population. Also, a point of exposure exists/may exist for potential exposure media for COCs in soil for current Site conditions, since COCs are present in limited surface soil areas. However, a contaminant release and transport mechanism does not exist, as contaminants in surface soils are not readily mobilized. A receptor population exists only for trespassers and Site authorized Site worker/visitors in advance of remediation. The latter of which are unlikely to come in contact with the limited soil exposed areas. Therefore, a complete exposure pathway does not exist.



5.1.3.2 Construction/Remediation Activities

Points of exposure during construction/remediation activities include the disturbed and exposed contaminated soil during excavation, and contaminated dust arising from the excavation during remedial activities. Limited points of exposure may exist for groundwater within the BCP Site if any excavation for redevelopment is completed to depths greater than 13.5 to 15-feet in certain exterior locations.

Routes of exposure include ingestion and dermal absorption of contaminated soil or groundwater and inhalation of dust arising from contaminated soil. The receptor population includes the construction and remediation workers. All five (5) elements exist; therefore, a completed exposure pathway is present. However, the temporary risk will be eliminated by applying appropriate health and safety measures, including installation of a complete perimeter fence, monitoring for dust during implementation of the CAMP, using dust suppression measures, maintaining site security, and wearing the appropriate personal protective equipment. Training is also required for workers who come into contact with contaminated materials, who are taught how to avoid exposure and protect themselves. The exposure pathway is not complete for off-site populations. The only potential route of exposure would be through migration of dust. This potential exposure will be mitigated through the use of dust suppression and confirmed by implementation of the CAMP.

5.1.3.3 Future (Post-Construction) Conditions

Post-construction conditions may have a contaminant source (Element 1) and a human receptor population (Element 5), however, a point of exposure (Element 3) will not exist for potential exposure to COCs in soil and groundwater. Following Site redevelopment, a complete exposure pathway via potential inhalation of subsurface vapors will be mitigated through a vapor mitigation system, which shall be employed in building construction and enforced through an environmental easement.

5.1.3.4 Potential Ecological Risks

The majority of the BCP Site currently contains structures or paved areas with limited vegetative areas. The proposed future site use is commercial, including rehabilitation of the existing structures, concrete sidewalks and asphalt. As such, there is a limited risk to ecological receptors. The findings of the Fish and Wildlife Impact Analysis are summarized in Section 5.2, below.

5.1.4 QHHEA Summary

Based upon the above analysis, there is a potential complete exposure pathway that requires mitigation during implementation of the remedy. There is no complete exposure pathway under future conditions after the Site is redeveloped. This assessment takes into consideration the reasonably anticipated use of the Site, which includes remediation of contamination for a commercial use, a commercial development, surface cover cap and soil vapor mitigation measures. Potential post-construction use of groundwater is not considered during this QHHEA because the area is served by public water. Because of this condition, institutional controls or



environmental easements prohibiting the use of groundwater will not be necessary. However, an environmental easement will likely be required for the soil vapor mitigation measures and cover system.

During the remedial action, on-site exposure pathways will be eliminated by preventing access to the Site, through installation of a complete perimeter fence, implementation of soil/materials management, stormwater pollution prevention, dust controls, employment of a community air monitoring plan, and implementation of a Health and Safety Plan. After the remedial action is complete, there will be no remaining exposure pathways to on-Site soil/fill, due to the removal of the most contaminated source areas and a sitewide cover system over any remaining impacted soil. Potential inhalation of subsurface vapors should not exist as vapor mitigation techniques shall be employed in building construction of the 58 Parker Avenue parcel. The exposure route and assessment table included in Appendix 3B of DER-10 is presented below.

DRAFT



Environmental Media & Exposure Route	Human Exposure Assessment
Direct contact with surface soils (and incidental ingestion)	Limited exposure because contaminated shallow soils are covered with pavement, structure and the BCP Site will be fenced off from the public. Limited exposure because legal public access will be restricted by fencing and Site security. Potential exposure to trespassers on the Site only if they intentionally or inadvertently dig in areas of contaminated soil.
Direct contact with subsurface soils (and incidental ingestion)	Potential exposure for workers completing intrusive remedial actions at the Site but controlled through CAMP and HASP.
Ingestion of groundwater	No exposure because the Site is served by a public water supply and groundwater is not being used for drinking water. There are no known domestic water supply wells in the immediate area.
Direct Contact with Groundwater	Potential exposure for workers completing ground intrusive work to depths of groundwater but controlled through CAMP and HASP.
Inhalation of air (exposures related to soil vapor intrusion)	A vapor mitigation system shall be installed in on-site buildings at the 58 Parker Avenue parcel to prevent the indoor air quality from being affected by the contamination.



5.2 FISH AND WILDLIFE RESOURCE IMPACT ANALYSIS (FWRIA)

A FWRIA Part 1 was completed by CHA, Consulting, Inc. (CHA) dated February 15, 2021. The Part 1 Assessment is attached as Appendix I. Conclusions from the Part 1 Assessment are summarized below.

The Site features poor quality habitat and is small relative to the home ranges of the affected terrestrial wildlife. As a result, potential adverse impacts to wildlife are expected to be limited to several dozen to a few hundred small mammals or songbirds and would, therefore, not be considered ecologically significant due to the commonplace nature of these organisms. Potential accumulation of contaminants in wildlife does not appear to be a significant food chain pathway resulting in eventual consumption by humans due to the absence of wildlife hunting opportunities in the immediate vicinity of the 58 Parker Avenue and 164 Garden Street site.

Remediation under the Brownfield Clean-Up Program shall further reduce the minor potential wildlife impacts posed by on-site contaminants by excavation, removal and covering of surface soil contaminants.

Contaminants documented within shallow soils ranging from 0-3 feet below grade surface may have the potential to affect fauna through direct contact (i.e.: earth worms, insects, or small mammals burrowing in contaminated soil onsite) and/or transportation of sediments in surface water runoff to the Fall Kill Creek. This may result in potential bioaccumulation in downstream fish and wildlife. Additionally, contaminated groundwater from the subject parcels may be discharging to Fall Creek. Appropriate remediation measures should be put in place to remove or contain the contaminated soils and groundwater to prevent potential off-Site contamination.



6.0 SUMMARY and CONCLUSIONS

This section summarizes the results of the RI with respect to the primary goals of the investigation:

- Characterize the lateral and vertical extent of contaminants in the BCP Area to the degree necessary to evaluate the human health and ecological risks and to develop a remedy to reduce these risks;
- Document the sources of contaminants in the BCP Area, including a preliminary evaluation of ongoing sources of contaminants that need to be addressed so that a sustainable remedy can be developed and implemented; and
- Determine the human health and ecological risks from exposure to contaminants.

The nature and extent of contamination at the 58 Parker Avenue & 164 Garden Street BCP Site has been established to the degree necessary to complete the required risk assessments and remedial alternatives analysis. These program-required elements will be presented to the Department in the Remedial Work Action Plan, to be prepared. The horizontal and vertical distribution of contamination was characterized by field observations and the analysis of soil, groundwater and vapor samples, as follows:

6.1 SHALLOW SOIL

A majority of the contaminants within the BCP site were detected in the shallow soil (0 to 2-feet bgs). Of the sixty-one (61) surface soil samples collected, forty-four (44) surface soil samples contained contaminants at concentrations exceeding UUSCOs; seventeen (17) surface soil samples contained contaminants at concentrations exceeding CSCOs.

6.2 SUBSURFACE SOIL

Twenty-three (23) subsurface soil samples were collected from deeper intervals (greater than 2-feet bgs). Of these subsurface soil samples, seventeen (17) subsurface soil samples contained contaminants at concentrations exceeding UUSCOs; four (4) subsurface soil samples contained contaminants at concentrations exceeding CSCOs.

6.3 GROUNDWATER

Only VOCs, PFAS and metals were detected in groundwater samples at concentrations exceeding Class GA standards including 1,1,1-Trichloroethane (TCA), 1,1-Dichloroethane, Cis-1,2-Dichloroethylene, Trichloroethylene (TCE), Perfluorooctanesulfonic acid (PFOS), Perfluorooctanoic acid (PFOA), total chromium, iron, manganese, sodium and hexavalent chromium. Iron, manganese and sodium are considered to be representative of background conditions.



6.4 SOIL VAPOR

One (1) regulated VOC (Trichloroethylene (TCE)) was detected in three (3) of the seven (7) soil vapor sampling locations requiring further action.

6.5 CONCLUSIONS

1. Contaminants are present in soil at concentrations exceeding the commercial SCO predominantly in shallow soils (0-2 feet bgs); only four (4) soil samples from deeper intervals (greater than 2-feet bgs) contained contaminants at concentrations exceeding CSCOs.
2. Contaminants in groundwater are limited to four (4) VOCs, two (2) low level PFAS compounds, and five (5) metals; the majority of the metals detected are considered to be naturally occurring and representative of background conditions.
3. Human exposure to contaminants in groundwater is unlikely, considering groundwater is not (and will not be) relied on for consumptive purposes.
4. Contaminated vapors are present in the subsurface of the 58 Parker Avenue parcel, which are not currently a risk to human health, since the Site is vacant. The potential exposure hazard shall be addressed through the design and the installation of appropriate vapor mitigation systems.
5. Based on the information presented in this RI, we recommend preparation of a Remedial Action Work Plan which presents an evaluation of remedial alternatives (Alternatives Analysis) to address the limited areas of soil which do not meet applicable Soil Cleanup Objectives and in consideration of a Track 4 remediation of the BCP Site.



7.0 CERTIFICATION

"I, Christopher Brown, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and *that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.*"

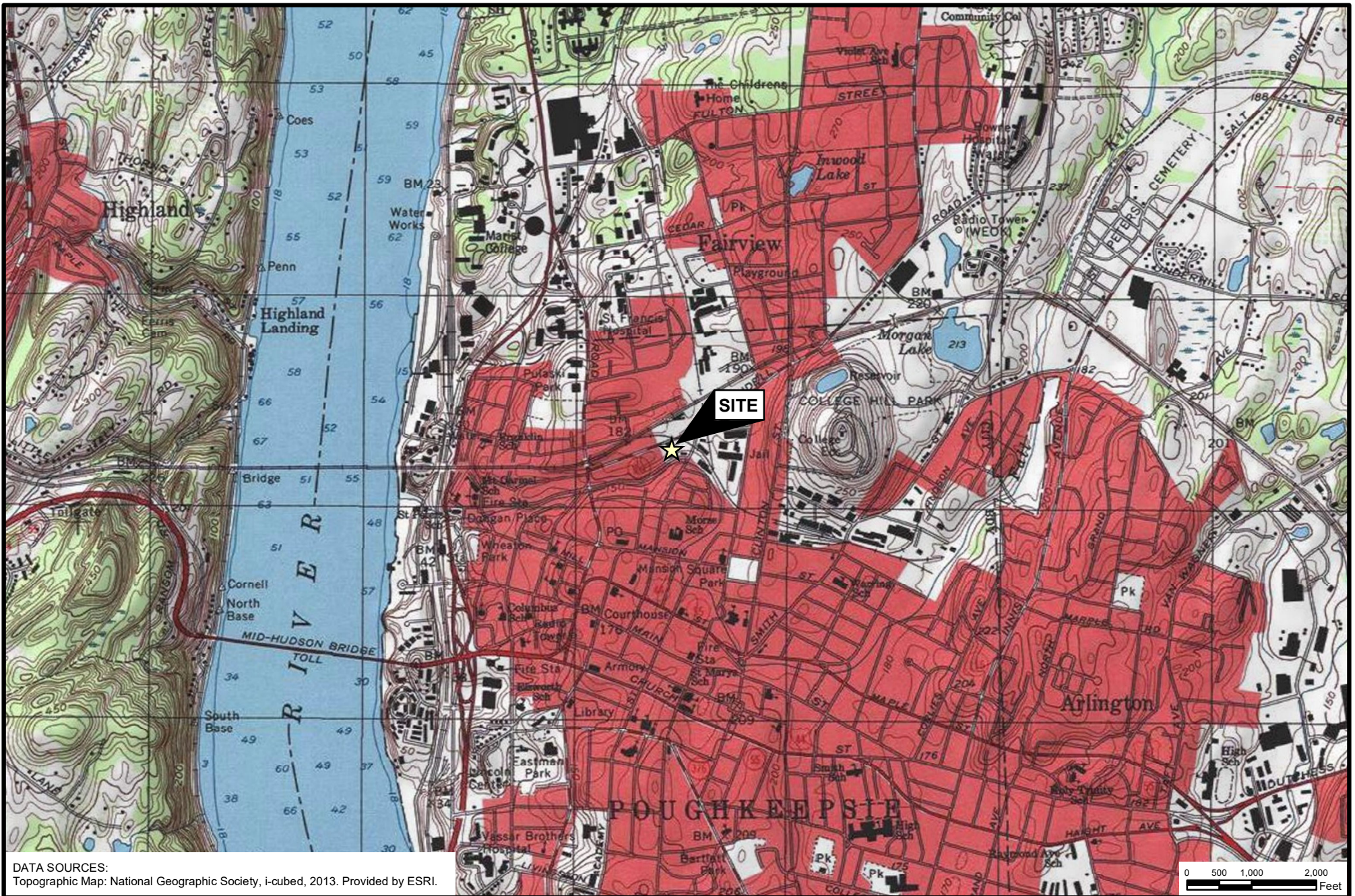
Signature

Date

DRAFT

FIGURES

DRAFT



48 Springside Avenue
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Fax: 845.454.2655

SITE LOCATION MAP

58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK 12601

PROJECT NO.
560532



FIGURE 1

DATE: 1/27/2020
SCALE: AS INDICATED DATUM: NAD83
PROJECTION: STATE PLANE NY EAST (FT)
ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Tax Parcel Outline: Dutchess County ParcelAccess, 2019
Aerial Image: NYS ITS GIS Program Office, 2016



48 Springside Avenue
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SELECTED SITE FEATURES

58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK 12601

LEGEND

TAX PARCEL OUTLINE

PROJECT NO.
560532



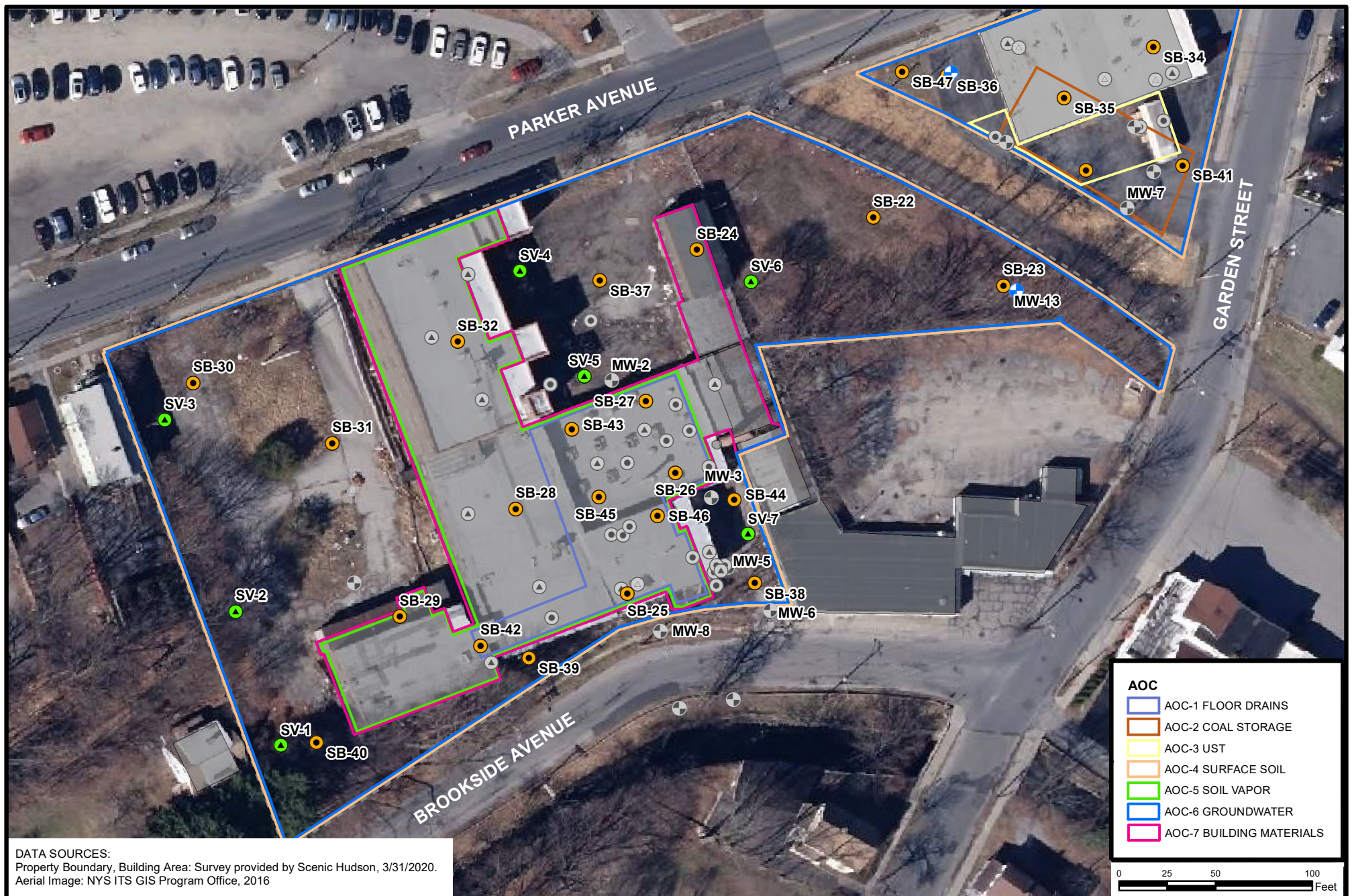
FIGURE 2

DATE: 03/03/2021

SCALE: AS INDICATED | DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
Aerial Image: NYS ITS GIS Program Office, 2016



48 Springside Avenue
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BCP RI 58 PARKER AVENUE SAMPLE LOCATIONS

58 PARKER AVENUE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- AMBIENT INDOOR AIR
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- RADON

PROJECT NO.
560532



FIGURE 3A

DATE: 01/04/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016

- AOC**
- AOC-1 FLOOR DRAINS
 - AOC-2 COAL STORAGE
 - AOC-3 UST
 - AOC-4 SURFACE SOIL
 - AOC-5 SOIL VAPOR
 - AOC-6 GROUNDWATER
 - AOC-7 BUILDING MATERIALS

0 10 20 40
 Feet



48 Springside Avenue
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BCP RI 164 GARDEN STREET SAMPLE LOCATIONS

164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- SOIL BORING
- BUILDING
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- AMBIENT INDOOR
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- RADON

PROJECT NO.
 560532



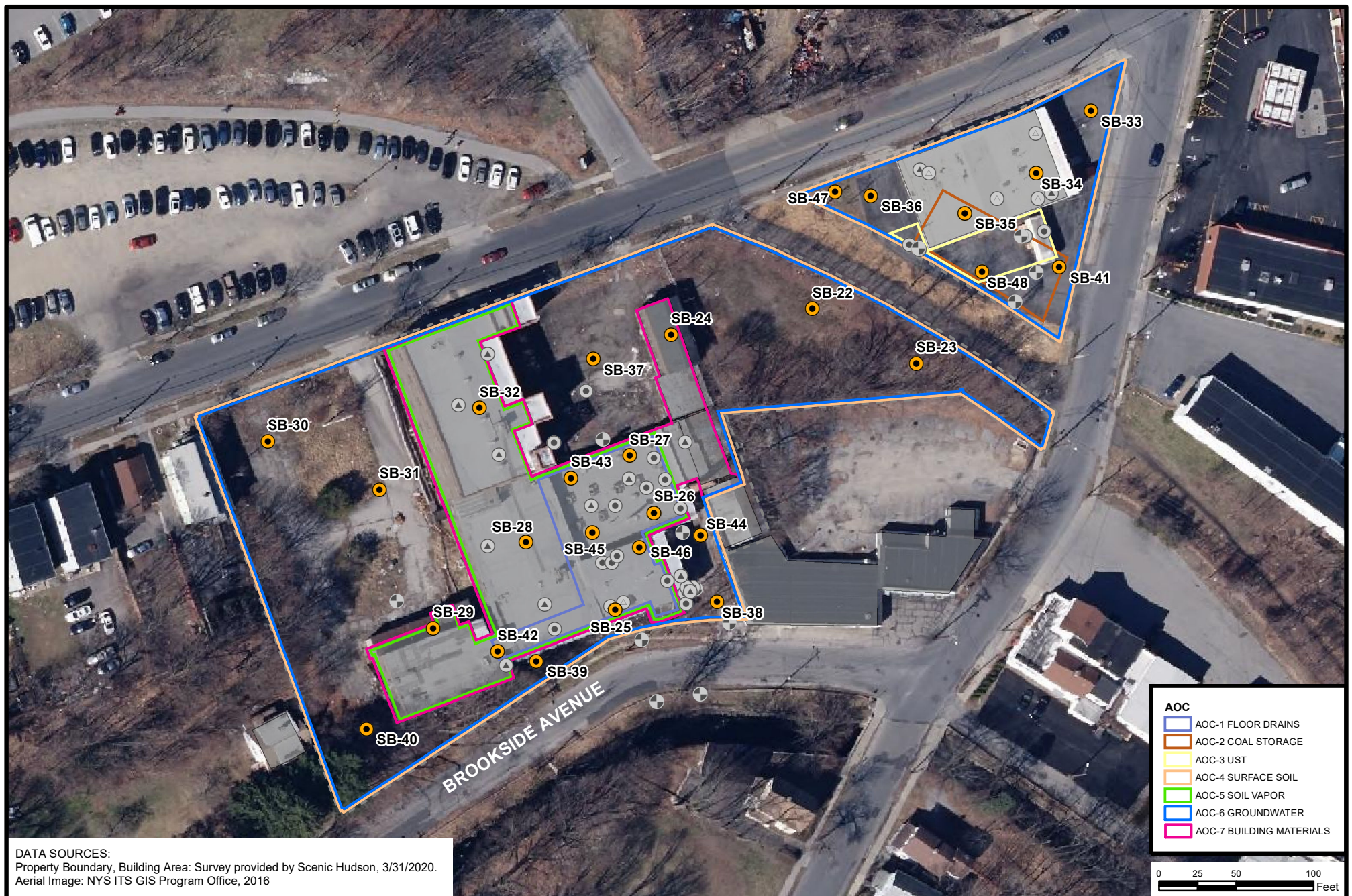
FIGURE 3B

DATE: 01/04/2021

SCALE: AS INDICATED DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



48 Springside Avenue
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BCP RI SOIL SAMPLING LOCATIONS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL BORING
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- AMBIENT INDOOR AIR
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- RADON

PROJECT NO.

560532



FIGURE 4

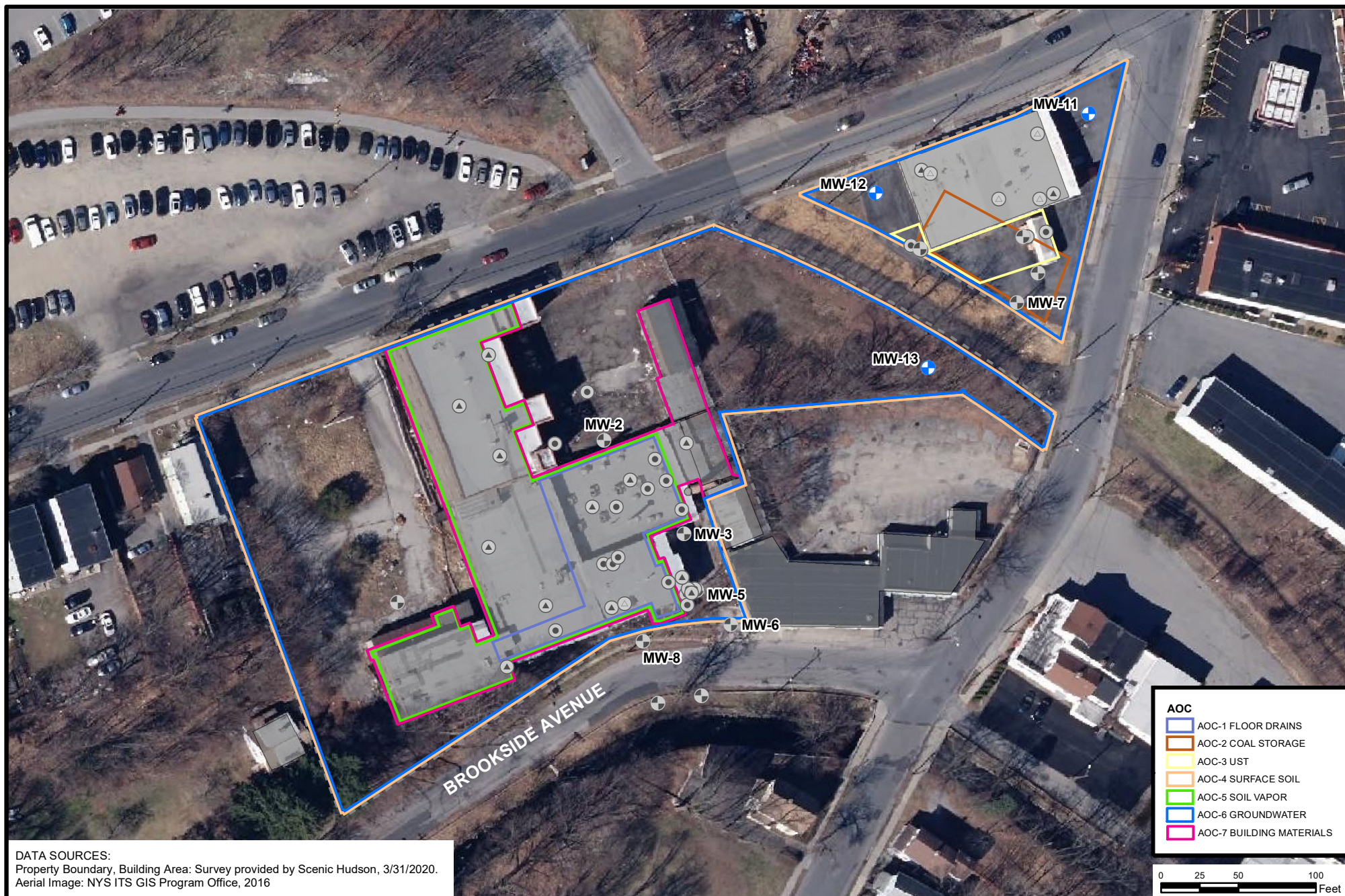
DATE: 01/04/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



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BCP RI GROUNDWATER MONITORING WELL LOCATIONS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- AMBIENT INDOOR AIR
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- RADON

PROJECT NO.
560532



FIGURE 5

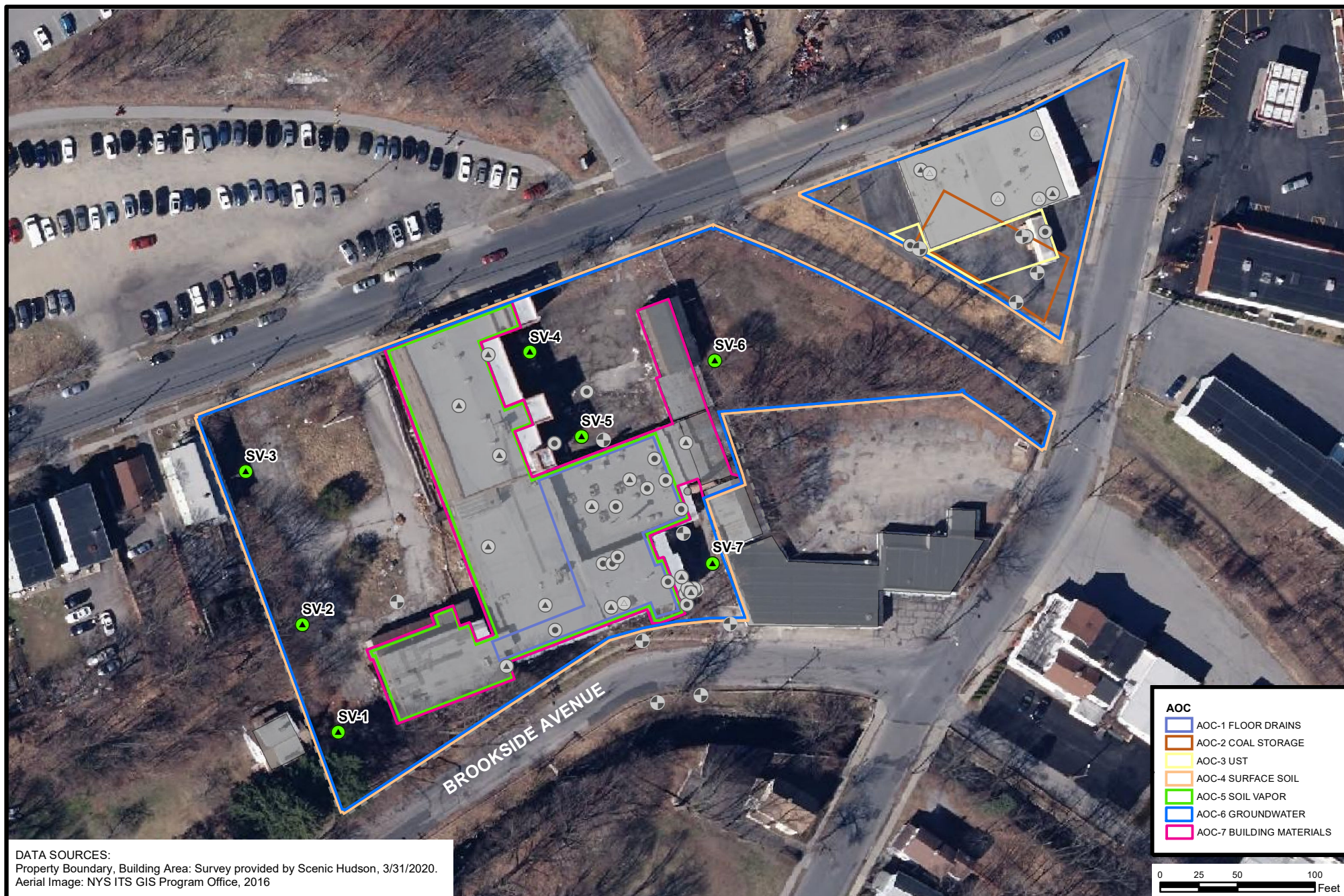
DATE: 01/04/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016



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BCP RI SOIL VAPOR SAMPLING LOCATIONS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL VAPOR
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- AMBIENT INDOOR AIR
- MONITORING WELL
- SOIL BORING
- SOIL VAPOR
- RADON

PROJECT NO.
560532



FIGURE 6

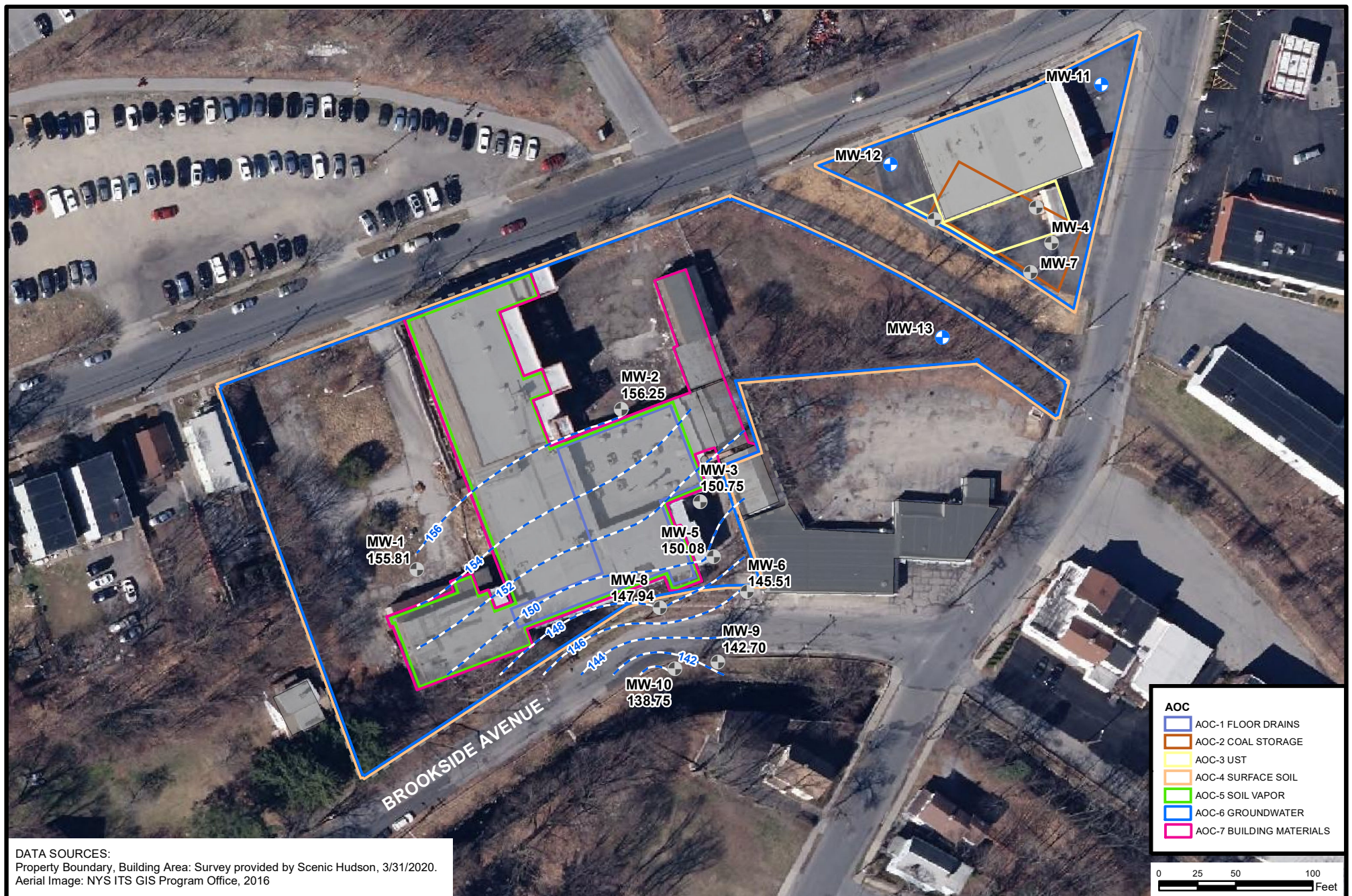
DATE: 01/04/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



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GROUNDWATER CONTOUR MAP BEDROCK MONITORING WELLS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- MONITORING WELL

PROJECT NO.
560532



FIGURE 7A

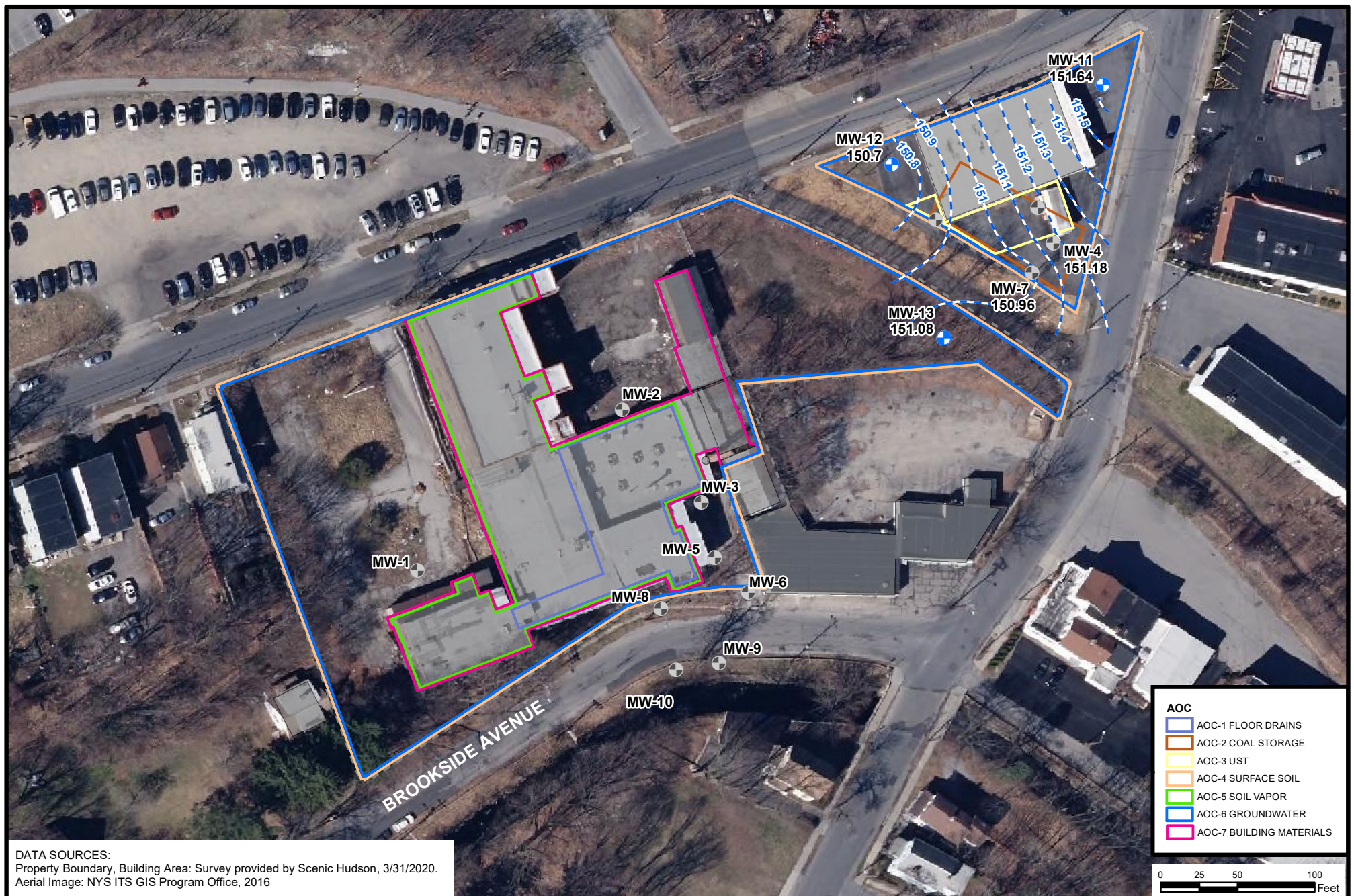
DATE: 03/11/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016



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GROUNDWATER CONTOUR MAP OVERBURDEN MONITORING WELLS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- MONITORING WELL

PROJECT NO.

560532



FIGURE 7B

DATE: 03/11/2021

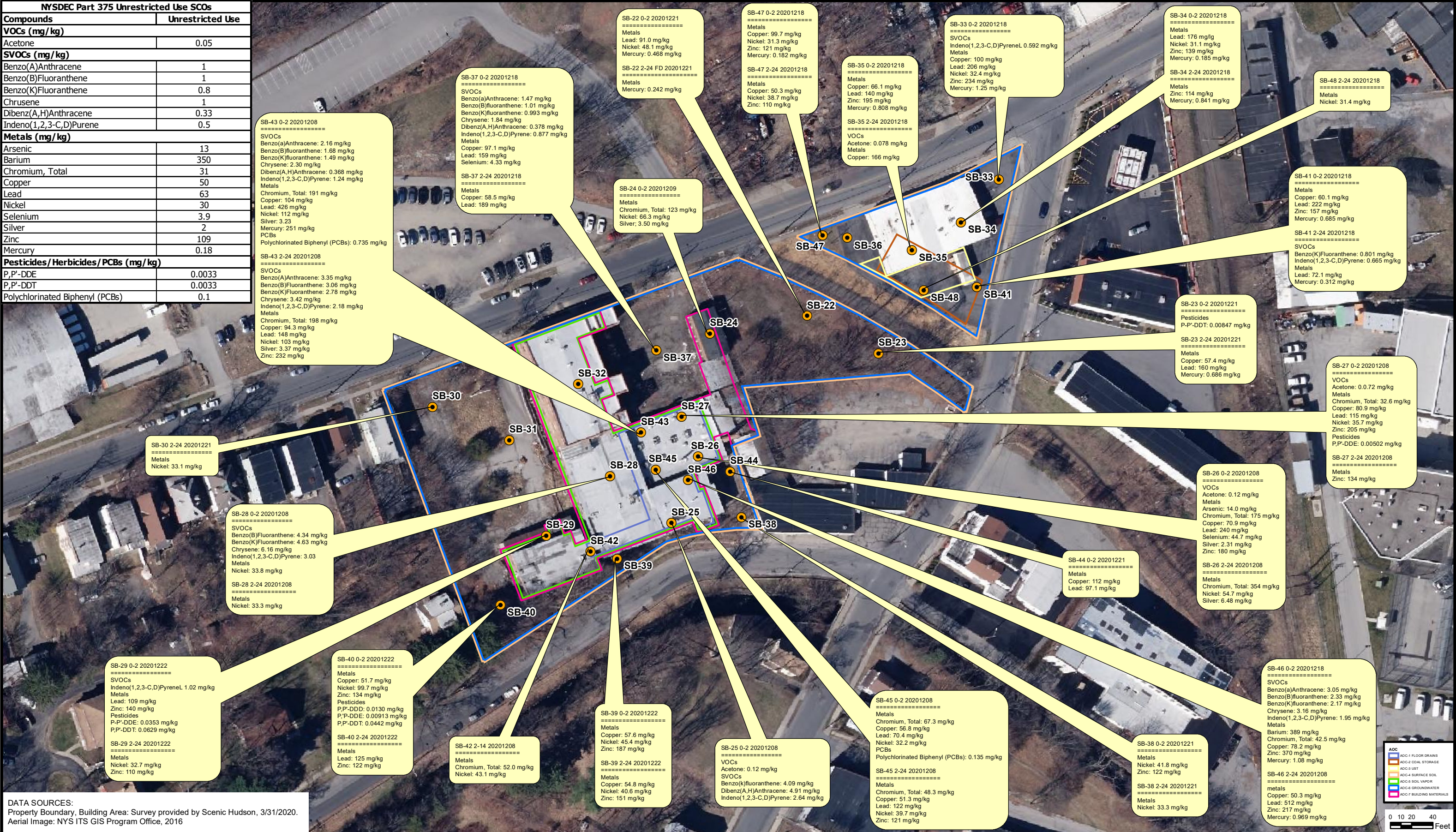
SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

NYSDEC Part 375 Unrestricted Use SCOs	
Compounds	Unrestricted Use
VOCs (mg/kg)	
Acetone	0.05
SVOCs (mg/kg)	
Benzo(A)Anthracene	1
Benzo(B)Fluoranthene	1
Benzo(K)Fluoranthene	0.8
Chrusene	1
Dibenz(A,H)Anthracene	0.33
Indeno(1,2,3-C,D)Pyrene	0.5
Metals (mg/kg)	
Arsenic	13
Barium	350
Chromium, Total	31
Copper	50
Lead	63
Nickel	30
Selenium	3.9
Silver	2
Zinc	109
Mercury	0.18
Pesticides/Herbicides/PCBs (mg/kg)	
P,P'-DDE	0.0033
P,P'-DDT	0.0033
Polychlorinated Biphenyl (PCBs)	0.1



DATA SOURCES:
Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
Aerial Image: NYS ITS GIS Program Office, 2016

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BCP RI SURFACE SOIL (0-2-FEET) EXCEEDANCES OF UUSCOs

58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL BORING
- BUILDING
- PARCEL / BCP

PROJECT NO.
560532

FIGURE 8A

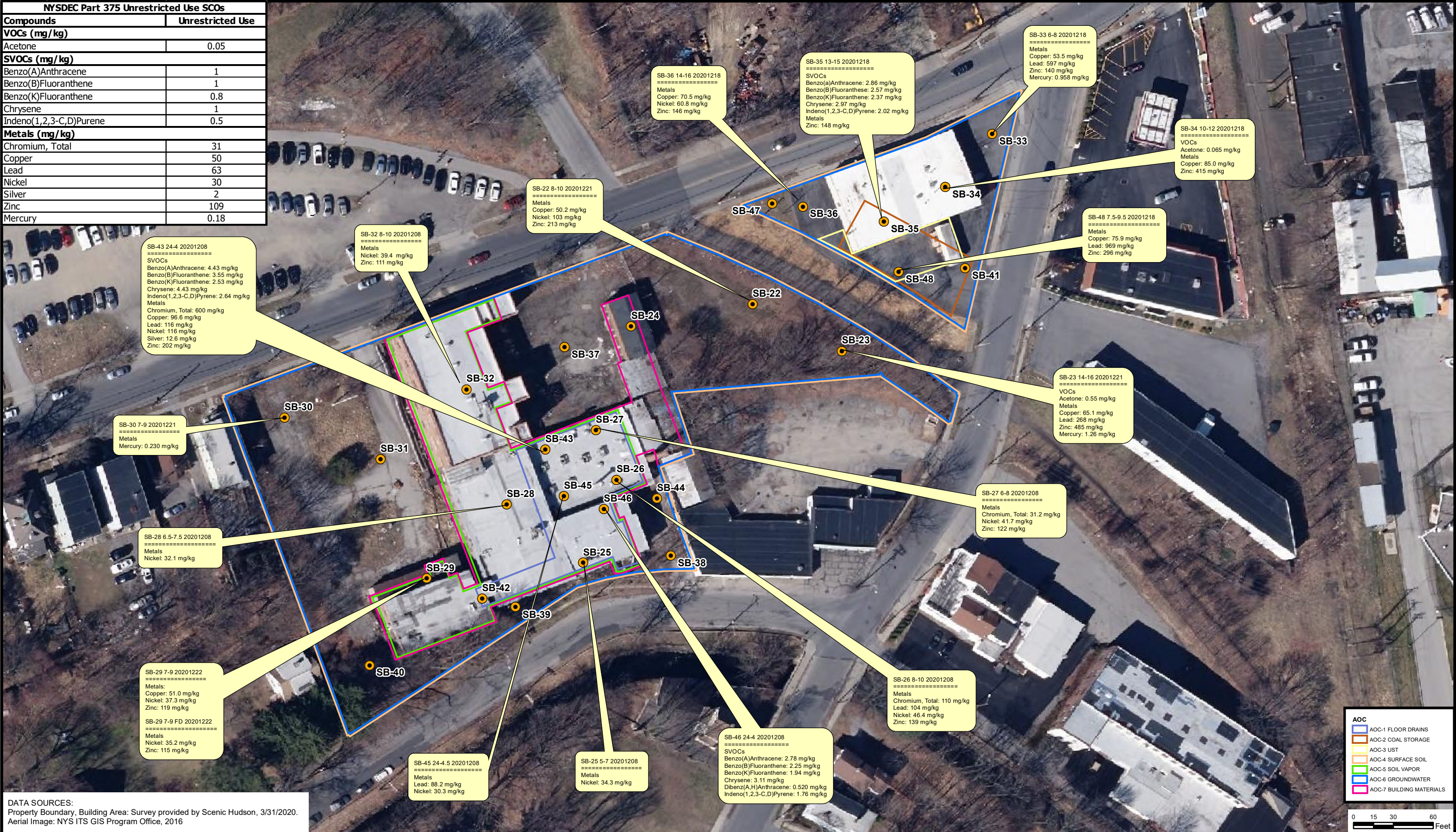
DATE: 03/01/2021

SCALE: AS INDICATED **DATUM:** NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

NYSDEC Part 375 Unrestricted Use SCOs	
Compounds	Unrestricted Use
VOCs (mg/kg)	
Acetone	0.05
SVOCs (mg/kg)	
Benzo(A)Anthracene	1
Benzo(B)Fluoranthene	1
Benzo(K)Fluoranthene	0.8
Chrysene	1
Indeno(1,2,3-C,D)Purene	0.5
Metals (mg/kg)	
Chromium, Total	31
Copper	50
Lead	63
Nickel	30
Silver	2
Zinc	109
Mercury	0.18



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BCP RI SUBSURFACE SOIL (>2-FEET) EXCEEDANCES OF UUSCOs

58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL BORING
- BUILDING
- PARCEL / BCP

PROJECT NO.
560532

FIGURE 8B

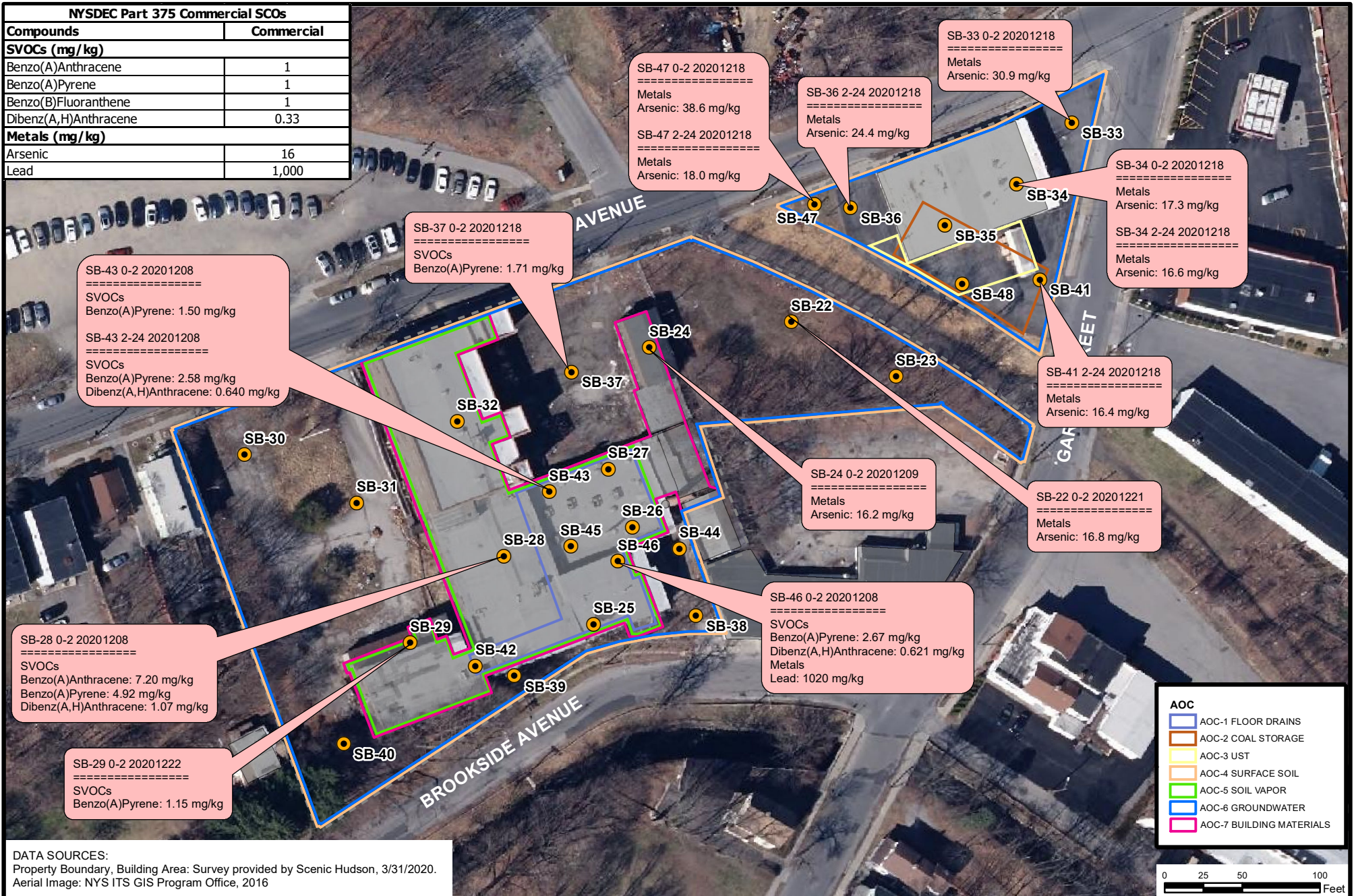
DATE: 03/01/2021

SCALE: AS INDICATED DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

NYSDEC Part 375 Commercial SCOs	
Compounds	Commercial
SVOCs (mg/kg)	
Benzo(A)Anthracene	1
Benzo(A)Pyrene	1
Benzo(B)Fluoranthene	1
Dibenz(A,H)Anthracene	0.33
Metals (mg/kg)	
Arsenic	16
Lead	1,000



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016



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**BCP RI SURFACE SOIL (0-2-FEET)
 EXCEEDANCES OF CSCOS**
 58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL BORING
- BUILDING AREA
- PARCEL / BCP

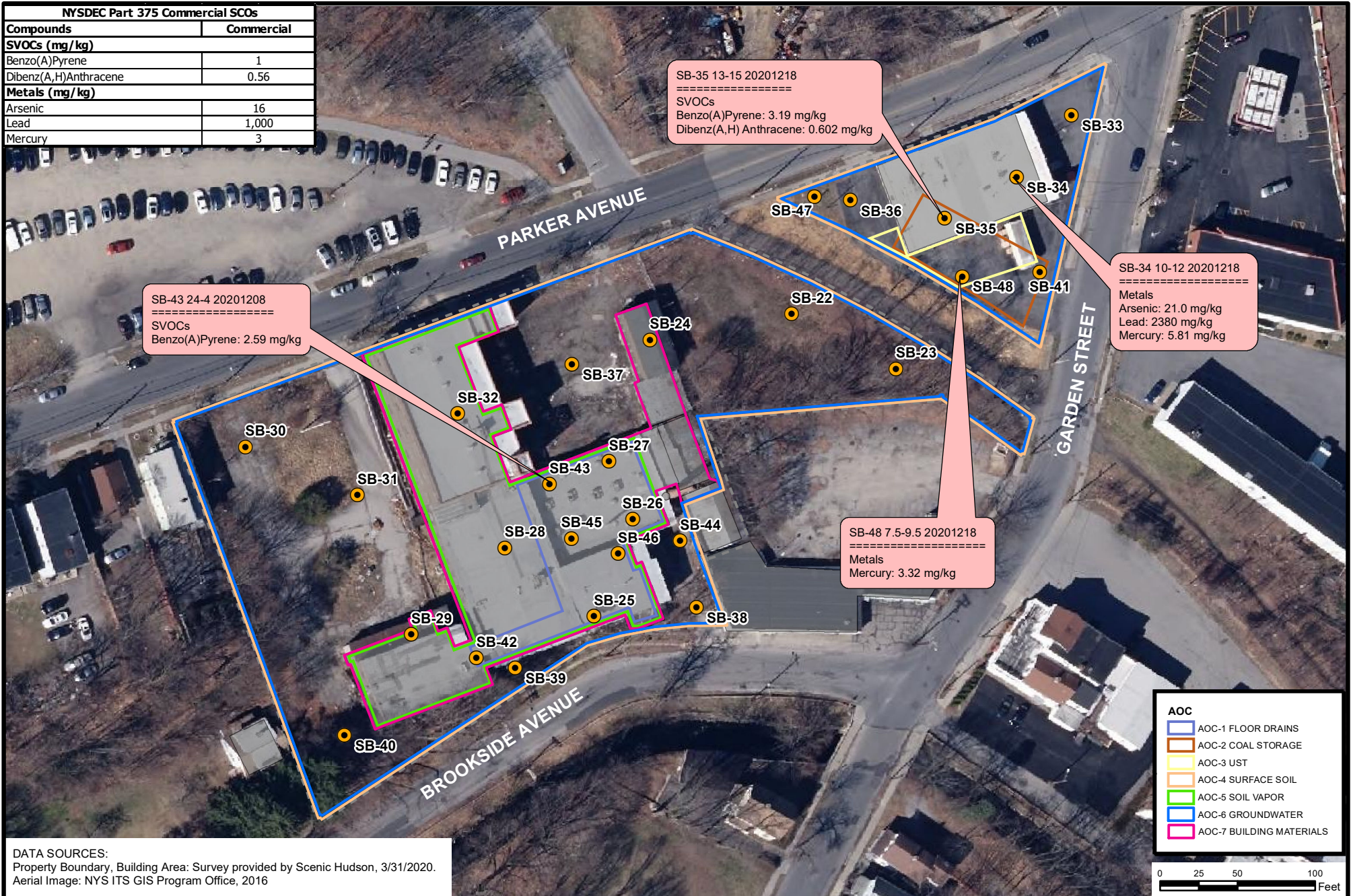
PROJECT NO.
 560532



FIGURE 9A

DATE: 03/01/2021
 SCALE: AS INDICATED DATUM: NAD83
 PROJECTION: STATE PLANE NY EAST (FT)
 ALL LOCATIONS APPROXIMATE

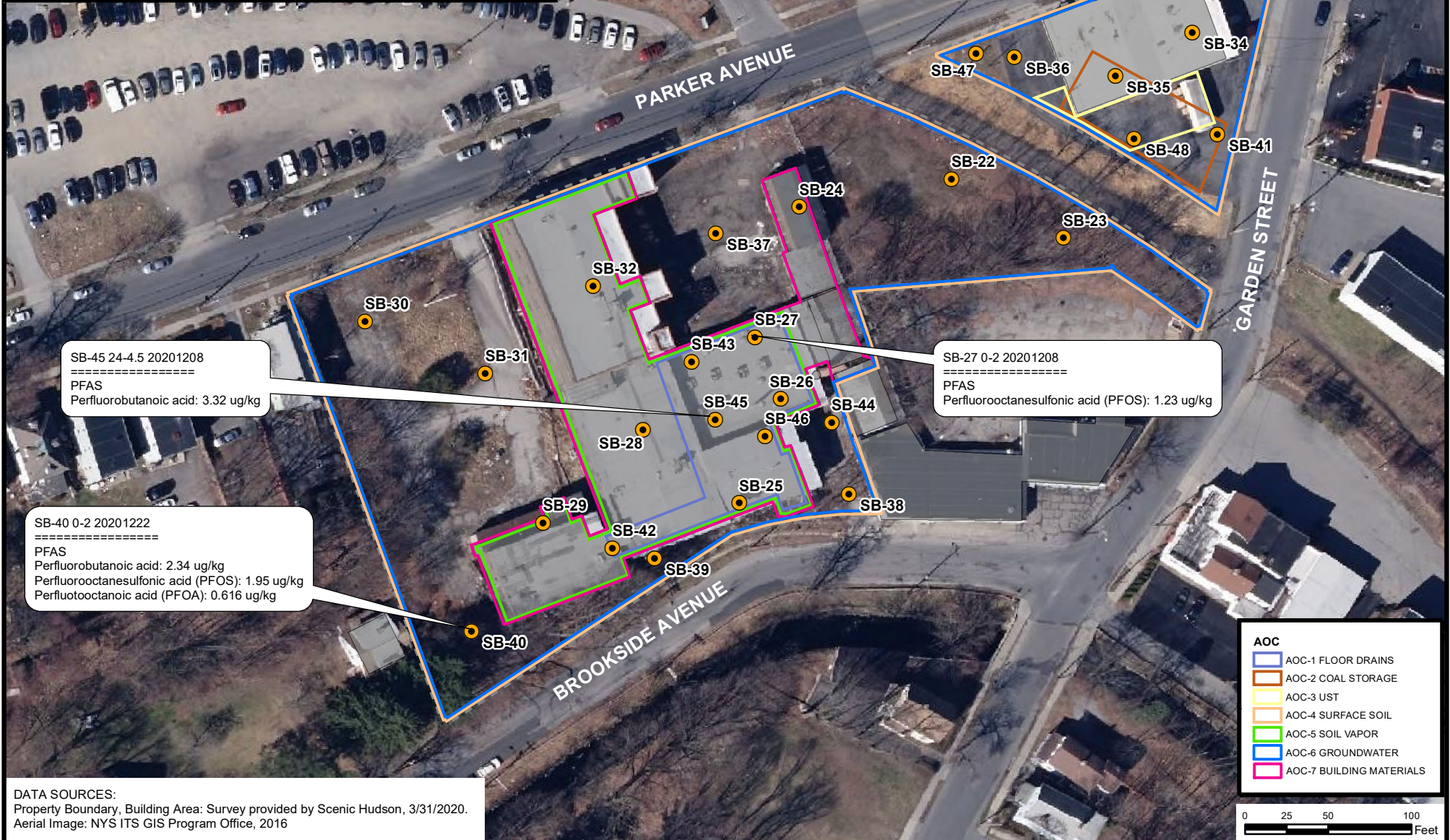
NYSDEC Part 375 Commercial SCOs	
Compounds	Commercial
SVOCs (mg/kg)	
Benzo(A)Pyrene	1
Dibenz(A,H)Anthracene	0.56
Metals (mg/kg)	
Arsenic	16
Lead	1,000
Mercury	3



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016

 48 Springside Avenue Poughkeepsie, NY 12603 Office: 845.454.2544 Fax: 845.454.2655	BCP RI SUBSURFACE SOIL (>2-FEET) EXCEEDANCES OF CSCOS 58 PARKER AVENUE & 164 PARKER AVENUE CITY OF POUGHKEEPSIE DUTCHESS COUNTY, NEW YORK	LEGEND SOIL BORING BUILDING AREA PARCEL / BCP	PROJECT NO. 560532	FIGURE 9B		
				DATE:	03/01/2021	
				SCALE: AS INDICATED	DATUM: NAD83	
				PROJECTION: STATE PLANE NY EAST (FT) ALL LOCATIONS APPROXIMATE		

NYSDEC Part 375 Unrestricted Use SCOs & Commercial SCOs		
Compounds	Unrestricted Use	Commercial
PFAS (ug/kg)		
Perfluorobutanoic Acid	NE	NE
Perfluorooctanesulfonic acid (PFOS)	0.88	440
Perfluorooctanoic acid (PFOA)	0.66	500



DATA SOURCES:
 Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
 Aerial Image: NYS ITS GIS Program Office, 2016



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BCP RI SOIL SAMPLES CONTAINING PFAS

58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL BORING
- BUILDING AREA
- PARCEL / BCP

PROJECT NO.
560532



FIGURE 10

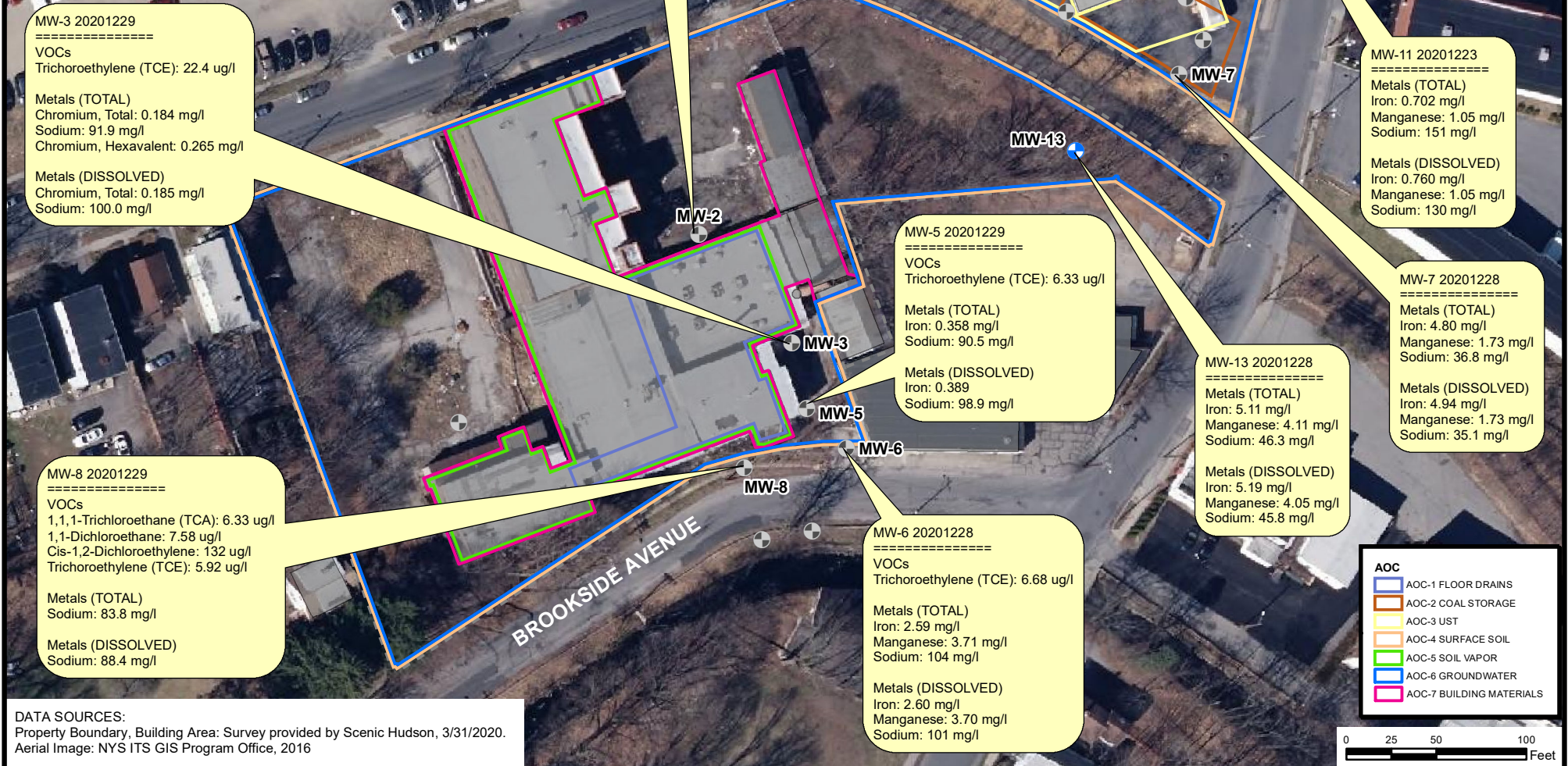
DATE: 01/26/2021

SCALE: AS INDICATED DATUM: NAD83

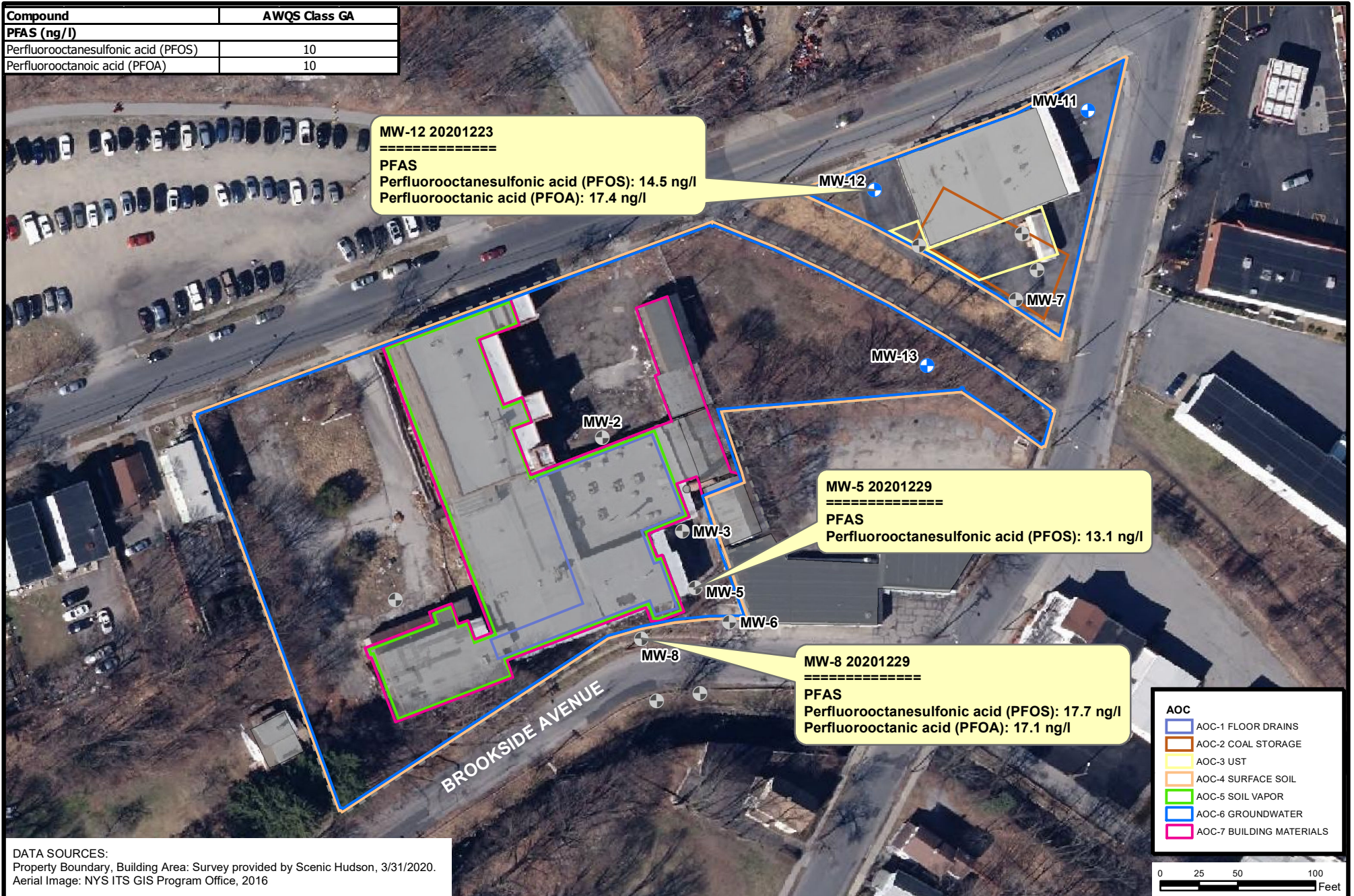
PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

Compound	AWQS Class GA
VOCs (ug/l)	
1,1,1-Trichloroethane (TCA)	5
1,1-Dichloroethane	5
Cis-1,2-Dichloroethylene	5
Trichloroethylene (TCE)	5
Metals (mg/l)	
Chromium, Hexavalent	0.05
Chromium, Total	0.05
Iron	0.3
Manganese	0.3
Sodium	20



Compound	AWQS Class GA
PFAS (ng/l)	
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	10



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**BCP RI GROUNDWATER
 EXCEEDING PART 375 MCLs**
 58 PARKER AVENUE & 164 GARDEN STREET
 CITY OF POUGHKEEPSIE
 DUTCHESS COUNTY, NEW YORK

LEGEND

- MONITORING WELL
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- MONITORING WELL

PROJECT NO.
 560532



FIGURE 12

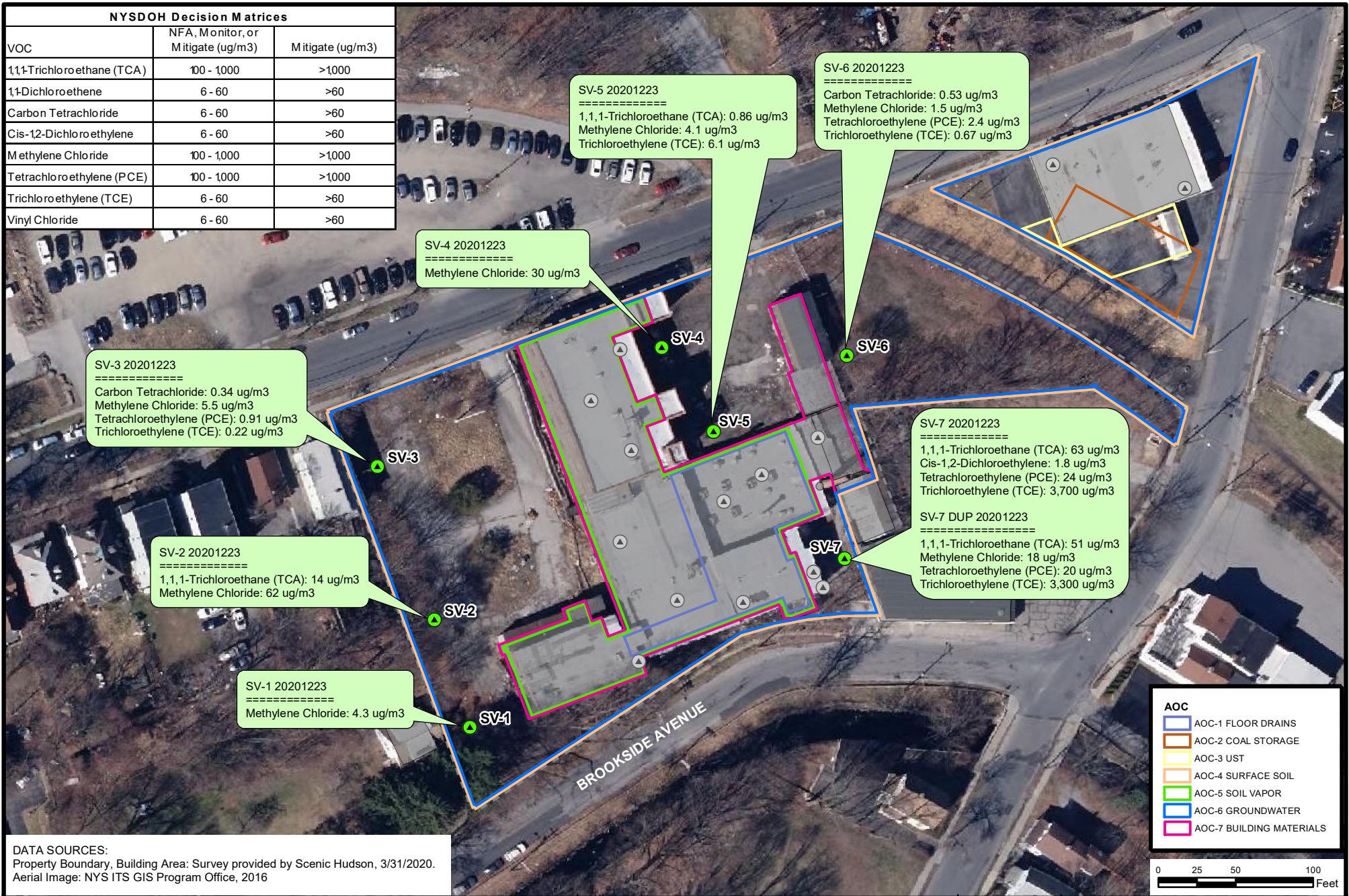
DATE: 01/26/2021

SCALE: AS INDICATED **DATUM:** NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

NYSDOH Decision Matrices		
VOC	NFA, Monitor, or Mitigate (ug/m3)	Mitigate (ug/m3)
1,1,1-Trichloroethane (TCA)	100 - 1000	>1000
1,1-Dichloroethene	6 - 60	>60
Carbon Tetrachloride	6 - 60	>60
Cis-1,2-Dichloroethylene	6 - 60	>60
Methylene Chloride	100 - 1000	>1000
Tetrachloroethylene (PCE)	100 - 1000	>1000
Trichloroethylene (TCE)	6 - 60	>60
Vinyl Chloride	6 - 60	>60



DATA SOURCES:
Property Boundary, Building Area: Survey provided by Scenic Hudson, 3/31/2020.
Aerial Image: NYS ITS GIS Program Office, 2016



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VAPOR SAMPLES - NYSDOH REGULATED COMPOUNDS

58 PARKER AVENUE & 164 GARDEN STREET
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK

LEGEND

- SOIL VAPOR
- BUILDING AREA
- PARCEL / BCP

PREVIOUS SAMPLE LOCATIONS

- SOIL VAPOR

PROJECT NO.

560532



FIGURE 13

DATE: 01/19/2021

SCALE: AS INDICATED

DATUM: NAD83

PROJECTION: STATE PLANE NY EAST (FT)

ALL LOCATIONS APPROXIMATE

TABLES

DRAFT

Table 1A - VOCs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

[illegible]

Notes:

- Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use, Soil Cleanup Objectives (UISOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
- Yellow shading designates those compounds detected at concentrations exceeding UISOs;
- Red shading designates those compounds detected at concentrations exceeding CSCOs;
- NE = No standard established;
- ND and U = Not detected at method detection limit for sample;
- U = The analyte was not detected above the reported sample quantitation limit;
- R = The samples result is rejected due to serious deficiencies in the ability to analyze the sample with equal control criteria;
- 1.5 = Equal control between the quantitation limit and half the quantitation limit

Table 1A - VOCs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

[illegible]

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use, Soil Cleanup Objectives (UISOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UISOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
U = The analysis was not detected above the reported sample quantitation limit;
R = The samples result is rejected due to serious deficiencies in the ability to analyze the sample meeting quality control criteria; &
1 = Result estimated between the quantitation limit and half the quantitation limit.

Table 1A - VOCs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVF File #560532

		Date Sampled		Property Location		12/17/2020		12/21/2020		12/8/2020		12/9/2020		12/17/2020		12/18/2020		12/19/2020		12/18/2020		12/19/2020		12/18/2020		12/19/2020			
		SB-31		SB-31		SB-31		SB-31		SB-32		SB-32		SB-32		SB-33		SB-34		SB-34		SB-35		SB-35		SB-35			
		0-2"		0-2"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"			
		SB-31 0-2 20211221		SB-31 1-2 24 20211221		SB-32 0-2 20210828		SB-32 2-24 20210828		SB-33 0-2 20211218		SB-33 2-24 20210828		SB-34 0-2 20210828		SB-34 2-24 20210828		SB-35 0-2 20210828		SB-35 2-24 20210828		SB-35 0-2 20210828		SB-35 2-24 20210828		SB-35 2-24 20210828			
Method	Analyte	CAS RN	UNSCOs	LC50s	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,1,1,2-Tetrachloroethane (TCA)	79-54-5	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,1,2,2-Tetrachloroethane	79-54-5	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2,1-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2,3-Trichlorobenzene	79-00-5	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-2	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,1-Dichlorobenzene	75-35-4	0.33	500	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,1-Dichloropropene	563-56-6	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2,3-Trichlorobenzene	87-61-6	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Dichloropropene	78-87-8	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	2,3-Dichlorobenzene	541-73-1	2.4	130	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2,4-Trimethylbenzene	95-63-6	3.6	190	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Dibromo-3-Chloropropene	96-12-8	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Dibromobenzene (Ethylene Dibromide)	106-93-4	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Dichlorobenzene	95-50-2	1.1	500	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Chloroethane	107-06-2	0.32	30	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,2-Chloropropane	78-87-5	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	6.4	130	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,3-Dichlorobenzene	541-73-1	2.4	130	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,3-Dichloropropane	142-28-9	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	2,2-Dichloropropane	594-20-7	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	2-Chlorobutane	95-49-8	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	2-Hexanone	591-78-6	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	4-Chlorobutanol	106-43-4	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Aroclene	67-64-1	0.05	500	mg/kg	ND<0.0084	mg/kg	U	ND<0.0085	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0099	mg/kg	U	ND<0.0099	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0096	mg/kg	U
SW8260	Aroclene	107-02-8	NE	NE	mg/kg	ND<0.0084	mg/kg	U	ND<0.0085	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0099	mg/kg	U	ND<0.0099	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0096	mg/kg	U	ND<0.0096	mg/kg	U
SW8260	Acrylonitrile	107-13-1	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Benzene	71-43-2	0.06	44	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Bromobenzene	108-86-1	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Bromobenzene	74-97-5	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Bromodichloromethane	75-27-4	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Bromoforn	75-25-2	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Bromobenzene	74-83-9	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Carbon Tetrachloride	76-14-0	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Chlorobenzene	108-90-7	0.1	500	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Chloroethane	75-00-3	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Chloroforn	67-66-3	0.37	30	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Chloroethane	74-83-2	NE	NE	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U	ND<0.0051	mg/kg	U
SW8260	Cis-1,2-Dichloroethylene	156-59-2	0.25	500	mg/kg	ND<0.0042	mg/kg	U	ND<0.0042	mg/kg	U	ND<0.0048	mg/kg	U	ND<0.0049	mg/kg	U	ND<0.0046	mg/kg	U	ND<0.0044	mg/kg	U	ND<0.0045	mg/kg	U			

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UISOs), and Commercial Use Soil Cleanup Objectives (CSOs);
Yellow shading designates those compounds detected at concentrations exceeding UISOs;
Red shading designates those compounds detected at concentrations exceeding CSOs;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
U = The analyte was not detected above the reported sample quantitation limit;
K = The sample result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria;
U = Equal or greater than the quantitation limit and half the quantitation limit

Table 1A - VOCs in Surface Soil Samples
 Compared to UUSCOs and CSOCs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Hempstead, NY
 NYSDCEC Site #C314131
 PVE File #560532

		Date Sampled		Property Location		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/21/2020		12/21/2020		12/22/2020		12/22/2020		12/22/2020		12/22/2020			
		Sample ID		SB-36 0-2 20201218		SB-36 2-4 20201218		SB-37 0-2 20201218		SB-37 2-4 20201218		SB-38 0-2 20201221		SB-38 2-4 20201221		SB-39 0-2 20201222		SB-39 2-4 20201222		SB-40 0-2 20201222		SB-40 2-4 20201222					
Method	Analyte	CAS RN	UUSCOs	CSOCs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SWR260	1,4-Dioxane (P-Dioxane)	123-91-1	1	50	mg/kg																						
SWR260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0053	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1,1,1-Tetrachloroethane (TCA)	71-55-6	0.68	500	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1,2-Trichloro-2,2,2-Trifluoroethane	79-13-1	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1,2-Trichloroethane	79-00-5	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1-Dichloroethane	75-34-3	0.27	240	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1-Dichloroethane	75-35-4	0.33	500	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,1-Dichloropropane	593-59-6	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2,3-Trichlorobenzene	87-61-6	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2,3-Trichloropropane	96-18-4	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2,4-Trichlorobenzene	120-82-1	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2,4-Trimethylbenzene	95-63-6	3.6	190	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2-Dibromobenzene (Ethylene Dibromide)	106-93-4	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2-Dichlorobenzene	95-50-1	1.1	500	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2-Dichlorobenzene	107-86-2	0.02	30	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,2-Dichloropropane	78-57-5	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	100	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,3,5-Trichlorobenzene	541-73-1	2.4	280	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,3-Dichloropropane	142-28-9	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	2,2-Dichloropropane	594-20-7	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	2-Chlorotoluene	95-49-8	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	2-Hexanone	591-78-6	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	4-Chlorotoluene	106-43-4	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Acetone	67-64-1	0.05	500	mg/kg	ND<0.0075	mg/kg	0.016	mg/kg	ND<0.016	mg/kg	ND<0.063	mg/kg	ND<0.027	mg/kg	ND<0.053	mg/kg	ND<0.092	mg/kg	ND<0.090	mg/kg	ND<0.10	mg/kg	ND<0.12	mg/kg	ND<0.12	mg/kg
SWR260	Acrylonitrile	107-13-3	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Benzene	71-43-2	0.06	44	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Bromobenzene	106-86-1	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Bromochloromethane	74-97-5	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Bromodichloromethane	75-27-4	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Bromofluoromethane	75-25-2	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Bromomethane	74-83-9	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Carbon Disulfide	75-15-0	NE	NE	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Carbon Tetrachloride	56-23-5	0.76	22	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0051	mg/kg	ND<0.0060	mg/kg
SWR260	Chlorobenzene	108-90-7	1.1	500	mg/kg	ND<0.0037	mg/kg	ND<0.0052	mg/kg	ND<0.0081	mg/kg	ND<0.0063	mg/kg	ND<0.0027	mg/kg	ND<0.0027	mg/kg	ND<0.0046	mg/kg	ND<0.0051	mg/kg						

Table 1A - VOCs in Surface Soil Samples
 Compared to UUSCOs and CSOCs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Hempstead, NY
 NYSDCEC Site #C314131
 PVE File #560532

Method	Analyte	CAS RN	Unit	Date Sampled		Property Location	Sample Depth	12/18/2020		12/18/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/21/2020		12/21/2020		12/21/2020			
				164 Garden Street				164 Garden Street		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue	
				SB-41 0-2-20201218				SB-41 0-2-20201218		SB-42 0-2-20201208		SB-42 0-2-20201208		SB-43 0-2-20201208		SB-43 0-2-20201208		SB-44 0-2-20201221		SB-44 0-2-20201221		SB-44 0-2-20201221		SB-44 0-2-20201221		SB-44 0-2-20201221	
				Result	Unit			Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit
SWR260	1,4-Dioxane (P-Dioxane)	123-91-1	1	130	mg/kg	U	R	U	R	U	R	U	R	U	R	U	R	U	R	U	R	U	R	U	R		
SWR260	1,1,2,2-Tetrachloroethane	630-20-6	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	500	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1,2-Trichloroethane	79-00-5	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1-Dichloroethane	75-34-3	0.27	240	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,1-Dichloroethane	75-35-4	0.33	500	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,4-Dichlorobenzene	95-93-6	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2,3-Trichlorobenzene	87-61-6	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2,3-Trichloropropane	96-18-4	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2,4-Trichlorobenzene	120-82-1	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2,4-Trimethylbenzene	95-63-6	3.6	190	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2-Dibromomethane (Ethylene Dibromide)	106-93-4	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2-Dichlorobenzene	95-50-1	1.1	500	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2-Dichloroethane	107-06-2	0.02	30	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,2-Dichloropropane	78-57-5	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,3-Dichlorobenzene	141-73-1	2.4	280	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,3-Dichloropropane	142-29-9	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	2-Chlorodichloroethane	594-20-7	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	2-Chlorodichloroethane	95-49-8	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	2-Hexanone	591-78-6	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	4-Chlorotoluene	106-43-4	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Acetone	67-64-1	0.05	500	mg/kg	ND<0.0086	mg/kg	ND<0.010	mg/kg	ND<0.0097	mg/kg	ND<0.011	mg/kg	ND<0.012	mg/kg	ND<0.010	mg/kg	ND<0.018	mg/kg	ND<0.0086	mg/kg	ND<0.014	mg/kg	U	U		
SWR260	Acetone	107-02-8	NE	NE	mg/kg	ND<0.0086	mg/kg	ND<0.010	mg/kg	ND<0.0097	mg/kg	ND<0.011	mg/kg	ND<0.012	mg/kg	ND<0.010	mg/kg	ND<0.018	mg/kg	ND<0.0086	mg/kg	ND<0.014	mg/kg	U	U		
SWR260	Acrylonitrile	107-13-1	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Benzene	71-43-2	0.06	44	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromobenzene	106-86-1	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromochloromethane	74-97-5	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromodichloromethane	75-27-4	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromodichloromethane	75-27-4	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromomethane	75-25-2	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Bromomethane	74-83-9	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Carbon Disulfide	75-15-0	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Carbon Tetrachloride	56-23-5	0.76	22	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Chlorobenzene	108-90-7	1.1	500	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Chloroethane	75-00-3	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Chloroform	67-66-3	0.37	350	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg	U	U		
SWR260	Chloromethane	74-87-3	NE	NE	mg/kg	ND<0.0043	mg/kg	ND<0.0052	mg/kg	ND<0.0049	mg/kg	ND<0.0053	mg/kg	ND<0.0059	mg/kg	ND<0.0052	mg/kg	ND<0.0089	mg/kg	ND<0.0043	mg/kg	ND<0.0068	mg/kg				

Table 1A - VOCs in Surface Soil Samples
 Compared to UUSCOs and CSOCs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDOT Site #C314131
 PVE File #560532

		Date Sampled		Property Location		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		
		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		
		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		
		SB-45-0-2m 20201208		SB-45-2-24m 20201208		SB-46-0-2 20201208		SB-46-2-24m 20201208		SB-47-0-2 20201218		SB-47-2-24 20201218		SB-48-0-2 20201218		SB-48-2-24 20201218		SB-48-2-24 20201218		SB-48-2-24 20201218		
Method	Analyte	CAS RN	US/COS	US/COS	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	
SWR260	1,4-Dioxane (P-Dioxane)	123-91-1	1	130	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,1,1,2-Tetrachloroethane	630-20-6	NE	NE																		
SWR260	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,1,2,2-Tetrachloroethane	79-34-5	NE	NE																		
SWR260	1,2,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NE	NE																		
SWR260	1,2,2-Trichloroethane	79-00-5	NE	NE																		
SWR260	1,1-Dichloroethane	75-34-3	0.27	240	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,1-Dichloroethane	75-35-4	0.33	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,1-Dichloropropane	593-59-6	NE	NE																		
SWR260	1,2-Dichlorobenzene	95-50-1	NE	NE																		
SWR260	1,2,3-Trichloropropane	96-18-4	NE	NE																		
SWR260	1,2,4-Trichlorobenzene	120-82-1	NE	NE																		
SWR260	1,2,4-Trimethylbenzene	95-63-6	1.6	190	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,2-Dibromo-3-Chloropropane	96-12-8	NE	NE																		
SWR260	1,2-Dibromomethane (Ethylene Dibromide)	106-93-4	NE	NE																		
SWR260	1,2-Dichlorobenzene	95-50-1	1.1	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,2-Dichlorobenzene	107-06-2	0.02	30	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,2-Dichloropropane	78-87-5	NE	NE																		
SWR260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,3-Dichlorobenzene	541-73-1	2.4	280	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	1,4-Dichlorobenzene	142-29-9	NE	NE																		
SWR260	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	2,2-Dichloropropane	594-20-7	NE	NE																		
SWR260	2-Chloroethanol	95-49-8	NE	NE																		
SWR260	2-Hexanone	591-78-6	NE	NE																		
SWR260	4-Chlorotoluene	106-43-4	NE	NE																		
SWR260	Acetone	67-64-1	0.05	500	mg/kg	0.014	mg/kg	U	ND	0.010	mg/kg	U	0.011	mg/kg	U	ND	0.0096	mg/kg	U	0.0059	mg/kg	U
SWR260	Aniline	107-00-1	NE	NE																		
SWR260	Azobenzene	107-13-1	NE	NE																		
SWR260	Benzene	71-43-2	0.06	44	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Bromobenzene	106-86-1	NE	NE																		
SWR260	Bromochloromethane	74-97-5	NE	NE																		
SWR260	Bromodichloromethane	75-27-4	NE	NE																		
SWR260	Bromomethane	75-25-2	NE	NE																		
SWR260	Bromomethane	74-83-9	NE	NE																		
SWR260	Carbon Disulfide	75-15-0	NE	NE																		
SWR260	Carbon Tetrachloride	56-23-5	0.76	22	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Chlorobenzene	108-90-7	1.1	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Chloroethane	75-00-3	NE	NE																		
SWR260	Chloroform	67-66-3	0.37	250	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Chloromethane	74-87-3	NE	NE																		
SWR260	Cis-1,2-Dichloroethylene	156-59-2	0.25	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Cis-1,3-Dichloropropene	10061-01-5	NE	NE																		
SWR260	Cyclohexane	110-82-7	NE	NE																		
SWR260	Dibromochloromethane	124-48-1	NE	NE																		
SWR260	Dibromomethane	74-95-3	NE	NE																		
SWR260	Dichlorodifluoromethane	75-71-8	NE	NE																		
SWR260	Dichloromethane	106-41-4	1	390	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Hexachlorobutadiene	87-68-3	NE	NE																		
SWR260	Isopropylbenzene (Cumene)	98-82-8	NE	NE																		
SWR260	Methyl Acetate	79-20-9	NE	NE																		
SWR260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE																		
SWR260	Methylcyclohexane	108-87-2	NE	NE																		
SWR260	Methylene Chloride	75-09-2	0.05	500	mg/kg	ND	0.011	mg/kg	U	ND	0.010	mg/kg	U	ND	0.0098	mg/kg	U	ND	0.0096	mg/kg	U	
SWR260	M-P-Xylene	136777-61-2	0.26	500	mg/kg	ND	0.011	mg/kg	U	ND	0.010	mg/kg	U	ND	0.0098	mg/kg	U	ND	0.0096	mg/kg	U	
SWR260	N-Butylbenzene	104-51-8	12	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	N-Propylbenzene	103-65-1	3.9	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	0.26	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Hexachlorobutadiene	87-68-3	NE	NE																		
SWR260	Isopropylbenzene (Cumene)	98-82-8	NE	NE																		
SWR260	Methyl Acetate	79-20-9	NE	NE																		
SWR260	Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NE	NE																		
SWR260	Methylcyclohexane	108-87-2	NE	NE																		
SWR260	Methylene Chloride	75-09-2	0.05	500	mg/kg	ND	0.011	mg/kg	U	ND	0.010	mg/kg	U	ND	0.0098	mg/kg	U	ND	0.0096	mg/kg	U	
SWR260	M-P-Xylene	136777-61-2	0.26	500	mg/kg	ND	0.011	mg/kg	U	ND	0.010	mg/kg	U	ND	0.0098	mg/kg	U	ND	0.0096	mg/kg	U	
SWR260	N-Butylbenzene	104-51-8	12	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	N-Propylbenzene	103-65-1	3.9	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	O-Xylene (1,2-Dimethylbenzene)	95-47-6	0.26	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	P-Cymene (P-Isopropyltoluene)	CYMP	NE	NE																		
SWR260	Sec-Butylbenzene	135-98-8	11	500	mg/kg	ND	0.0056	mg/kg	U	ND	0.0056	mg/kg	U	ND	0.0049	mg/kg	U	ND	0.0048	mg/kg	U	
SWR260	Styrene	100-42-5	NE	NE																		

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCO);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
U = The analyte was not detected above the reported sample quantitation limit;
B = Analyte detected in associated analysis batch blank;
J = Result estimated between the quantitation limit and half the quantitation limit.

Method	Analyte	CAS RN	LUSCOs	Unit	12/21/2020 58 Parker Avenue SB-22 0-2'				12/21/2020 58 Parker Avenue SB-22 2-24'				12/21/2020 58 Parker Avenue SB-22 2-24 FD				12/21/2020 58 Parker Avenue SB-23 0-2'				12/21/2020 58 Parker Avenue SB-23 2-24				12/9/2020 58 Parker Avenue SB-24 0-2'				12/9/2020 58 Parker Avenue SB-24 2-24				12/8/2020 58 Parker Avenue SB-25 0-2'				12/8/2020 58 Parker Avenue SB-25 2-24			
					Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q			
					Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q			
					Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q			
SW8720	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	1,2,4-Trichlorobenzene	120-62-1	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	1,2-Dichlorobenzene	95-59-1	1	500	mg/kg	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	1,2-Diphenylhydrazine	122-66-7	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	1,3-Dichlorobenzene	541-73-1	2.4	280	mg/kg	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	1,4-Dichlorobenzene	106-76-1	1.8	130	mg/kg	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,3,6-Trichlorophenol	58-39-2	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	2,4,5-Trichlorophenol	95-95-4	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,4,6-Trichlorophenol	88-06-2	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,4-Dichlorophenol	120-83-2	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,4-Dimethylphenol	105-67-8	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,4-Dinitrophenol	51-28-5	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	2,4-Dinitrotoluene	121-14-2	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2,6-Dinitrotoluene	606-29-2	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2-Chlorophenol	91-58-7	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2-Chlorophenol	95-57-8	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2-Methylnaphthalene	91-57-6	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2-Methylphenol (O-Cresol)	95-48-7	0.33	500	mg/kg	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	2-Nitrobenzene	98-74-4	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	2-Nitrophenol	88-75-5	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	3- And 4- Methylphenol (Total)	MEP+MPH4	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	3,3'- Dichlorobenzidine	91-94-1	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	3-Nitrobenzene	99-09-2	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	4,6-Dinitro-2-Methylphenol	534-52-1	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	4-Bromophenyl Phenyl Ether	101-55-3	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	4-Chloro-3-Methylphenol	59-59-7	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	4-Chlorophenol	106-47-8	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	4-Chlorophenyl Phenyl Ether	1075-72-3	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U			
SW8720	4-Nitroaniline	100-01-6	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	4-Nitrophenol	100-42-7	NE	NE	NS	NS	NS	NS	ND<0.189	mg/kg U	NS	ND<0.193	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U	NS	NS	ND<0.185	mg/kg U	ND<0.183	mg/kg U			
SW8720	Acamethazine	83-32-9	20	500	mg/kg	ND<0.0485	mg/kg U	NS	ND<0.0956	mg/kg U	NS	ND<0.0967	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U			
SW8720	Acamethazine	1018-66-8	110	500	mg/kg	ND<0.0485	mg/kg U	NS	ND<0.0956	mg/kg U	NS	ND<0.0967	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U	NS	NS	ND<0.0953	mg/kg U	ND<0.0953	mg/kg U			
SW8720	Acetophenone	98-86-2	NE	NE	NS	NS	NS	NS	ND<0.0945	mg/kg U	NS	ND<0.0968	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<0.0924	mg/kg U	ND<0.0917	mg/kg U	NS	NS	ND<												

Table 1B - SVOCs in Surface Soil Samples
 Compared to USCSOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDC Site #C31431
 PVE File #560532

		Date Sampled		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/22/2020		12/22/2020		12/21/2020		12/21/2020							
		Property Location		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue							
		Sample ID		SB-26 0-2"		SB-26 2-24"		SB-27 0-2"		SB-27 2-24"		SB-28 0-2"		SB-28 2-24"		SB-29 0-2"		SB-29 2-24"		SB-30 0-2"		SB-30 2-24"		SB-30 2-24"							
		Sample Depth		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID							
Method	Analyte	CAS RN	USCSO	NSD	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit						
SWR270	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	1,2,4-Trichlorobenzene	120-82-1	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	1,2-Dichlorobenzene	95-50-1	1.1	500	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	1,2-Diphenylhydrazine	122-66-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	1,3-Dichlorobenzene	541-73-1	2.4	280	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,3,4,6-Tetrachlorophenol	58-90-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	2,4,5-Trichlorophenol	95-95-4	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,4,6-Trichlorophenol	88-46-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,4-Dichlorophenol	120-83-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,4-Dimethylphenol	105-67-9	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,4-Dinitrophenol	51-28-5	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	2,4-Dinitrotoluene	121-14-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2,6-Dinitrotoluene	606-20-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2-Chloronaphthalene	91-58-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2-Chlorophenol	95-57-8	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2-Methylnaphthalene	91-57-6	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.155	mg/kg	NS	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2-Methylphenol (O-Cresol)	95-48-7	0.33	500	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	2-Nitroaniline	88-74-4	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	2-Nitrophenol	88-75-5	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	3- And 4- Methylphenol (Total)	MEHQ3MEPH4	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	3,3'-Dichlorobenzidine	91-94-1	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	3-Nitroaniline	99-09-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	4,6-Dinitro-2-Methylphenol	534-52-1	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	4-Bromobenzyl Phenyl Ether	101-55-3	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	4-Chloro-3-Methylphenol	59-50-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	4-Chloroaniline	106-47-8	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS						
SWR270	4-Nitroaniline	100-01-6	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	4-Nitrophenol	100-02-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	Acenaphthene	83-32-9	20	500	mg/kg	ND< 0.0878	mg/kg	U	ND< 0.100	mg/kg	U	ND< 0.0965	mg/kg	U	ND< 0.103	mg/kg	U	1.09	mg/kg	ND< 0.0943	mg/kg	U	0.0492	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Acenaphthylene	208-96-8	100	500	mg/kg	ND< 0.0878	mg/kg	U	ND< 0.100	mg/kg	U	ND< 0.0965	mg/kg	U	ND< 0.103	mg/kg	U	1.82	mg/kg	0.0874	mg/kg	U	1.47	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Acetophenone	98-06-2	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Aniline	62-53-3	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND< 0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS						
SWR270	Anthrane	120-12-7	100	500	mg/kg	ND< 0.0878	mg/kg	U	ND< 0.100	mg/kg	U	0.0756	mg/kg	U	ND< 0.103	mg/kg	U	4.16	mg/kg	0.182	mg/kg	U	0.668	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Atrazine	1912-24-9	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Benzaldehyde	100-52-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Benidrine	92-87-5	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND< 0.176	mg/kg	U	ND<0.184	mg/kg	U	NS	NS					
SWR270	Benzo(A)Anthracene	56-55-3	1	5.6	mg/kg	0.0940	mg/kg	U	ND< 0.100	mg/kg	U	0.215	mg/kg	U	ND< 0.103	mg/kg	U	7.30	mg/kg	0.308	mg/kg	U	0.659	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Benzo(A)Pyrene	50-12-8	1	1	mg/kg	0.0744	mg/kg	U	ND< 0.100	mg/kg	U	0.231	mg/kg	U	ND< 0.103	mg/kg	U	4.92	mg/kg	0.219	mg/kg	U	1.15	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Benzo(B)Fluoranthene	205-99-2	1	5.6	mg/kg	0.0639	mg/kg	U	ND< 0.100	mg/kg	U	0.184	mg/kg	U	ND< 0.103	mg/kg	U	4.34	mg/kg	0.181	mg/kg	U	0.720	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Benzo(G,H)Perylene	191-24-2	100	500	mg/kg	0.0533	mg/kg	U	ND< 0.100	mg/kg	U	0.127	mg/kg	U	ND< 0.103	mg/kg	U	2.73	mg/kg	0.130	mg/kg	U	1.32	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Benzo(K)Fluoranthene	207-08-9	0.8	56	mg/kg	0.0639	mg/kg	U	ND< 0.100	mg/kg	U	0.190	mg/kg	U	ND< 0.103	mg/kg	U	4.63	mg/kg	0.231	mg/kg	U	0.676	mg/kg	U	ND<0.0958	mg/kg	U	ND<0.0960	mg/kg	U
SWR270	Benzoic Acid	65-85-0	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Benzyl Alcohol	100-51-6	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Benzyl Butyl Phthalate	85-68-7	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Biphenyl (Diphenyl)	92-52-4	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Bis(2-Chloroethyl) Methane	111-91-1	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND<0.0879	mg/kg	U	ND<0.0920	mg/kg	U	NS	NS					
SWR270	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NE	NS	mg/kg	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS</															

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCO);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCO;
NS = Not sampled for this compound;
FD = Field Duplicate;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
Y = The analyte was not detected above the reported sample quantitation limit;
B = Analyte detected in associated analysis batch blank;
1 = Result estimated between the quantitation limit and half the quantitation limit

Notes:

- Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UISOs), and Commercial Use Soil Cleanup Objectives (CSOs);
- Shading designates chemicals/compounds detected at concentrations exceeding UISOs;
- Red shading designates those compounds detected at concentrations exceeding CSOs;
- ND = Not sampled for this compound;
- FD = Field Duplicate;
- NE = No standard established;
- U = U = Not detected at method detection limit for sample;
- UJ = The analyte was not detected above the reported sample quantitation limit;
- B = Analyte detected in associated analysis batch blank;
- J = Result estimated between the quantitation limit and half the quantitation limit.

Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (USCOs), and Commercial Use Soil Cleanup Objectives (CUSCOs).
 Yellow shading designates those compounds detected at concentrations exceeding CUSCO.
 Red shading designates those compounds detected at concentrations exceeding CUSCO.
 NS = Not sampled for this compound;
 FD = Field Duplicate;
 NE = No standard established;
 ND and U = Not detected at method detection limit for sample;
 UI = The analyte was not detected above the reported sample quantitation limit;
 B = Analyte detected in associated analysis blank batch and;
 J = Result estimated between the quantitation limit and half the quantitation limit.

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Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCO);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSOs;
NS = Not sampled for this compound;
FD = Field Duplicate;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
U = The analyte was not detected above the reported sample quantitation limit;
B = Analyte detected in associated analysis batch blank; &
J = Result estimated between the quantitation limit and half the quantitation limit.

Method	Analyte	CAS RN	LUSCOs	Unit	12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020										
					Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID		Sample ID								
					SB-45	0-2"	SB-45	0-2"	SB-46	0-2"	SB-46	0-2"	SB-47	0-2"	SB-47	0-2"	SB-48	0-2"	SB-48	0-2"	SB-48	0-2"	SB-48	0-2"					
SW8270	1,2,4,5-Tetrachlorobenzene	95-94-3	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q							
SW8270	1,2,4-Trichlorobenzene	120-82-1	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q							
SW8270	1,2-Dichlorobenzene	95-50-1	1	500	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q					
SW8270	1,2-Dichlorobenzene	122-66-1	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	1,3-Dichlorobenzene	541-73-1	2.4	280	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q					
SW8270	1,4-Dichlorobenzene	106-46-7	1.8	130	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q					
SW8270	2,3,4,6-Tetrachlorophenol	58-50-2	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,4,5-Trichlorophenol	95-65-4	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,4,6-Trichlorophenol	88-06-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,4-Dichlorophenol	120-83-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,4-Dimethylphenol	105-67-9	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,6-Dinitrophenol	51-28-5	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,6-Dinitrotoluene	121-14-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2,6-Dinitrotoluene	606-20-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2-Chloronaphthalene	91-58-7	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2-Chlorophenol	95-47-8	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2-Methylnaphthalene	91-57-6	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q				
SW8270	2-Methylphenol (O-Cresol)	95-48-7	0.33	500	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q		
SW8270	2-Nitroaniline	88-74-4	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	2-Nitrophenol	88-75-5	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	3,3'-Dichlorobenzidine	91-94-1	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	3-Nitroaniline	99-92-9	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4,6-Dinitro-2-Methylphenol	534-52-1	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Bromophenyl Phenyl Ether	101-55-3	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Chloro-3-Methylphenol	59-50-7	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Chloroaniline	106-47-8	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Chlorophenyl Phenyl Ether	7005-72-3	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Nitroaniline	100-01-6	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	4-Nitrophenol	100-02-7	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Acenaphthene	83-32-9	20	500	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q		
SW8270	Acenaphthylene	108-96-8	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Acetophenone	98-06-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Aniline	62-53-3	NE	NE	ND< 0.350	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Anthracene	120-12-7	100	500	mg/kg	0.0760	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Azobenzene	1912-24-9	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzaldehyde	100-52-7	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzidine	92-87-5	NE	NE	ND< 0.350	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzo(A)fluoranthene	56-55-3	1	5.6	mg/kg	0.310	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Benzo(A)anthracene	50-32-8	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzo(B)fluoranthene	205-99-2	1	5.6	mg/kg	0.352	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Benzo(G,H)perylene	191-24-2	100	500	mg/kg	0.221	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Benzo(K)fluoranthene	207-08-9	0.8	56	mg/kg	0.260	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Benzic Acid	65-85-0	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzyl Alcohol	100-51-6	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Benzyl Butyl Phthalate	85-68-7	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Biphenyl (Diphenyl)	92-52-4	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Bis(2-Chloroethoxy) Ether	111-91-1	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Bis(2-Chloroethoxy) Ethane (2-Chloroethyl Ether)	111-44-4	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Bis(2-Chloroisopropoxy) Ether	108-60-1	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Bis(2-Ethylhexoxy) Phthalate	117-81-7	NE	NE	0.0509	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Captrolactam	105-60-2	NE	NE	ND< 0.174	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Carbazole	85-74-8	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Chrysene	218-01-9	1	56	mg/kg	0.324	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Dibenz(A,H)Anthracene	53-70-3	0.33	0.56	mg/kg	0.0684	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270	Dibenzofuran	123-64-9	7	350	mg/kg	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Dibutyl Phthalate	84-66-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Dimethyl Phthalate	131-11-3	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Di-N-Butyl Phthalate	84-74-2	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8270	Di-N-Octylphthalate	117-84-0	NE	NE	ND< 0.0873	mg/kg	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit		

Table 1C - Metals in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

			Date Sampled	Property Location	Sample Depth	Sample ID	12/21/2020 58 Parker Avenue SB-22 0-2"			12/21/2020 58 Parker Avenue SB-22 2-24"			12/21/2020 58 Parker Avenue SB-22 2-24 FD 20201221			12/21/2020 58 Parker Avenue SB-23 0-2"			12/21/2020 58 Parker Avenue SB-23 2-24 20201221			12/9/2020 58 Parker Avenue SB-24 0-2"			12/9/2020 58 Parker Avenue SB-24 2-24"			12/8/2020 58 Parker Avenue SB-25 0-2"			12/8/2020 58 Parker Avenue SB-25 2-24"		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW6010	Aluminum	7429-90-5	NE	NE		8400	mg/kg		15000	mg/kg		14700	mg/kg		4620	mg/kg		17140	mg/kg		5030	mg/kg	J	15900	mg/kg	J	11700	mg/kg	J	13100	mg/kg	J	
SW6010	Antimony	7440-36-0	NE	NE		ND< 2.94	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.95	mg/kg	U	3.65	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.78	mg/kg	U	ND< 2.77	mg/kg	U	
SW6010	Arsenic	7440-38-2	13	16	mg/kg	16.8	mg/kg	J	3.39	mg/kg		2.95	mg/kg		7.02	mg/kg		9.76	mg/kg		16.2	mg/kg	J	7.11	mg/kg		5.80	mg/kg		3.87	mg/kg		
SW6010	Barium	7440-39-3	350	400	mg/kg	106	mg/kg	J	44.4	mg/kg		35.8	mg/kg		65.7	mg/kg		76.8	mg/kg		67.9	mg/kg		35.8	mg/kg		26.0	mg/kg		36.2	mg/kg		
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg	ND< 0.059	mg/kg	U	0.365	mg/kg		0.370	mg/kg		ND< 0.058	mg/kg	U	0.178	mg/kg		ND< 0.057	mg/kg	U	0.461	mg/kg		0.557	mg/kg		0.211	mg/kg		
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	ND< 0.353	mg/kg	U	ND< 0.349	mg/kg	U	ND< 0.35	mg/kg	U	ND< 0.346	mg/kg	U	ND< 0.354	mg/kg	U	ND< 0.34	mg/kg	U	ND< 0.345	mg/kg	U	ND< 0.334	mg/kg	U	ND< 0.332	mg/kg	U	
SW6010	Calcium	7440-70-2	NE	NE		1030	mg/kg	B	274	mg/kg	B	214	mg/kg	J	3310	mg/kg	B	2320	mg/kg	B	21000	mg/kg	B	1470	mg/kg	B	27600	mg/kg	B	825	mg/kg	B	
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg	14.9	mg/kg	J	16.2	mg/kg		16.4	mg/kg		8.42	mg/kg		11.0	mg/kg		123	mg/kg	J	18.0	mg/kg		15.5	mg/kg		14.1	mg/kg		
SW6010	Cobalt	7440-48-4	NE	NE		6.73	mg/kg	J	9.86	mg/kg		10.1	mg/kg		5.90	mg/kg		8.41	mg/kg		6.42	mg/kg		14.3	mg/kg		9.88	mg/kg		6.92	mg/kg		
SW6010	Copper	7440-50-8	50	270	mg/kg	37.8	mg/kg	J	42.3	mg/kg		38.2	mg/kg		27.1	mg/kg		57.4	mg/kg	J	35.6	mg/kg		31.9	mg/kg		24.5	mg/kg		11.7	mg/kg		
SW6010	Iron	7439-89-6	NE	NE		26500	mg/kg	J	27800	mg/kg		28400	mg/kg		28900	mg/kg		23100	mg/kg		13200	mg/kg		30900	mg/kg		26000	mg/kg		16100	mg/kg		
SW6010	Lead	7439-92-1	63	1000	mg/kg	91.0	mg/kg	J	39.8	mg/kg		30.5	mg/kg		56.7	mg/kg		160	mg/kg	J	40.2	mg/kg		16.0	mg/kg		13.8	mg/kg		13.7	mg/kg		
SW6010	Magnesium	7439-95-4	NE	NE		3390	mg/kg		4840	mg/kg		5180	mg/kg		2770	mg/kg		2340	mg/kg		6830	mg/kg		7090	mg/kg		5390	mg/kg		3120	mg/kg		
SW6010	Manganese	7439-96-5	1600	10000	mg/kg	288	mg/kg	J	405	mg/kg		356	mg/kg		305	mg/kg		290	mg/kg		178	mg/kg		533	mg/kg		456	mg/kg		182	mg/kg		
SW6010	Nickel	7440-02-0	30	310	mg/kg	R			23.8	mg/kg		24.3	mg/kg		26.7	mg/kg		24.7	mg/kg		66.3	mg/kg	J	28.7	mg/kg		24.2	mg/kg		14.3	mg/kg		
SW6010	Potassium	7440-09-7	NE	NE		841	mg/kg		899	mg/kg		803	mg/kg		474	mg/kg		628	mg/kg		453	mg/kg	J	537	mg/kg	J	687	mg/kg	J	419	mg/kg	J	
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg	ND< 2.94	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.95	mg/kg	U	ND< 2.83	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.78	mg/kg	U	ND< 2.77	mg/kg	U	
SW6010	Silver	7440-22-4	2	1500	mg/kg	ND< 0.588	mg/kg	U	ND< 0.581	mg/kg	U	ND< 0.583	mg/kg	U	ND< 0.576	mg/kg	U	ND< 0.59	mg/kg	U	3.50	mg/kg	J	ND< 0.575	mg/kg	U	ND< 0.556	mg/kg	U	ND< 0.553	mg/kg	U	
SW6010	Sodium	7440-23-5	NE	NE		170	mg/kg		ND< 58.1	mg/kg	U	ND< 58.3	mg/kg	U	101	mg/kg		89.2	mg/kg		1200	mg/kg	J	420	mg/kg	J	64.5	mg/kg	J	ND< 55.3	mg/kg	U	
SW6010	Thallium	7440-28-0	NE	NE		ND< 2.94	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.95	mg/kg	U	ND< 2.83	mg/kg	U	ND< 2.88	mg/kg	U	ND< 2.78	mg/kg	U	ND< 2.77	mg/kg	U	
SW6010	Vanadium	7440-62-2	NE	NE		673	mg/kg	J	78.7	mg/kg	J	31.9	mg/kg	J	330	mg/kg	B	155	mg/kg	B	11.9	mg/kg		16.0	mg/kg		12.1	mg/kg		16.5	mg/kg		
SW6010	Zinc	7440-66-6	109	10000	mg/kg	66.8	mg/kg	J	79.8	mg/kg		86.5	mg/kg	B	54.0	mg/kg	B	100	mg/kg	B	49.3	mg/kg	J	78.5	mg/kg	J	65.4	mg/kg	J	43.3	mg/kg	J	
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	0.468	mg/kg	J	0.0734	mg/kg	J	0.242	mg/kg	J	0.159	mg/kg	J	0.686	mg/kg	J	0.411	mg/kg	J	ND< 0.0345	mg/kg	U	ND< 0.0334	mg/kg	U	0.113	mg/kg	J	

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NE = No standard established;
 FD = Field Duplicate;
 ND and U = Not detected at method detection limit for sample;
 B = Analyte detected in associated analysis batch blank; &
 J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1C - Metals in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

				Date Sampled	Property Location	Sample Depth	Sample ID	12/8/2020 58 Parker Avenue SB-26 0-2"	12/8/2020 58 Parker Avenue SB-26 2-24"	12/8/2020 58 Parker Avenue SB-27 0-2"	12/8/2020 58 Parker Avenue SB-27 2-24"	12/8/2020 58 Parker Avenue SB-28 0-2"	12/8/2020 58 Parker Avenue SB-28 2-24"	12/22/2020 58 Parker Avenue SB-29 0-2"	12/22/2020 58 Parker Avenue SB-29 2-24"	12/21/2020 58 Parker Avenue SB-30 0-2"	12/21/2020 58 Parker Avenue SB-30 2-24"
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE	NE		7970	mg/kg		22700	mg/kg		14600	mg/kg		16200	mg/kg	
SW6010	Antimony	7440-36-0	NE	NE		2.68	mg/kg	J	3.94	mg/kg	J	ND< 2.96	mg/kg	UJ	ND< 3.08	mg/kg	UJ
SW6010	Arsenic	7440-38-2	13	16	mg/kg	14.0	mg/kg		4.29	mg/kg		5.64	mg/kg		2.05	mg/kg	
SW6010	Barium	7440-39-3	350	400	mg/kg	137	mg/kg		103	mg/kg		88.9	mg/kg		65.7	mg/kg	
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg	ND< 0.053	mg/kg	U	ND< 0.061	mg/kg	U	ND< 0.059	mg/kg	U	ND< 0.062	mg/kg	U
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	0.430	mg/kg		ND< 0.365	mg/kg	U	ND< 0.355	mg/kg	U	1.38	mg/kg	
SW6010	Calcium	7440-70-2	NE	NE		22400	mg/kg	B	1120	mg/kg	B	5640	mg/kg	B	330	mg/kg	B
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg	175	mg/kg		354	mg/kg		32.6	mg/kg		25.0	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE		10.5	mg/kg		13.2	mg/kg		11.2	mg/kg		11.6	mg/kg	
SW6010	Copper	7440-50-8	50	270	mg/kg	70.9	mg/kg		19.8	mg/kg		80.9	mg/kg		30.3	mg/kg	
SW6010	Iron	7439-89-6	NE	NE		34100	mg/kg		24900	mg/kg		69800	mg/kg		6870	mg/kg	
SW6010	Lead	7439-92-1	63	1000	mg/kg	240	mg/kg		20.0	mg/kg		115	mg/kg		17.3	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE		2340	mg/kg		4380	mg/kg		6930	mg/kg		3180	mg/kg	
SW6010	Manganese	7439-96-5	1600	10000	mg/kg	355	mg/kg		730	mg/kg		348	mg/kg		400	mg/kg	
SW6010	Nickel	7440-02-0	30	310	mg/kg	44.7	mg/kg		54.7	mg/kg		35.7	mg/kg		27.4	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE		1140	mg/kg		912	mg/kg		1120	mg/kg		983	mg/kg	
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg	ND< 2.64	mg/kg	U	ND< 3.04	mg/kg	U	ND< 2.96	mg/kg	U	ND< 3.08	mg/kg	U
SW6010	Silver	7440-22-4	2	1500	mg/kg	2.31	mg/kg		6.48	mg/kg		ND< 0.592	mg/kg	U	ND< 0.617	mg/kg	U
SW6010	Sodium	7440-23-5	NE	NE		453	mg/kg		165	mg/kg		328	mg/kg		74.8	mg/kg	
SW6010	Thallium	7440-28-0	NE	NE		ND< 2.64	mg/kg	U	ND< 3.04	mg/kg	U	4.92	mg/kg		ND< 3.08	mg/kg	U
SW6010	Vanadium	7440-62-2	NE	NE		17.6	mg/kg		21.4	mg/kg		19.6	mg/kg		28.3	mg/kg	
SW6010	Zinc	7440-66-6	109	10000	mg/kg	180	mg/kg	B	102	mg/kg	B	205	mg/kg	B	134	mg/kg	B
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	ND< 0.0349	mg/kg	U	ND< 0.0402	mg/kg	U	ND< 0.0391	mg/kg	U	ND< 0.0407	mg/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NE = No standard established;
 FD = Field Duplicate;
 ND and U = Not detected at method detection limit for sample;
 B = Analyte detected in associated analysis batch blank; &
 J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1C - Metals in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		Property Location		Sample Depth		Sample ID		12/21/2020		12/21/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020				
			58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street				
			SB-31		SB-31		SB-31		SB-31		SB-31		SB-31		SB-31		SB-33		SB-33		SB-34		SB-34		SB-34		SB-35		SB-35		SB-35				
			0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE	NE		13200	mg/kg		10100	mg/kg		16100	mg/kg	J	16000	mg/kg	U	14700	mg/kg		12900	mg/kg		12500	mg/kg		15400	mg/kg		13400	mg/kg		14800	mg/kg	
SW6010	Antimony	7440-36-0	NE	NE		ND< 2.64	mg/kg	U	ND< 3.01	mg/kg	U	ND< 3.07	mg/kg	U	ND< 3.12	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.72	mg/kg	U	ND< 2.69	mg/kg	U	ND< 2.67	mg/kg	U	ND< 2.68	mg/kg	U	ND< 2.72	mg/kg	U
SW6010	Arsenic	7440-38-2	13	16	mg/kg	2.27	mg/kg		3.90	mg/kg		9.67	mg/kg		8.72	mg/kg		30.9	mg/kg		7.07	mg/kg		17.3	mg/kg		16.6	mg/kg		9.68	mg/kg		7.43	mg/kg	
SW6010	Barium	7440-39-3	350	400	mg/kg	33.3	mg/kg		105	mg/kg		52.8	mg/kg		39.0	mg/kg		91.5	mg/kg		48.6	mg/kg		69.7	mg/kg		73.6	mg/kg		88.5	mg/kg		70.7	mg/kg	
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg	0.368	mg/kg		0.329	mg/kg		0.234	mg/kg		0.239	mg/kg		0.238	mg/kg		0.406	mg/kg		0.323	mg/kg		0.712	mg/kg		0.377	mg/kg		0.431	mg/kg	
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	ND< 0.317	mg/kg	U	ND< 0.361	mg/kg	U	ND< 0.369	mg/kg	U	ND< 0.374	mg/kg	U	ND< 0.339	mg/kg	U	ND< 0.326	mg/kg	U	ND< 0.323	mg/kg	U	ND< 0.321	mg/kg	U	0.371	mg/kg		ND< 0.327	mg/kg	U
SW6010	Calcium	7440-70-2	NE	NE		10200	mg/kg	B	1750	mg/kg	B	1110	mg/kg	B	730	mg/kg	B	12100	mg/kg		13100	mg/kg		31300	mg/kg		33700	mg/kg		28300	mg/kg		3700	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg	16.6	mg/kg		12.3	mg/kg		17.8	mg/kg		18.8	mg/kg		19.1	mg/kg		15.4	mg/kg		18.4	mg/kg		17.8	mg/kg		17.6	mg/kg		18.4	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE		9.26	mg/kg		5.85	mg/kg		12.6	mg/kg		13.0	mg/kg		16.0	mg/kg		12.3	mg/kg		14.4	mg/kg		15.7	mg/kg		12.0	mg/kg		12.8	mg/kg	
SW6010	Copper	7440-50-8	50	270	mg/kg	32.7	mg/kg		21.4	mg/kg		39.3	mg/kg		39.4	mg/kg		100	mg/kg		32.4	mg/kg		45.1	mg/kg		35.2	mg/kg		66.1	mg/kg		166	mg/kg	
SW6010	Iron	7439-89-6	NE	NE		26400	mg/kg		15000	mg/kg		30000	mg/kg		31900	mg/kg		33200	mg/kg		28100	mg/kg		27100	mg/kg		43000	mg/kg		27500	mg/kg		29600	mg/kg	
SW6010	Lead	7439-92-1	63	1000	mg/kg	16.3	mg/kg		25.9	mg/kg		12.1	mg/kg		10.9	mg/kg		206	mg/kg		12.5	mg/kg		176	mg/kg		43.6	mg/kg		140	mg/kg		50.4	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE		11200	mg/kg		1850	mg/kg		4480	mg/kg		5490	mg/kg		7230	mg/kg		6070	mg/kg		6860	mg/kg		9050	mg/kg		6300	mg/kg		5870	mg/kg	
SW6010	Manganese	7439-96-5	1600	10000	mg/kg	571	mg/kg		568	mg/kg		580	mg/kg		486	mg/kg		799	mg/kg		699	mg/kg		877	mg/kg		914	mg/kg		776	mg/kg		881	mg/kg	
SW6010	Nickel	7440-02-0	30	310	mg/kg	24.0	mg/kg		13.4	mg/kg		23.4	mg/kg		25.4	mg/kg		32.4	mg/kg		23.5	mg/kg		31.1	mg/kg		27.5	mg/kg		24.8	mg/kg		24.5	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE		1200	mg/kg		602	mg/kg		1060	mg/kg	J	846	mg/kg	J	1490	mg/kg	J	1560	mg/kg	J	1510	mg/kg	J	1490	mg/kg	J	1940	mg/kg	J	2110	mg/kg	J
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg	ND< 2.64	mg/kg	U	ND< 3.01	mg/kg	U	ND< 3.07	mg/kg	U	ND< 3.12	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.72	mg/kg	U	ND< 2.69	mg/kg	U	ND< 2.67	mg/kg	U	ND< 2.68	mg/kg	U	ND< 2.72	mg/kg	U
SW6010	Silver	7440-22-4	2	1500	mg/kg	ND< 0.528	mg/kg	U	ND< 0.602	mg/kg	U	ND< 0.615	mg/kg	U	ND< 0.624	mg/kg	U	ND< 0.565	mg/kg	U	ND< 0.543	mg/kg	U	ND< 0.538	mg/kg	U	ND< 0.535	mg/kg	U	ND< 0.535	mg/kg	U	ND< 0.544	mg/kg	U
SW6010	Sodium	7440-23-5	NE	NE		ND< 52.8	mg/kg	U	92.4	mg/kg		107	mg/kg	J	85.8	mg/kg	J	449	mg/kg	J	301	mg/kg	J	137	mg/kg	J	150	mg/kg	J	112	mg/kg	J	68.6	mg/kg	J
SW6010	Thallium	7440-28-0	NE	NE		ND< 2.64	mg/kg	U	ND< 3.01	mg/kg	U	ND< 3.07	mg/kg	U	ND< 3.12	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.72	mg/kg	U	ND< 2.69	mg/kg	U	ND< 2.67	mg/kg	U	ND< 2.68	mg/kg	U	ND< 2.72	mg/kg	U
SW6010	Vanadium	7440-62-2	NE	NE		14.1	mg/kg		12.3	mg/kg		21.4	mg/kg		19.7	mg/kg		23.7	mg/kg		13.7	mg/kg		22.4	mg/kg		20.4	mg/kg		19.0	mg/kg		20.8	mg/kg	
SW6010	Zinc	7440-66-6	109	10000	mg/kg	71.9	mg/kg	B	57.9	mg/kg	B	75.5	mg/kg		80.9	mg/kg		234	mg/kg	J	80.5	mg/kg	J	139	mg/kg	J	114	mg/kg	J	195	mg/kg	J	104	mg/kg	J
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	0.0882	mg/kg		0.134	mg/kg		0.0491	mg/kg	J	0.0549	mg/kg	J	1.25	mg/kg	J	0.0326	mg/kg	U	0.185	mg/kg	J	0.841	mg/kg	J	0.808	mg/kg	J	0.0668	mg/kg	J

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
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NE = No standard established;
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ND and U = Not detected at method detection limit for sample;
B = Analyte detected in associated analysis batch blank; &
J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1C - Metals in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

		Date Sampled		Property Location		Sample Depth		Sample ID		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/21/2020		12/21/2020		12/21/2020		12/22/2020		12/22/2020		12/22/2020		12/22/2020		12/22/2020		
		164 Garden Street		164 Garden Street		SB-36		SB-36 0-2 20201218		SB-36 2-24 20201218		SB-37 0-2 20201218		SB-37 2-24 20201218		SB-38 0-2 20201221		SB-38 2-24 20201221		SB-39 0-2 20201222		SB-39 2-24 20201222		SB-40 0-2 20201222		SB-40 2-24 20201222		SB-40 2-24 20201222		SB-40 2-24 20201222		SB-40 2-24 20201222		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q		
SW6010	Aluminum	7429-90-5	NE	NE		13400	mg/kg		23600	mg/kg		3640	mg/kg		8300	mg/kg		16600	mg/kg		17200	mg/kg		19700	mg/kg		18100	mg/kg		11200	mg/kg		11200	mg/kg
SW6010	Antimony	7440-36-0	NE	NE		ND< 2.67	mg/kg	U	ND< 2.81	mg/kg	U	ND< 2.64	mg/kg	U	ND< 2.87	mg/kg	U	ND< 2.79	mg/kg	U	ND< 2.91	mg/kg	U	ND< 3.1	mg/kg	U	ND< 2.83	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg
SW6010	Arsenic	7440-38-2	13	16	mg/kg	6.81	mg/kg		24.4	mg/kg		8.52	mg/kg		4.79	mg/kg		4.19	mg/kg		1.93	mg/kg		2.74	mg/kg		4.90	mg/kg		4.20	mg/kg		4.39	mg/kg
SW6010	Barium	7440-39-3	350	400	mg/kg	57.9	mg/kg	J	135	mg/kg	J	66.9	mg/kg	J	66.8	mg/kg	J	18.5	mg/kg		29.1	mg/kg		39.2	mg/kg		26.5	mg/kg		48.0	mg/kg		71.6	mg/kg
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg	0.457	mg/kg	J	1.66	mg/kg	J	0.129	mg/kg	J	0.727	mg/kg	J	0.727	mg/kg		0.603	mg/kg		0.534	mg/kg		0.584	mg/kg		0.255	mg/kg		0.253	mg/kg
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	ND< 0.32	mg/kg	U	0.499	mg/kg		0.345	mg/kg		ND< 0.344	mg/kg	U	ND< 0.335	mg/kg	U	ND< 0.349	mg/kg	U	ND< 0.372	mg/kg	U	ND< 0.34	mg/kg	U	ND< 0.348	mg/kg	U	ND< 0.35	mg/kg
SW6010	Calcium	7440-70-2	NE	NE		20100	mg/kg		90400	mg/kg		106000	mg/kg		16600	mg/kg		10600	mg/kg	B	3670	mg/kg	B	2260	mg/kg	B	1280	mg/kg	B	9860	mg/kg	B	6700	mg/kg
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg	15.1	mg/kg		4.52	mg/kg		10.3	mg/kg		12.0	mg/kg		18.5	mg/kg		18.9	mg/kg		26.2	mg/kg		23.3	mg/kg		14.0	mg/kg		21.8	mg/kg
SW6010	Cobalt	7440-48-4	NE	NE		12.2	mg/kg	B	5.60	mg/kg		4.55	mg/kg		10.3	mg/kg		20.0	mg/kg		15.1	mg/kg		24.6	mg/kg		19.3	mg/kg		8.05	mg/kg		10.3	mg/kg
SW6010	Copper	7440-50-8	50	270	mg/kg	35.6	mg/kg	B	8.78	mg/kg	J	97.1	mg/kg	B	58.5	mg/kg	B	48.9	mg/kg		36.3	mg/kg		57.6	mg/kg	B	54.8	mg/kg	B	51.7	mg/kg	B	42.2	mg/kg
SW6010	Iron	7439-89-6	NE	NE		30400	mg/kg		16200	mg/kg		16100	mg/kg		24500	mg/kg		42900	mg/kg		34700	mg/kg		41500	mg/kg		42100	mg/kg		20500	mg/kg		20700	mg/kg
SW6010	Lead	7439-92-1	63	1000	mg/kg	35.8	mg/kg		12.5	mg/kg		159	mg/kg		189	mg/kg		21.9	mg/kg		15.6	mg/kg		39.4	mg/kg		22.5	mg/kg		99.7	mg/kg		125	mg/kg
SW6010	Magnesium	7439-95-4	NE	NE		13700	mg/kg		7770	mg/kg		36200	mg/kg		3660	mg/kg		7850	mg/kg		6750	mg/kg		8790	mg/kg		7910	mg/kg		8440	mg/kg		6090	mg/kg
SW6010	Manganese	7439-96-5	1600	10000	mg/kg	890	mg/kg	J	491	mg/kg	J	232	mg/kg	J	348	mg/kg	J	609	mg/kg		514	mg/kg		685	mg/kg		699	mg/kg		300	mg/kg		487	mg/kg
SW6010	Nickel	7440-02-0	30	310	mg/kg	27.0	mg/kg		9.99	mg/kg		28.7	mg/kg		22.6	mg/kg		41.8	mg/kg		33.3	mg/kg		45.4	mg/kg	B	40.6	mg/kg	B	23.3	mg/kg	B	23.2	mg/kg
SW6010	Potassium	7440-09-7	NE	NE		1290	mg/kg		862	mg/kg		612	mg/kg		793	mg/kg		952	mg/kg		744	mg/kg		859	mg/kg		522	mg/kg		633	mg/kg		633	mg/kg
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg	ND< 2.67	mg/kg	U	ND< 2.81	mg/kg	U	4.33	mg/kg	J	ND< 2.87	mg/kg	U	ND< 2.79	mg/kg	U	ND< 2.91	mg/kg	U	ND< 3.1	mg/kg	U	ND< 2.83	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg
SW6010	Silver	7440-22-4	2	1500	mg/kg	ND< 0.533	mg/kg	U	ND< 0.562	mg/kg	U	ND< 0.529	mg/kg	U	ND< 0.573	mg/kg	U	ND< 0.559	mg/kg	U	ND< 0.582	mg/kg	U	ND< 0.62	mg/kg	U	ND< 0.566	mg/kg	U	ND< 0.58	mg/kg	U	ND< 0.584	mg/kg
SW6010	Sodium	7440-23-5	NE	NE		151	mg/kg		767	mg/kg		86.0	mg/kg		163	mg/kg		ND< 55.9	mg/kg	U	81.6	mg/kg		ND< 62	mg/kg	U	ND< 56.6	mg/kg	U	ND< 58	mg/kg	U	63.0	mg/kg
SW6010	Thallium	7440-28-0	NE	NE		ND< 2.67	mg/kg	U	ND< 2.81	mg/kg	U	ND< 2.64	mg/kg	U	ND< 2.87	mg/kg	U	ND< 2.79	mg/kg	U	ND< 2.91	mg/kg	U	ND< 3.1	mg/kg	U	ND< 2.83	mg/kg	U	ND< 2.9	mg/kg	U	ND< 2.92	mg/kg
SW6010	Vanadium	7440-62-2	NE	NE		20.4	mg/kg		12.6	mg/kg		14.8	mg/kg		14.1	mg/kg		13.3	mg/kg		16.6	mg/kg		20.9	mg/kg		18.2	mg/kg		18.6	mg/kg		16.0	mg/kg
SW6010	Zinc	7440-66-6	109	10000	mg/kg	88.6	mg/kg		45.3	mg/kg		60.4	mg/kg		82.7	mg/kg		122	mg/kg	B	93.4	mg/kg	B	187	mg/kg	B	151	mg/kg	B	134	mg/kg	B	122	mg/kg
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	0.0724	mg/kg	J	0.0491	mg/kg	J	ND< 0.0317	mg/kg	J	0.0551	mg/kg	J	0.0509	mg/kg	J	ND< 0.0349	mg/kg	U	0.0501	mg/kg	J	ND< 0.034	mg/kg	U	0.114	mg/kg	J	0.112	mg/kg

Notes:
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 Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NE = No standard established;
 FD = Field Duplicate;
 ND and U = Not detected at method detection limit for sample;
 B = Analyte detected in associated analysis batch blank; &
 J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1C - Metals in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

Date Sampled				16/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/21/2020		12/21/2020		12/21/2020						
Soil Property Location				164 Garden Street		164 Garden Street		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue						
Sample Depth				SB-41 0-2"		SB-41 2-24"		SB-42 0-2"		SB-42 2-14"		SB-43 0-2"		SB-43 2-24"		SB-44 0-2"		SB-44 2-24"						
Sample ID				SB-41 0-2 20201218		SB-41 2-24 20201218		SB-42 0-2 20201208		SB-42 2-14 20201208		SB-43 0-2in 20201208		SB-43 2-24in 20201208		SB-44 0-2 20201221		SB-44 2-24 20201221						
Method	Analyte	CAS RN	USCOCs	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit				
SW6010	Aluminum	7429-90-9	NE	13900	mg/kg		8040	mg/kg		12400	mg/kg		12500	mg/kg		11700	mg/kg		17600	mg/kg				
SW6010	Antimony	7440-36-0	NE	ND< 2.79	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.61	mg/kg	U	ND< 2.63	mg/kg	U	ND< 2.8	mg/kg	U	ND< 2.75	mg/kg				
SW6010	Arsenic	7440-38-2	13	16	mg/kg		12.1	mg/kg		16.4	mg/kg		3.85	mg/kg		4.63	mg/kg		11.1	mg/kg				
SW6010	Barium	7440-39-3	350	400	mg/kg		104	mg/kg		104	mg/kg		13.7	mg/kg		97.6	mg/kg		106	mg/kg				
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg		0.221	mg/kg		0.368	mg/kg		0.15	mg/kg		ND< 0.056	mg/kg		U	0.287	mg/kg			
SW6010	Bismuth	7440-43-9	9.3	mg/kg		ND< 0.335	mg/kg		ND< 0.346	mg/kg		ND< 0.313	mg/kg		ND< 0.315	mg/kg		ND< 0.364	mg/kg		ND< 0.369	mg/kg		
SW6010	Calcium	7440-70-2	NE	NE	11000		3730	mg/kg		10620	mg/kg		B	12000	mg/kg		B	34500	mg/kg		B	13300	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg		20.9	mg/kg		10.6	mg/kg		10.7	mg/kg		52.0	mg/kg		191	mg/kg		198	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE	14.8		10.6	mg/kg		9.49	mg/kg		11.2	mg/kg		10.8	mg/kg		17.4	mg/kg		16.6	mg/kg	
SW6010	Copper	7440-50-8	50	270	mg/kg		60.1	mg/kg		95.4	mg/kg		B	21.6	mg/kg		42.0	mg/kg		104	mg/kg		14.7	mg/kg
SW6010	Cadmium	7439-89-6	NE	mg/kg		13900	21800	mg/kg		25600	mg/kg		20400	mg/kg		17400	mg/kg		112	mg/kg		112	mg/kg	
SW6010	Lead	7439-92-1	63	1000	mg/kg		222	mg/kg		72.1	mg/kg		7.24	mg/kg		113	mg/kg		426	mg/kg		148	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE	7760		2300	mg/kg		6850	mg/kg		7510	mg/kg		4530	mg/kg		5920	mg/kg		3300	mg/kg	
SW6010	Manganese	7439-96-5	1600	10000	mg/kg		1090	mg/kg		323	mg/kg		481	mg/kg		439	mg/kg		653	mg/kg		138	mg/kg	
SW6010	Nickel	7440-02-0	30	310	mg/kg		29.5	mg/kg		21.6	mg/kg		28.3	mg/kg		43.1	mg/kg		112	mg/kg		103	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE	1670		247	mg/kg		515	mg/kg		1450	mg/kg		1750	mg/kg		1750	mg/kg		1750	mg/kg	
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg		ND< 2.79	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.61	mg/kg	U	ND< 2.63	mg/kg	U	ND< 2.8	mg/kg	U	ND< 2.75	mg/kg	
SW6010	Silver	7440-22-4	2	1500	mg/kg		ND< 0.558	mg/kg	U	ND< 0.577	mg/kg	U	ND< 0.522	mg/kg	U	1.13	mg/kg		3.23	mg/kg		3.37	mg/kg	
SW6010	Sodium	7440-23-5	NE	NE	131		118	mg/kg		67.8	mg/kg		76.1	mg/kg		1050	mg/kg		488	mg/kg		66.0	mg/kg	
SW6010	Thallium	7440-28-0	NE	NE	ND< 2.79	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.61	mg/kg	U	ND< 2.63	mg/kg	U	ND< 2.8	mg/kg	U	ND< 2.75	mg/kg	U	ND< 3.08	mg/kg
SW6010	Vanadium	7440-62-2	NE	NE	24.2		22.7	mg/kg		10.8	mg/kg		11.6	mg/kg		17.0	mg/kg		22.1	mg/kg		13.4	mg/kg	
SW6010	Zinc	7440-66-0	19	10000	mg/kg		7400	mg/kg		8.0	mg/kg		251	mg/kg		232	mg/kg		232	mg/kg		232	mg/kg	
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg		0.585	mg/kg		0.312	mg/kg		0.0333	mg/kg		ND< 0.0315	mg/kg		ND< 0.0369	mg/kg		ND< 0.0363	mg/kg	

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UISOs), and Commercial Use Soil Cleanup Objectives (CSCO);
Yellow shading designates those compounds detected at concentrations exceeding UISOs;
Red shading designates those compounds detected at concentrations exceeding CSCO;
ND = No standard established;
FD = Field Duplicate;
ND and U = Not detected at method detection limit for sample;
B = Analyte detected in associated analysis batch blank;
J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1C - Metals in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

		Date Sampled		Property Location		Sample Depth		Sample ID		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		
										58 Parker Avenue SB-45 0-2"		58 Parker Avenue SB-45 2-24"		58 Parker Avenue SB-46 0-2"		58 Parker Avenue SB-46 2-24"		164 Garden Street SB-47 0-2"		164 Garden Street SB-47 2-24"		164 Garden Street SB-48 0-2"		164 Garden Street SB-48 2-24"		
										SB-45 0-2-in 20201208		SB-45 2-24-in 20201208		SB-46 0-2-in 20201208		SB-46 2-24 20201208		SB-47 0-2 20201218		SB-47 2-24 20201218		SB-48 0-2 20201218		SB-48 2-24 20201218		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW6010	Aluminum	7429-90-5	NE	NE		15100	mg/kg	Q	15500	mg/kg	Q	7970	mg/kg	J	10200	mg/kg	U	16800	mg/kg	Q	19900	mg/kg	Q	8540	mg/kg	Q
SW6010	Antimony	7440-36-0	NE	NE		ND< 2.65	mg/kg	UJ	ND< 2.65	mg/kg	UJ	ND< 2.61	mg/kg	U	ND< 2.66	mg/kg	U	ND< 2.94	mg/kg	UJ	ND< 2.86	mg/kg	UJ	ND< 2.63	mg/kg	UJ
SW6010	Arsenic	7440-38-2	13	16	mg/kg	9.70	mg/kg		6.15	mg/kg		8.92	mg/kg		8.22	mg/kg		38.6	mg/kg	J	18.0	mg/kg	J	5.04	mg/kg	
SW6010	Barium	7440-39-3	350	400	mg/kg	92.2	mg/kg		134	mg/kg		389	mg/kg	J	217	mg/kg		72.9	mg/kg	J	42.6	mg/kg	J	34.1	mg/kg	J
SW6010	Beryllium	7440-41-7	7.2	590	mg/kg	ND< 0.053	mg/kg	U	0.211	mg/kg		0.222	mg/kg		0.205	mg/kg		0.603	mg/kg	J	0.452	mg/kg	J	0.238	mg/kg	J
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	0.391	mg/kg		ND< 0.318	mg/kg	U	0.638	mg/kg	U	0.380	mg/kg		ND< 0.353	mg/kg	U	ND< 0.343	mg/kg	U	ND< 0.315	mg/kg	U
SW6010	Calcium	7440-70-2	NE	NE		102000	mg/kg	B	32600	mg/kg	B	9510	mg/kg	B	12800	mg/kg	B	9640	mg/kg		821	mg/kg		29000	mg/kg	
SW6010	Chromium, Total	7440-47-3	31	NE	mg/kg	67.3	mg/kg		48.3	mg/kg		42.5	mg/kg		25.2	mg/kg		18.8	mg/kg		22.9	mg/kg	J	11.3	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE		10.2	mg/kg		13.0	mg/kg		6.57	mg/kg		8.16	mg/kg		12.1	mg/kg		20.7	mg/kg	J	7.61	mg/kg	
SW6010	Copper	7440-50-8	50	270	mg/kg	56.8	mg/kg		51.3	mg/kg		78.2	mg/kg		50.3	mg/kg		99.7	mg/kg	B	50.3	mg/kg	B	36.6	mg/kg	B
SW6010	Iron	7439-89-6	NE	NE		23900	mg/kg		28600	mg/kg		24500	mg/kg		24000	mg/kg		49700	mg/kg		53200	mg/kg		19700	mg/kg	
SW6010	Lead	7439-92-1	63	1000	mg/kg	70.4	mg/kg		122	mg/kg		1000	mg/kg		51.2	mg/kg		52.4	mg/kg		22.7	mg/kg	J	34.5	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE		8080	mg/kg		5950	mg/kg		5900	mg/kg		8240	mg/kg		5930	mg/kg		7790	mg/kg		17100	mg/kg	
SW6010	Manganese	7439-96-5	1600	10000	mg/kg	599	mg/kg		519	mg/kg		404	mg/kg		519	mg/kg		382	mg/kg	J	688	mg/kg	J	484	mg/kg	J
SW6010	Nickel	7440-02-0	30	310	mg/kg	32.2	mg/kg		39.7	mg/kg		20.8	mg/kg		21.5	mg/kg		31.3	mg/kg		38.7	mg/kg	J	19.9	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE		2650	mg/kg		1880	mg/kg		603	mg/kg	J	803	mg/kg	U	1250	mg/kg		1220	mg/kg	J	1000	mg/kg	
SW6010	Selenium	7782-49-2	3.9	1500	mg/kg	ND< 2.65	mg/kg	U	ND< 2.65	mg/kg	U	ND< 2.61	mg/kg	U	ND< 2.66	mg/kg	U	ND< 2.94	mg/kg	U	ND< 2.86	mg/kg	UJ	ND< 2.63	mg/kg	U
SW6010	Silver	7440-22-4	2	1500	mg/kg	ND< 0.53	mg/kg	U	ND< 0.53	mg/kg	U	0.916	mg/kg	J	ND< 0.531	mg/kg	U	ND< 0.589	mg/kg	U	ND< 0.571	mg/kg	U	ND< 0.525	mg/kg	U
SW6010	Sodium	7440-23-5	NE	NE		726	mg/kg		424	mg/kg		152	mg/kg	J	139	mg/kg	U	232	mg/kg		144	mg/kg		134	mg/kg	
SW6010	Thallium	7440-28-0	NE	NE		ND< 2.65	mg/kg	U	ND< 2.65	mg/kg	U	ND< 2.61	mg/kg	U	ND< 2.66	mg/kg	U	3.30	mg/kg		3.08	mg/kg		ND< 2.63	mg/kg	U
SW6010	Vanadium	7440-62-2	NE	NE		23.4	mg/kg		20.8	mg/kg		14.4	mg/kg		14.3	mg/kg		18.0	mg/kg		19.1	mg/kg		17.5	mg/kg	
SW6010	Zinc	7440-66-6	109	10000	mg/kg	79.7	mg/kg	B	121	mg/kg	B	370	mg/kg	J	217	mg/kg	J	121	mg/kg	J	110	mg/kg	J	82.2	mg/kg	
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	0.0445	mg/kg		0.0496	mg/kg		1.08	mg/kg	J	0.969	mg/kg	J	0.182	mg/kg	J	0.0431	mg/kg	J	R		

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NE = No standard established;
 FD = Field Duplicate;
 ND and U = Not detected at method detection limit for sample;
 B = Analyte detected in associated analysis batch blank; &
 J = Result estimated between the quantitation limit and half the quantitation limit.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/21/2020		12/9/2020		12/9/2020		12/8/2020		12/8/2020								
			Property		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue								
			Location		SB-22		SB-22		SB-22		SB-23		SB-23		SB-23		SB-24		SB-24		SB-25								
			Sample Depth		0-2"		2-24"		2-24"		0-2"		2-24"		2-24"		0-2"		2-24"		2-24"								
			Sample ID		SB-22 0-2 20201221		SB-22 2-24 20201221		SB-22 2-24 FD 20201221		SB-23 0-2 20201221		SB-23 2-24 20201221		SB-24 0-2 20201209		SB-24 2-24 20201209		SB-25 0-2 20201208		SB-25 2-24 20201208								
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q						
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	959-98-8	2.4	200	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS									
SW8081	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Chlordane	57-74-9	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	500	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Dieldrin	66-57-1	0.005	1.4	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Endrin	72-20-8	0.014	89	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Endrin Ketone	53494-70-5	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Gamma Bhc (Lindane)	58-89-9	0.1	9.2	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	gamma-Chlordane	5566-34-7	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Methoxychlor	72-43-5	NE	NE		ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	ND< 0.00193	mg/kg	U	ND< 0.00189	mg/kg	U	ND< 0.00192	mg/kg	U	ND< 0.00189	mg/kg	U	NS			NS								
SW8081	Toxaphene	8001-35-2	NE	NE		ND< 0.193	mg/kg	U	ND< 0.189	mg/kg	U	ND< 0.192	mg/kg	U	ND< 0.189	mg/kg	U	NS			NS								
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		ND< 0.0232	mg/kg	U	ND< 0.023	mg/kg	U	ND< 0.0229	mg/kg	U	ND< 0.0227	mg/kg	U	NS			NS								
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		ND< 0.0232	mg/kg	U	ND< 0.023	mg/kg	U	ND< 0.0229	mg/kg	U	ND< 0.0227	mg/kg	U	NS			NS								
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	ND< 0.0232	mg/kg	U	ND< 0.023	mg/kg	U	ND< 0.0229	mg/kg	U	ND< 0.0227	mg/kg	U	NS			NS								
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0195	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0194	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0184	mg/kg	U	ND< 0.0182	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		Property		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/22/2020		12/22/2020		12/21/2020		12/21/2020							
			Location		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue							
			Sample Depth		SB-26 0-2"		SB-26 2-24"		SB-27 0-2"		SB-27 2-24"		SB-28 0-2"		SB-28 2-24"		SB-29 0-2"		SB-29 2-24"		SB-30 0-2"		SB-30 2-24"		SB-30 0-2"							
			Sample ID		SB-26 0-2in 20201208		SB-26 2-24in 20201208		SB-27 0-2in 20201208		SB-27 2-24in 20201208		SB-28 0-2 20201208		SB-28 2-24 20201208		SB-29 0-2 20201222		SB-29 2-24 20201222		SB-30 0-2 20201221		SB-30 2-24 20201221		SB-30 0-2 20201221							
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q						
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Alpha Endosulfan	959-98-8	2.4	200	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Chlordane	57-74-9	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	300	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Dieldrin	66-57-1	0.005	1.4	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Endrin	72-20-8	0.014	89	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Endrin Ketone	53494-70-5	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Gamma Bhc (Lindane)	58-89-9	0.1	9.2	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	gamma-Chlordane	5566-34-7	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	Methoxychlor	72-43-5	NE	NE		NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.00173	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			ND< 0.0353	mg/kg	U	NS			ND< 0.00191	mg/kg	U			
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	NS			NS			ND< 0.00195	mg/kg	U	NS			NS			0.0629	mg/kg	NS	NS			ND< 0.00191	mg/kg	U			
SW8081	Toxaphene	8001-35-2	NE	NE		NS			NS			ND< 0.195	mg/kg	U	NS			NS			ND< 0.173	mg/kg	U	NS			ND< 0.191	mg/kg	U			
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		NS			NS			ND< 0.0234	mg/kg	U	NS			NS			ND< 0.0206	mg/kg	U	NS			ND< 0.0228	mg/kg	U			
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		NS			NS			ND< 0.0234	mg/kg	U	NS			NS			ND< 0.0206	mg/kg	U	NS			ND< 0.0228	mg/kg	U			
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	NS			NS			ND< 0.0234	mg/kg	U	NS			NS			ND< 0.0206	mg/kg	U	NS			ND< 0.0228	mg/kg	U			
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		0.0620	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	0.0845	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0174	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	0.0620	mg/kg	U	ND< 0.0201	mg/kg	U	ND< 0.0197	mg/kg	U	ND< 0.0205	mg/kg	U	0.0845	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0192	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		12/21/2020		12/21/2020		12/8/2020		12/8/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020				
			Property		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street				
			Location		SB-31		SB-31		SB-32		SB-32		SB-33		SB-33		SB-34		SB-34		SB-35		SB-35		SB-35				
			Sample Depth		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"				
			Sample ID		SB-31 0-2 20201221		SB-31 2-24 20201221		SB-32 0-2 20201208		SB-32 2-24 20201208		SB-33 0-2 20201218		SB-33 2-24 20201218		SB-34 0-2 20201218		SB-34 2-24 20201218		SB-35 0-2 20201218		SB-35 2-24 20201218		SB-35 2-24 20201218				
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q			
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Alpha Endosulfan	959-98-8	2.4	200	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Chlordane	57-74-9	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	300	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Dieldrin	60-57-1	0.005	1.4	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Endrin	72-20-8	0.014	89	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Endrin Ketone	53494-70-5	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Gamma Bhc (Lindane)	58-89-9	0.1	9.2	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	gamma-Chlordane	5566-34-7	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Methoxychlor	72-43-5	NE	NE		ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	ND< 0.00174	mg/kg	U	NS			NS			ND< 0.00185	mg/kg	U	NS			NS			ND< 0.00176	mg/kg	U	NS		
SW8081	Toxaphene	8001-35-2	NE	NE		ND< 0.174	mg/kg	U	NS			NS			ND< 0.185	mg/kg	U	NS			NS			ND< 0.176	mg/kg	U	NS		
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		ND< 0.0209	mg/kg	U	NS			NS			ND< 0.0225	mg/kg	U	NS			NS			ND< 0.0212	mg/kg	U	NS		
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		ND< 0.0209	mg/kg	U	NS			NS			ND< 0.0225	mg/kg	U	NS			NS			ND< 0.0212	mg/kg	U	NS		
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	ND< 0.0209	mg/kg	U	NS			NS			ND< 0.0225	mg/kg	U	NS			NS			ND< 0.0212	mg/kg	U	NS		
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0175	mg/kg	U	ND< 0.0199	mg/kg	U	ND< 0.0202	mg/kg	U	ND< 0.0206	mg/kg	U	ND< 0.0187	mg/kg	U	ND< 0.018	mg/kg	U	ND< 0.0179	mg/kg	U	ND< 0.0176	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

		Date Sampled		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020		12/21/2020		12/21/2020		12/22/2020		12/22/2020		12/22/2020		12/22/2020			
		Property		164 Garden Street		164 Garden Street		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue			
		Sample Depth		SB-36 0-2"		SB-36 2-24"		SB-37 0-2"		SB-37 2-24"		SB-37 2-24"		SB-38 0-2"		SB-38 2-24"		SB-39 0-2"		SB-39 2-24"		SB-40 0-2"		SB-40 2-24"			
		Sample ID		SB-36 0-2 20201218		SB-36 2-24 20201218		SB-37 0-2 20201218		SB-37 2-24 20201218		SB-37 2-24 20201218		SB-38 0-2 20201221		SB-38 2-24 20201221		SB-39 0-2 20201222		SB-39 2-24 20201222		SB-40 0-2 20201222		SB-40 2-24 20201222			
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit		
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Alpha Endosulfan	959-98-8	2.4	200	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Chlordane	57-74-9	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	300	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Dieldrin	66-57-1	0.005	1.4	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Endrin	72-20-8	0.014	89	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Endrin Ketone	53494-70-5	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Gamma BHC (Lindane)	58-89-9	0.1	9.2	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	gamma-Chlordane	5566-34-7	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	Methoxychlor	72-43-5	NE	NE		NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0019	mg/kg	U	
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.0130	mg/kg	U	
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	NS		ND< 0.00182	mg/kg	U	0.00502	mg/kg	NS		NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		ND< 0.00913	mg/kg	U
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	NS		ND< 0.00182	mg/kg	U	ND< 0.00171	mg/kg	U	NS		ND< 0.00191	mg/kg	U	ND< 0.00203	mg/kg	U	NS		0.0442	mg/kg	NS	
SW8081	Toxaphene	8001-35-2	NE	NE		NS		ND< 0.182	mg/kg	U	ND< 0.171	mg/kg	U	NS		ND< 0.191	mg/kg	U	ND< 0.203	mg/kg	U	NS		0.131	mg/kg	U	
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		NS		ND< 0.0221	mg/kg	U	ND< 0.021	mg/kg	U	NS		ND< 0.0232	mg/kg	U	ND< 0.024	mg/kg	U	NS		ND< 0.023	mg/kg	U	
SW8151	Acetic acid (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		NS		ND< 0.0221	mg/kg	U	ND< 0.021	mg/kg	U	NS		ND< 0.0232	mg/kg	U	ND< 0.024	mg/kg	U	NS		ND< 0.023	mg/kg	U	
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	NS		ND< 0.0221	mg/kg	U	ND< 0.021	mg/kg	U	NS		ND< 0.0232	mg/kg	U	ND< 0.024	mg/kg	U	NS		ND< 0.023	mg/kg	U	
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0176	mg/kg	U	ND< 0.0183	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0188	mg/kg	U	ND< 0.0186	mg/kg	U	ND< 0.0205	mg/kg	U	ND< 0.0186	mg/kg	U	

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
 Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NS = Not sampled for this compound;
 FD = Field Duplicate
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		12/18/2020		12/18/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/21/2020		12/21/2020		12/21/2020											
			Property		164 Garden Street		164 Garden Street		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue											
			Location		SB-41		SB-41		SB-42		SB-42		SB-43		SB-43		SB-44		SB-44		SB-44											
			Sample Depth		0-2"		2-24"		0-2"		2-14"		0-2"		2-24"		0-2"		2-24"		2-24"											
			Sample ID		SB-41 0-2 20201218		SB-41 2-24 20201218		SB-42 0-2 20201208		SB-42 2-14 20201208		SB-43 0-2in 20201208		SB-43 2-24in 20201208		SB-44 0-2 20201221		SB-44 2-24 20201221		B-44 2-24 FD 20201222											
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q									
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Alpha Endosulfan	959-98-8	2.4	200	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Chlordane	57-74-9	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	300	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Dieldrin	60-57-1	0.005	1.4	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Endrin	72-20-8	0.014	89	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Endrin Ketone	53494-70-5	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Gamma Bhc (Lindane)	58-89-9	0.1	9.2	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	gamma-Chlordane	5566-34-7	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Methoxychlor	72-43-5	NE	NE		NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	NS			ND< 0.00188	mg/kg	U	NS			NS			ND< 0.00202	mg/kg	U	NS											
SW8081	Toxaphene	8001-35-2	NE	NE		NS			ND< 0.188	mg/kg	U	NS			NS			ND< 0.202	mg/kg	U	NS											
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		NS			ND< 0.0229	mg/kg	U	NS			NS			ND< 0.0244	mg/kg	U	NS											
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		NS			ND< 0.0229	mg/kg	U	NS			NS			ND< 0.0244	mg/kg	U	NS											
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	NS			ND< 0.0229	mg/kg	U	NS			NS			ND< 0.0244	mg/kg	U	NS											
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0185	mg/kg	U	ND< 0.0181	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	ND< 0.0182	mg/kg	U	ND< 0.019	mg/kg	U	ND< 0.0173	mg/kg	U	ND< 0.0174	mg/kg	U	0.735	mg/kg	U	0.441	mg/kg	U	ND< 0.0204	mg/kg	U	ND< 0.0191	mg/kg	U	ND< 0.0191	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 1D - Pesticides, herbicides & PCBs in Surface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE File #560532

			Date Sampled		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/18/2020		12/18/2020		12/18/2020		12/18/2020	
			Property Location		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street	
			Sample Depth		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"		0-2"		2-24"	
			Sample ID		SB-45 0-2in 20201208		SB-45 2-24in 20201208		SB-46 0-2 20201208		SB-46 2-24 20201208		SB-47 0-2 20201218		SB-47 2-24 20201218		SB-48 0-2 20201218		SB-48 2-24 20201218	
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8081	Aldrin	309-00-2	0.005	0.68	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Alpha Endosulfan	959-98-8	2.4	200	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.036	3	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Beta Endosulfan	33213-65-9	2.4	200	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Chlordane	57-74-9	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	cis-Chlordane	5103-71-9	0.094	24	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	300	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Dieldrin	66-57-1	0.005	1.4	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Endosulfan Sulfate	1031-07-8	2.4	200	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Endrin	72-20-8	0.014	89	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Endrin Aldehyde	7421-93-4	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Endrin Ketone	53494-70-5	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Gamma BHC (Lindane)	58-89-9	0.1	9.2	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	gamma-Chlordane	5566-34-7	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Heptachlor	76-44-8	0.042	15	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Heptachlor Epoxide	1024-57-3	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Methoxychlor	72-43-5	NE	NE		NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	P,P'-DDD	72-54-8	0.0033	92	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	P,P'-DDE	72-55-9	0.0033	62	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	P,P'-DDT	50-29-3	0.0033	47	mg/kg	NS			NS			NS			ND< 0.00188	mg/kg	U	ND< 0.00173	mg/kg	U
SW8081	Toxaphene	8001-35-2	NE	NE		NS			NS			NS			ND< 0.188	mg/kg	U	ND< 0.173	mg/kg	U
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NE	NE		NS			NS			NS			ND< 0.0228	mg/kg	U	ND< 0.0208	mg/kg	U
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NE	NE		NS			NS			NS			ND< 0.0228	mg/kg	U	ND< 0.0208	mg/kg	U
SW8151	Silvex (2,4,5-TP)	93-72-1	3.8	500	mg/kg	NS			NS			NS			ND< 0.0228	mg/kg	U	ND< 0.0208	mg/kg	U
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE	NE		0.135	mg/kg		0.0427	mg/kg		ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE	NE		ND< 0.0175	mg/kg	U	ND< 0.0174	mg/kg	U	ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	1	mg/kg	0.135	mg/kg		0.0427	mg/kg		ND< 0.0172	mg/kg	U	ND< 0.0175	mg/kg	U	ND< 0.0192	mg/kg	U

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSCOs;
NS = Not sampled for this compound;
FD = Field Duplicate
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 1E - Emerging Contaminants in Surface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375 PFAS Guidance
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 NYSDEC Site #C314131
 PVE File #560532

			Date Sampled			12/8/2020			12/18/2020			12/21/2020			12/22/2020			12/18/2020		
			Property			58 Parker Avenue			164 Garden Street			58 Parker Avenue			58 Parker Avenue			164 Garden Street		
			Location			SB-27			SB-34			SB-38			SB-40			SB-48		
			Sample Depth			0-2"			0-2"			2-24"			0-2"			2-24"		
			Sample ID			SB-27 0-2 20201208			SB-34 0-2 20201218			SB-38 2-24 20201221 EC			SB-40 0-2 20201222			SB-48 2-24 20201218		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
8270D SIM	1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE		ND< 0.00971	ug/kg	U	ND< 0.00971	ug/kg	U	ND< 0.00962	ug/kg	U	ND< 0.00952	ug/kg	U	ND< 0.00962	ug/kg	U
E537	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorobutanoic Acid	375-22-4	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	2.34	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	440	ug/kg	1.23	ug/kg	J	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	1.95	ug/kg	J	ND< 0.534	ug/kg	U
E537	Perfluorooctanoic acid (PFOA)	335-67-1	0.66	500	ug/kg	ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	0.616	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U
E537	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NE	NE		ND< 0.528	ug/kg	U	ND< 0.501	ug/kg	U	ND< 0.543	ug/kg	U	ND< 0.568	ug/kg	U	ND< 0.534	ug/kg	U

Notes:
 Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 January 2021 PFAS Guidance
 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
 Red shading designates those compounds detected at concentrations exceeding CSCOs;
 NE = No standard established;
 ND and U = Not detected at method detection limit for sample;
 UJ = The analyte was not detected above the reported sample quantitation limit; &
 B = Analyte detected in associated analysis batch blank.

Table 2A - VOCs in Subsurface Soil Samples
 Compared to USDEC and CSDCs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 PVE File #060532

		Date Sampled		12/21/2020		12/21/2020		12/9/2020		12/8/2020		12/8/2020		12/8/2020		12/22/2020		12/22/2020		12/21/2020		12/21/2020	
		Property		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue	
		Location		SB-22		SB-23		SB-24		SB-25		SB-26		SB-27		SB-28		SB-29		SB-30		SB-31	
		Sample ID		SB-22 8-10 20201221		SB-23 14-16 20201221		SB-24 8-9 20201209		SB-25 5-7 20201208		SB-26 8-10 20201208		SB-27 6-8 20201208		SB-28 6-5-7 20201208		SB-29 7-9 20201222		SB-30 7-9 20201222		SB-31 7-9 20201221	
		Unit		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Method	Analyte	CAS RN	USDEC	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit
SWR6200	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	mg/kg	R	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1,1,2-Tetrachloroethane	630-20-4	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1,1-Trichloroethane (TCA)	71-55-6	0.68	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1,1,2-Tetrachloroethane	79-34-5	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1,2-Trichloroethane	76-13-1	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1,2-Trichloroethane	79-00-5	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1-Dichloroethane	75-34-3	0.27	240	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1-Dichloroethane	75-34-4	0.13	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,1-Dichloropropene	563-58-6	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2-Dichlorobenzene	87-61-6	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2,3-Trichloropropene	86-18-4	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2,4-Trichlorobenzene	120-82-1	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2,4-Trimethylbenzene	95-63-6	1.6	190	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2-Dibromoethane	96-12-8	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2-Dibromomethane (Ethylene Dibromide)	106-93-4	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2-Dichlorobenzene	95-50-1	1.1	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,2-Dichloropropene	107-96-3	0.02	30	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,3-Dichloropropene	78-87-5	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,3-Dichlorobenzene	541-73-1	1.4	280	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,3-Dichloropropene	142-28-9	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	1,4-Dichlorobenzene	106-46-2	1.8	130	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	2,2-Dichloropropene	794-29-7	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	2-Chlorotoluene	95-49-8	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	2-Hexanone	591-78-4	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	4-Chlorotoluene	106-44-8	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Acetone	67-64-1	0.05	500	mg/kg	U	ND<0.014	mg/kg	U	ND<0.013	mg/kg	U	ND<0.0093	mg/kg	U	ND<0.013	mg/kg	U	ND<0.0092	mg/kg	U	ND<0.010	mg/kg
SWR6200	Acetone	107-02-8	NE	NE	mg/kg	U	ND<0.014	mg/kg	U	ND<0.013	mg/kg	U	ND<0.0093	mg/kg	U	ND<0.013	mg/kg	U	ND<0.0092	mg/kg	U	ND<0.010	mg/kg
SWR6200	Axetonitrile	107-13-1	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Benzene	71-43-2	0.06	44	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Bromobenzene	106-96-5	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Bromochloromethane	74-97-5	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Bromodichloromethane	75-27-4	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Bromofluoromethane	75-25-2	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Bromomethane	74-83-9	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Carbon Disulfide	75-15-0	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Carbon Tetrachloride	56-23-5	0.76	12	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Chlorobenzene	108-90-7	1.1	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Chloroethane	75-00-3	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Chloroform	64-17-3	0.17	200	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Chromene	74-83-3	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Cis-1,2-Dichloroethylene	156-59-2	0.25	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Cis-1,2-Dichloroethylene	156-59-3	0.15	500	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Cyclohexane	110-82-7	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Dibromomethane	124-46-1	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Dibromochloromethane	124-46-3	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Dichlorodibromomethane	75-71-8	NE	NE	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg	U	ND<0.0069	mg/kg
SWR6200	Ethylbenzene	100-41-4	1	390</																			

Table 2A - VOCs in Subsurface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
PVE File # 560532

[illegible]

Notes:
Standards are for respective Soil Cleanup Objectives per NYSEDEC Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs) and Commercial Use Soil Cleanup Objectives (CSCO);
■ shading designates those compounds detected at concentrations exceeding USCOs;
■ shading designates those compounds detected at concentrations exceeding CSCO;
■ = No standard established;
ND and U = Not detected at method detection limit for sample;
U1 = The analyte was not detected above the reported sample quantitation limit;
R = The samples result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria; &
1. Result calculated between the quantitation limit and half the quantitation limit

Table 2B - SVOCs in Subsurface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
PVE File #560532

[illegible]

Notes:
Standards are for respective Soil Cleanup Objectives per NYSEDEC Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs), and Commercial Use Soil Cleanup Objectives (CSOs);
Yellow shading designates those compounds detected at concentrations exceeding USCOs;
Red shading designates those compounds detected at concentrations exceeding CSOs;
NS = Not sampled for this compound;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
U = The analyte was not detected above the reported sample quantitation limit;
B = Analyte detected in associated analysis batch blank;
1 = Result estimated between the quantitation limit and half the quantitation limit

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (USCDOs), and Commercial Use Soil Cleanup Objectives (CSCDOs)
Yellow shading designates those compounds detected at concentrations exceeding USCDO
Red shading designates those compounds detected at concentrations exceeding CSCDO;
NS = Not sampled for this compound;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
UI = The analyte was not detected above the reported sample quantitation limit;
B = Analyte detected in associated analysis batch blank; &
J = Result estimated between the quantitation limit and half the quantitation limit.

[illegible]

Table 2C - Metals in Subsurface Soil Samples
Compared to USCSOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
PVE File #560532

Date Sampled		12/21/2020		12/21/2020		12/9/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/22/2020		12/22/2020		12/21/2020		12/21/2020		
Property Location		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		
Sample Depth		SB-22 8-10'		SB-23 14-16'		SB-24 8-9.5'		SB-25 5-7'		SB-26 8-10'		SB-27 6-8'		SB-28 6.5-7.5'		SB-29 7-9'		SB-29 7-9'		SB-30 7-9'		SB-30 7-9'		
Sample ID		SB-22 8-10 20201221		SB-23 14-16 20201221		SB-24 8-9.5 20201209		SB-25 5-7 20201208		SB-26 8-10 20201208		SB-27 6-8 20201208		SB-28 6.5-7.5 20201208		SB-29 7-9 20201222		SB-29 7-9 20201222		SB-30 7-9 20201221		SB-30 7-9 20201221		
Method	Analyte	CAS RN	USCSOs	CSCOs	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW6010	Aluminum	7429-90-5	NE	NE	mg/kg	12500	mg/kg	11300	mg/kg	11500	mg/kg	11600	mg/kg	12300	mg/kg	12800	mg/kg	14900	mg/kg	15000	mg/kg	11800	mg/kg	
SW6010	Antimony	7440-36-0	NE	NE	mg/kg	ND< 2.73	mg/kg	U	ND< 4.67	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.94	mg/kg	U	ND< 2.9	mg/kg	U	
SW6010	Arsenic	7440-38-2	13	16	mg/kg	4.07	mg/kg	11.2	mg/kg	6.40	mg/kg	7.06	mg/kg	8.28	mg/kg	ND< 1.76	mg/kg	U	5.57	mg/kg	5.24	mg/kg	ND< 1.74	mg/kg
SW6010	Barium	7440-39-3	350	400	mg/kg	13.4	mg/kg	143	mg/kg	13.4	mg/kg	19.9	mg/kg	136	mg/kg	46.7	mg/kg	15.0	mg/kg	22.9	mg/kg	26.9	mg/kg	
SW6010	Beryllium	7440-41-7	122	590	mg/kg	0.795	mg/kg	0.352	mg/kg	0.549	mg/kg	0.868	mg/kg	ND< 0.055	mg/kg	U	0.456	mg/kg	0.455	mg/kg	0.322	mg/kg	0.545	mg/kg
SW6010	Cadmium	7440-43-9	2.5	9.3	mg/kg	0.519	mg/kg	0.618	mg/kg	ND< 0.347	mg/kg	U	0.363	mg/kg	ND< 0.328	mg/kg	U	ND< 0.353	mg/kg	U	ND< 0.347	mg/kg	U	
SW6010	Calcium	7440-70-2	NE	NE	mg/kg	39500	mg/kg	8	6320	mg/kg	8	893	mg/kg	8	20100	mg/kg	8	10400	mg/kg	8	ND< 0.353	mg/kg	U	
SW6010	Chromium, Total	7440-47-3	11	NE	mg/kg	14.1	mg/kg	18.7	mg/kg	15.0	mg/kg	28.9	mg/kg	31.0	mg/kg	31.2	mg/kg	17.1	mg/kg	19.8	mg/kg	18.3	mg/kg	
SW6010	Cobalt	7440-48-4	NE	NE	mg/kg	19.8	mg/kg	11.5	mg/kg	13.0	mg/kg	13.9	mg/kg	10.8	mg/kg	10.2	mg/kg	15.2	mg/kg	19.7	mg/kg	12.3	mg/kg	
SW6010	Copper	7440-50-8	30	270	mg/kg	50.2	mg/kg	65.1	mg/kg	34.3	mg/kg	39.4	mg/kg	48.5	mg/kg	34.3	mg/kg	51.0	mg/kg	61.7	mg/kg	8	29.3	
SW6010	Iron	7439-89-6	NE	NE	mg/kg	19400	mg/kg	19400	mg/kg	25200	mg/kg	19500	mg/kg	35700	mg/kg	46600	mg/kg	12000	mg/kg	35300	mg/kg	14400	mg/kg	
SW6010	Lead	7439-92-1	63	1000	mg/kg	15.3	mg/kg	26.8	mg/kg	10.9	mg/kg	7.28	mg/kg	10.4	mg/kg	18.0	mg/kg	10.3	mg/kg	17.3	mg/kg	14.5	mg/kg	
SW6010	Magnesium	7439-95-4	NE	NE	mg/kg	5000	mg/kg	3370	mg/kg	6080	mg/kg	8160	mg/kg	3850	mg/kg	7930	mg/kg	7140	mg/kg	8860	mg/kg	7080	mg/kg	
SW6010	Manganese	7439-96-5	1500	10000	mg/kg	547	mg/kg	859	mg/kg	572	mg/kg	574	mg/kg	370	mg/kg	677	mg/kg	454	mg/kg	722	mg/kg	586	mg/kg	
SW6010	Nickel	7440-02-0	30	310	mg/kg	103	mg/kg	27.6	mg/kg	27.7	mg/kg	34.3	mg/kg	46.4	mg/kg	41.7	mg/kg	32.1	mg/kg	37.3	mg/kg	35.2	mg/kg	
SW6010	Potassium	7440-09-7	NE	NE	mg/kg	174	mg/kg	864	mg/kg	460	mg/kg	567	mg/kg	1170	mg/kg	1210	mg/kg	809	mg/kg	867	mg/kg	1180	mg/kg	
SW6010	Selenium	7782-49-2	5.9	1500	mg/kg	ND< 2.73	mg/kg	U	ND< 4.67	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.94	mg/kg	U	ND< 2.94	mg/kg	U	
SW6010	Silver	7440-22-4	2	1500	mg/kg	ND< 0.946	mg/kg	U	ND< 0.934	mg/kg	U	ND< 0.579	mg/kg	U	ND< 0.565	mg/kg	U	0.984	mg/kg	U	ND< 0.588	mg/kg	U	
SW6010	Sodium	7440-23-5	NE	NE	mg/kg	ND< 54.6	mg/kg	U	215	mg/kg	U	171.4	mg/kg	U	172	mg/kg	ND< 58.8	mg/kg	U	ND< 55.6	mg/kg	U	ND< 57.9	mg/kg
SW6010	Thallium	7440-28-0	NE	NE	mg/kg	ND< 2.73	mg/kg	U	ND< 4.67	mg/kg	U	ND< 2.89	mg/kg	U	ND< 2.82	mg/kg	U	ND< 2.94	mg/kg	U	ND< 2.92	mg/kg	U	
SW6010	Vanadium	7440-62-2	NE	NE	mg/kg	11.6	mg/kg	23.9	mg/kg	11.5	mg/kg	14.7	mg/kg	18.2	mg/kg	12.0	mg/kg	14.9	mg/kg	15.0	mg/kg	11.4	mg/kg	
SW6010	Zinc	7440-66-6	100	10000	mg/kg	213	mg/kg	48.5	mg/kg	38.4	mg/kg	99.9	mg/kg	139	mg/kg	122	mg/kg	70.1	mg/kg	119	mg/kg	115	mg/kg	
SW7473	Mercury	7439-97-6	0.18	2.8	mg/kg	ND< 0.0328	mg/kg	U	1.26	mg/kg	U	ND< 0.0347	mg/kg	U	0.0665	mg/kg	U	ND< 0.036	mg/kg	U	0.0208	mg/kg	U	

Table 2C - Metals in Subsurface Soil Samples
Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
PVE File # 560532

		Date Sampled		Property Location		12/1/2020 SB Parker Avenue		12/9/2020 SB Parker Avenue		12/16/2020 164 Garden Street		12/19/2020 164 Garden Street		12/19/2020 164 Garden Street		12/19/2020 164 Garden Street		12/8/2020 SB Parker Avenue		12/9/2020 SB Parker Avenue		12/18/2020 164 Garden Street	
		Sample Depth		Location		SB-31 10-12		SB-32 8-10		SB-33 3-33		SB-34 10-12		SB-35 15-35		SB-36 14-16		SB-43 3-43		SB-45 2-5		SB-48 2-5	
		Sample ID		Sample ID		SB-31-31 10-12 2021		SB-32-8 10-12 2020		SB-33-6 6 2021		SB-34-10 12 2021		SB-35-15 35 2021		SB-36-14 16 2021		SB-43-24 48 2021		SB-45-240-4-2021		SB-48-7-5-5 2021	
Method	Analyte	CAS RN	USESCO	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit
SW610	Antimony	7440-36-9	NE	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg
SW610	Arsenic	7440-38-2	13	16	mg/kg	7.87	mg/kg	10.8	mg/kg	3.68	mg/kg	8.12	mg/kg	5.88	mg/kg	18.5	mg/kg	3.05	mg/kg	7.72	mg/kg	7.72	mg/kg
SW610	Barium	7440-39-3	13	16	mg/kg	7.77	mg/kg	14.60	mg/kg	0.16	mg/kg	0.347	mg/kg	1.11	mg/kg	0.959	mg/kg	3.09	mg/kg	3.09	mg/kg	3.09	mg/kg
SW610	Beryllium	7440-41-7	17.2	590	mg/kg	2.08	mg/kg	0.165	mg/kg	0.18	mg/kg	0.18	mg/kg	1.58	mg/kg	0.059	mg/kg	0.305	mg/kg	0.305	mg/kg	0.305	mg/kg
SW610	Cadmium	7440-43-4	25	9.3	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	0.812	mg/kg	ND	mg/kg	0.812	mg/kg
SW610	Copper	7440-75-4	35	120	mg/kg	14.50	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	0.355	mg/kg	ND	mg/kg	0.355	mg/kg
SW610	Chromium, Total	7440-47-3	31	NE	mg/kg	18.0	mg/kg	22.3	mg/kg	14.2	mg/kg	18.7	mg/kg	21.0	mg/kg	25.3	mg/kg	600	mg/kg	21.1	mg/kg	14.0	mg/kg
SW610	Cobalt	7440-48-4	NE	NE	mg/kg	15.0	mg/kg	18.7	mg/kg	8.88	mg/kg	15.1	mg/kg	12.7	mg/kg	11.6	mg/kg	13.0	mg/kg	18.6	mg/kg	18.6	mg/kg
SW610	Iron	7440-52-6	35	170	mg/kg	65.8	mg/kg	65.8	mg/kg	15.9	mg/kg	15.9	mg/kg	12.50	mg/kg	94.6	mg/kg	11.4	mg/kg	11.4	mg/kg	11.4	mg/kg
SW610	Iron	7440-48-4	NE	NE	mg/kg	11600	mg/kg	42800	mg/kg	18500	mg/kg	16400	mg/kg	25900	mg/kg	7600	mg/kg	26000	mg/kg	11500	mg/kg	11500	mg/kg
SW610	Lead	7439-92-1	63	1000	mg/kg	13.8	mg/kg	20.3	mg/kg	597	mg/kg	21.0	mg/kg	55.4	mg/kg	21.2	mg/kg	115	mg/kg	88.2	mg/kg	969	mg/kg
SW610	Manganese	7440-66-3	1600	1000	mg/kg	260	mg/kg	2530	mg/kg	360	mg/kg	2180	mg/kg	6940	mg/kg	880	mg/kg	550	mg/kg	550	mg/kg	550	mg/kg
SW610	Manganese	7439-96-5	1600	1000	mg/kg	103	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg	364	mg/kg
SW610	Nickel	7440-42-0	30	310	mg/kg	28.7	mg/kg	39.4	mg/kg	156.4	mg/kg	28.5	mg/kg	25.5	mg/kg	60.8	mg/kg	115	mg/kg	36.3	mg/kg	17.2	mg/kg
SW610	Potassium	7723-14-0	NE	NE	mg/kg	1480	mg/kg																
SW610	Potassium	7723-14-0	NE	NE	mg/kg	1480	mg/kg																
SW610	Tin	7440-32-9	50	500	mg/kg	3.82	mg/kg	1.06	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg
SW610	Silver	7440-22-4	2	1500	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg
SW610	Sodium	7440-23-5	NE	NE	mg/kg	62.5	mg/kg	166	mg/kg	413	mg/kg	320	mg/kg	105	mg/kg	111	mg/kg	72	mg/kg	190	mg/kg	420	mg/kg
SW610	Thallium	7440-26-2	NE	NE	mg/kg	2.29	mg/kg	0.369	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg
SW610	Vanadium	7440-62-2	NE	NE	mg/kg	15.9	mg/kg	15.9	mg/kg	15.6	mg/kg	14.9	mg/kg	19.2	mg/kg	18.6	mg/kg	18.6	mg/kg	19.3	mg/kg	18.6	mg/kg
SW610	Zinc	7440-66-6	109	1000	mg/kg	113	mg/kg	140	mg/kg	345	mg/kg	419	mg/kg	148	mg/kg	146	mg/kg	202	mg/kg	27.0	mg/kg	8	mg/kg
SW473	Mercury	7440-10-2	0.0991	0.1	mg/kg	0.0214	mg/kg	0.0484	mg/kg	0.047	mg/kg	0.047	mg/kg	0.0355	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg	ND	mg/kg

Notes:
Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 Unrestricted Use
Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSO);
Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;
Red shading designates those compounds detected at concentrations exceeding CSO;
NE = No standard established;
ND and U = Not detected at method detection limit for sample;
B = Analyte detected in associated analysis batch blank;
1 = Result estimated between the quantization limit and half the quantization limit

Table 20 - Pesticides, herbicides & PCBs in Subsurface Soil Samples
 Compared to LUSCCLs and CCLCs per 8 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 PVE File #560532

		Date Sampled	Property	Location	Sample Depth	12/21/2020	12/21/2020	12/9/2020	12/9/2020	12/8/2020	12/8/2020	12/8/2020	12/8/2020	12/22/2020	12/22/2020	12/21/2020	12/21/2020
		58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue	58 Parker Avenue
		SB-22	SB-23	SB-24	SB-25	SB-26	SB-27	SB-28	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-30	SB-30
		8-10	14-16	8-9.5	9-7	8-10	6-8	6.5-7.5	7-9	6.5-7.5	6.5-7.5	6.5-7.5	6.5-7.5	7-9	7-9	7-9	7-9
		SB-23 14-16 20201221	SB-23 14-16 20201221	SB-24 8-9.5 20201209	SB-25 9-7 20201208	SB-26 8-10 20201208	SB-27 6-8 20201208	SB-28 6.5-7.5 20201208	SB-29 7-9 20201222	SB-29 6.5-7.5 20201208	SB-29 6.5-7.5 20201208	SB-29 6.5-7.5 20201208	SB-29 6.5-7.5 20201208	SB-29 7-9 20201222	SB-29 7-9 20201222	SB-30 7-9 20201221	SB-30 7-9 20201221
Method	Analyte	CAS RN	LUSCCL	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result
SWR001	Aldrin	309-00-2	0.009	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Alpha BHC (Alpha Hexachlorocyclohexane)	112-04-4	0.03	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Alpha Endosulfan	759-98-8	0.4	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Alpha BHC (Beta Hexachlorocyclohexane)	112-05-7	0.008	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Beta Endosulfan	11213-65-9	0.4	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Chlordane	107-74-9	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Gamma-Chlordane	103-71-9	0.094	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Delta BHC (Delta Hexachlorocyclohexane)	119-88-8	0.04	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Endrin	69-57-1	0.005	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Endosulfan Sulfate	1031-07-8	0.4	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Endrin	72-20-3	0.014	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Endrin Aldohyde	741-53-4	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Endrin Ketone	53464-70-5	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Gamma BHC (Lindane)	58-89-9	0.1	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Gamma-Chlordane	6566-24-7	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Heptachlor	75-44-9	0.062	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Heptachlor Epoxide	1024-57-3	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Methoxychlor	72-43-5	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	P-PD0	72-54-8	0.0033	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	P-PD0E	72-55-9	0.0033	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	P-PD0T	72-29-3	0.0033	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Toxaphene	8001-35-2	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR151	2,4-D (Dichlorophenylacetic Acid)	94-75-7	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR151	Acetic acid, (2,4,5-trichlorophenyl)-	93-76-5	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR151	Silene (2,4,5-TPI)	30-72-1	0.8	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1016 (Acceptor 1016)	10794-33-3	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1221 (Acceptor 1221)	11104-28-2	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-123 (Acceptor 123)	11141-16-5	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1242 (Acceptor 1242)	51469-21-0	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1248 (Acceptor 1248)	12672-29-4	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1249 (Acceptor 1249)	11097-09-1	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	PBB-1260 (Acceptor 1260)	11096-82-5	NE	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS
SWR001	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.1	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS	mg/kg	NS

Notes:
 Standards are for respective Soil Cleanup Objective (per 8 NYCRR Part 375 Unrestricted Use
 Soil Cleanup Objectives (LUSCCLs), and Commercial Use Soil Cleanup Objective (CCLCs)
 NE = Not sampled for this compound
 NS = Not detected at method detection limit for sample
 NS = No standard established, B
 NS and U = Not detected at method detection limit for sample

Table 2D - Pesticides, herbicides & PCBs in Subsurface Soil Samples Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
PVE File #560532

[illegible]

Notes:

Standards are for respective Soil Cleanup Objectives per NYSED Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs), and Commercial Use Soil Cleanup Objectives (CSOs);

Yellow shading designates those compounds detected at concentrations exceeding USCO;

Red shading designates those compounds detected at concentrations exceeding CSOs;

NS = Not sampled for this compound;

NI = No standard established; &

ND and U = Not detected at analytical detection limit for sample.

Table 2E - Emerging Contaminants in Subsurface Soil Samples
 Compared to UUSCOs and CSCOs per 6 NYCRR Part 375
 58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
 PVE File #560532

			Date Sampled		12/8/2020		
			Property		58 Parker Avenue		
			Location		SB-45		
			Sample Depth		24"-4.5'		
			Sample ID		SB-45 24-4.5 20201208		
Method	Analyte	CAS RN	UUSCOs	CSCOs	Unit	Result	Unit Q
8270D SIM	1,4-Dioxane (P-Dioxane)	123-91-1	NE	NE		ND< 0.00935	ug/kg U
E537	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE		ND< 0.567	ug/kg U
E537	N-Ethyl-N-((heptadecafluorooctyl)sulphonyl) glycine	2991-50-6	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorobutanoic Acid	375-22-4	NE	NE		3.32	ug/kg
E537	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NE	NE		ND< 0.567	ug/kg U
E537	Perfluoroheptane Sulfonate (PFHPS)	375-92-8	NE	NE		ND< 0.567	ug/kg U
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	440	ug/kg	ND< 0.567	ug/kg U
E537	Perfluorooctanoic acid (PFOA)	335-67-1	0.66	500	ug/kg	ND< 0.567	ug/kg U
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NE	NE		ND< 0.567	ug/kg U
E537	Perfluorotridecanoic Acid (PFTriA)	72629-94-8	NE	NE		ND< 0.567	ug/kg U
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NE	NE		ND< 0.567	ug/kg U
E537	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	NE	NE		ND< 0.567	ug/kg U
E537	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	27619-97-2	NE	NE		ND< 0.567	ug/kg U

Notes:

Standards are for respective Soil Cleanup Objectives per NYSDEC Part 375 January 2021 PFAS Guidance
 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Commercial Use Soil Cleanup Objectives (CSCOs);

Yellow shading designates those compounds detected at concentrations exceeding UUSCOs;

Red shading designates those compounds detected at concentrations exceeding CSCOs;

NE = No standard established; &

ND and U = Not detected at method detection limit for sample.

Table 3A - VOCs in Groundwater Samples
Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
58 Parker & 164 Garden Street, Poughkeepsie, NY
NYSDEC BCP Site #C314131
PVE File #560532

Method	Analyte	CAS RN	CLASS	Sample ID	Date Sampled		12/28/2020		12/29/2020		12/29/2020		12/28/2020		12/28/2020		12/29/2020		12/29/2020		12/23/2020		12/23/2020		12/23/2020		12/28/2020		
					Property Location	58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		58 Parker Avenue	
						MW-2	MW-2	MW-3	MW-3	MW-5	MW-6	MW-7	MW-8	MW-11	MW-11	MW-11	MW-11	MW-12	MW-13										
					Sample ID	MW-2	MW-3	MW-5	MW-6	MW-7	MW-8	MW-11	MW-11	MW-12	MW-13														
SW8260	1,1,2-Trichloroethane	630-20-6	5	U	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	
SW8260	1,1,2-Trichloroethane	71-55-6	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,1,2-Trichloroethane (TCA)	79-34-5	5	U	ND<0.500	ug/l	U	R	0.000	ug/l	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,1,2,2-Trichloroethane	79-34-5	5	U	R			R			ND<0.500	ug/l	U	R			ND<0.500	ug/l	U	R			ND<0.500	ug/l	U	R			
SW8260	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,1,2-Trichloroethane	79-05-5	1	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,1-Dichloroethane	75-34-3	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	0.470	ug/l	U	0.660	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,1-Dichloroethane	75-35-4	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	0.270	ug/l	U	ND<0.500	ug/l	U	0.340	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dichloropropane	563-58-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2,3-Trichlorobenzene	87-61-6	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2,3-Trichloropropane	120-82-4	0.04	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2,4-Trichlorobenzene	96-18-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2,4-Trichlorobenzene	95-63-6	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2,4-Trimethylbenzene	95-63-6	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dibromo-3-Chloropropane	96-12-8	0.04	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dibromobenzene (Ethylene Dibromide)	106-93-4	0.0006	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dichlorobenzene	95-50-1	3	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dichloroethane	107-06-2	0.6	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,2-Dichloropropane	78-87-5	1	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,3-Dichlorobenzene	541-73-3	3	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,3-Dichloropropane	142-28-9	3	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,4-Dichlorobenzene	106-46-7	2	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	1,4-Dioxane (P-Dioxane)	123-91-1	NE	R				R			R			R			R			R			R			R			
SW8260	2,2-Dichloropropane	594-20-7	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	2-Chlorotoluene	95-49-8	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	2-Hexanone	591-78-6	50	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	4-Chlorotoluene	106-43-4	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Acetone	67-64-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Acrolein	107-02-8	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Acrylonitrile	107-13-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Benzene	71-43-2	1	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Bromobenzene	108-96-1	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Bromodichloromethane	74-97-5	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Bromodichloromethane	75-27-4	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Bromoforn	75-25-2	50	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Bromomethane	74-83-9	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Carbon Disulfide	75-10-5	60	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Carbon Tetrachloride	56-23-0	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Chlorobenzene	108-90-7	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Chloroethane	75-20-3	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Chloroform	67-68-8	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	720	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Chloromethane	74-87-3	5	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Cis-1,2-Dichloroethylene	156-59-3	5	U	ND<0.500	ug/l	U	0.760	ug/l	U	2.59	ug/l	U	2.72	ug/l	U	132	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Cis-1,3-Dichloropropene	10061-01-5	0.4	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	
SW8260	Cyclohexane	110-82-7	NE	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	ND<0.500	ug/l	U	U	
SW8260	Dibromodichloromethane																												

Notes:
Standards are for Class GA groundwater according 6NYCRR Part 700-705;
Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
NE = No standard established;
NS = Not sampled for this analyte per NYSDEC approved RIWP;
FB = Field Blank;
FD = Field Duplicate;
U = The analyte was not detected above the reported sample quantitation limit;
J = Detected below the Reporting Limit but greater than or equal to the Method Detection Limit, the result is estimated; &
ND and U = Not detected at MDL for sample.

Table 3B - SVOCs in Groundwater Samples
Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
58 Parker & 164 Garden Street, Poughkeepsie, NY
NYSDEC BCP Site #C314131
PVE File #560532

[illegible]

Notes:
Standards are for Class GA groundwater according 6NYCRR Part 700-705;
Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
NE = Not sample established;
NS = Not sampled for this analyte per NYSDEC approved RIWP;
FB = Field Blank;
UJ = The analyte was not detected above the reported sample quantitation limit;
FD = Field Duplicate;
Detection Limit, the result is estimated; &
ND and U = Not detected at MDL for sample.

Table 3C - Metals in Groundwater Samples
 Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
 58 Parker & 164 Garden Street, Poughkeepsie, NY
 NYSDEC BCP Site #C314131
 PVE File #560532

		Date Sampled		Property Location		12/28/2020		12/29/2020		12/29/2020		12/28/2020		12/28/2020		12/29/2020		12/23/2020		12/23/2020		12/23/2020		12/23/2020		12/28/2020								
		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		58 Parker Avenue		164 Garden Street		58 Parker Avenue		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		164 Garden Street		58 Parker Avenue								
		MW-2		MW-3		MW-3		MW-5		MW-6		MW-7		MW-8		MW-11		MW-11		MW-11		MW-12		MW-13										
		MW-2-20201228		MW-3-20201229		MW-3-20201229		MW-5-20201229		MW-6-20201228		MW-7-20201228		MW-8-20201229		MW-11-20201223		MW-11-20201223		MW-11-20201223		MW-12-20201223		MW-13-20201228										
		CLASS GA		Unit		Unit		Unit		Unit		Unit		Unit		Unit		Unit		Unit		Unit		Unit										
TOTAL																																		
CALC	Chromium III	16065-83-1	0.05	mg/l	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	0.0175	mg/l	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U							
SW6010	Aluminum	7429-90-5	NE	mg/l	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U						
SW6010	Barium	7440-39-3	1	mg/l	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	0.0722	mg/l	0.163	mg/l	U	0.0575	mg/l	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	0.114	mg/l	U	0.114	mg/l	U					
SW6010	Calcium	7440-70-2	NE	mg/l	119	mg/l	U	129	mg/l	U	111	mg/l	159	mg/l	U	143	mg/l	86.0	mg/l	U	ND< 0.050	mg/l	U	147	mg/l	152	mg/l	136	mg/l	147	mg/l			
SW6010	Chromium, Total	7440-47-3	0.05	mg/l	ND< 0.0050	mg/l	U	0.184	mg/l	U	0.0175	mg/l	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U				
SW6010	Cobalt	7440-48-4	NE	mg/l	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	0.00520	mg/l	U			
SW6010	Copper	7440-50-8	0.2	mg/l	ND< 0.020	mg/l	U	0.0756	mg/l	U	0.0783	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	0.0619	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U			
SW6010	Iron	7439-89-6	0.3	mg/l	ND< 0.25	mg/l	U	ND< 0.25	mg/l	U	0.358	mg/l	2.59	mg/l	U	4.80	mg/l	ND< 0.25	mg/l	U	ND< 0.25	mg/l	U	0.702	mg/l	0.701	mg/l	U	ND< 0.25	mg/l	5.11	mg/l	U	
SW6010	Lead	7429-92-1	0.025	mg/l	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U
SW6010	Magnesium	7439-95-4	35	mg/l	11.1	mg/l	U	11.3	mg/l	U	11.1	mg/l	14.5	mg/l	U	11.2	mg/l	6.52	mg/l	U	ND< 0.050	mg/l	U	13.9	mg/l	14.0	mg/l	U	11.4	mg/l	11.4	mg/l	U	
SW6010	Manganese	7439-96-5	0.3	mg/l	0.118	mg/l	U	0.00567	mg/l	U	0.0524	mg/l	3.71	mg/l	U	1.73	mg/l	0.00642	mg/l	U	ND< 0.050	mg/l	U	1.05	mg/l	1.05	mg/l	U	0.276	mg/l	4.11	mg/l	U	
SW6010	Nickel	7440-02-0	0.1	mg/l	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U
SW6010	Potassium	7440-09-7	NE	mg/l	0.969	mg/l	U	1.03	mg/l	U	0.837	mg/l	3.92	mg/l	U	3.81	mg/l	0.699	mg/l	U	ND< 0.050	mg/l	U	5.46	mg/l	5.54	mg/l	U	2.58	mg/l	3.03	mg/l	U	
SW6010	Silver	7440-22-4	0.05	mg/l	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U
SW6010	Sodium	7440-23-5	20	mg/l	101	mg/l	U	91.9	mg/l	U	90.5	mg/l	104	mg/l	U	36.8	mg/l	83.8	mg/l	U	ND< 0.50	mg/l	U	151	mg/l	157	mg/l	U	86.3	mg/l	46.3	mg/l	U	
SW6010	Vanadium	7440-62-2	NE	mg/l	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U
SW6010	Zinc	7440-66-6	2	mg/l	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U
SW6020	Antimony	7440-36-0	0.003	mg/l	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U
SW6020	Arsenic	7440-38-2	0.025	mg/l	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	0.00133	mg/l	0.00400	mg/l	U	0.00394	mg/l	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	0.00313	mg/l	0.00315	mg/l	U	ND< 0.0010	mg/l	0.00607	mg/l	U	
SW6020	Beryllium	7440-41-7	0.003	mg/l	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U	ND< 0.00030	mg/l	U
SW6020	Cadmium	7440-43-9	0.005	mg/l	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U	ND< 0.00050	mg/l	U
SW6020	Selenium	7782-49-2	0.01	mg/l	ND< 0.00232	mg/l	U	0.00128	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	0.00113	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	0.00203	mg/l	U
SW6020	Thallium	7440-28-0	0.0005	mg/l	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U	ND< 0.0010	mg/l	U
SW7196	Chromium, Hexavalent	18540-29-9	0.05	mg/l	ND< 0.010	mg/l	U	0.265	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U
SW7473	Mercury	7439-97-6	0.0007	mg/l	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	0.00060	mg/l	U	0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	ND< 0.00020	mg/l	U	0.00020	mg/l	U
SW9014	Cyanide	57-12-5	0.02	mg/l	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U	ND< 0.010	mg/l	U
DISSEMINATED (FIELD FILTERED)																																		
SW6010	Aluminum	7429-90-5	NE	mg/l	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U	ND< 0.050	mg/l	U
SW6010	Barium	7440-39-3	1	mg/l	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	0.0748	mg/l	0.163	mg/l	U	0.0570	mg/l	ND< 0.025	mg/l	U	ND< 0.025	mg/l	U	0.115	mg/l	U	0.118	mg/l	U	0.0372	mg/l	0.0854	mg/l	U
SW6010	Calcium	7440-70-2	NE	mg/l	122	mg/l	U	133	mg/l	U	114	mg/l	158	mg/l	U	145	mg/l	87.6	mg/l	U	0.0554	mg/l	U	154	mg/l	157	mg/l	U	136	mg/l	149	mg/l	U	
SW6010	Chromium, Total	7440-47-3	0.05	mg/l	ND< 0.0050	mg/l	U	0.185	mg/l	U	0.0189	mg/l	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	
SW6010	Cobalt	7440-48-4	NE	mg/l	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U	ND< 0.0040	mg/l	U
SW6010	Copper	7440-50-8	0.2	mg/l	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U	ND< 0.020	mg/l	U
SW6010	Iron	7439-89-6	0.3	mg/l	ND< 0.25	mg/l	U	0.389	mg/l	U	0.25	mg/l	2.60	mg/l	U	4.94	mg/l	ND< 0.25	mg/l	U	ND< 0.25	mg/l	U	0.760	mg/l	0.759	mg/l	U	ND< 0.25	mg/l	5.18	mg/l	U	
SW6010	Lead	7429-92-1	0.025	mg/l	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U	ND< 0.0050	mg/l	U
SW6010	Magnesium	7439-95-4	35	mg/l	11.9	mg/l	U	11.7	mg/l	U	11.6	mg/l	14.8	mg/l	U	11.7	mg/l	6.62	mg/l	U	ND< 0.050	mg/l	U	14.3	mg/l	14.5	mg/l	U	11.5	mg/l	11.6	mg/l	U	
SW6010	Manganese	7439-96-5	0.3	mg/l	0.120	mg/l	U	ND< 0.00																										

Table 3D - Pesticides, Herbicides & PCBs in Groundwater Samples
Compared to Class GA Groundwater Quality Standards per 6NYCRR Part 700-705
58 Parker & 164 Garden Street, Poughkeepsie, NY
NYSDEC BCP Site #C314131
PVE File #560532

		Date Sampled		12/28/2020		12/29/2020		12/29/2020		12/28/2020		12/28/2020		12/29/2020		12/23/2020		12/23/2020		12/23/2020		12/28/2020							
		Property Location		58 Parker Avenue MW-2		58 Parker Avenue MW-3		59 Parker Avenue MW-5		58 Parker Avenue MW-6		164 Garden Street MW-7		58 Parker Avenue MW-8		164 Garden Street MW-11		164 Garden Street MW-11		164 Garden Street MW-12		58 Parker Avenue MW-13							
		Sample ID		MW-2 20201228		MW-3 20201229		MW-5 20201229		MW-6 20201228		MW-7 20201228		MW-8 20201229		MW-11 FB 20201223		MW-11 20201223		MW-11 20201223		MW-13 20201228							
Method	Analyte	CAS RN	CLASS	GA	Unit	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q						
Pesticides																													
SW8081	Aldrin	309-00-2	0	01	ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0	01	ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Alpha Endosulfan	959-84-8	NE		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.04		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Beta Endosulfan	33213-65-9	NE		NS				NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Chlordane	57-74-9	0.05		ug/l	NS			NS			NS			NS			ND< 0.0111	ug/l	U	ND< 0.010	ug/l	U	ND< 0.0109	ug/l	U			
SW8081	cis-Chlordane	5103-71-9	NE		NS				NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Dieldrin	60-57-1	0.004		ug/l	NS			NS			NS			NS			ND< 0.0022	ug/l	U	ND< 0.0020	ug/l	U	ND< 0.00219	ug/l	U			
SW8081	Endosulfan Sulfate	1031-07-8	NE		NS				NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Endrin	72-20-8	0		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Endrin Aldehyde	7421-93-4	5		ug/l	NS			NS			NS			NS			ND< 0.0111	ug/l	U	ND< 0.010	ug/l	U	ND< 0.0109	ug/l	U			
SW8081	Endrin Ketone	53494-70-5	5		ug/l	NS			NS			NS			NS			ND< 0.0111	ug/l	U	ND< 0.010	ug/l	U	ND< 0.0109	ug/l	U			
SW8081	Gamma BHC (Lindane)	58-89-9	0.05		NS				NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	gamma-Chlordane	5566-34-7	NE		NS				NS			NS			NS			ND< 0.0111	ug/l	U	ND< 0.010	ug/l	U	ND< 0.0109	ug/l	U			
SW8081	Heptachlor	76-44-8	0.04		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Heptachlor Epoxide	1024-57-3	0.3		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Methoxychlor	72-43-5	NS		NS				NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	P,P'-DDD	72-54-8	0.3		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	P,P'-DDE	72-55-9	0.2		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	P,P'-DDT	50-29-3	0.2		ug/l	NS			NS			NS			NS			ND< 0.0044	ug/l	U	ND< 0.0040	ug/l	U	ND< 0.00437	ug/l	U			
SW8081	Toxaphene	8001-35-2	0.6		ug/l	NS			NS			NS			NS			ND< 0.111	ug/l	U	ND< 0.10	ug/l	U	ND< 0.109	ug/l	U			
Herbicides																													
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50		ug/l	NS			NS			NS			NS			ND< 5.0	ug/l	U	ND< 5.0	ug/l	U	ND< 5.0	ug/l	U			
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	35		ug/l	NS			NS			NS			NS			ND< 5.0	ug/l	U	ND< 5.0	ug/l	U	ND< 5.0	ug/l	U			
SW8151	Silvex (2,4,5-TP)	93-72-1	26		ug/l	NS			NS			NS			NS			ND< 5.0	ug/l	U	ND< 5.0	ug/l	U	ND< 5.0	ug/l	U			
PCBs																													
SW8082	PCB-1016 (Aroclor 1016)	126874-11-2	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	NE		NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U	
SW8082	Polychlorinated Biphenyl (PCBs)	1336-36-3	0.09		ug/l	NS	ND< 0.0541	ug/l	U	NS	ND< 0.0513	ug/l	U	NS	ND< 0.050	ug/l	U	NS	ND< 0.0556	ug/l	U	NS	ND< 0.0526	ug/l	U	NS	ND< 0.0541	ug/l	U

Notes:
Standards are for Class GA groundwater according 6NYCRR Part 700-705;
Yellow Shading designates those compounds detected at concentrations exceeding Class GA;
NE = No standard established;
NS = Not sampled for this analyte per NYSDEC approved RIWP;
FB = Field Blank;
FD = Field Duplicate;
J = Detected below the Reporting Limit but greater than or equal to the Method
Detection Limit, the result is estimated; &
ND and U = Not detected at MDL for sample.

Table 3E - Emerging Contaminants in Groundwater Samples
 Compared to GNYCRR Part 375 Screening Values
 58 Parker & 164 Garden Street, Poughkeepsie, NY
 NYSEDEC BCP Site #C314131
 PVE File #560532

		Date Sampled	Property Location	12/28/2020 58 Parker Avenue MW-2	12/29/2020 58 Parker Avenue MW-3	12/29/2020 59 Parker Avenue MW-5	12/28/2020 58 Parker Avenue MW-6	12/28/2020 164 Garden Street MW-7	12/28/2020 58 Parker Avenue FB 20201228	12/29/2020 58 Parker Avenue MW-8	12/29/2020 58 Parker Avenue MW-8	12/29/2020 58 Parker Avenue FB 20201229	12/23/2020 164 Garden Street MW-11	12/23/2020 164 Garden Street MW-11	12/23/2020 164 Garden Street MW-11	12/23/2020 164 Garden Street MW-11	12/23/2020 164 Garden Street MW-11	12/28/2020 58 Parker Avenue MW-13
		Sample ID		MW-2 20201228	MW-3 20201229	MW-5 20201229	MW-6 20201228	MW-7 20201228	FB 20201228	MW-8 20201229	MW-8 20201229	FB 20201229	MW-11 20201223	MW-11 20201223	MW-11 20201223	MW-11 20201223	MW-11 20201223	MW-13 20201228
Method	Analyte	CAS RN	Part 375 Screening Levels	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit	Result	Unit
SW8270DSIM	1,4-Dioxane (P-Dioxane)	123-91-1	NE	ND< 0.30	ug/l	ND< 0.30	ug/l	0.496	ug/l	0.576	ug/l	ND< 0.30	ug/l	ND< 0.30	ug/l	ND< 0.30	ug/l	ND< 0.30
E537	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	N-Ethyl-N-(heptadecafluorooctyl)sulphonyl glycine	2991-50-6	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	100	ng/l	2.93	ng/l	3.85	ng/l	2.90	ng/l	4.92	ng/l	84.8	ng/l	15.68	ng/l	ND< 2.0	ng/l
E537	Perfluorobutanoic Acid	375-22-4	100	ng/l	4.40	ng/l	5.25	ng/l	4.81	ng/l	5.42	ng/l	11.30	ng/l	ND< 2.0	ng/l	7.55	ng/l
E537	Perfluorodecane Sulfonic Acid	335-77-3	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorodecanoic acid (PFDA)	335-76-2	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorooheptane Sulfonate (PFHpS)	375-92-8	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorooheptanoic acid (PFHpA)	375-85-9	100	ng/l	3.99	ng/l	ND< 2.0	ng/l	3.46	ng/l	2.28	ng/l	ND< 2.0	ng/l	7.47	ng/l	ND< 2.0	ng/l
E537	Perfluorooctanesulfonic acid (PFHxS)	355-46-4	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	2.11	ng/l	ND< 2.0	ng/l	2.44	ng/l
E537	Perfluorooctanoic acid (PFHxA)	307-24-4	100	ng/l	5.72	ng/l	2.10	ng/l	5.64	ng/l	2.18	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	10.9	ng/l
E537	Perfluorononanoic acid (PFNA)	375-95-1	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	10	ng/l	6.16	ng/l	6.78	ng/l	13.1	ng/l	8.94	ng/l	3.82	ng/l	ND< 2.0	ng/l	5.69	ng/l
E537	Perfluorooctanoic acid (PFOA)	335-67-1	10	ng/l	9.01	ng/l	3.19	ng/l	7.19	ng/l	4.44	ng/l	7.05	ng/l	ND< 2.0	ng/l	17.7	ng/l
E537	Perfluorooctanoic acid (PFPeA)	2706-90-3	100	ng/l	5.77	ng/l	2.31	ng/l	8.74	ng/l	10.7	ng/l	3.24	ng/l	ND< 2.0	ng/l	14.5	ng/l
E537	Perfluorotetradecanoic acid (PFTA)	375-06-7	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluorotridecanoic Acid (PFTriA)	726-29-94-8	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Perfluoroundecanoic acid (PFUnA)	2058-94-8	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	39108-34-4	100	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l	ND< 2.0	ng/l
E537	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	17619-97-3	100	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l	ND< 5.0	ng/l
TOTAL PFAS COMPOUNDS		500		ng/l	37.98	ng/l	19.17	ng/l	45.84	ng/l	38.3607	ng/l	114.02	ng/l	0	ng/l	83.34	ng/l

Notes:
 Screening Levels per GNYCRR Part 375 PFAS Guidance Document;
 Yellow Shading designates those compounds detected at concentrations exceeding Screening Levels;
 NE = No standard established;
 UJ = The analyte was not detected above the reported sample quantitation limit;
 FB = Field Blank;
 FD = Field Duplicate;
 Detection Limit, the result is estimated;
 ND and U = Not detected at MDL for sample; &
 NS = Not sampled for this analyte per NYSEDEC approved RIWP.

Table 4 - VOCs in Soil Vapor Samples
Compared to NYSDOH Decision Matrices
58 Parker Avenue & 164 Garden Street, Poughkeepsie, NY
NYSDEC Site #C314131
PVE #560532

Analyte	CAS RN	POTENTIALLY MONITOR OR MITIGATE*	MITIGATE*	Unit	Date Sampled		12/23/2020		12/23/2020		12/23/2020		12/23/2020		12/23/2020		12/23/2020		12/23/2020		12/23/2020	
					Property Location Sample ID	58 Parker Avenue SV-1 SV-1 20201223	58 Parker Avenue SV-2 SV-2 20201223	58 Parker Avenue SV-3 SV-3 20201223	58 Parker Avenue SV-4 SV-4 20201223	58 Parker Avenue SV-5 SV-5 20201223	58 Parker Avenue SV-6 SV-6 20201223	58 Parker Avenue SV-7 SV-7 20201223	58 Parker Avenue SV-7 DUP SV-7 DUP 20201223									
1,1,1,2-Tetrachloroethane	630-20-6	100 - 1,000	NE		Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit	Q Result	Unit
1,1,1-Trichloroethane (TCA)	71-55-6		NE	ug/m3	ND< 0.91	ug/m3	ND< 0.9	ug/m3	ND< 0.92	ug/m3	ND< 3.5	ug/m3	ND< 0.9	ug/m3	ND< 0.96	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3
1,1,2-Trichloroethane	72-43-5		NE	ug/m3	ND< 0.72	ug/m3	ND< 0.9	ug/m3	ND< 0.73	ug/m3	ND< 2.8	ug/m3	ND< 0.86	ug/m3	ND< 0.76	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3
1,1,2-Trichloro-1,2,2-Trifluoroethane	79-34-5		NE	ug/m3	ND< 1	ug/m3	ND< 1	ug/m3	ND< 1	ug/m3	ND< 3.9	ug/m3	ND< 1.9	ug/m3	ND< 1.1	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3	ND< 12	ug/m3
1,1,2-Trichloroethane	76-13-1		NE	ug/m3	ND< 0.72	ug/m3	ND< 0.71	ug/m3	ND< 0.73	ug/m3	ND< 2.8	ug/m3	1.6	ug/m3	ND< 0.76	ug/m3	ND< 8.1	ug/m3	ND< 8.1	ug/m3	ND< 8.2	ug/m3
1,1-Dichloroethane	79-00-5		NE	ug/m3	ND< 0.53	ug/m3	ND< 0.53	ug/m3	ND< 0.54	ug/m3	ND< 2	ug/m3	ND< 0.53	ug/m3	ND< 0.56	ug/m3	ND< 6	ug/m3	ND< 6	ug/m3	ND< 6.1	ug/m3
1,1-Dichloroethene	75-34-3	6 - 60	>60	ug/m3	ND< 0.13	ug/m3	ND< 0.13	ug/m3	ND< 0.13	ug/m3	ND< 0.5	ug/m3	ND< 0.13	ug/m3	ND< 0.14	ug/m3	ND< 1.5	ug/m3	ND< 1.5	ug/m3	ND< 1.5	ug/m3
1,2,4-Trichlorobenzene	120-82-1		NE	ug/m3	ND< 0.98	ug/m3	ND< 0.97	ug/m3	ND< 0.99	ug/m3	ND< 3.8	ug/m3	ND< 0.97	ug/m3	ND< 1	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3
1,2,4-Trichlorobenzene	95-63-6		NE	ug/m3	ND< 14	ug/m3	11	ug/m3	8.5	ug/m3	17	ug/m3	26	ug/m3	4.9	ug/m3	11	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3
1,2-Dibromomethane (Ethylene Dibromide)	106-93-4		NE	ug/m3	ND< 1	ug/m3	ND< 1	ug/m3	ND< 1	ug/m3	ND< 3.9	ug/m3	ND< 1	ug/m3	ND< 1.1	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3	ND< 12	ug/m3
1,2-Dichlorobenzene	95-50-1		NE	ug/m3	ND< 0.79	ug/m3	ND< 0.78	ug/m3	ND< 0.8	ug/m3	ND< 3	ug/m3	ND< 0.79	ug/m3	ND< 0.84	ug/m3	ND< 9	ug/m3	ND< 9	ug/m3	ND< 9.1	ug/m3
1,2-Dichloromethane	107-06-2		NE	ug/m3	ND< 0.53	ug/m3	ND< 0.53	ug/m3	ND< 0.54	ug/m3	ND< 2	ug/m3	ND< 0.53	ug/m3	ND< 0.56	ug/m3	ND< 6	ug/m3	ND< 6	ug/m3	ND< 6.1	ug/m3
1,2-Dichloropropane	78-87-5		NE	ug/m3	ND< 0.61	ug/m3	ND< 0.6	ug/m3	ND< 0.62	ug/m3	ND< 2.3	ug/m3	ND< 0.6	ug/m3	ND< 0.64	ug/m3	ND< 6.9	ug/m3	ND< 6.9	ug/m3	ND< 7	ug/m3
1,2-Dichlorotetrafluoroethane	76-14-2		NE	ug/m3	ND< 0.92	ug/m3	ND< 0.91	ug/m3	ND< 0.93	ug/m3	ND< 3.5	ug/m3	7.5	ug/m3	ND< 0.97	ug/m3	ND< 10	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8		NE	ug/m3	3.4	ug/m3	2.8	ug/m3	2.4	ug/m3	5.2	ug/m3	3.7	ug/m3	1.4	ug/m3	ND< 7.3	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3
1,3-Butadiene	106-99-0		NE	ug/m3	ND< 0.88	ug/m3	ND< 0.87	ug/m3	ND< 0.89	ug/m3	ND< 3.4	ug/m3	ND< 0.87	ug/m3	ND< 0.92	ug/m3	ND< 9.9	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3
1,3-Dichlorobenzene	541-73-1		NE	ug/m3	ND< 0.79	ug/m3	ND< 0.78	ug/m3	ND< 0.8	ug/m3	ND< 3	ug/m3	ND< 0.79	ug/m3	ND< 0.84	ug/m3	ND< 9	ug/m3	ND< 9	ug/m3	ND< 9.1	ug/m3
1,3-Dichloropropane	142-28-9		NE	ug/m3	ND< 0.61	ug/m3	ND< 0.6	ug/m3	ND< 0.62	ug/m3	ND< 2.3	ug/m3	ND< 0.6	ug/m3	ND< 0.64	ug/m3	ND< 6.9	ug/m3	ND< 6.9	ug/m3	ND< 7	ug/m3
1,4-Dichlorobenzene	106-46-7		NE	ug/m3	ND< 0.79	ug/m3	ND< 0.78	ug/m3	ND< 0.8	ug/m3	ND< 3	ug/m3	ND< 0.79	ug/m3	ND< 0.84	ug/m3	ND< 9	ug/m3	ND< 9	ug/m3	ND< 9.1	ug/m3
1,4-Dioxane (P-Dioxane)	123-91-1		NE	ug/m3	ND< 0.95	ug/m3	ND< 0.94	ug/m3	ND< 0.96	ug/m3	ND< 3.6	ug/m3	ND< 0.94	ug/m3	ND< 1	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3	ND< 11	ug/m3
2-Hexanone	591-78-6		NE	ug/m3	ND< 1.1	ug/m3	ND< 1.1	ug/m3	ND< 1.1	ug/m3	ND< 4	ug/m3	1.2	ug/m3	ND< 1.1	ug/m3	ND< 12	ug/m3	ND< 12	ug/m3	ND< 12	ug/m3
2-Ethyltoluene	622-96-8		NE	ug/m3	10	ug/m3	9.0	ug/m3	7.7	ug/m3	12	ug/m3	4.9	ug/m3	8.1	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3
Acetone	67-64-1		NE	ug/m3	120	ug/m3	130	ug/m3	54	ug/m3	320	ug/m3	130	ug/m3	66	ug/m3	190	ug/m3	82	ug/m3	73	ug/m3
Acrylonitrile	107-13-1		NE	ug/m3	ND< 0.29	ug/m3	0.28	ug/m3	0.52	ug/m3	ND< 1.1	ug/m3	ND< 0.28	ug/m3	ND< 0.3	ug/m3	ND< 3.2	ug/m3	ND< 3.2	ug/m3	ND< 3.3	ug/m3
Allyl Chloride (3-Chloropropene)	107-05-1		NE	ug/m3	ND< 2.1	ug/m3	ND< 2	ug/m3	ND< 2.1	ug/m3	ND< 7.9	ug/m3	ND< 2	ug/m3	ND< 2.2	ug/m3	ND< 23	ug/m3	ND< 24	ug/m3	ND< 24	ug/m3
Benzene	71-43-2		NE	ug/m3	ND< 0.42	ug/m3	ND< 0.42	ug/m3	ND< 0.43	ug/m3	ND< 1.6	ug/m3	1.4	ug/m3	1.0	ug/m3	ND< 4.8	ug/m3	ND< 4.8	ug/m3	ND< 4.8	ug/m3
Benzyl Chloride	100-44-7		NE	ug/m3	ND< 0.68	ug/m3	ND< 0.68	ug/m3	ND< 0.69	ug/m3	ND< 2.6	ug/m3	1.1	ug/m3	ND< 0.72	ug/m3	ND< 7.7	ug/m3	ND< 7.8	ug/m3	ND< 7.8	ug/m3
Bromodichloromethane	75-27-4		NE	ug/m3	ND< 0.88	ug/m3	ND< 0.87	ug/m3	ND< 0.9	ug/m3	ND< 3.4	ug/m3	4.0	ug/m3	ND< 0.93	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3
Bromoform	75-25-2		NE	ug/m3	ND< 1.4	ug/m3	ND< 1.3	ug/m3	ND< 1.4	ug/m3	ND< 5.2	ug/m3	ND< 1.4	ug/m3	ND< 1.4	ug/m3	ND< 15	ug/m3	ND< 16	ug/m3	ND< 16	ug/m3
Bromomethane	74-83-9		NE	ug/m3	ND< 0.51	ug/m3	ND< 0.51	ug/m3	ND< 0.52	ug/m3	ND< 2	ug/m3	ND< 0.51	ug/m3	ND< 0.54	ug/m3	ND< 5.8	ug/m3	ND< 5.8	ug/m3	ND< 5.9	ug/m3
Carbon Disulfide	75-15-0		NE	ug/m3	0.41	ug/m3	5.2	ug/m3	5.3	ug/m3	ND< 1.6	ug/m3	5.8	ug/m3	0.91	ug/m3	ND< 4.6	ug/m3	ND< 4.7	ug/m3	ND< 4.7	ug/m3
Carbon Tetrachloride	56-23-5	6 - 60	>60	ug/m3	ND< 0.21	ug/m3	ND< 0.21	ug/m3	0.2	ug/m3	ND< 0.8	ug/m3	ND< 0.21	ug/m3	ND< 0.2	ug/m3	ND< 2	ug/m3	ND< 2	ug/m3	ND< 2.3	ug/m3
Chlorobenzene	108-90-7		NE	ug/m3	ND< 0.61	ug/m3	ND< 0.6	ug/m3	ND< 0.62	ug/m3	ND< 2.3	ug/m3	ND< 0.6	ug/m3	ND< 0.64	ug/m3	ND< 6.9	ug/m3	ND< 6.9	ug/m3	ND< 6.9	ug/m3
Chloroethane	75-00-3		NE	ug/m3	ND< 0.35	ug/m3	ND< 0.34	ug/m3	ND< 0.35	ug/m3	ND< 1.3	ug/m3	ND< 0.35	ug/m3	ND< 0.37	ug/m3	ND< 3.9	ug/m3	ND< 4	ug/m3	ND< 4	ug/m3
Chloroform	67-66-3		NE	ug/m3	ND< 0.64	ug/m3	ND< 0.64	ug/m3	ND< 0.65	ug/m3	ND< 2.5	ug/m3	0.64	ug/m3	ND< 0.68	ug/m3	7.3	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3
Chloromethane	74-87-3		NE	ug/m3	ND< 0.27	ug/m3	ND< 0.27	ug/m3	ND< 0.28	ug/m3	ND< 1	ug/m3	1.3	ug/m3	0.83	ug/m3	ND< 3.1	ug/m3	ND< 3.1	ug/m3	ND< 3.1	ug/m3
Cis-1,2-Dichloroethylene	156-59-2	6 - 60	>60	ug/m3	ND< 0.13	ug/m3	ND< 0.13	ug/m3	ND< 0.13	ug/m3	ND< 0.5	ug/m3	ND< 0.13	ug/m3	ND< 0.14	ug/m3	1.8	ug/m3	ND< 1.5	ug/m3	ND< 1.5	ug/m3
Cis-1,3-Dichloropropene	10061-01-5		NE	ug/m3	ND< 0.6	ug/m3	ND< 0.59	ug/m3	ND< 0.61	ug/m3	ND< 2.3	ug/m3	ND< 0.59	ug/m3	ND< 0.63	ug/m3	ND< 6.8	ug/m3	ND< 6.8	ug/m3	ND< 6.8	ug/m3
Cyclohexane	110-82-7		NE	ug/m3	0.55	ug/m3	0.45	ug/m3	ND< 0.46	ug/m3	ND< 1.7	ug/m3	1.1	ug/m3	ND< 0.48	ug/m3	ND< 5.1	ug/m3	ND< 5.1	ug/m3	ND< 5.2	ug/m3
Dibromochloromethane	124-48-1		NE	ug/m3	ND< 1.1	ug/m3	ND< 1.1	ug/m3	ND< 1.1	ug/m3	ND< 4.3	ug/m3	ND< 1.1	ug/m3	ND< 1.2	ug/m3	ND< 13	ug/m3	ND< 13	ug/m3	ND< 13	ug/m3
Dichlorodifluoromethane	75-71-8		NE	ug/m3	2.2	ug/m3	2.2	ug/m3	2.0	ug/m3	ND< 2.5	ug/m3	2.8	ug/m3	3.2	ug/m3	ND< 7.4	ug/m3	ND< 7.5	ug/m3	ND< 7.5	ug/m3
Ethyl Acetate	141-78-6		NE	ug/m3	ND< 0.95	ug/m3	ND< 0.94	ug/m3	ND< 0.96	ug/m3	ND< 3.6	ug/m3	ND< 0.94	ug/m3	0.53	ug/m3	ND< 2.4	ug/m3	ND< 2.4	ug/m3	ND< 2.4	ug/m3
Ethylbenzene	100-41-4		NE	ug/m3	2.2	ug/m3	4.5	ug/m3	2.1	ug/m3	4.8	ug/m3	8.0	ug/m3	2.5	ug/m3	ND< 6.5	ug/m3	ND< 6.5	ug/m3	ND< 6.5	ug/m3
Hexachlorobutadiene	87-68-3		NE	ug/m3	ND< 1.4	ug/m3	ND< 1.4	ug/m3	ND< 1.4	ug/m3	ND< 5.4	ug/m3	ND< 1.4	ug/m3	ND< 1.5	ug/m3	ND< 16	ug/m3	ND< 16	ug/m3	ND< 16	ug/m3
Isopropanol	67-63-0		NE	ug/m3	4.9	ug/m3	3.5	ug/m3	2.0	ug/m3	6.8	ug/m3	2.3	ug/m3	11.0	ug/m3	ND< 7.3	ug/m3	ND< 7.4	ug/m3	ND< 7.4	ug/m3
Methyl Ethyl Ketone (2-Butanone)	78-93-3		NE	ug/m3	3.4	ug/m3	2.9	ug/m3	1.7	ug/m3	13	ug/m3	15	ug/m3	2.8	ug/m3	5.3	ug/m3	ND< 4.4	ug/m3	ND< 4.4	ug/m3
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1		NE	ug/m3	ND< 0.54	ug/m3	ND< 0.53	ug/m3	0.55	ug/m3	ND< 2.1	ug/m3	1.4	ug/m3	ND< 0.57	ug/m3	ND< 6.1	ug/m3	ND< 6.2	ug/m3	ND< 6.2	ug/m3
Methyl Methacrylate	80-62-6		NE	ug/m3	1.2	ug/m3	5.1	ug/m3	2.1	ug/m3	3.1	ug/m3	2.7	ug/m3	ND< 0.57	ug/m3	ND< 6.1	ug/m3	ND< 6.2	ug/m3	ND< 6.2	ug/m3
Methylene Chloride	75-09-2	100 - 1,000	>1,000	ug/m3	4.3	ug/m3	62	ug/m3	5.5	ug/m3	30	ug/m3	4.1	ug/m3	1.5	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3	ND< 10	ug/m3
M-P-Xylene	136777-61-2		NE	ug/m3	13	ug/m3	18	ug/m3	9.8	ug/m3	21	ug/m3	31	ug/m3	10	ug/m3	22	ug/m3	ND< 13	ug/m3	ND< 13	ug/m3
N-Hexane	142-82-5		NE	ug/m3	1.3	ug/m3	0.53	ug/m3	ND< 0.55	ug/m3	2.3	ug/m3	1.2	ug/m3	1.1	ug/m3	ND< 6.1	ug/m3	ND< 6.2	ug/m3	ND< 6.2	ug/m3
N-Heptane	110-54-3		NE	ug/m3	ND< 0.4	ug/m3	ND< 0.46	ug/m3	ND< 0.47	ug/m3	ND< 1.8	ug/m3	0.83	ug/m3	0.5	ug/m3	ND< 5.3	ug/m3	ND< 5.3	ug/m3	ND< 5.3	ug/m3
O-Xylene (1,2-Dimethylbenzene)	95-47-6		NE	ug/m3	5.0	ug/m3	7.5	ug/m3	3.9	ug/m3	9.2	ug/m3	13	ug/m3	3.8	ug/m3	7.8	ug/m3	ND< 6.5	ug/m3	ND< 6.5	ug/m3
Propylene	115-07-1		NE	ug/m3	0.80	ug/m3	3.7	ug/m3	0.71	ug/m3	0.96	ug/m3	1.8	ug/m3	ND< 0.24	ug/m3	ND< 2.6	ug/m3	ND< 2.6	ug/m3	ND< 2.6	ug/m3
Styrene	100-42-5		NE	ug/m3	ND< 0.56	ug/m3	ND< 0.56	ug/m3	0.63	ug/m3	ND< 2.2											

Notes:
Standards are for respective NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York - 2017 Revised Decision Matrices A, B & C;
Respective shading indicated above displays values exceeding respective actions;
*Indoor Ambient Air (IAs) samples required to confirm NYSDOH action;
NE = No standard established; &
DUP = Field Duplicate;
ND and U = Not detected at MDL for sample.

Table 5 - Monitoring Well Depth to Water
 58 Parker & 164 Garden Street, Poughkeepsie, NY
 NYSDEC BCP Site #C314131
 PVE File #560532

Location	Ground Elevation (AMSL)	Top of PVC Elevation (AMSL)	Depth to Water (bgs)	Depth to Water (AMSL)
MW-1	167.11	166.73	11.3	155.81
MW-2	163.48	162.99	7.23	156.25
MW-3	157.90	157.53	7.15	150.75
MW-4	159.18	158.82	8.00	151.18
MW-5	157.64	157.45	7.56	150.08
MW-6	154.12	154.07	8.61	145.51
MW-7	159.06	158.9	8.1	150.96
MW-8	152.8	152.65	4.86	147.94
MW-9	152.7	152.37	10	142.70
MW-10	151.6	151.06	12.85	138.75
MW-11	158.84	158.3	7.2	151.64
MW-12	163.1	162.78	12.4	150.7
MW-13	161	160.48	9.92	151.08

Notes:
 All measurements in feet;
 AMSL = Above mean sea level;
 bgs = below ground surface; &
 Locations surveyed by NYS Licensed Surveyor to nearest 0.01-foot on