SITE CHARACTERIZATION REPORT
[redacted] Woodview Avenue

SITE NUMBER 851065

Prepared For:

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August 2023

Certification

"I, Thomas Drachenberg, certify that I am currently a New York state registered professional engineer as defined in 6 NYCRR Part 375 and that this Site Characterization 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 DER-approved modifications."

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8/25/23
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LIST OF ACRONYMS

Acronym	Definition	Acronym	Definition
bgs	below ground surface	PFOA	perfluorooctanoic acid
CAMP	Community Air Monitoring Plan	PFOS	perfluorooctane sulfonic acid
DER	Division of Environmental Remediation	PID	photoionization detector
DOT	U.S. Department of Transportation	PSHEP	Project Safety, Health, and Environmental Plan
ELAP	Environmental Laboratory Accreditation Program	PVC	polyvinyl chloride
FAP	Field Activities Plan	QAPP	Quality Assurance Project Plan
IDW	Investigation-derived waste	QA/QC	Quality Assurance/Quality Control
MCL	Maximum Contaminant Limit	RCRA	Resource Conservation and Recovery Act
NAD	North American Datum	SCOs	soil cleanup objectives
NAVD	North American Vertical Datum	SVOCs	semivolatile organic compounds
NYCRR	New York Code of Rules and Regulations	TCLP	Toxicity Characteristic Leaching Procedure
NYSDEC	New York State Department of Environmental Conservation	TOGS	Technical and Operational Guidance Series
NYSDOH	New York State Department of Health	TPH	total petroleum hydrocarbons
PCBs	polychlorinated biphenyls	USCS	Unified Soil Classification System
PFAS	per- and polyfluoroalkyl substances	USEPA	U.S. Environmental Protection Agency
		VOCs	volatile organic compounds

SECTION 1 INTRODUCTION

This Site Characterization Report presents the results of site characterization efforts conducted at [redacted] Woodview Avenue (Site Number 851065) in Corning, New York.

Site characterization efforts were completed to investigate potential impacts to the site as a result of the presence of historically imported target fill material consisting of ash, brick, and glass, which was suspected to be present at the property.

SECTION 2 PROJECT BACKGROUND AND OBJECTIVES

The [redacted] Woodview Avenue site (Site Number 851065) is an approximately 0.24-acre parcel located in the City of Corning. It is bounded by Woodview Avenue to the south, a residential property to the west, Roundhouse Lane to the north, and Conhocton Street to the east. The site location shown on **Figure 1**. The site is a residential property that includes a two-story single-family home and a detached garage.

The [redacted] Woodview Avenue site is located approximately one block east of the Tioga Avenue Site (Site #C851031 and the World Kitchen Resource Conservation and Recovery Act (RCRA) Site (Site #851039). Target fill materials consisting of ash, brick, and or/glass were previously observed at the [redacted] Woodview Avenue property, including fragments of glass, metal, and slag encountered 8 inches below ground surface (bgs) in the garden, and 12 inches bgs near the northeastern corner of the garage. Additionally, historical analytical results collected from these locations – the garden and garage, respectively – indicated exceedances of residential Soil Cleanup Objectives (SCOs) for arsenic, barium, cadmium, lead, and mercury.

The purpose of this site characterization was to evaluate:

- The extent of the suspected target fill material consisting of ash, brick, and/or glass at the property
- Presence of contamination in surface and subsurface soils
- Potential impacts to groundwater quality

SECTION 3 SITE CHARACTERIZATION SCOPE AND RESULTS

The scope of work for the 2022 site characterization consisted of the following activities:

1. Geophysical investigation to locate subsurface utilities.
2. Surface and subsurface soil investigation
3. Groundwater investigation
4. Topographic survey of sample locations and new monitoring wells

Field activities were conducted in accordance with the Site Characterization Work Plan (Parsons 2022). In addition, field activities were completed in accordance with the following documents, prepared and approved for Parsons' contract with NYSDEC:

- Generic Field Activities Plan (FAP; Parsons 2020a)
- Generic Project Safety, Health, and Environmental Plan (PSHEP; Parsons 2022b)
- Generic Quality Assurance Project Plan (QAPP; Parsons 2020c)
- Division of Environmental Remediation (DER)-10 Technical Guidance Document (DER-10 2010)

Site-specific elements and specific job safety analyses for soil sampling and monitoring well installation were added to the Health and Safety Plan.

As-built sample locations – including surface soil samples, soil borings, and monitoring wells – are shown on **Figure 2**.

3.1 Analytical Services

Analytical services were directly contracted by NYSDEC for soil, groundwater, and waste samples. Analytical services were provided by Pace laboratory. Pace is accredited under the National Environmental Laboratory Approval Program and Department of Defense Environmental Laboratory Accreditation Program (ELAP) and is a New York State Department of Health ELAP-certified laboratory. Samples were analyzed in accordance with the workplan for the compounds listed in **Tables 1A** and **1B** for the following activities:

- Soil Investigation
- Groundwater Investigation
- Investigation-Derived Waste

3.2 Geophysical Survey

A geophysical survey was performed at the site on April 28, 2022, by Ravi Engineering and Land Surveying to locate and mark out subsurface utilities prior to intrusive activities. Ravi used a combination of ground-penetrating radar, electromagnetic and radio frequency detectors to locate

utilities and clear the area around each soil boring. Utilities were marked on the ground, and the few anomalies that were observed were sufficiently far from the boring locations.

3.3 Soil Investigation

The purpose of the soil investigation element of this site characterization was to determine:

- The physical extent of the target fill material previously encountered at the property, as discussed in Section 2.0
- Whether contamination is present in surface and subsurface soils

More specifically, this soil investigation consisted of:

- Surface sampling
- Subsurface soil boring and sampling

Field observations from surface soil and soil boring sampling efforts are summarized in Table 1A and are further described in the surface soil sampling logs (Appendix B) and soil boring logs (Appendix C).

Generally, site soils were observed to consist of fill materials underlain by alluvial soils, which coarsened to gravel-dominant material below the water table.

Fill material at the site ranged from not present to 6 feet thick in soil boring WVA-SB-01. Distribution of target fill material at the site is shown on Figure 3.

Alluvial soils – consisting of a mixture of silt, fine sand, and clay – were encountered in soil borings WVA-SB-01 and WVA-SB-02 ranging in thickness from 8 to 9 feet, respectively.

Gravel-dominant soils – consisting of medium gravel with sands/silts – were observed in soil borings WVA-SB-01 and WVA-SB-02. Gravel-dominant soils appeared within the phreatic zone and extended to the bottom of the soil borings.

A Community Air Monitoring Plan (CAMP) was implemented for real-time monitoring of volatile organic compounds (VOCs) and particulates (i.e., dust) at the upwind and downwind perimeter of each designated work area during intrusive activities. No action level exceedances were observed during monitoring of VOCs and particulates on site.

3.3.1 Surface Soil

Four surface soil samples (denoted WVA-SS-01 through WVA-SS-04) were collected from the site on May 5, 2022, as shown on Figure 2. Surface soil sample locations were placed in areas of potential disturbance, as seen in historical aerial photographs (Appendix A) and areas of the site that are likely to be most occupied (e.g., by the residential home and the detached garage).

3.3.1.1 SURFACE SOIL SAMPLING

Surface soil samples were collected from a 2-inch interval of soil beneath the grass and root layer. Retrieved soils were visually examined for physical characteristics and described using the Unified Soil Classification System (USCS; ASTM International 2018). The samples were screened with a

photoionization detector (PID) and any olfactory characteristics were noted. Headspace readings were recorded from soil samples retrieved. Lithology and field observations were recorded on surface soil sampling logs, which are included in **Appendix B**.

Surface soil samples were analyzed for the parameters listed in Table 1A, including:

- Total and Toxicity Characteristic Leaching Procedure (TCLP) metals (including mercury)
- Semi-volatile organic compounds (SVOCs)

One surface soil sample, WVA-SS-04, was also analyzed for:

- Cyanide
- Volatile organic compounds (VOCs)
- Pesticides
- Polychlorinated biphenyls (PCBs)
- Herbicides
- Total petroleum hydrocarbons (TPH)
- Per- and polyfluoroalkyl substances (PFAS).

Generally, sample volume was homogenized to fill the requisite laboratory-provided bottle ware, except at WVA-SS-04 where TerraCore samplers were used to collect discrete grab samples for VOC analysis prior to homogenization and sampling for the remaining parameters.

Quality assurance/quality control (QA/QC) samples were collected during sampling for parameters listed in **Table 1A** at a rate of one set of QA/QC samples for every 20 environmental samples collected.

3.3.1.2 TARGET FILL MATERIAL OBSERVED AT SURFACE SOIL SAMPLING LOCATIONS

Locations where target fill material was observed at the site are shown on **Figure 3** however there were no observations of target fill material in surface soil samples, therefore none are shown on the figure.

3.3.1.3 SURFACE SOIL SAMPLE ANALYTICAL RESULTS

Analytical results were compared against regulatory cleanup objectives and guidance values, based on current and future site use, as follows:

- New York Code of Rules and Regulations Title 6 (6 NYCRR) Part 375 SCOs for residential use (NYSDEC 2006)
- *Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (NYSDEC, 2022) guidance values for commercial use
- Applicable Resource Conservation and Recovery Act (RCRA) regulatory limits for TCLP metals

Surface soil analytical results are included in **Table 2**. A summary of the parameters that exceeded the applicable SCOs, guidance values, and regulatory limits are shown in a site map on **Figure 4** and summarized below:

Compound	Units	SCO/ Guidance	N > SCO	Range > SCO	Sample Locations and Depths
Arsenic	mg/kg	16	3	17 to 24	WVA-SS-01 (0-2") WVA-SS-03 (0-2") WVA-SS-04 (0-2")
Cadmium	mg/kg	2.5	3	3 to 4	WVA-SS-01 (0-2") WVA-SS-03 (0-2") WVA-SS-04 (0-2")
Lead	mg/kg	400	3	420 to 530	WVA-SS-01 (0-2") WVA-SS-03 (0-2") WVA-SS-04 (0-2")
PFOS	ug/kg	0.88	1	1.5	WVA-SS-04 (0-2")

Notes:

SCO = Soil Cleanup Objective, 6 NYCRR Part 375 SCOs

Guidance = NYSDEC PFAS Guidance (NYSDEC 2021a) or RCRA regulatory limits for TCLP

Value = SCO/Guidance screening value concentration

N > SCO = number of samples with concentrations greater than the SCO/Guidance screening value concentration
Range > SCO = range (minimum to maximum) of sample concentrations exceeding the SCO/Guidance concentration

TCLP metals as well as pesticides, PCBs, 1,4-dioxane, VOCs, SVOCs, and cyanide were detected in the surface soil samples, but concentrations did not exceed relevant criteria.

3.3.2 Subsurface Soil

The Site Characterization Work Plan prepared in April 2022 proposed completion of eight soil boring locations.

Eight soil borings (denoted WVA-SB-01 through WVA-SB-08 as shown on **Figure 2**) were completed at the site May 3, 2022, through May 5, 2022.

Two of the eight soil borings (WVA-SB-01 and WVA-SB-02) were converted into monitoring wells, following the procedures described in **Section 3.4 Groundwater Investigation**.

3.3.2.1 SUBSURFACE SOIL SAMPLING

Soil borings were advanced using a combination of hollow-stem auger and direct push techniques (i.e., MacroCore). All sampling tools were decontaminated between sample intervals and locations using Alconox mixed with laboratory-provided deionized water, scrubbed with a brush, and followed by a final rinse with deionized water. Soil borings were advanced to depths ranging between 2 and 22 feet below ground surface (bgs).

Soils were visually examined for physical characteristics and described using the USCS (ASTM International 2018). The samples were screened with a PID, and any olfactory characteristics were

noted. Lithology and field observations were recorded on soil boring logs, which are included in **Appendix C**.

A minimum of three samples were obtained from each soil boring location. A sample was collected from the following intervals at all locations:

- 0.0 - 0.5 feet
- 0.5 - 1.0 feet
- 1.0 - 2.0 feet

The remaining samples were collected based on field observations such as presence of suspect fill material, elevated PID readings, staining, odors, directly below observed impacts, and/or bottom of the boring.

Discrete grab samples were collected for VOC analysis using TerraCore samplers from the following locations:

- WVA-SB-01
- WVA-SB-02
- WVA-SB-03
- WVA-SB-05
- WVA-SB-06
- WVA-SB-08

The remaining soil samples were homogenized and placed into appropriate laboratory-provided containers and submitted for the remaining parameters, as shown in **Table 1A.**

QA/QC samples were collected during sampling for parameters listed on **Table 1A** at a rate of one QA/QC sample per 20 environmental samples collected.

3.3.2.2 TARGET FILL MATERIAL OBSERVED IN SOIL BORINGS

Material containing fragments of ash, brick, or slag were observed in all soil borings, with the exception of WVA-SB-07. Target fill material was observed as deep as 6 feet bgs in WVA-SB-01. Observations of target fill material in soil borings are shown on **Figure 3**, and summarized below:

Location ID	Target Fill Material Depth	Description of Target Fill Material Observed
WVA-SB-01	0.5 – 6.0 ft bgs	Ash, brick, and slag
WVA-SB-02	1.1 – 3.0 ft bgs	Ash and slag
WVA-SB-03	1.1 – 2.0 ft bgs	Slag fragments
WVA-SB-04	1.0 – 2.0 ft bgs	Ash and brick fragments
WVA-SB-05	0.8 – 2.0 ft bgs	Ash and slag fragments
WVA-SB-06	0.0* – 2.0 ft bgs	Brick and slag fragments

**0.0 measured below grass and root layer, waste was not exposed at the surface*

Photographs demonstrating observations of target fill material at the site are included in **Appendix A**. Materials were observed, particularly during hand clearing, that are consistent with characteristic ash, brick, and glass waste found at other sites in the area.

3.3.2.3 SUBSURFACE SOIL ANALYTICAL RESULTS

Analytical results were compared against regulatory cleanup objectives and guidance values, based on current and future site use, as follows:

- 6 NYCRR Part 375 SCOs for residential use (NYSDEC 2006)
- *Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (NYSDEC, 2021a) guidance values for unrestricted use
- Applicable Resource Conservation and Recovery Act (RCRA) regulatory limits for TCLP metals

Soil boring sample analytical results for detected compounds are included in **Table 3.** A summary of the parameters that exceeded the applicable SCOs and guidance values are shown in a site map on **Figure 5** and summarized below.

Compound	Units	SCO/ Guidance Value	N > SCO	Range > SCO	Sample Location and Exceedance Depths
Arsenic	mg/kg	16	14	17 to 51	WVA-SB-01 (0 - 0.5 ft) WVA-SB-01 (0.5 – 1 ft) WVA-SB-02 (0 - 0.5 ft) WVA-SB-02 FD (0.5 – 1 ft) WVA-SB-03 (0 - 0.5 ft) WVA-SB-03 (0.5 – 1 ft) WVA-SB-04 (0 - 0.5 ft) WVA-SB-04 (0.5 – 1 ft) WVA-SB-05 (0 - 0.5 ft) WVA-SB-05 (1 – 2 ft) WVA-SB-06 (0 - 0.5 ft) WVA-SB-06 (0.5 – 1 ft) WVA-SB-07 (0 - 0.5 ft) WVA-SB-08 (0 -0.5 ft)
Barium	mg/kg	350	2	390 to 460	WVA-SB-02 (0 - 0.5 ft) WVA-SB-04 (0.5 – 1 ft)
Cadmium	mg/kg	2.5	10	2.7 to 5.7	WVA-SB-01 (0 - 0.5 ft) WVA-SB-02 (0 - 0.5 ft) WVA-SB-03 (0 - 0.5 ft) WVA-SB-03 (0.5 – 1 ft) WVA-SB-04 (0 - 0.5 ft) WVA-SB-04 (0.5 – 1 ft) WVA-SB-05 (0.5 – 1 ft) WVA-SB-06 (0 - 0.5 ft) WVA-SB-07 (0 - 0.5 ft) WVA-SB-08 (0 – 0.5 ft)

Lead	mg/kg	400	12	490 to 5,500	WVA-SB-01 (0 - 0.5 ft) WVA-SB-02 (0 - 0.5 ft) WVA-SB-02 (0.5 – 1 ft) WVA-SB-02 FD (0.5 – 1 ft) WVA-SB-03 (0 - 0.5 ft) WVA-SB-03 (0.5 – 1 ft) WVA-SB-04 (0 - 0.5 ft) WVA-SB-04 (0.5 – 1 ft) WVA-SB-04 (1 – 2 ft) WVA-SB-05 (0.5 – 1 ft) WVA-SB-05 (1 – 2 ft) WVA-SB-08 (0 - 0.5 ft)
Mercury	mg/kg	0.81	0.87 to 1.9	5	WVA-SB-02 (0.5 – 1 ft) WVA-SB-02 FD (0.5 – 1 ft) WVA-SB-04 (0.5 – 1 ft) WVA-SB-04 (1 – 2 ft) WVA-SB-06 (1 – 2 ft)
Benzo(B)Fluoranthene	mg/kg	1	5	1.1 to 1.4	WVA-SB-03 (0 - 0.5 ft) WVA-SB-03 (0.5 – 1 ft) WVA-SB-04 (0 – 0.5 ft) WVA-SB-04 (1 – 2 ft) WVA-SB-05 (0 - 0.5 ft)
Chrysene	mg/kg	1	1	1.1	WVA-SB-03 (0 - 0.5 ft)
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5	0.54 to 0.73	WVA-SB-03 (0 - 0.5 ft) WVA-SB-03 (0.5 – 1 ft) WVA-SB-04 (0 - 0.5 ft) WVA-SB-04 (1 – 2 ft) WVA-SB-05 (0 - 0.5 ft)
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	1	4.4	WVA-SB-03 (0 - 0.5 ft)
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1	0.89	WVA-SB-03 (0 - 0.5 ft)

Notes:

SCO = Soil Cleanup Objective, 6 NYCRR Part 375 SCOs

Guidance = NYSDEC PFAS Guidance (NYSDEC 2021a) or RCRA regulatory limits for TCLP

Value = SCO/Guidance screening value concentration

N > SCO = number of samples with concentrations greater than the SCO/Guidance screening value concentration

Range > SCO = range (minimum to maximum) of sample concentrations exceeding the SCO/Guidance concentration

Other metals, beyond those listed above, were detected at concentrations below applicable SCOs. Pesticides, PCBs, VOCs, 1,4-dioxane, and cyanide were detected at levels below the applicable SCOs. TCLP metals were also detected in the soil samples, but in concentrations did not exceed RCRA Solid Waste criteria.

PFOS and PFOA were detected at concentrations above the NYSDEC unrestricted guidance values. Other PFAS compounds were detected, but there are no relevant guidance values present in the current NYSDEC PFAS Guidance for unrestricted use (NYSDEC 2022). The highest concentrations detected above the guidance values and the sample locations where they occurred are tabulated below.

3.3.3 Archive Sampling

Archive samples were not collected from the [redacted] Woodview Avenue site. Target fill material encountered appeared to be broken up and co-mingled with in situ soils.

3.4 Groundwater Investigation

A groundwater investigation was completed to characterize and evaluate potential impacts to groundwater at the site. The sampling summary and field observations for the groundwater investigation are presented in **Table 1B.**

3.4.1 Monitoring Well Installation and Development

Two monitoring wells were installed at the site to assess groundwater quality. Monitoring wells were constructed in soil borings drilled to 22.5 feet bgs (WVA-MW-01) and 21.5 feet bgs (WVA-MW-02), as shown on **Figure 2**. Soil borings were installed to their total depth using hollow-stem augers, and the wells were constructed using 2-inch polyvinyl chloride (PVC) casing with a 10-foot-long 10-slot screen set at a screened interval of 12-feet to 22-feet and 11-feet to 21-ft feet bgs, respectively. The annulus around the outside of the screen was backfilled with sand to 2 feet above the screen, followed by a bentonite seal above the sand pack. After hydration of the bentonite seal, grout was placed above it, and wells were completed with either a flush-mount or standpipe protective cover. Boring logs and well construction details are included in **Appendix C**.

Following installation, wells were developed to remove material that may have settled in and around the well screen. As per the work plan, well development activities consisted of purging water until any of the three following criteria were met:

1. Water quality parameters have stabilized for three successive measurements.
2. Purge water turbidity drops below 50 nephelometric turbidity units.
3. A maximum of 10 well volumes have been removed.

Since the first two criteria were not met during development, purging was conducted until 10 well volumes had been purged from each well. Development water was containerized using drums and was characterized for disposal as described in **Section 5 (Investigation-Derived Waste Management)**. Well development logs are included in **Appendix D.**

3.4.2 Groundwater Sampling

Following well installation and development, groundwater sampling was conducted on June 22, 2022 and June 24, 2022, using low-flow sampling techniques. Emerging contaminant-specific equipment, materials, and procedures were utilized in accordance with the FAP (Parsons 2020a) and QAPP (Parsons 2020b). Groundwater samples were analyzed for parameters as shown in **Table 1B.**

Monitoring wells were purged until water quality parameters (temperature, conductivity, pH, dissolved oxygen, oxidation-reduction potential, salinity, total dissolved solids, and turbidity) stabilized within the thresholds prescribed in the FAP and QAPP to ensure collection of a representative groundwater

sample. Water quality parameters were recorded every five minutes and immediately prior to sample collection. Water quality parameter measurements and observations recorded during sampling are documented in the groundwater sampling logs provided in **Appendix D**.

Five QA/QC samples were collected as part of the effort. One field duplicate, one matrix spike/matrix spike duplicate pair, and one equipment blank were analyzed for the parameters listed in **Table 1B.** In addition, one field blank was collected and analyzed for PFAS, and one trip blank was analyzed for VOCs.

3.4.3 Groundwater Analytical Results

Analytical results were compared against the following applicable regulatory groundwater quality standards and maximum contaminant levels, collectively "criteria":

- June 1998 Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC 1998)
- NYCRR Title 10 Department of Health, Subpart 5-1 *Public Water Systems Maximum Contaminant Levels* (MCL; NYSDOH 2022)

A summary of the parameters that exceeded the applicable criteria are shown on **Figure 6** and summarized below.

Compound	Units	Criteria Value	N > Criteria	Range > SGV/MCL	Sample Locations
Selenium	mg/L	0.01	1	0.011	WVA-MW-02
Sodium	mg/L	20	2	61 to 73	WVA-MW-01 WVA-MW-02

Notes:

Criteria = AWQSGVs from TOGS 1.1.1 Class GA Groundwater Quality Standards and Guidance Values

Value = Screening value concentration

N > Criteria = number of samples with concentrations greater than the screening value concentration
Range > Criteria = range (minimum to maximum) of sample concentrations exceeding the guidance value concentration

VOCs, SVOCs, pesticides, herbicides, PFAS, and 1,4 dioxane were detected at concentrations below criteria.

Groundwater analytical results for detected compounds are shown in **Table 4**.

SECTION 4 SITE SURVEY

After the completion of site characterization field activities, a New York state-licensed land surveyor completed a site topographical survey. The site survey included collecting as-built coordinates and elevations for soil borings, surface soil samples, and monitoring wells. Horizontal survey data are based on the North American Datum of 1983 (NAD83) New York State Plane West coordinate system (in feet). Elevations are based on the North American Vertical Datum of 1988 (NAVD88). Site survey information from the 2022 field activities is included in **Appendix E.**

SECTION 5 INVESTIGATION-DERIVED WASTE MANAGEMENT

Investigation-derived waste (IDW), including excess soils, decontamination rinsates, personal protective equipment, and disposable sampling equipment were placed in U.S. Department of Transportation (DOT)-approved 55-gallon 17-H type drums.

Characterization samples of the IDW were collected and submitted for analyses as shown in **Tables 1A and 1B.**

The IDW was evaluated as nonhazardous based on characterization sample analytical results and has been disposed of in accordance with applicable NYSDEC regulations.

SECTION 6 DATA VALIDATION AND REPORTING

Results from analytical samples collected during site characterization activities were validated and reviewed by Parsons for usability with respect to the following requirements:

- Project Work Plan,
- United States U.S. Environmental Protection Agency (USEPA) analytical methodologies,
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review, and *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated June 2021

The quality of the data has been assessed and is documented in the Data Usability Summary Report **Appendix F**). Validated data have been submitted for loading into the NYSDEC database.

SECTION 7 CONCLUSIONS

Target fill material was encountered in the majority of soil borings across the site and was observed to extend as deep as 6 feet bgs. Materials observed, particularly during hand clearing, are consistent with characteristic ash, brick, and glass waste found at other sites in the area.

Samples collected from surface soils exceeded Residential SCOs for a subset of metals (arsenic, cadmium, and lead). Surface soil samples were also observed to exceed NYSDEC guidance values for PFOS. Pesticides, PCBs, 1,4-dioxane, VOCs, SVOCs, cyanide, and TCLP metals were detected in the surface soil samples but concentrations did not exceed relevant criteria.

Subsurface soils exceeding Residential SCOs were observed in all soil borings. Residential SCO exceedances included metals (arsenic, barium, cadmium, lead, and mercury) and SVOCs (benzo[b]fluoranthene, chrysene, and indeno[1,2,3-c,d]pyrene). Soil samples were also observed to exceed NYSDEC guidance values for PFOS and PFOA. Pesticides, PCBs, VOCs, 1,4-dioxane, cyanide, and TCLP metals were detected at levels below the applicable SCOs.

Groundwater samples collected from both newly installed monitoring wells exceeded applicable criteria. Sodium concentrations were observed to exceed criteria in both WVA-MW-01 and WVA-MW-02. Selenium concentrations slightly exceeded criteria in WVA-MW-02. Exceedances were limited to those two metals constituents.

Parsons recommends this site for advancement to Remedial Investigation to adequately characterize the nature and extent of impacts. This recommendation is based on contaminant exceedances above relevant criteria in samples collected from surface soils, subsurface soils, and groundwater as well as the extent of target fill material observed in site soils.

SECTION 8 REFERENCES

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TABLES

Table 1A

[redacted] Woodview

Site Characterization Report

Soil Sampling Summary and Field Observations

Location or Sample ID	Total Depth	Field Observations/ Comments	Glass Archive Sample(s) Collected?	Analytical Sample Depth	Matrix	Analytical Sample Type	Sampling Date	Metals	TCLP Metals	Cyanide	SVOCs/1,4 Dioxane	VOCs	Pest/PCB/Herb	TPH	PFAS	SW-RCRA
WVA-SS-01	0.17 ft	None	No	0.0 - 0.17 ft	Soil	Normal	05/05/2022	X	X		X					
WVA-SS-02	0.17 ft	None	No	0.0 - 0.17 ft	Soil	Normal	05/05/2022	X	X		X					
WVA-SS-03	0.17 ft	None	No	0.0 - 0.17 ft	Soil	Normal	05/05/2022	X	X		X					
WVA-SS-04	0.17 ft	None	No	0.0 - 0.17 ft	Soil	Normal	05/05/2022	X	X	X	X	X	X	X	X	
WVA-SB-01	22 ft	1.0-2.0': MS/MSD collected 0.5 - 2.0': Target fill of white ash, brick, and slag observed 2.0- 5.2': Target fill of ash, brick and slag observed 5.2 - 6.0': Target fill of brick observed	No	0.0-0.5 ft	Soil	Normal	05/04/2022	X	X	X	X	X	X	X	X	
				0.5-1.0 ft	Soil	Normal	05/04/2022	X	X		X					
				0.5-1.0 ft	Soil	Field Duplicate	05/04/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/04/2022	X	X		X					
				3.0-4.0 ft	Soil	Normal	05/04/2022	X	X	X	X	X	X	X	X	
				6.0-6.5 ft	Soil	Normal	05/04/2022	X	X		X					
				21-22 ft	Soil	Normal	05/04/2022	X	X		X					
WVA-SB-02	21 ft	0.0 - 0.5': MS/MSD collected 1.0 - 1.5': Target fill of ash and slag observed 1.5 - 2.0': Target fill of slag observed 2.0 - 3.0': Target fill of ash and slag observed	No	0.0-0.5 ft	Soil	Normal	05/03/2022	X	X	X	X	X	X	X	X	
				0.5-1.0 ft	Soil	Normal	05/03/2022	X	X		X					
				0.5-1.0 ft	Soil	Field Duplicate	05/03/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/03/2022	X	X		X					
				2.0-3.0 ft	Soil	Normal	05/03/2022	X	X		X					
				3.0-3.5 ft	Soil	Normal	05/03/2022	X	X		X					
				20-21 ft	Soil	Normal	05/03/2022	X	X		X					
WVA-SB-03	2 ft	1.1 - 2.0': Target fill of slag observed	No	0.0-0.5 ft	Soil	Normal	05/04/2022	X	X	X	X	X	X	X	X	
				0.5-1.0 ft	Soil	Normal	05/04/2022	X	X		X					
				1.0-2.0ft	Soil	Normal	05/04/2022	X	X		X					
WVA-SB-04	2 ft	1.0 - 2.0': Target fill of ash and brick observed	No	0.0-0.5 ft	Soil	Normal	05/04/2022	X	X		X					
				0.5-1.0 ft	Soil	Normal	05/04/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/04/2022	X	X		X					

PARSONS

Table 1A

[redacted] Woodview

Site Characterization Report

Soil Sampling Summary and Field Observations

Location or Sample ID	Total Depth	Field Observations/ Comments	Glass Archive Sample(s) Collected?	Analytical Sample Depth	Matrix	Analytical Sample Type	Sampling Date	Metals	TCLP Metals	Cyanide	SVOCs/1,4 Dioxane	VOCs	Pest/PCB/Herb	TPH	PFAS	SW-RCRA
WVA-SB-05	2 ft	0.8 - 2.0': Target fill of ash and slag observed	No	0.0-0.5 ft	Soil	Normal	05/04/2022	X	X		X					
				0.5-1.0 ft	Soil	Normal	05/04/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/04/2022	X	X	X	X	X	X	X	X	
WVA-SB-06	2 ft	0.0 - 1.8': Target fill of slag observed 1.8 - 2.0': Target fill of brick and slag observed	No	0.0-0.5 ft	Soil	Normal	05/05/2022	X	X		X					
				0.5-1.0 ft	Soil	Normal	05/05/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/05/2022	X	X	X	X	X	X	X	X	
WVA-SB-07	2 ft	None	No	0.0-0.5 ft	Soil	Normal	05/05/2022	X	X		X					
				0.5-1.0 ft	Soil	Normal	05/05/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/05/2022	X	X		X					
WVA-SB-08	2 ft	0.0 - 1.0': Target fill of slag observed	No	0.0-0.5 ft	Soil	Normal	05/05/2022	X	X		X					
				0.5-1.0 ft	Soil	Normal	05/05/2022	X	X		X					
				1.0-2.0 ft	Soil	Normal	05/05/2022	X	X	X	X	X	X	X	X	
WSP-IDW-SOLID	N/A	None	No	NA	Solid	Normal	05/06/2022									X

Analytical Methods:

Metals = Metals, Mercury, and Boron (USEPA SW-846 6010D, 7471B)

TCLP Metals = Toxicity Characteristic Leaching Procedure metals (USEPA SW-846 6010C, 7470A)

Cyanide (USEPA SW-846 9012B)

Hexavalent and trivalent chromium (USEPA SW-846 7196A)

SVOCs/1,4-D = Semivolatile organic compounds plus 1,4-Dioxane (USEPA SW-846 8270D/8270D SIM)

VOCs = Volatile organic compounds (USEPA SW-846 8260C)

Pesticides, Polychlorinated biphenyls, Herbicides (USEPA SW-846 8081B/8082A/8151A)

TPH = Total petroleum hydrocarbons (USEPA 1664B)

PFAS = Per- and polyfluoroalkyl substances (modified USEPA 537.1)

PARSONS

Table 1B
Woodview Avenue
Site Characterization Report
Water Sampling Summary and Field Observations

Location or Sample ID	Total Depth	Field Observations/ Comments	Glass Archive Sample(s) Collected?	Analytical Sample Depth	Matrix	Analytical Sample Type	Sampling Date	Metals	CN	SVOCs/1,4D	VOCs	Pest/PCB/Herb	TPH	PFAS	LW-RCRA
WVA-MW-01	22 ft	Monitoring well installed at boring WVA-SB-01	No	12 - 22 ft	Groundwater	Normal	06/22/2022	X	X	X	X	X	X	X	
					Groundwater	Field Duplicate	06/22/2022	X	X	X	X	X	X	X	
WVA-MW-02	21 ft	Monitoring well installed at boring WVA-SB-02. MS/MSD collected	No	11 - 21 ft	Groundwater	Normal	06/24/2022	X	X	X	X	X	X	X	
WVA-IDW-LIQUID	N/A	None	No	NA	Aqueous	Normal	05/06/2022								X

Analytical Methods:

Metals = Metals, Mercury, and Boron (USEPA SW-846 6010D, 7471B)

CN = Cyanide (USEPA SW-846 9012B)

Cr6+/Cr3+ = Hexavalent and trivalent chromium (USEPA SW-846 7196A)

SVOCs/1,4-D = Semivolatile organic compounds plus 1,4-Dioxane (USEPA SW-846 8270D/8270D SIM)

VOCs = Volatile organic compounds (USEPA SW-846 8260C)

Pest/PCB/Herb = Pesticides, Polychlorinated biphenyls, Herbicides (USEPA SW-846 8081B/8082A/8151A)

TPH = Total petroleum hydrocarbons (USEPA 1664B)

PFAS = Per- and polyfluoroalkyl substances (modified USEPA 537.1)

PARSONS

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	WVA-SS-01		WVA-SS-02		WVA-SS-03		WVA-SS-04			
						Start Depth (ft)	0		0		0		0			
						End Depth (ft)	0.17		0.17		0.17		0.17			
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022			
						Sample ID	WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17		WVA-SS-04-0.0-0			
						SDG	22E0362		22E0362		22E0362		22E0362			
						Matrix	SO		SO		SO		SO			
						Sample Type Code	N		N		N		N			
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL										
6010C	7429-90-5	Aluminum	mg/kg	-	-	-	7500		7300		8900		9700			
6010C	7440-36-0	Antimony	mg/kg	-	-	-	2	U	1.9	U	2.1	U	2.1			
6010C	7440-38-2	Arsenic	mg/kg	-	-	16	17		8.1		22		24			
6010C	7440-39-3	Barium	mg/kg	-	-	350	210		100		160		160			
6010C	7440-41-7	Beryllium	mg/kg	-	-	14	0.33		0.35		0.45		0.47			
6010C	7440-42-8	Boron	mg/kg	-	-	-	7.5		2.8	J	8.1		10			
6010C	7440-43-9	Cadmium	mg/kg	-	-	2.5	3		0.67		4		3.6			
6010C	7440-70-2	Calcium	mg/kg	-	-	-	4400		1200		6600		4400			
6010C	7440-47-3	Chromium, Total	mg/kg	-	-	36	14		9.1		13		14			
6010C	7440-48-4	Cobalt	mg/kg	-	-	-	7.4		7.2		8.1		8.9			
6010C	7440-50-8	Copper	mg/kg	-	-	270	41		14		25		26			
6010C	7439-89-6	Iron	mg/kg	-	-	-	16000		15000		17000		19000			
6010C	7439-92-1	Lead	mg/kg	-	-	400	530		110		420		530			
6010C	7439-95-4	Magnesium	mg/kg	-	-	-	2600		2200		4300		2900			
6010C	7439-96-5	Manganese	mg/kg	-	-	2000	440		430		640		610			
6010C	7440-02-0	Nickel	mg/kg	-	-	140	17		15		17		19			
6010C	7440-09-7	Potassium	mg/kg	-	-	-	1100		1100		1400		1500			
6010C	7782-49-2	Selenium	mg/kg	-	-	36	4	U	3.9	U	4.3	U	4.2			
6010C	7440-22-4	Silver	mg/kg	-	-	36	0.4	U	0.39	U	0.43	U	0.42			
6010C	7440-23-5	Sodium	mg/kg	-	-	-	42	J	190	U	60	J	51			
6010C	7440-28-0	Thallium	mg/kg	-	-	-	2	U	1.9	U	2.1	U	2.1			
6010C	7440-62-2	Vanadium	mg/kg	-	-	-	14		10		15		17			
6010C	7440-66-6	Zinc	mg/kg	-	-	2200	320		73		130		220			
7471B	7439-97-6	Mercury	mg/kg	-	-	0.81	0.24		0.15		0.21		0.14			
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	-		-		-		0.13			
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	-		-		-		*0.032*			
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	-		-		-		0.032			
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	-		-		-		0.032			
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	-		-		-		0.032			
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	-		-		-		0.052			
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	-		-		-		0.09			
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	-		-		-		0.032			
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	-		-		-		0.026			
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	-		-		-		0.052			
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	-		-		-		0.052			
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	-		-		-		0.052			
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	-		-		-		0.052			
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	-		-		-		0.013			
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	-		-		-		0.032			
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	-		-		-		0.032			
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	-		-		-		0.039			
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	-		-		-		0.32			
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	-		-		-		0.026			
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	-		-		-		0.053			
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	-		-		-		0.028			
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	-		-		-		0.64			
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	-		-		-		0.1			
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	-		-		-		0.1			
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	-		-		-		0.1			
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	-		-		-		0.1			
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	-		-		-		0.1			

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Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	WVA-SS-01			WVA-SS-02			WVA-SS-03			WVA-SS-04		
						Start Depth (ft)	0			0			0			0		
						End Depth (ft)	0.17			0.17			0.17			0.17		
						Sample Date	5/5/2022			5/5/2022			5/5/2022			5/5/2022		
						Sample ID	WVA-SS-01-0.0-0.17			WVA-SS-02-0.0-0.17			WVA-SS-03-0.0-0.17			WVA-SS-04-0.0-0		
						SDG	22E0362			22E0362			22E0362			22E0362		
						Matrix	SO			SO			SO			SO		
						Sample Type Code	N			N			N			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL													
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	-			-			-			0.1			
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	-			-			-			0.048			
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	-			-			-			0.1			
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	-			-			-			0.1			
8260C	630-20-6	1 1 1 2-Tetrachloroethane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	71-55-6	1 1 1-Trichloroethane (TCA)	mg/kg	-	-	100	-			-			-			0.0027			
8260C	79-34-5	1 1 2 2-Tetrachloroethane	mg/kg	-	-	-	-			-			-			0.0013			
8260C	76-13-1	1 1 2-Trichloro-1 2 2-Trifluoroethane	mg/kg	-	-	-	-			-			-			0.013			
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	-			-			-			0.0027			
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	-			-			-			0.0053			
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	-			-			-			0.0027			
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	-			-			-			0.0013			
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	-			-			-			0.0027			
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	-			-			-			0.0027			
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	108-67-8	1 3 5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	-			-			-			0.0027			
8260C	541-73-1	1 3-Dichlorobenzene	mg/kg	-	-	17	-			-			-			0.0027			
8260C	142-28-9	1 3-Dichloropropane	mg/kg	-	-		-			-			-			0.0013			
8260C	106-46-7	1 4-Dichlorobenzene	mg/kg	-	-	9.8	-			-			-			0.0027			
8260C	123-91-1	1 4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	-			-			-			0.13			
8260C	594-20-7	2 2-Dichloropropane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	-			-			-			0.027			
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	-			-			-			0.0013			
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	67-64-1	Acetone	mg/kg	-	-	100	-			-			-			0.08			
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	-			-			-			0.008			
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	-			-			-			0.0027			
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	-			-			-			0.0027			
8260C	75-25-2	Bromoform	mg/kg	-	-	-	-			-			-			0.0027			
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	-			-			-			0.013			
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	-			-			-			0.013			
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	-			-			-			0.0027			
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	-			-			-			0.0027			
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	-			-			-			0.027			
8260C	67-66-3	Chloroform	mg/kg	-	-	10	-			-			-			0.0053			
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	-			-			-			0.013			
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	-			-			-			0.0027			
8260C	10061-01-5	Cis-1 3-Dichloropropene	mg/kg	-	-	-	-			-			-			0.0013			
8260C	99-87-6	Cymene	mg/kg	-	-	-	-			-			-			0.0027			
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	-			-			-			0.0013			
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	-			-			-			0.0027			

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	WVA-SS-01		WVA-SS-02		WVA-SS-03		WVA-SS-04			
						Start Depth (ft)	0		0		0		0			
						End Depth (ft)	0.17		0.17		0.17		0.17			
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022			
						Sample ID	WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17		WVA-SS-04-0.0-0			
						SDG	22E0362		22E0362		22E0362		22E0362			
						Matrix	SO		SO		SO		SO			
						Sample Type Code	N		N		N		N			
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL										
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	-		-		-		0.027			
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	-		-		-		0.027			
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	-		-		-		0.0013			
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	-		-		-		0.0027			
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	-		-		-		0.0027			
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	-		-		-		0.0013			
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	-		-		-		0.0027			
8260C	179601-23-1	m p-Xylene	mg/kg	-	-	100	-		-		-		0.0053			
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	-		-		-		0.0027			
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	-		-		-		0.053			
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	-		-		-		0.027			
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	-		-		-		0.0027			
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	-		-		-		0.027			
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	-		-		-		0.0053			
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	-		-		-		0.0027			
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	100-42-5	Styrene	mg/kg	-	-	-	-		-		-		0.0027			
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	-		-		-		0.13			
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	-		-		-		0.0053			
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	-		-		-		0.0027			
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	-		-		-		0.013			
8260C	108-88-3	Toluene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	156-60-5	Trans-1 2-Dichloroethene	mg/kg	-	-	100	-		-		-		0.0027			
8260C	10061-02-6	Trans-1 3-Dichloropropene	mg/kg	-	-	-	-		-		-		0.0013			
8260C	110-57-6	Trans-1 4-Dichloro-2-Butene	mg/kg	-	-	-	-		-		-		0.0053			
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	-		-		-		0.0027			
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	-		-		-		0.013			
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	-		-		-		0.013			
8270D	95-94-3	1 2 4 5-Tetrachlorobenzene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	120-82-1	1 2 4-Trichlorobenzene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.42	U	0.4	U	0.45	U	0.45			
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.42	U	0.4	U	0.45	U	0.45			
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.42	U	0.4	U	0.45	U	0.45			
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.2	U	0.22	U	0.23			
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.82	U	0.78	U	0.87	U	0.88			
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.2	U	0.22	U	0.23			
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.42	U	0.4	U	0.45	U	0.45			
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.42	UJ	0.4	U	0.45	U	0.45			
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45			

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Table 2
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Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	WVA-SS-01		WVA-SS-02		WVA-SS-03		WVA-SS-04	
						Start Depth (ft)	0		0		0		0	
						End Depth (ft)	0.17		0.17		0.17		0.17	
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17		WVA-SS-04-0.0-0	
						SDG	22E0362		22E0362		22E0362		22E0362	
						Matrix	SO		SO		SO		SO	
						Sample Type Code	N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL								
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	91-94-1	3 3'-Dichlorobenzidine	mg/kg	-	-	-	0.21	U	0.2	U	0.22	U	0.23	
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	534-52-1	4 6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.82	U	0.78	U	0.87	U	0.88	
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.82	U	0.78	U	0.87	U	0.88	
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.82	U	0.78	U	0.87	U	0.88	
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.21	U	0.2	U	0.22	U	0.23	
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.21	U	0.2	U	0.22	U	0.23	
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.42	UJ	0.4	UJ	0.45	UJ	0.45	
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.21	U	0.2	U	0.22	U	0.23	
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.82	UJ	0.78	UJ	0.87	UJ	0.88	
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.34		0.2	U	0.087	J	0.13	
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.36		0.2	U	0.1	J	0.15	
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.51		0.2	U	0.17	J	0.27	
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.25		0.2	U	0.22	U	0.14	
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.2	J	0.2	U	0.22	U	0.085	
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	U	1.2	U	1.3	U	1.3	
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.42	UJ	0.4	UJ	0.45	UJ	0.45	
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.21	U	0.2	U	0.22	U	0.23	
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.41		0.2	U	0.14	J	0.2	
8270D	53-70-3	Dibenz(A H)Anthracene	mg/kg	-	-	0.33	0.21	U	0.2	U	0.22	U	0.23	
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.42	U	0.4	U	0.45	U	0.45	
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.78		0.083	J	0.18	J	0.26	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.21	U	0.2	U	0.22	U	0.23	
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0 33*	*0 42*	*U*	*0 4*	*U*	*0 45*	*U*	*0 45*	
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.42	UJ	0.4	UJ	0.45	UJ	0.45	
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.3		0.2	U	0.22	U	0.16	
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.21	U	0.2	U	0.22	U	0.23	
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.42	U	0.4	UJ	0.45	UJ	0.45	
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.42	U	0.4	U	0.45	U	0.45	
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.34		0.2	U	0.22	U	0.11	

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PARSONS

						Location	WVA-SS-01		WVA-SS-02		WVA-SS-03		WVA-SS-04	
						Start Depth (ft)	0		0		0		0	
						End Depth (ft)	0.17		0.17		0.17		0.17	
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17		WVA-SS-04-0.0-0	
						SDG	22E0362		22E0362		22E0362		22E0362	
						Matrix	SO		SO		SO		SO	
						Sample Type Code	N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL								
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.42	U	0.4	U	0.45	U	0.45	
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.73		0.091	J	0.18	J	0.25	
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.42	U	0.4	U	0.45	U	0.45	
A2540G	SOLID	Solids Percent	%	-	-	-	80.2		84.5		76		75.3	
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		0.51	
E537	39108-34-4	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	757124-72-4	1H 1H 2H 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	27619-97-2	1H 1H 2H 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		-		-		0.51	
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		0.51	
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		-		-		0.51	
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		-		-		0.51	
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		-		-		0.51	
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		-		-		0.51	
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		-		-		0.51	
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		-		-		0.51	
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		-		-		0.52	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		-		-		0.51	
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		-		-		0.51	
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		-		-		0.51	
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		-		-		0.51	
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		-		-		0.14	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		-		-		0.51	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		-		-		0.51	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		-		-		0.51	
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		-		-		0.12	
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		-		-		0.51	
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		-		-		1.5	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		-		-		0.6	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		-		-		0.51	
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		-		-		0.2	
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		-		-		0.51	
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		-		-		0.51	
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		-		-		0.51	
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		-		-			
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		-		-		130	
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		-		-		37	
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		-		-		13	
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		-		-		330	
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		-		-		13	
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		-		-		130	
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		-		-		66	
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		-		-		13000	
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		-		-		13000	
SW8151	93-72-1	Silvex (2 4 5-TP)	ug/kg	-	-	58000	-		-		-		13	
SW8270	123-91-1	1 4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	19	J	3.5	U	21	U	11	
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		-		-		2.7	

Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

						Location	WVA-SS-01		WVA-SS-02		WVA-SS-03		WVA-SS-04	
						Start Depth (ft)	0		0		0		0	
						End Depth (ft)	0.17		0.17		0.17		0.17	
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17		WVA-SS-04-0.0-0	
						SDG	22E0362		22E0362		22E0362		22E0362	
						Matrix	SO		SO		SO		SO	
						Sample Type Code	N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL								
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		-		-		90.6	
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.064		0.05	U	0.019	J	0.024	
6010C	7440-39-3	Barium	mg/l	100	-	-	1.1		0.59		0.65		0.8	
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		-		-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.022		0.007	J	0.017		0.019	
6010C	7440-47-3	Chromium Total	mg/l	5	-	-	0.0073	J	0.0077	J	0.0026	J	0.005	
6010C	7439-92-1	Lead	mg/l	5	-	-	0.38		0.13		0.096	J	0.23	
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.029	J	0.031	J	0.05	
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	6.6E-05	J	0.0001	U	0.0001	U	0.0001	

Notes:
Analytical results exceed 6 NYCRR Part 375 SCOs for residential use
Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use
Italicized concentrations indicate Reporting Limits exceeded applicable criterion.
Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC 1998)
PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDOH 2022)
Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the value given, "J+" estimated

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Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	
						Start Depth (ft)	
						End Depth (ft)	
						Sample Date	
						Sample ID	.17
						SDG	
						Matrix	
						Sample Type Code	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
6010C	7429-90-5	Aluminum	mg/kg	-	-	-	
6010C	7440-36-0	Antimony	mg/kg	-	-	-	U
6010C	7440-38-2	Arsenic	mg/kg	-	-	16	
6010C	7440-39-3	Barium	mg/kg	-	-	350	
6010C	7440-41-7	Beryllium	mg/kg	-	-	14	
6010C	7440-42-8	Boron	mg/kg	-	-	-	
6010C	7440-43-9	Cadmium	mg/kg	-	-	2.5	
6010C	7440-70-2	Calcium	mg/kg	-	-	-	
6010C	7440-47-3	Chromium, Total	mg/kg	-	-	36	
6010C	7440-48-4	Cobalt	mg/kg	-	-	-	
6010C	7440-50-8	Copper	mg/kg	-	-	270	
6010C	7439-89-6	Iron	mg/kg	-	-	-	
6010C	7439-92-1	Lead	mg/kg	-	-	400	
6010C	7439-95-4	Magnesium	mg/kg	-	-	-	
6010C	7439-96-5	Manganese	mg/kg	-	-	2000	
6010C	7440-02-0	Nickel	mg/kg	-	-	140	
6010C	7440-09-7	Potassium	mg/kg	-	-	-	
6010C	7782-49-2	Selenium	mg/kg	-	-	36	U
6010C	7440-22-4	Silver	mg/kg	-	-	36	U
6010C	7440-23-5	Sodium	mg/kg	-	-	-	J
6010C	7440-28-0	Thallium	mg/kg	-	-	-	U
6010C	7440-62-2	Vanadium	mg/kg	-	-	-	
6010C	7440-66-6	Zinc	mg/kg	-	-	2200	
7471B	7439-97-6	Mercury	mg/kg	-	-	0.81	
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	U
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	*U*
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	U
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	U
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	U
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	U
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	J
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	U
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	U
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	U
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	U
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	U
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	U
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	UJ
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	U
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	U
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	U
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	U
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	U
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	U
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	U
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	U
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	U
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	U
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	U

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Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location Start Depth (ft) End Depth (ft) Sample Date Sample ID SDG Matrix Sample Type Code	.17
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	U
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	J
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	U
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	U
8260C	630-20-6	1 1 1 2-Tetrachloroethane	mg/kg	-	-	-	U
8260C	71-55-6	1 1 1-Trichloroethane (TCA)	mg/kg	-	-	100	U
8260C	79-34-5	1 1 2 2-Tetrachloroethane	mg/kg	-	-	-	U
8260C	76-13-1	1 1 2-Trichloro-1 2 2-Trifluoroethane	mg/kg	-	-	-	U
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	U
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	U
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	U
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	U
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	U
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	U
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	U
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	U
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	U
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	U
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	U
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	U
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	U
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	U
8260C	108-67-8	1 3 5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	U
8260C	541-73-1	1 3-Dichlorobenzene	mg/kg	-	-	17	U
8260C	142-28-9	1 3-Dichloropropane	mg/kg	-	-		U
8260C	106-46-7	1 4-Dichlorobenzene	mg/kg	-	-	9.8	U
8260C	123-91-1	1 4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	U
8260C	594-20-7	2 2-Dichloropropane	mg/kg	-	-	-	U
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	U
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	U
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	U
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	U
8260C	67-64-1	Acetone	mg/kg	-	-	100	J
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	U
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	U
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	U
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	U
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	U
8260C	75-25-2	Bromoform	mg/kg	-	-	-	U
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	U
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	U
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	U
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	U
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	U
8260C	67-66-3	Chloroform	mg/kg	-	-	10	U
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	U
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	U
8260C	10061-01-5	Cis-1 3-Dichloropropene	mg/kg	-	-	-	U
8260C	99-87-6	Cymene	mg/kg	-	-	-	U
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	U
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	U

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Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	
						Start Depth (ft)	
						End Depth (ft)	
						Sample Date	
						Sample ID	.17
						SDG	
						Matrix	
						Sample Type Code	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	U
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	U
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	U
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	U
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	U
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	U
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	U
8260C	179601-23-1	m p-Xylene	mg/kg	-	-	100	U
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	U
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	U
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	U
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	U
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	U
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	U
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	U
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	U
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	U
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	U
8260C	100-42-5	Styrene	mg/kg	-	-	-	U
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	U
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	U
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	U
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	U
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	U
8260C	108-88-3	Toluene	mg/kg	-	-	100	U
8260C	156-60-5	Trans-1 2-Dichloroethene	mg/kg	-	-	100	U
8260C	10061-02-6	Trans-1 3-Dichloropropene	mg/kg	-	-	-	U
8260C	110-57-6	Trans-1 4-Dichloro-2-Butene	mg/kg	-	-	-	U
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	U
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	U
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	U
8270D	95-94-3	1 2 4 5-Tetrachlorobenzene	mg/kg	-	-	-	U
8270D	120-82-1	1 2 4-Trichlorobenzene	mg/kg	-	-	-	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	U
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	U
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	U
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	U
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	U

						Location Start Depth (ft) End Depth (ft) Sample Date Sample ID SDG Matrix Sample Type Code	.17
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	U
8270D	91-94-1	3 3'-Dichlorobenzidine	mg/kg	-	-	-	U
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	U
8270D	534-52-1	4 6-Dinitro-2-Methylphenol	mg/kg	-	-	-	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	U
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	U
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	U
8270D	92-87-5	Benzidine	mg/kg	-	-	-	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	J
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	J
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	J
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	J
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	U
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	U
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	J
8270D	53-70-3	Dibenz(A H)Anthracene	mg/kg	-	-	0.33	U
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0 33*	*U*
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	UJ
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	J
8270D	78-59-1	Isophorone	mg/kg	-	-	-	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	U
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	J

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

Table 2
[redacted] Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	
						Start Depth (ft)	
						End Depth (ft)	
						Sample Date	
						Sample ID	.17
						SDG	
						Matrix	
						Sample Type Code	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
8270D	108-95-2	Phenol	mg/kg	-	-	100	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	
8270D	110-86-1	Pyridine	mg/kg	-	-	-	U
A2540G	SOLID	Solids Percent	%	-	-	-	
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	U
E537	39108-34-4	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	U
E537	757124-72-4	1H 1H 2H 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	U
E537	27619-97-2	1H 1H 2H 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	U
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	U
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	U
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	U
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	U
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	UJ
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	U
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	U
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	U
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	U
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	U
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	U
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	U
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	U
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	U
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	U
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	U
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	J
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	U
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	U
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	U
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	J
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	U
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	U
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	J
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	U
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	U
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	U
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	U
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	J
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	U
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	U
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	U
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	U
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	U
SW8151	94-74-6	MCPA	ug/kg	-	-	-	U
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	U
SW8151	93-72-1	Silvex (2 4 5-TP)	ug/kg	-	-	58000	U
SW8270	123-91-1	1 4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	J
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 2
Woodview Avenue
Site Characterization Report
Surface Soil Analytical Results

PARSONS

						Location	
						Start Depth (ft)	
						End Depth (ft)	
						Sample Date	
						Sample ID	.17
						SDG	
						Matrix	
						Sample Type Code	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_UNRESTRICTED PFAS	NYSDECPART375_RESIDENTIAL	
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	J
6010C	7440-38-2	Arsenic	mg/l	5	-	-	J
6010C	7440-39-3	Barium	mg/l	100	-	-	
6010C	7440-42-8	Boron	mg/l	-	-	-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	
6010C	7440-47-3	Chromium Total	mg/l	5	-	-	J
6010C	7439-92-1	Lead	mg/l	5	-	-	
6010C	7782-49-2	Selenium	mg/l	1	-	-	U
6010C	7440-22-4	Silver	mg/l	5	-	-	U
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	U

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC 1998

PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDOH 202

Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the value

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
						Start Depth (ft)	0		0.5		0.5		1		3	
						End Depth (ft)	0.5		1		1		2		4	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		FD		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	0.12	U	-		-		-		0.026	U
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	*0.031*	*U*	-		-		-		0.0065	U
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	0.031	U	-		-		-		0.0065	U
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	0.031	U	-		-		-		0.0065	U
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	0.031	U	-		-		-		0.0065	U
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	0.049	U	-		-		-		0.01	U
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	0.12	U	-		-		-		0.026	U
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	0.031	U	-		-		-		0.0065	U
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	0.025	U	-		-		-		0.0052	U
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	0.049	U	-		-		-		0.01	U
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	0.049	U	-		-		-		0.01	U
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	0.049	U	-		-		-		0.01	U
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	0.049	U	-		-		-		0.01	U
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	0.012	UJ	-		-		-		0.0026	UJ
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	0.031	U	-		-		-		0.0065	U
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	0.031	U	-		-		-		0.0065	U
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	0.037	U	-		-		-		0.0077	U
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	0.31	U	-		-		-		0.065	U
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	0.025	U	-		-		-		0.0052	U
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	0.011	J	-		-		-		0.0052	U
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	0.011	J	-		-		-		0.0052	U
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	0.61	U	-		-		-		0.13	U
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	0.038	J	-		-		-		0.1	U
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	0.098	U	-		-		-		0.1	U
8260C	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	-	-	-	0.0076	U	-		-		-		0.02	U
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	0.0015	U	-		-		-		0.004	U
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	0.003	U	-		-		-		0.0079	U
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	0.0015	U	-		-		-		0.004	U
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
						Start Depth (ft)	0		0.5		0.5		1		3	
						End Depth (ft)	0.5		1		1		2		4	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		FD		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	0.0015	U	-		-		-		0.004	U
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	0.0015	U	-		-		-		0.004	U
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.0015	U	-		-		-		0.004	U
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.0015	U	-		-		-		0.004	U
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	0.076	U	-		-		-		0.2	U
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	0.015	U	-		-		-		0.04	U
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	67-64-1	Acetone	mg/kg	-	-	100	0.03	J	-		-		-		0.2	U
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	0.0046	U	-		-		-		0.012	U
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	0.0015	U	-		-		-		0.004	U
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	75-25-2	Bromoform	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	0.0076	UJ	-		-		-		0.02	UJ
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	0.0076	U	-		-		-		0.02	U
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	0.0015	U	-		-		-		0.004	U
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	0.015	U	-		-		-		0.04	U
8260C	67-66-3	Chloroform	mg/kg	-	-	10	0.003	U	-		-		-		0.0079	U
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	0.0076	U	-		-		-		0.02	U
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	0.0015	U	-		-		-		0.004	U
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	99-87-6	Cymene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	0.015	U	-		-		-		0.04	U
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	0.015	U	-		-		-		0.04	U
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	0.0015	U	-		-		-		0.004	U
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	0.003	U	-		-		-		0.0079	U
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	0.03	U	-		-		-		0.079	U
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	0.015	U	-		-		-		0.04	U
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	0.015	U	-		-		-		0.04	U
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	0.003	U	-		-		-		0.0079	U

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
						Start Depth (ft)	0		0.5		0.5		1		3	
						End Depth (ft)	0.5		1		1		2		4	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		FD		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	100-42-5	Styrene	mg/kg	-	-	-	0.0015	U	-		-		-		0.004	U
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	0.076	U	-		-		-		0.2	U
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	0.003	U	-		-		-		0.0079	U
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	0.0015	U	-		-		-		0.004	U
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	0.0076	UJ	-		-		-		0.02	UJ
8260C	108-88-3	Toluene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	0.0015	U	-		-		-		0.004	U
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	0.00076	U	-		-		-		0.002	U
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	0.003	U	-		-		-		0.0079	U
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	0.0015	U	-		-		-		0.004	U
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	0.0076	U	-		-		-		0.02	U
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	0.0076	U	-		-		-		0.02	U
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.22	U	0.2	U	0.35		0.21	UJ	0.22	U
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.84	UJ	0.78	UJ	0.78	UJ	0.8	UJ	0.85	UJ
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.22	U	0.2	U	0.33		0.21	UJ	0.22	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		
						Start Depth (ft)	0		0.5		0.5		1		3		
						End Depth (ft)	0.5		1		1		2		4		
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022		
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0		
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268		
						Matrix	SO		SO		SO		SO		SO		
						Sample Type Code	N		N		FD		N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL											
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U	
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ	
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.84	UJ	0.78	UJ	0.78	UJ	0.8	UJ	0.85	UJ	
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.11	J	0.2	U	0.076	J	0.21	UJ	0.22	U	
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.11	J	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.16	J	0.2	U	0.099	J	0.085	J	0.12	J	
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.3	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.3	UJ	
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ	
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ	
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.22		0.08	J	0.17	J	0.078	J	0.3		
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.43	U	0.4	U	0.11	J	0.41	UJ	0.44	U	
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.23		0.2	U	0.1	J	0.089	J	0.22	U	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	*0.43*	*U*	0.4	U	0.4	U	0.41	UJ	*0.44*	*U*	
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U	
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.22	U	0.2	U	0.097	J	0.21	UJ	0.22	U	
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ	
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ	
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.15	J	0.2	UJ	0.25	J	0.21	UJ	0.32		
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.18	J	0.2	U	0.1	J	0.083	J	0.22	U	
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U	
A2540G	SOLID	Solids, Percent	%	-	-	-	79		84.9		84.7		82.5		77.4		

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		
						Start Depth (ft)	0		0.5		0.5		1		3		
						End Depth (ft)	0.5		1		1		2		4		
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022		
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0		
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268		
						Matrix	SO		SO		SO		SO		SO		
						Sample Type Code	N		N		FD		N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL											
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.63		
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	UJ	
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	0.22	J	-		-		-		0.52	U	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.1	J	-		-		-		0.52	U	
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.14	J	-		-		-		0.52	U	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.42	J	-		-		-		0.52	U	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.18	J	-		-		-		0.52	U	
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	0.86		-		-		-		0.52	U	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	0.58		-		-		-		0.52	U	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	1.1		-		-		-		0.52	U	
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	0.49	U	-		-		-		0.52	U	
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	NA		-		-		-		NA		
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	130	U	-		-		-		130	U	
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	24	J	-		-		-		130	U	
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	13	U	-		-		-		13	U	
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	320	U	-		-		-		320	U	
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	13	U	-		-		-		13	U	
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	130	U	-		-		-		130	U	
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	63	U	-		-		-		65	U	
SW8151	94-74-6	MCPA	ug/kg	-	-	-	13000	U	-		-		-		13000	U	
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	13000	U	-		-		-		13000	U	
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	13	U	-		-		-		13	U	
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	20	U	3.8	U	17	U	3.6	U	4	U	

						Location	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
						Start Depth (ft)	0		0.5		0.5		1		3			
						End Depth (ft)	0.5		1		1		2		4			
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022			
						Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0			
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268			
						Matrix	SO		SO		SO		SO		SO			
						Sample Type Code	N		N		FD		N		N			
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL												
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	2.1		-		-		-		2			
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	143		-		-		-		222			
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.056		0.05	U	0.021	J	0.05	U	0.05	U		
6010C	7440-39-3	Barium	mg/l	100	-	-	0.78		0.64		0.48	J	0.37	J	0.72			
6010C	7440-42-8	Boron	mg/l	-	-	-	0.29		-		-		-		-			
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.019		0.011		0.0074	J	0.0024	J	0.0013	J		
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.0035	J	0.0054	J	0.05	U	0.05	U	0.0026	J		
6010C	7439-92-1	Lead	mg/l	5	-	-	0.53		0.34		0.11		0.12		0.099	J		
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U		
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U		
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	8E-05	J	6.2E-05	J	0.0001	U	0.0001	U	0.0001	U		

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC 1998)

PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDOH 2022)

Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the value given, "J+"

						Location	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02					
						Start Depth (ft)	6		0		0.5		0.5		1					
						End Depth (ft)	6.5		0.5		1		1		2					
						Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022					
						Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0					
						SDG	22E0268		22E0173		22E0173		22E0173		22E0173					
						Matrix	SO		SO		SO		SO		SO					
						Sample Type Code	N		N		N		FD		N					
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL														
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	-		0.12	U	-		-		-					
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	-		*0.03*	*U*	-		-		-					
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	-		0.03	U	-		-		-					
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	-		0.03	U	-		-		-					
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	-		0.03	U	-		-		-					
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	-		0.048	U	-		-		-					
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	-		0.12	U	-		-		-					
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	-		0.03	U	-		-		-					
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	-		0.024	U	-		-		-					
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	-		0.048	U	-		-		-					
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	-		0.048	U	-		-		-					
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	-		0.048	U	-		-		-					
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	-		0.048	U	-		-		-					
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	-		0.012	UJ	-		-		-					
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	-		0.03	U	-		-		-					
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	-		0.03	U	-		-		-					
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	-		0.036	U	-		-		-					
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	-		0.3	U	-		-		-					
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	-		0.024	U	-		-		-					
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	-		0.0047	J	-		-		-					
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	-		0.0067	J	-		-		-					
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	-		0.6	U	-		-		-					
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	-		0.096	U	-		-		-					
8260C	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	mg/kg	-	-	100	-		0.0022	U	-		-		-					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-		0.0011	U	-		-		-					
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	-	-	-	-		0.011	U	-		-		-					
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	-		0.0022	U	-		-		-					
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	-		0.0044	U	-		-		-					
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	-		0.0022	U	-		-		-					
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	-		0.0022	U	-		-		-					
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	-		0.0011	U	-		-		-					
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	-		0.0022	U	-		-		-					

						Location	WVA-SB-01			WVA-SB-02			WVA-SB-02			WVA-SB-02			WVA-SB-02		
						Start Depth (ft)	6			0			0.5			0.5			1		
						End Depth (ft)	6.5			0.5			1			1			2		
						Sample Date	5/4/2022			5/3/2022			5/3/2022			5/3/2022			5/3/2022		
						Sample ID	WVA-SB-01-6.0-6.5			WVA-SB-02-0.0-0.5			WVA-SB-02-0.5-1.0			WVA-SB-02-0.5-1.0D			WVA-SB-02-1.0-2.0		
						SDG	22E0268			22E0173			22E0173			22E0173			22E0173		
						Matrix	SO			SO			SO			SO			SO		
						Sample Type Code	N			N			N			FD			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL														
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	-			0.0022	U		-			-			-		
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	-			0.0022	U		-			-			-		
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	-			0.0022	U		-			-			-		
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	-			0.0022	U		-			-			-		
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	-			0.11	U		-			-			-		
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	-			0.022	U		-			-			-		
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	67-64-1	Acetone	mg/kg	-	-	100	-			0.055	J		-			-			-		
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	-			0.0065	U		-			-			-		
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	-			0.0022	U		-			-			-		
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	75-25-2	Bromoform	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	-			0.011	U		-			-			-		
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	-			0.011	U		-			-			-		
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	-			0.0022	U		-			-			-		
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	-			0.0022	U		-			-			-		
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	-			0.022	U		-			-			-		
8260C	67-66-3	Chloroform	mg/kg	-	-	10	-			0.0044	U		-			-			-		
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	-			0.011	U		-			-			-		
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	-			0.0022	U		-			-			-		
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	99-87-6	Cymene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	-			0.022	U		-			-			-		
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	-			0.022	U		-			-			-		
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	-			0.0022	U		-			-			-		
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	-			0.0011	U		-			-			-		
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	-			0.0044	U		-			-			-		
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	-			0.044	U		-			-			-		
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	-			0.022	U		-			-			-		
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	-			0.0022	U		-			-			-		
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	-			0.022	U		-			-			-		
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	-			0.0044	U		-			-			-		

						Location	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02				
						Start Depth (ft)	6		0		0.5		0.5		1				
						End Depth (ft)	6.5		0.5		1		1		2				
						Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022				
						Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0				
						SDG	22E0268		22E0173		22E0173		22E0173		22E0173				
						Matrix	SO		SO		SO		SO		SO				
						Sample Type Code	N		N		N		FD		N				
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL													
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	100-42-5	Styrene	mg/kg	-	-	-	-		0.0022	U	-		-		-				
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	-		0.11	U	-		-		-				
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	-		0.0044	U	-		-		-				
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	-		0.0022	U	-		-		-				
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	-		0.011	U	-		-		-				
8260C	108-88-3	Toluene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	-		0.0022	U	-		-		-				
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	-		0.0011	U	-		-		-				
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	-		0.0044	U	-		-		-				
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	-		0.0022	U	-		-		-				
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	-		0.011	U	-		-		-				
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	-		0.011	U	-		-		-				
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U			
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.81	UJ	0.81	UJ	0.78	UJ	0.78	UJ	1.5	U			
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U			
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.21	U	0.21	UJ	0.2	U	0.2	U	0.38	U			
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.81	U	0.81	U	0.78	U	0.78	U	1.5	U			
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.81	U	0.81	UJ	0.78	U	0.78	U	1.5	U			
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U			
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U			

						Location	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
						Start Depth (ft)	6		0		0.5		0.5		1	
						End Depth (ft)	6.5		0.5		1		1		2	
						Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
						Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
						SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		FD		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.81	U	0.81	U	0.78	U	0.78	U	1.5	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	UJ	0.4	UJ	0.77	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.81	UJ	0.81	UJ	0.78	UJ	0.78	UJ	1.5	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.21	U	0.16	J	0.19	J	0.15	J	0.38	U
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.21	U	0.19	J	0.2	J	0.15	J	0.38	U
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.21	U	0.28		0.27		0.21		0.15	J
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.21	U	0.13	J	0.13	J	0.1	J	0.38	U
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.21	U	0.11	J	0.1	J	0.093	J	0.38	U
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	2.3	U
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	UJ	0.4	UJ	0.77	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.21	U	0.2	J	0.2		0.16	J	0.17	J
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.21	U	0.33		0.34		0.28		0.21	J
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	0.42	U	*0.42*	*U*	0.4	U	0.4	U	0.77	U
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	UJ
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.21	U	0.12	J	0.12	J	0.11	J	0.38	U
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.21	U	0.21	U	0.2	U	0.2	U	0.38	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.42	UJ	0.42	UJ	0.4	U	0.4	U	0.77	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.42	UJ	0.42	UJ	0.4	U	0.4	U	0.77	U
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.21	U	0.17	J	0.21		0.16	J	0.38	U
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.21	U	0.29		0.32		0.25		0.2	J
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U
A2540G	SOLID	Solids, Percent	%	-	-	-	81.2		81.7		84.3		84.7		83.2	

						Location	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
						Start Depth (ft)	6		0		0.5		0.5		1	
						End Depth (ft)	6.5		0.5		1		1		2	
						Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
						Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
						SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		FD		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		0.19	J	-		-		-	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		0.095	J	-		-		-	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		0.098	J	-		-		-	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		0.093	J	-		-		-	
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		0.54		-		-		-	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		0.26	J	-		-		-	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		0.11	J	-		-		-	
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		0.48	U	-		-		-	
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		30000		-		-		-	
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		120	U	-		-		-	
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		11	J	-		-		-	
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		12	U	-		-		-	
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		310	U	-		-		-	
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		12	U	-		-		-	
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		120	U	-		-		-	
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		61	U	-		-		-	
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		12000	U	-		-		-	
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		12000	U	-		-		-	
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	-		12	U	-		-		-	
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	3.7	U	20	U	18	U	17	U	3.9	U

						Location	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02				
						Start Depth (ft)	6		0		0.5		0.5		1				
						End Depth (ft)	6.5		0.5		1		1		2				
						Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022				
						Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0				
						SDG	22E0268		22E0173		22E0173		22E0173		22E0173				
						Matrix	SO		SO		SO		SO		SO				
						Sample Type Code	N		N		N		FD		N				
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL													
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		2		-		-		-				
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		182	J	-		-		-				
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.05	U	0.035	J	0.031	J	0.026	J	0.05	U			
6010C	7440-39-3	Barium	mg/l	100	-	-	0.44	J	1.2		0.99		1		0.43	J			
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		-		-		-				
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.0012	J	0.032		0.024		0.025		0.0033	J			
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.0098	J	0.0038	J	0.004	J	0.0042	J	0.0027	J			
6010C	7439-92-1	Lead	mg/l	5	-	-	0.016	J	0.46		0.69		0.72		0.12				
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0001	U	0.0001	U	0.00011		0.00014		0.0001	U			

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

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						Location	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
						Start Depth (ft)	2		3		20		21		0	
						End Depth (ft)	3		3.5		21		22		0.5	
						Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
						SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	-		-		-		-		0.0022	U
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	-		-		-		-		0.0022	U
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	-		-		-		-		0.0022	U
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	-		-		-		-		0.0022	U
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	-		-		-		-		0.11	U
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	-		-		-		-		0.022	U
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	67-64-1	Acetone	mg/kg	-	-	100	-		-		-		-		0.056	J
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	-		-		-		-		0.0067	U
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	-		-		-		-		0.0022	U
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	75-25-2	Bromoform	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	-		-		-		-		0.011	UJ
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	-		-		-		-		0.011	U
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	-		-		-		-		0.0022	U
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	-		-		-		-		0.022	U
8260C	67-66-3	Chloroform	mg/kg	-	-	10	-		-		-		-		0.0044	U
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	-		-		-		-		0.011	U
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	-		-		-		-		0.0022	U
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	99-87-6	Cymene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	-		-		-		-		0.022	U
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	-		-		-		-		0.022	U
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	-		-		-		-		0.0022	U
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	-		-		-		-		0.0044	U
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	-		-		-		-		0.044	U
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	-		-		-		-		0.022	U
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	-		-		-		-		0.022	U
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	-		-		-		-		0.0044	U

						Location	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
						Start Depth (ft)	2		3		20		21		0	
						End Depth (ft)	3		3.5		21		22		0.5	
						Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
						SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	100-42-5	Styrene	mg/kg	-	-	-	-		-		-		-		0.0022	U
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	-		-		-		-		0.11	U
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	-		-		-		-		0.0044	U
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	-		-		-		-		0.0022	U
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	-		-		-		-		0.011	UJ
8260C	108-88-3	Toluene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	-		-		-		-		0.0022	U
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	-		-		-		-		0.0011	U
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	-		-		-		-		0.0044	U
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	-		-		-		-		0.0022	U
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	-		-		-		-		0.011	U
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	-		-		-		-		0.011	U
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.78	UJ	0.78	UJ	0.74	UJ	0.76	UJ	0.87	UJ
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.78	U	0.78	U	0.74	U	0.76	U	0.87	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.78	U	0.78	U	0.74	U	0.76	U	0.87	U
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U

						Location	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
						Start Depth (ft)	2		3		20		21		0	
						End Depth (ft)	3		3.5		21		22		0.5	
						Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
						SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.78	U	0.78	U	0.74	U	0.76	U	0.87	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.4	UJ	0.4	UJ	0.38	UJ	0.39	U	0.45	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.1	J
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.78	UJ	0.78	UJ	0.74	UJ	0.76	UJ	0.87	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.11	J	0.2	U	0.19	U	0.2	U	0.84	
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.12	J	0.2	U	0.19	U	0.2	U	0.86	
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.19	J	0.074	J	0.19	U	0.2	U	1.4	
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.56	
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.2	U	0.2	U	0.19	U	0.2	U	0.58	
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.3	UJ
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.4	UJ	0.4	UJ	0.38	UJ	0.39	U	0.45	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.2	U	0.2	U	0.19	U	0.2	U	0.14	J
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.16	J	0.2	U	0.19	U	0.2	U	1.1	
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.2	U	0.2	U	0.19	U	0.2	U	0.16	J
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.22		0.2	U	0.19	U	0.2	U	2.1	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	0.4	U	0.4	U	0.38	U	0.39	U	*0.45*	*U*
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.093	J	0.2	U	0.19	U	0.2	U	0.65	
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.2	U	0.2	U	0.19	U	0.2	U	0.22	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	UJ	0.45	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.4	U	0.4	U	0.38	U	0.39	UJ	0.45	UJ
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.15	J	0.2	U	0.19	U	0.2	U	0.99	
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.19	J	0.2	U	0.19	U	0.2	U	1.6	
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
A2540G	SOLID	Solids, Percent	%	-	-	-	84.9		84.1		89.1		86.4		76.3	

						Location	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
						Start Depth (ft)	2		3		20		21		0	
						End Depth (ft)	3		3.5		21		22		0.5	
						Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
						SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		-		-		-		0.52	UJ
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		-		-		-		0.22	J
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		-		-		-		0.15	J
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		-		-		-		0.17	J
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		-		-		-		0.17	J
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		-		-		-		4.4	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		-		-		-		0.89	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		-		-		-		0.18	J
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		-		-		-		0.52	U
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		-		-		-		0.52	U
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		-		-		-		NA	
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		-		-		-		130	U
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		-		-		-		130	U
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		-		-		-		13	U
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		-		-		-		330	U
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		-		-		-		13	U
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		-		-		-		130	U
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		-		-		-		65	U
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		-		-		-		13000	U
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		-		-		-		13000	U
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	-		-		-		-		13	U
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	4.1	U	3.7	U	3.4	U	3.3	U	22	U

						Location	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
						Start Depth (ft)	2		3		20		21		0	
						End Depth (ft)	3		3.5		21		22		0.5	
						Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
						SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		-		-		-		1.8	
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		-		-		-		151	
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
6010C	7440-39-3	Barium	mg/l	100	-	-	0.35	J	0.28	J	0.76		0.4	J	0.37	J
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		-		-		-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.0021	J	0.0012	J	0.0021	J	0.002	J	0.0024	J
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.0074	J	0.0026	J	0.05	U	0.05	U	0.05	U
6010C	7439-92-1	Lead	mg/l	5	-	-	0.068	J	0.006	J	0.1	U	0.1	U	0.12	
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.0033	J	0.05	U
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

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						Location	WVA-SB-03			WVA-SB-03			WVA-SB-04			WVA-SB-04			WVA-SB-04		
						Start Depth (ft)	0.5			1			0			0.5			1		
						End Depth (ft)	1			2			0.5			1			2		
						Sample Date	5/4/2022			5/4/2022			5/4/2022			5/4/2022			5/4/2022		
						Sample ID	WVA-SB-03-0.5-1.0			WVA-SB-03-1.0-2.0			WVA-SB-04-0.0-0.5			WVA-SB-04-0.5-1.0			WVA-SB-04-1.0-2.0		
						SDG	22E0268			22E0268			22E0268			22E0268			22E0268		
						Matrix	SO			SO			SO			SO			SO		
						Sample Type Code	N			N			N			N			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL																
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	-			-			-			-			-		
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	-			-			-			-			-		
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	-			-			-			-			-		
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	-			-			-			-			-		
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	-			-			-			-			-		
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	-			-			-			-			-		
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	-			-			-			-			-		
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	-			-			-			-			-		
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	-			-			-			-			-		
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-			-			-			-			-		
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	-			-			-			-			-		
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	-			-			-			-			-		
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-			-			-			-			-		
8260C	67-64-1	Acetone	mg/kg	-	-	100	-			-			-			-			-		
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	-			-			-			-			-		
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	-			-			-			-			-		
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	-			-			-			-			-		
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	75-25-2	Bromoform	mg/kg	-	-	-	-			-			-			-			-		
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	-			-			-			-			-		
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	-			-			-			-			-		
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	-			-			-			-			-		
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	67-66-3	Chloroform	mg/kg	-	-	10	-			-			-			-			-		
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	-			-			-			-			-		
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	-			-			-			-			-		
8260C	99-87-6	Cymene	mg/kg	-	-	-	-			-			-			-			-		
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	-			-			-			-			-		
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	-			-			-			-			-		
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	-			-			-			-			-		
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	-			-			-			-			-		
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	-			-			-			-			-		
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	-			-			-			-			-		
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	-			-			-			-			-		
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	-			-			-			-			-		
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	-			-			-			-			-		
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	-			-			-			-			-		
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	-			-			-			-			-		
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	-			-			-			-			-		
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	-			-			-			-			-		
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	-			-			-			-			-		

						Location	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
						Start Depth (ft)	0.5		1		0		0.5		1	
						End Depth (ft)	1		2		0.5		1		2	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	-		-		-		-		-	
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	-		-		-		-		-	
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	-		-		-		-		-	
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	-		-		-		-		-	
8260C	100-42-5	Styrene	mg/kg	-	-	-	-		-		-		-		-	
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	-		-		-		-		-	
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	-		-		-		-		-	
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	-		-		-		-		-	
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	-		-		-		-		-	
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	-		-		-		-		-	
8260C	108-88-3	Toluene	mg/kg	-	-	100	-		-		-		-		-	
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	-		-		-		-		-	
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	-		-		-		-		-	
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	-		-		-		-		-	
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	-		-		-		-		-	
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	-		-		-		-		-	
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	-		-		-		-		-	
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.22	U	0.2	U	0.24	U	0.22	U	0.1	J
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.87	UJ	0.78	UJ	0.94	UJ	0.86	UJ	0.82	UJ
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.22	U	0.2	U	0.24	U	0.22	U	0.24	
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.22	U	0.2	U	0.24	U	0.22	U	0.21	U
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.87	U	0.78	U	0.94	U	0.86	U	0.82	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.87	U	0.78	U	0.94	U	0.86	U	0.82	U
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U

						Location	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
						Start Depth (ft)	0.5		1		0		0.5		1	
						End Depth (ft)	1		2		0.5		1		2	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
						Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.87	U	0.78	U	0.94	U	0.86	U	0.82	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.22	U	0.2	U	0.24	U	0.22	U	0.21	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.22	U	0.2	U	0.24	U	0.22	U	0.15	J
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.11	J	0.2	U	0.24	U	0.22	U	0.09	J
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.87	UJ	0.78	UJ	0.94	UJ	0.86	UJ	0.82	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.74		0.2	U	0.5		0.34		0.75	
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.79		0.07	J	0.65		0.39		0.71	
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	1.3		0.12	J	1.2		0.61		1.1	
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.53		0.2	U	0.63		0.34		0.51	
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.47		0.2	U	0.4		0.23		0.44	
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.3	UJ	1.2	UJ	1.4	UJ	1.3	UJ	1.2	UJ
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.14	J	0.2	U	0.24	U	0.22	U	0.21	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.95		0.12	J	0.72		0.48		0.98	
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.13	J	0.2	U	0.13	J	0.093	J	0.15	J
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.45	U	0.4	U	0.48	U	0.44	U	0.088	J
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	1.9		0.11	J	1.2		0.64		1.4	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.22	U	0.2	U	0.24	U	0.22	U	0.21	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.54		0.2	U	0.62		0.35		0.57	
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.22	U	0.2	U	0.24	U	0.09	J	0.26	
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	1		0.085	J	0.41		0.31		0.7	
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	1.4		0.098	J	0.92		0.55		1.1	
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
A2540G	SOLID	Solids, Percent	%	-	-	-	75.6		84.9		70.3		76.9		80.7	

						Location	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04					
						Start Depth (ft)	0.5		1		0		0.5		1					
						End Depth (ft)	1		2		0.5		1		2					
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022					
						Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0					
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268					
						Matrix	SO		SO		SO		SO		SO					
						Sample Type Code	N		N		N		N		N					
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL														
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		-		-					
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		-		-		-		-					
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		-		-		-					
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		-		-		-		-					
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		-		-		-		-					
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		-		-		-		-					
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		-		-		-		-					
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		-		-		-		-					
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		-		-		-		-					
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		-		-		-		-					
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		-		-		-		-					
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		-		-		-		-					
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		-		-		-		-					
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		-		-		-		-					
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		-		-		-		-					
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		-		-		-		-					
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		-		-		-		-					
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		-		-		-		-					
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		-		-		-		-					
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		-		-		-		-					
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		-		-		-		-					
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		-		-		-		-					
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		-		-		-		-					
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		-		-		-		-					
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		-		-		-		-					
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		-		-		-		-					
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		-		-		-		-					
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		-		-		-		-					
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		-		-		-		-					
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		-		-		-		-					
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		-		-		-		-					
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		-		-		-		-					
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		-		-		-		-					
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		-		-		-		-					
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		-		-		-		-					
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		-		-		-		-					
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		-		-		-		-					
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	-		-		-		-		-					
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	20	U	17	U	12	J	61		20	U				

Table 3
[redacted] Woodview Avenue
e Characterization
Subsurface Soil Analytical Results

						Location	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04				
						Start Depth (ft)	0.5		1		0		0.5		1				
						End Depth (ft)	1		2		0.5		1		2				
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022				
						Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0				
						SDG	22E0268		22E0268		22E0268		22E0268		22E0268				
						Matrix	SO		SO		SO		SO		SO				
						Sample Type Code	N		N		N		N		N				
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL													
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		-		-		-		-				
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		-		-		-		-				
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.045	J	0.069		0.03	J	0.17		0.054				
6010C	7440-39-3	Barium	mg/l	100	-	-	0.86		0.73		0.54		1.2		0.98				
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		-		-		-				
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.021		0.052		0.014		0.038		0.018				
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.05	U	0.0032	J	0.05	U	0.004	J	0.0051	J			
6010C	7439-92-1	Lead	mg/l	5	-	-	0.2		0.26		0.084	J	0.66		0.64				
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U			
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0017		0.0001	U	0.0001	U	0.0001	U	0.0001	U			

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

						Location	WVA-SB-05			WVA-SB-05			WVA-SB-05			WVA-SB-06			WVA-SB-06		
						Start Depth (ft)	0			0.5			1			0			0.5		
						End Depth (ft)	0.5			1			2			0.5			1		
						Sample Date	5/4/2022			5/4/2022			5/4/2022			5/5/2022			5/5/2022		
						Sample ID	WVA-SB-05-0.0-0.5			WVA-SB-05-0.5-1.0			WVA-SB-05-1.0-2.0			WVA-SB-06-0.0-0.5			WVA-SB-06-0.5-1.0		
						SDG	22E0268			22E0268			22E0268			22E0362			22E0362		
						Matrix	SO			SO			SO			SO			SO		
						Sample Type Code	N			N			N			N			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL														
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	-			-			0.025	U		-			-		
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	-			-			0.0062	U		-			-		
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	-			-			0.0062	U		-			-		
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	-			-			0.0062	U		-			-		
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	-			-			0.0062	U		-			-		
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	-			-			0.0099	U		-			-		
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	-			-			0.025	U		-			-		
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	-			-			0.0062	U		-			-		
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	-			-			0.0049	U		-			-		
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	-			-			0.0099	U		-			-		
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	-			-			0.0099	U		-			-		
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	-			-			0.0099	U		-			-		
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	-			-			0.0099	U		-			-		
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	-			-			0.0025	UJ		-			-		
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	-			-			0.0062	U		-			-		
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	-			-			0.0062	U		-			-		
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	-			-			0.0074	U		-			-		
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	-			-			0.062	U		-			-		
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	-			-			0.0049	U		-			-		
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	-			-			0.0019	J		-			-		
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	-			-			0.0016	J		-			-		
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	-			-			0.12	U		-			-		
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	-			-			0.099	U		-			-		
8260C	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	mg/kg	-	-	100	-			-			0.0017	U		-			-		
8260C	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	-	-	-	-			-			0.0083	U		-			-		
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	-			-			0.0017	U		-			-		
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	-			-			0.0033	U		-			-		
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	-			-			0.0017	U		-			-		
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	-			-			0.0017	U		-			-		

						Location	WVA-SB-05			WVA-SB-05			WVA-SB-05			WVA-SB-06			WVA-SB-06		
						Start Depth (ft)	0			0.5			1			0			0.5		
						End Depth (ft)	0.5			1			2			0.5			1		
						Sample Date	5/4/2022			5/4/2022			5/4/2022			5/5/2022			5/5/2022		
						Sample ID	WVA-SB-05-0.0-0.5			WVA-SB-05-0.5-1.0			WVA-SB-05-1.0-2.0			WVA-SB-06-0.0-0.5			WVA-SB-06-0.5-1.0		
						SDG	22E0268			22E0268			22E0268			22E0362			22E0362		
						Matrix	SO			SO			SO			SO			SO		
						Sample Type Code	N			N			N			N			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL															
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	-			-			0.0017	U		-			-		
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	-			-			0.0017	U		-			-		
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	-			-			0.0017	U		-			-		
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	-			-			0.0017	U		-			-		
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	-			-			0.083	U		-			-		
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	-			-			0.017	U		-			-		
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	67-64-1	Acetone	mg/kg	-	-	100	-			-			0.025	J		-			-		
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	-			-			0.005	U		-			-		
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	-			-			0.0017	U		-			-		
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	75-25-2	Bromoform	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	-			-			0.0083	UJ		-			-		
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	-			-			0.0083	U		-			-		
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	-			-			0.0017	U		-			-		
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	-			-			0.0017	U		-			-		
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	-			-			0.017	U		-			-		
8260C	67-66-3	Chloroform	mg/kg	-	-	10	-			-			0.0033	U		-			-		
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	-			-			0.0083	U		-			-		
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	-			-			0.0017	U		-			-		
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	99-87-6	Cymene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	-			-			0.017	U		-			-		
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	-			-			0.017	U		-			-		
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	-			-			0.0017	U		-			-		
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	-			-			0.00083	U		-			-		
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	-			-			0.0033	U		-			-		
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	-			-			0.033	U		-			-		
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	-			-			0.017	U		-			-		
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	-			-			0.0017	U		-			-		
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	-			-			0.017	U		-			-		
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	-			-			0.0033	U		-			-		

						Location	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
						Start Depth (ft)	0		0.5		1		0		0.5	
						End Depth (ft)	0.5		1		2		0.5		1	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
						SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	100-42-5	Styrene	mg/kg	-	-	-	-		-		0.0017	U	-		-	
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	-		-		0.083	U	-		-	
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	-		-		0.0033	U	-		-	
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	-		-		0.0017	U	-		-	
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	-		-		0.0083	UJ	-		-	
8260C	108-88-3	Toluene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	-		-		0.0017	U	-		-	
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	-		-		0.00083	U	-		-	
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	-		-		0.0033	U	-		-	
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	-		-		0.0017	U	-		-	
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	-		-		0.0083	U	-		-	
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	-		-		0.0083	U	-		-	
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.8	UJ	0.8	UJ	0.82	UJ	0.86	UJ	0.82	UJ
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.8	U	0.8	U	0.82	U	0.86	U	0.82	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.8	U	0.8	U	0.82	U	0.86	U	0.82	UJ
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U

						Location	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
						Start Depth (ft)	0		0.5		1		0		0.5	
						End Depth (ft)	0.5		1		2		0.5		1	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
						SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.8	U	0.8	U	0.82	U	0.86	U	0.82	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.15	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.8	UJ	0.8	UJ	0.82	UJ	0.86	UJ	0.82	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.87		0.21		0.14	J	0.22	U	0.11	J
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.87		0.25		0.18	J	0.084	J	0.089	J
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	1.3		0.36		0.3		0.15	J	0.13	J
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.7		0.19	J	0.13	J	0.22	U	0.21	U
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.48		0.13	J	0.099	J	0.22	U	0.21	U
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	UJ	1.2	UJ	1.2	UJ	1.3	U	1.2	U
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.1	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	1		0.29		0.22		0.12	J	0.13	J
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.19	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	2		0.49		0.31		0.14	J	0.18	J
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	0.41	U	0.41	U	*0.42*	*U*	0.44	U	0.42	U
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	UJ	0.42	UJ
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.73		0.18	J	0.14	J	0.22	U	0.21	U
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.41	UJ	0.41	UJ	0.42	UJ	0.44	U	0.42	U
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.92		0.26		0.15	J	0.22	U	0.11	J
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	1.6		0.43		0.26		0.13	J	0.17	J
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.41	U	0.41	U	0.42	U	0.44	U	0.42	UJ
A2540G	SOLID	Solids, Percent	%	-	-	-	82.3		82.1		80.9		76.7		80.5	

						Location	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
						Start Depth (ft)	0		0.5		1		0		0.5	
						End Depth (ft)	0.5		1		2		0.5		1	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
						SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		-		0.19	J	-		-	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		-		0.5	U	-		-	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		-		0.5	U	-		-	
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		-		NA		-		-	
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		-		120	U	-		-	
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		-		120	U	-		-	
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		-		12	U	-		-	
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		-		310	U	-		-	
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		-		12	U	-		-	
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		-		120	U	-		-	
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		-		62	U	-		-	
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		-		24000		-		-	
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		-		12000	U	-		-	
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	-		-		12	U	-		-	
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	22	U	19	U	3.5	U	10	J	18	U

						Location	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
						Start Depth (ft)	0		0.5		1		0		0.5	
						End Depth (ft)	0.5		1		2		0.5		1	
						Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
						SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		-		1.7		-		-	
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		-		84.3	J	-		-	
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.05	U	0.0071	J	0.05	U	0.019	J	0.05	U
6010C	7440-39-3	Barium	mg/l	100	-	-	0.76		0.7		0.47	J	0.69		0.58	
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		0.2		-		-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.017		0.023		0.0089	J	0.017		0.012	
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.05	U	0.0031	J	0.05	U	0.05	U	0.05	U
6010C	7439-92-1	Lead	mg/l	5	-	-	0.16		0.22		0.43		0.074	J	0.051	J
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.05	U	0.037	J	0.031	J
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

							Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
							Start Depth (ft)	1		0		0.5		1		0	
							End Depth (ft)	2		0.5		1		2		0.5	
							Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
							Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
							SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
							Matrix	SO		SO		SO		SO		SO	
							Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL											
8081B	15972-60-8	Alachlor	mg/kg	-	-	-		0.023	U	-		-		-		-	
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*		0.0057	U	-		-		-		-	
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097		0.0057	U	-		-		-		-	
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8		0.0057	U	-		-		-		-	
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072		0.0057	U	-		-		-		-	
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8		0.0092	U	-		-		-		-	
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91		0.023	U	-		-		-		-	
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100		0.0057	U	-		-		-		-	
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039		0.0046	U	-		-		-		-	
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8		0.0092	U	-		-		-		-	
8081B	72-20-8	Endrin	mg/kg	-	-	2.2		0.0092	U	-		-		-		-	
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-		0.0092	U	-		-		-		-	
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-		0.0092	U	-		-		-		-	
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28		0.0023	UJ	-		-		-		-	
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42		0.0057	U	-		-		-		-	
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-		0.0057	U	-		-		-		-	
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33		0.0069	U	-		-		-		-	
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-		0.057	U	-		-		-		-	
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6		0.0027	J	-		-		-		-	
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8		0.0022	J	-		-		-		-	
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7		0.0018	J	-		-		-		-	
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-		0.11	U	-		-		-		-	
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1		0.092	U	-		-		-		-	
8260C	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	mg/kg	-	-	100		0.0024	U	-		-		-		-	
8260C	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	-	-	-		0.0012	U	-		-		-		-	
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	-	-	-		0.012	U	-		-		-		-	
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19		0.0024	U	-		-		-		-	
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100		0.0048	U	-		-		-		-	
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47		0.0024	U	-		-		-		-	
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-		0.0024	U	-		-		-		-	
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-		0.0012	U	-		-		-		-	
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100		0.0024	U	-		-		-		-	

						Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08				
						Start Depth (ft)	1		0		0.5		1		0				
						End Depth (ft)	2		0.5		1		2		0.5				
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022				
						Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5				
						SDG	22E0362		22E0362		22E0362		22E0362		22E0362				
						Matrix	SO		SO		SO		SO		SO				
						Sample Type Code	N		N		N		N		N				
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL													
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	0.0024	U	-		-		-		-				
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	0.0024	U	-		-		-		-				
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.0024	U	-		-		-		-				
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.0024	U	-		-		-		-				
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	0.12	U	-		-		-		-				
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	0.024	U	-		-		-		-				
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	67-64-1	Acetone	mg/kg	-	-	100	0.04	J	-		-		-		-				
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	0.0072	U	-		-		-		-				
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	0.0024	U	-		-		-		-				
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	75-25-2	Bromoform	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	0.012	U	-		-		-		-				
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	0.012	U	-		-		-		-				
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	0.0024	U	-		-		-		-				
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	0.0024	U	-		-		-		-				
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	0.024	U	-		-		-		-				
8260C	67-66-3	Chloroform	mg/kg	-	-	10	0.0048	U	-		-		-		-				
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	0.012	U	-		-		-		-				
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	0.0024	U	-		-		-		-				
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	99-87-6	Cymene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	0.024	U	-		-		-		-				
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	0.024	U	-		-		-		-				
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	0.0024	U	-		-		-		-				
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	0.0012	U	-		-		-		-				
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	0.0048	U	-		-		-		-				
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	0.048	U	-		-		-		-				
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	0.024	U	-		-		-		-				
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	0.0024	U	-		-		-		-				
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	0.024	U	-		-		-		-				
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	0.0048	U	-		-		-		-				

						Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08		
						Start Depth (ft)	1		0		0.5		1		0		
						End Depth (ft)	2		0.5		1		2		0.5		
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022		
						Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5		
						SDG	22E0362		22E0362		22E0362		22E0362		22E0362		
						Matrix	SO		SO		SO		SO		SO		
						Sample Type Code	N		N		N		N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL											
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	100-42-5	Styrene	mg/kg	-	-	-	0.0024	U	-		-		-		-		
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	0.12	U	-		-		-		-		
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	0.0048	U	-		-		-		-		
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	0.0024	U	-		-		-		-		
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	0.012	U	-		-		-		-		
8260C	108-88-3	Toluene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	0.0024	U	-		-		-		-		
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	0.0012	U	-		-		-		-		
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	0.0048	U	-		-		-		-		
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	0.0024	U	-		-		-		-		
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	0.012	U	-		-		-		-		
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	0.012	U	-		-		-		-		
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.41	U	0.44	U	0.41	UJ	0.4	UJ	0.45	UJ	
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U	
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.79	UJ	0.85	UJ	0.8	U	0.78	U	0.87	U	
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U	
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.41	U	0.44	U	0.41	UJ	0.4	UJ	0.45	UJ	
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U	
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.79	U	0.85	U	0.8	U	0.78	U	0.87	U	
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.79	U	0.85	U	0.8	U	0.78	U	0.87	U	
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U	

						Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
						Start Depth (ft)	1		0		0.5		1		0	
						End Depth (ft)	2		0.5		1		2		0.5	
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
						SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.79	U	0.85	U	0.8	U	0.78	U	0.87	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.79	UJ	0.85	UJ	0.8	UJ	0.78	UJ	0.87	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.15	J	0.22	U	0.21	U	0.2	U	0.11	J
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.16	J	0.097	J	0.21	U	0.2	U	0.13	J
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.21		0.17	J	0.21	U	0.2	U	0.21	J
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.088	J	0.22	U	0.21	U	0.2	U	0.12	J
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.084	J	0.22	U	0.21	U	0.2	U	0.08	J
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	U	1.3	U	1.2	U	1.2	U	1.3	U
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.41	U	0.44	U	0.41	UJ	0.4	UJ	0.45	UJ
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.21		0.11	J	0.21	U	0.2	U	0.16	J
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.2	J	0.15	J	0.21	U	0.2	U	0.24	
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	*0.41*	*U*	0.44	U	0.41	U	0.4	U	0.45	U
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.41	UJ	0.44	UJ	0.41	U	0.4	U	0.45	U
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.1	J	0.22	U	0.21	U	0.2	U	0.12	J
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.2	U	0.22	U	0.21	U	0.2	U	0.11	J
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.19	J	0.14	J	0.21	U	0.2	U	0.21	J
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
A2540G	SOLID	Solids, Percent	%	-	-	-	83.6		77.7		82.5		84.2		75.8	

						Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08		
						Start Depth (ft)	1		0		0.5		1		0		
						End Depth (ft)	2		0.5		1		2		0.5		
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022		
						Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5		
						SDG	22E0362		22E0362		22E0362		22E0362		22E0362		
						Matrix	SO		SO		SO		SO		SO		
						Sample Type Code	N		N		N		N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL											
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	2.2		-		-		-		-		
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.46	UJ	-		-		-		-		
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	0.46	U	-		-		-		-		
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	0.46	U	-		-		-		-		
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	0.46	U	-		-		-		-		
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	NA		-		-		-		-		
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	120	U	-		-		-		-		
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	120	U	-		-		-		-		
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	12	U	-		-		-		-		
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	300	U	-		-		-		-		
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	12	U	-		-		-		-		
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	120	U	-		-		-		-		
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	59	U	-		-		-		-		
SW8151	94-74-6	MCPA	ug/kg	-	-	-	11000	J	-		-		-		-		
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	3300	J	-		-		-		-		
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	12	U	-		-		-		-		
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	3.6	U	19	U	3.6	U	3.6	U	19	U	

						Location	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
						Start Depth (ft)	1		0		0.5		1		0	
						End Depth (ft)	2		0.5		1		2		0.5	
						Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
						Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
						SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
						Matrix	SO		SO		SO		SO		SO	
						Sample Type Code	N		N		N		N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL										
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	1.8		-		-		-		-	
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	90.6	J	-		-		-		-	
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.05	U	0.017	J	0.05	U	0.05	U	0.039	J
6010C	7440-39-3	Barium	mg/l	100	-	-	0.96		0.56		0.45	J	0.3	J	0.7	
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-		-		-		-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.0028	J	0.013		0.0039	J	0.0022	J	0.015	
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.0041	J	0.0026	J	0.0053	J	0.05	U	0.05	U
6010C	7439-92-1	Lead	mg/l	5	-	-	0.1	U	0.11		0.1	U	0.1	U	0.13	
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.05	U	0.033	J	0.032	J	0.032	J
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO

Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

						Location	WVA-SB-08			WVA-SB-08		
						Start Depth (ft)	0.5			1		
						End Depth (ft)	1			2		
						Sample Date	5/5/2022			5/5/2022		
						Sample ID	WVA-SB-08-0.5-1.0			WVA-SB-08-1.0-2.0		
						SDG	22E0362			22E0362		
						Matrix	SO			SO		
						Sample Type Code	N			N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL						
8081B	15972-60-8	Alachlor	mg/kg	-	-	-	NA			0.023	U	
8081B	309-00-2	Aldrin	mg/kg	-	-	*0.019*	NA			0.0058	U	
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	-	-	0.097	NA			0.0058	U	
8081B	959-98-8	Alpha Endosulfan	mg/kg	-	-	4.8	NA			0.0058	U	
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	-	-	0.072	NA			0.0058	U	
8081B	33213-65-9	Beta Endosulfan	mg/kg	-	-	4.8	NA			0.0093	U	
8081B	57-74-9	Chlordane	mg/kg	-	-	0.91	NA			0.023	U	
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	-	-	100	NA			0.0058	U	
8081B	60-57-1	Dieldrin	mg/kg	-	-	0.039	NA			0.0047	U	
8081B	1031-07-8	Endosulfan Sulfate	mg/kg	-	-	4.8	NA			0.0093	U	
8081B	72-20-8	Endrin	mg/kg	-	-	2.2	NA			0.0093	U	
8081B	7421-93-4	Endrin Aldehyde	mg/kg	-	-	-	NA			0.0093	U	
8081B	53494-70-5	Endrin Ketone	mg/kg	-	-	-	NA			0.0093	U	
8081B	58-89-9	Gamma Bhc (Lindane)	mg/kg	-	-	0.28	NA			0.0023	UJ	
8081B	76-44-8	Heptachlor	mg/kg	-	-	0.42	NA			0.0058	U	
8081B	1024-57-3	Heptachlor Epoxide	mg/kg	-	-	-	NA			0.0058	U	
8081B	118-74-1	Hexachlorobenzene	mg/kg	-	-	0.33	NA			0.007	U	
8081B	72-43-5	Methoxychlor	mg/kg	-	-	-	NA			0.058	U	
8081B	72-54-8	P,P'-DDD	mg/kg	-	-	2.6	NA			0.0047	U	
8081B	72-55-9	P,P'-DDE	mg/kg	-	-	1.8	NA			0.0085		
8081B	50-29-3	P,P'-DDT	mg/kg	-	-	1.7	NA			0.0073		
8081B	8001-35-2	Toxaphene	mg/kg	-	-	-	NA			0.12	U	
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	mg/kg	-	-	1	NA			0.093	U	
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	mg/kg	-	-	1	NA			0.093	U	
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	mg/kg	-	-	1	NA			0.093	U	
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	mg/kg	-	-	1	NA			0.093	U	
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	mg/kg	-	-	1	NA			0.093	U	
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	mg/kg	-	-	1	NA			0.093	U	
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	mg/kg	-	-	1	NA			0.093	U	
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	mg/kg	-	-	1	NA			0.093	U	
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	mg/kg	-	-	1	NA			0.093	U	
8260C	630-20-6	1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	NA			0.0023	U	
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	mg/kg	-	-	100	NA			0.0023	U	
8260C	79-34-5	1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	NA			0.0012	U	
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	-	-	-	NA			0.012	U	
8260C	79-00-5	1,1,2-Trichloroethane	mg/kg	-	-	-	NA			0.0023	U	
8260C	75-34-3	1,1-Dichloroethane	mg/kg	-	-	19	NA			0.0023	U	
8260C	75-35-4	1,1-Dichloroethene	mg/kg	-	-	100	NA			0.0047	U	
8260C	563-58-6	1,1-Dichloropropene	mg/kg	-	-	-	NA			0.0023	U	
8260C	87-61-6	1,2,3-Trichlorobenzene	mg/kg	-	-	-	NA			0.0023	U	
8260C	96-18-4	1,2,3-Trichloropropane	mg/kg	-	-	-	NA			0.0023	U	
8260C	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	NA			0.0023	U	
8260C	95-63-6	1,2,4-Trimethylbenzene	mg/kg	-	-	47	NA			0.0023	U	
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	mg/kg	-	-	-	NA			0.0023	U	
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	-	-	-	NA			0.0012	U	
8260C	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	NA			0.0023	U	

						Location	WVA-SB-08		WVA-SB-08		
						Start Depth (ft)	0.5		1		
						End Depth (ft)	1		2		
						Sample Date	5/5/2022		5/5/2022		
						Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		
						SDG	22E0362		22E0362		
						Matrix	SO		SO		
						Sample Type Code	N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL					
8260C	107-06-2	1,2-Dichloroethane	mg/kg	-	-	2.3	NA		0.0023	U	
8260C	78-87-5	1,2-Dichloropropane	mg/kg	-	-	-	NA		0.0023	U	
8260C	108-70-3	1,3,5-Trichlorobenzene	mg/kg	-	-	-	NA		0.0023	U	
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	-	-	47	NA		0.0023	U	
8260C	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	NA		0.0023	U	
8260C	142-28-9	1,3-Dichloropropane	mg/kg	-	-	-	NA		0.0012	U	
8260C	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	NA		0.0023	U	
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	mg/kg	-	-	9.8	NA		0.12	U	
8260C	594-20-7	2,2-Dichloropropane	mg/kg	-	-	-	NA		0.0023	U	
8260C	95-49-8	2-Chlorotoluene	mg/kg	-	-	-	NA		0.0023	U	
8260C	591-78-6	2-Hexanone	mg/kg	-	-	-	NA		0.023	U	
8260C	994-05-8	2-Methoxy-2-Methylbutane	mg/kg	-	-	-	NA		0.0012	U	
8260C	106-43-4	4-Chlorotoluene	mg/kg	-	-	-	NA		0.0023	U	
8260C	67-64-1	Acetone	mg/kg	-	-	100	NA		0.052	J	
8260C	107-13-1	Acrylonitrile	mg/kg	-	-	-	NA		0.007	U	
8260C	71-43-2	Benzene	mg/kg	-	-	2.9	NA		0.0023	U	
8260C	108-86-1	Bromobenzene	mg/kg	-	-	-	NA		0.0023	U	
8260C	74-97-5	Bromochloromethane	mg/kg	-	-	-	NA		0.0023	U	
8260C	75-27-4	Bromodichloromethane	mg/kg	-	-	-	NA		0.0023	U	
8260C	75-25-2	Bromoform	mg/kg	-	-	-	NA		0.0023	U	
8260C	74-83-9	Bromomethane	mg/kg	-	-	-	NA		0.012	U	
8260C	75-15-0	Carbon Disulfide	mg/kg	-	-	-	NA		0.012	U	
8260C	56-23-5	Carbon Tetrachloride	mg/kg	-	-	1.4	NA		0.0023	U	
8260C	108-90-7	Chlorobenzene	mg/kg	-	-	100	NA		0.0023	U	
8260C	75-00-3	Chloroethane	mg/kg	-	-	-	NA		0.023	U	
8260C	67-66-3	Chloroform	mg/kg	-	-	10	NA		0.0047	U	
8260C	74-87-3	Chloromethane	mg/kg	-	-	-	NA		0.012	U	
8260C	156-59-2	Cis-1,2-Dichloroethylene	mg/kg	-	-	59	NA		0.0023	U	
8260C	10061-01-5	Cis-1,3-Dichloropropene	mg/kg	-	-	-	NA		0.0012	U	
8260C	99-87-6	Cymene	mg/kg	-	-	-	NA		0.0023	U	
8260C	124-48-1	Dibromochloromethane	mg/kg	-	-	-	NA		0.0012	U	
8260C	74-95-3	Dibromomethane	mg/kg	-	-	-	NA		0.0023	U	
8260C	75-71-8	Dichlorodifluoromethane	mg/kg	-	-	-	NA		0.023	U	
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	mg/kg	-	-	-	NA		0.023	U	
8260C	637-92-3	Ethyl Tert-Butyl Ether	mg/kg	-	-	-	NA		0.0012	U	
8260C	100-41-4	Ethylbenzene	mg/kg	-	-	30	NA		0.0023	U	
8260C	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	NA		0.0023	U	
8260C	108-20-3	Isopropyl Ether	mg/kg	-	-	-	NA		0.0012	U	
8260C	98-82-8	Isopropylbenzene (Cumene)	mg/kg	-	-	-	NA		0.0023	U	
8260C	179601-23-1	m,p-Xylene	mg/kg	-	-	100	NA		0.0047	U	
8260C	79-20-9	Methyl Acetate	mg/kg	-	-	-	NA		0.0023	U	
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	mg/kg	-	-	100	NA		0.047	U	
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	-	-	-	NA		0.023	U	
8260C	108-87-2	Methylcyclohexane	mg/kg	-	-	-	NA		0.0023	U	
8260C	75-09-2	Methylene Chloride	mg/kg	-	-	51	NA		0.023	U	
8260C	91-20-3	Naphthalene	mg/kg	-	-	100	NA		0.0047	U	

						Location	WVA-SB-08		WVA-SB-08	
						Start Depth (ft)	0.5		1	
						End Depth (ft)	1		2	
						Sample Date	5/5/2022		5/5/2022	
						Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0	
						SDG	22E0362		22E0362	
						Matrix	SO		SO	
						Sample Type Code	N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL				
8260C	104-51-8	N-Butylbenzene	mg/kg	-	-	100	NA		0.0023	U
8260C	103-65-1	N-Propylbenzene	mg/kg	-	-	100	NA		0.0023	U
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	mg/kg	-	-	100	NA		0.0023	U
8260C	135-98-8	Sec-Butylbenzene	mg/kg	-	-	100	NA		0.0023	U
8260C	100-42-5	Styrene	mg/kg	-	-	-	NA		0.0023	U
8260C	98-06-6	T-Butylbenzene	mg/kg	-	-	100	NA		0.0023	U
8260C	75-65-0	Tert-Butyl Alcohol	mg/kg	-	-	-	NA		0.12	U
8260C	1634-04-4	Tert-Butyl Methyl Ether	mg/kg	-	-	62	NA		0.0047	U
8260C	127-18-4	Tetrachloroethylene (PCE)	mg/kg	-	-	5.5	NA		0.0023	U
8260C	109-99-9	Tetrahydrofuran	mg/kg	-	-	-	NA		0.012	U
8260C	108-88-3	Toluene	mg/kg	-	-	100	NA		0.0023	U
8260C	156-60-5	Trans-1,2-Dichloroethene	mg/kg	-	-	100	NA		0.0023	U
8260C	10061-02-6	Trans-1,3-Dichloropropene	mg/kg	-	-	-	NA		0.0012	U
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	mg/kg	-	-	-	NA		0.0047	U
8260C	79-01-6	Trichloroethylene (TCE)	mg/kg	-	-	10	NA		0.0023	U
8260C	75-69-4	Trichlorofluoromethane	mg/kg	-	-	-	NA		0.012	U
8260C	75-01-4	Vinyl Chloride	mg/kg	-	-	0.21	NA		0.012	U
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	120-82-1	1,2,4-Trichlorobenzene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	95-50-1	1,2-Dichlorobenzene	mg/kg	-	-	100	0.42	U	0.4	U
8270D	122-66-7	1,2-Diphenylhydrazine	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	541-73-1	1,3-Dichlorobenzene	mg/kg	-	-	17	0.42	U	0.4	U
8270D	106-46-7	1,4-Dichlorobenzene	mg/kg	-	-	9.8	0.42	U	0.4	U
8270D	90-12-0	1-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.2	U
8270D	95-95-4	2,4,5-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	88-06-2	2,4,6-Trichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	120-83-2	2,4-Dichlorophenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	105-67-9	2,4-Dimethylphenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	51-28-5	2,4-Dinitrophenol	mg/kg	-	-	-	0.81	U	0.77	U
8270D	121-14-2	2,4-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	606-20-2	2,6-Dinitrotoluene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	91-58-7	2-Chloronaphthalene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	95-57-8	2-Chlorophenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	91-57-6	2-Methylnaphthalene	mg/kg	-	-	-	0.21	U	0.2	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	mg/kg	-	-	100	0.42	U	0.4	U
8270D	88-74-4	2-Nitroaniline	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	88-75-5	2-Nitrophenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	mg/kg	-	-	-	0.42	U	0.4	U
8270D	91-94-1	3,3'-Dichlorobenzidine	mg/kg	-	-	-	0.21	U	0.2	U
8270D	99-09-2	3-Nitroaniline	mg/kg	-	-	-	0.42	U	0.4	U
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	mg/kg	-	-	-	0.42	U	0.4	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.4	U
8270D	59-50-7	4-Chloro-3-Methylphenol	mg/kg	-	-	-	0.81	U	0.77	U
8270D	106-47-8	4-Chloroaniline	mg/kg	-	-	-	0.81	U	0.77	U
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	mg/kg	-	-	-	0.42	U	0.4	U
8270D	100-01-6	4-Nitroaniline	mg/kg	-	-	-	0.42	U	0.4	U

						Location	WVA-SB-08		WVA-SB-08	
						Start Depth (ft)	0.5		1	
						End Depth (ft)	1		2	
						Sample Date	5/5/2022		5/5/2022	
						Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0	
						SDG	22E0362		22E0362	
						Matrix	SO		SO	
						Sample Type Code	N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL				
8270D	100-02-7	4-Nitrophenol	mg/kg	-	-	-	0.81	U	0.77	U
8270D	83-32-9	Acenaphthene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	208-96-8	Acenaphthylene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	98-86-2	Acetophenone	mg/kg	-	-	-	0.42	U	0.4	U
8270D	62-53-3	Aniline	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	120-12-7	Anthracene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	92-87-5	Benzidine	mg/kg	-	-	-	0.81	UJ	0.77	UJ
8270D	56-55-3	Benzo(A)Anthracene	mg/kg	-	-	1	0.21	U	0.2	U
8270D	50-32-8	Benzo(A)Pyrene	mg/kg	-	-	1	0.21	U	0.2	U
8270D	205-99-2	Benzo(B)Fluoranthene	mg/kg	-	-	1	0.075	J	0.2	U
8270D	191-24-2	Benzo(G,H,I)Perylene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	207-08-9	Benzo(K)Fluoranthene	mg/kg	-	-	1	0.21	U	0.2	U
8270D	65-85-0	Benzoic Acid	mg/kg	-	-	-	1.2	U	1.2	U
8270D	85-68-7	Benzyl Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	mg/kg	-	-	-	0.42	U	0.4	U
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	86-74-8	Carbazole	mg/kg	-	-	-	0.21	U	0.2	U
8270D	218-01-9	Chrysene	mg/kg	-	-	1	0.21	U	0.2	U
8270D	53-70-3	Dibenz(A,H)Anthracene	mg/kg	-	-	0.33	0.21	U	0.2	U
8270D	132-64-9	Dibenzofuran	mg/kg	-	-	14	0.42	U	0.4	U
8270D	84-66-2	Diethyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	131-11-3	Dimethyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	84-74-2	Di-N-Butyl Phthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	117-84-0	Di-N-Octylphthalate	mg/kg	-	-	-	0.42	U	0.4	U
8270D	206-44-0	Fluoranthene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	86-73-7	Fluorene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	118-74-1	Hexachlorobenzene	mg/kg	-	-	*0.33*	0.42	U	0.4	U
8270D	87-68-3	Hexachlorobutadiene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	77-47-4	Hexachlorocyclopentadiene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	67-72-1	Hexachloroethane	mg/kg	-	-	-	0.42	U	0.4	U
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	mg/kg	-	-	0.5	0.21	U	0.2	U
8270D	78-59-1	Isophorone	mg/kg	-	-	-	0.42	U	0.4	U
8270D	91-20-3	Naphthalene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	98-95-3	Nitrobenzene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	62-75-9	N-Nitrosodimethylamine	mg/kg	-	-	-	0.42	UJ	0.4	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	mg/kg	-	-	-	0.42	U	0.4	U
8270D	86-30-6	N-Nitrosodiphenylamine	mg/kg	-	-	-	0.42	U	0.4	U
8270D	82-68-8	Pentachloronitrobenzene	mg/kg	-	-	-	0.42	U	0.4	U
8270D	87-86-5	Pentachlorophenol	mg/kg	-	-	2.4	0.42	U	0.4	U
8270D	85-01-8	Phenanthrene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	108-95-2	Phenol	mg/kg	-	-	100	0.42	U	0.4	U
8270D	129-00-0	Pyrene	mg/kg	-	-	100	0.21	U	0.2	U
8270D	110-86-1	Pyridine	mg/kg	-	-	-	0.42	U	0.4	U
A2540G	SOLID	Solids, Percent	%	-	-	-	81.6		85.9	

						Location	WVA-SB-08		WVA-SB-08		
						Start Depth (ft)	0.5		1		
						End Depth (ft)	1		2		
						Sample Date	5/5/2022		5/5/2022		
						Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		
						SDG	22E0362		22E0362		
						Matrix	SO		SO		
						Sample Type Code	N		N		
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL					
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	-	-	-	-		0.45	U	
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ug/kg	-	-	-	-		0.45	U	
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	-	-	-	-		0.45	U	
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	-	-	-	-		0.57		
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	-	-	-	-		0.45	U	
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	-	-	-	-		0.45	U	
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	-	-	-	-		0.45	U	
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ug/kg	-	-	-	-		0.45	U	
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	-		0.45	UJ	
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	-	-	-	-		0.45	U	
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	-	-	-	-		0.45	U	
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	-	-	-	-		0.45	U	
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	-	-	-	-		0.45	U	
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ug/kg	-	-	-	-		0.45	U	
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ug/kg	-	-	-	-		0.45	U	
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	-		0.45	U	
E537	375-22-4	Perfluorobutanoic Acid	ug/kg	-	-	-	-		0.45	U	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	-		0.45	U	
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	-		0.45	U	
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	-		0.45	U	
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	-		0.45	U	
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	-		0.45	U	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	-		0.45	U	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	-		0.45	U	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ug/kg	-	-	-	-		0.45	U	
E537	375-95-1	Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	-		0.45	U	
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ug/kg	-	-	-	-		0.45	U	
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ug/kg	-	0.88	8.8	-		0.14	J	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ug/kg	-	0.66	6.6	-		0.45	U	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	-	-	-	-		0.45	U	
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ug/kg	-	-	-	-		0.45	U	
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ug/kg	-	-	-	-		0.45	U	
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	-	-	-	-		0.45	U	
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ug/kg	-	-	-	-		0.45	U	
LLOYDKAHN	TOC	Total Organic Carbon	mg/kg	-	-	-	-		-		
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/kg	-	-	-	-		120	U	
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	-	-	-	-		120	U	
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/kg	-	-	-	-		12	U	
SW8151	75-99-0	Dalapon	ug/kg	-	-	-	-		290	U	
SW8151	1918-00-9	Dicamba	ug/kg	-	-	-	-		12	U	
SW8151	120-36-5	Dichloroprop	ug/kg	-	-	-	-		120	U	
SW8151	88-85-7	Dinoseb	ug/kg	-	-	-	-		58	U	
SW8151	94-74-6	MCPA	ug/kg	-	-	-	-		11000	J	
SW8151	93-65-2	Mecoprop	ug/kg	-	-	-	-		12000	U	
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/kg	-	-	58000	-		12	U	
SW8270	123-91-1	1,4-Dioxane (P-Dioxane)	ug/kg	-	-	9800	19	U	3.4	U	

						Location	WVA-SB-08		WVA-SB-08	
						Start Depth (ft)	0.5		1	
						End Depth (ft)	1		2	
						Sample Date	5/5/2022		5/5/2022	
						Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0	
						SDG	22E0362		22E0362	
						Matrix	SO		SO	
						Sample Type Code	N		N	
Method	CAS_RN	Chemical Name	Unit	EPA TCLP	NYSDECPART375_ UNRESTRICTED PFAS	NYSDECPART375_ RESIDENTIAL				
SW9014	57-12-5	Cyanide	mg/kg	-	-	27	-		0.63	
SW9071	TPHNONPOLAR	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	-	-	-	-		122	U
6010C	7440-38-2	Arsenic	mg/l	5	-	-	0.05	U	0.05	U
6010C	7440-39-3	Barium	mg/l	100	-	-	0.42	J	0.31	J
6010C	7440-42-8	Boron	mg/l	-	-	-	-		-	
6010C	7440-43-9	Cadmium	mg/l	1	-	-	0.0045	J	0.0055	J
6010C	7440-47-3	Chromium, Total	mg/l	5	-	-	0.05	U	0.0042	J
6010C	7439-92-1	Lead	mg/l	5	-	-	0.1	U	0.1	U
6010C	7782-49-2	Selenium	mg/l	1	-	-	0.05	U	0.035	J
6010C	7440-22-4	Silver	mg/l	5	-	-	0.05	U	0.05	U
7471B	7439-97-6	Mercury	mg/l	0.2	-	-	0.0001	U	0.0001	U

Notes:

Analytical results exceed 6 NYCRR Part 375 SCOs for residential use

Analytical results exceed 6 NYCRR Part 375 PFAS SCOs for unrestricted use

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDO

Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location									
						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		
						SDG	22F1500		22F1500		22F1500		22F1701		
						Matrix	WQ		WQ		WQ		WQ		
						Sample Type Code	TB		EB		FB		EB		
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL										
6010C	7429-90-5	Aluminum	mg/l	0.1	-	-		0.05	U	-		-			
6010C	7440-36-0	Antimony	mg/l	*0.003*	-	-		*0.05*	*U*	-		-			
6010C	7440-38-2	Arsenic	mg/l	0.025	-	-		0.01	U	-		-			
6010C	7440-39-3	Barium	mg/l	1	-	-		0.05	U	-		-			
6010C	7440-41-7	Beryllium	mg/l	*0.003*	-	-		*0.004*	*U*	-		-			
6010C	7440-42-8	Boron	mg/l	-	-	-		0.1	U	-		-			
6010C	7440-43-9	Cadmium	mg/l	0.005	-	-		0.004	U	-		-			
6010C	7440-70-2	Calcium	mg/l	-	-	-		0.16	J	-		-			
6010C	7440-47-3	Chromium, Total	mg/l	0.05	-	-		0.01	U	-		-			
6010C	7440-48-4	Cobalt	mg/l	*0.005*	-	-		*0.01*	*U*	-		-			
6010C	7440-50-8	Copper	mg/l	0.2	-	-		0.01	U	-		-			
6010C	7439-89-6	Iron	mg/l	0.3	-	-		0.05	U	-		-			
6010C	7439-92-1	Lead	mg/l	0.025	-	-		0.01	U	-		-			
6010C	7439-95-4	Magnesium	mg/l	35	-	-		0.037	J	-		-			
6010C	7439-96-5	Manganese	mg/l	0.3	-	-		0.01	U	-		-			
6010C	7440-02-0	Nickel	mg/l	0.1	-	-		0.01	U	-		-			
6010C	7440-09-7	Potassium	mg/l	-	-	-		2	U	-		-			
6010C	7782-49-2	Selenium	mg/l	*0.01*	-	-		*0.05*	*U*	-		-			
6010C	7440-22-4	Silver	mg/l	0.05	-	-		0.01	U	-		-			
6010C	7440-23-5	Sodium	mg/l	20	-	-		2	U	-		-			
6010C	7440-28-0	Thallium	mg/l	*0.0005*	-	-		*0.05*	U	-		-			
6010C	7440-62-2	Vanadium	mg/l	-	-	-		0.01	U	-		-			
6010C	7440-66-6	Zinc	mg/l	2	-	-		0.0046	J	-		-			
7471B	7439-97-6	Mercury	mg/l	0.0007	-	-		0.0001	U	-		-			
8081B	15972-60-8	Alachlor	ug/l	-	-	-		0.2	U	-		-			
8081B	309-00-2	Aldrin	ug/l	-	-	-		0.049	U	-		-			
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	*0.01*	-	-		*0.049*	*U*	-		-			
8081B	959-98-8	Alpha Endosulfan	ug/l	-	-	-		0.049	U	-		-			
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	*0.04*	-	-		*0.049*	*U*	-		-			
8081B	33213-65-9	Beta Endosulfan	ug/l	-	-	-		0.078	U	-		-			
8081B	57-74-9	Chlordane	ug/l	0.05	-	-		0.2	U	-		-			
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	ug/l	*0.04*	-	-		*0.049*	*U*	-		-			
8081B	60-57-1	Dieldrin	ug/l	0.004	-	-		0.002	U	-		-			
8081B	1031-07-8	Endosulfan Sulfate	ug/l	-	-	-		0.078	U	-		-			
8081B	72-20-8	Endrin	ug/l	-	-	-		0.078	U	-		-			
8081B	7421-93-4	Endrin Aldehyde	ug/l	-	-	-		0.078	U	-		-			
8081B	53494-70-5	Endrin Ketone	ug/l	5	-	-		0.078	U	-		-			
8081B	58-89-9	Gamma Bhc (Lindane)	ug/l	0.05	-	-		0.029	U	-		-			
8081B	76-44-8	Heptachlor	ug/l	*0.04*	-	-		*0.049*	*U*	-		-			
8081B	1024-57-3	Heptachlor Epoxide	ug/l	*0.03*	-	-		*0.049*	*U*	-		-			
8081B	118-74-1	Hexachlorobenzene	ug/l	0.04	-	-		0.049	U	-		-			
8081B	72-43-5	Methoxychlor	ug/l	35	-	-		0.49	U	-		-			
8081B	72-54-8	P,P'-DDD	ug/l	*0.3*	-	-		*0.039*	*U*	-		-			
8081B	72-55-9	P,P'-DDE	ug/l	*0.2*	-	-		*0.039*	*U*	-		-			
8081B	50-29-3	P,P'-DDT	ug/l	*0.2*	-	-		*0.039*	*U*	-		-			
8081B	8001-35-2	Toxaphene	ug/l	-	-	-		0.98	U	-		-			
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	ug/l	-	-	-		0.2	U	-		-			
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	ug/l	-	-	-		0.2	U	-		-			

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Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location									
						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		
						SDG	22F1500		22F1500		22F1500		22F1701		
						Matrix	WQ		WQ		WQ		WQ		
						Sample Type Code	TB		EB		FB		EB		
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL										
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	ug/l	-	-	-		0.2	U	-		-			
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	ug/l	-	-	-		0.2	U	-		-			
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	ug/l	-	-	-		0.2	U	-		-			
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	ug/l	-	-	-		0.2	U	-		-			
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	ug/l	-	-	-		0.2	U	-		-			
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	ug/l	-	-	-		0.2	U	-		-			
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	ug/l	-	-	-		0.2	U	-		-			
8260C	630-20-6	1,1,1,2-Tetrachloroethane	ug/l	-	-	1	U	1	U	-		-			
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	ug/l	5	-	1	U	1	U	-		-			
8260C	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	-	0.5	U	0.5	U	-		-			
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5	-	1	U	1	U	-		-			
8260C	79-00-5	1,1,2-Trichloroethane	ug/l	1	-	1	U	1	U	-		-			
8260C	75-34-3	1,1-Dichloroethane	ug/l	5	-	1	U	1	U	-		-			
8260C	75-35-4	1,1-Dichloroethene	ug/l	5	-	1	U	1	U	-		-			
8260C	563-58-6	1,1-Dichloropropene	ug/l	-	-	2	U	2	U	-		-			
8260C	87-61-6	1,2,3-Trichlorobenzene	ug/l	-	-	5	UJ	5	UJ	-		-			
8260C	96-18-4	1,2,3-Trichloropropane	ug/l	*0.04*	-	*2*	*U*	*2*	*U*	-		-			
8260C	120-82-1	1,2,4-Trichlorobenzene	ug/l	5	-	1	U	1	U	-		-			
8260C	95-63-6	1,2,4-Trimethylbenzene	ug/l	-	-	1	U	1	U	-		-			
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	-	-	5	U	5	U	-		-			
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	-	-	0.5	U	0.5	U	-		-			
8260C	95-50-1	1,2-Dichlorobenzene	ug/l	3	-	1	U	1	U	-		-			
8260C	107-06-2	1,2-Dichloroethane	ug/l	*0.6*	-	*1*	*U*	*1*	*U*	-		-			
8260C	78-87-5	1,2-Dichloropropane	ug/l	1	-	1	U	1	U	-		-			
8260C	108-70-3	1,3,5-Trichlorobenzene	ug/l	-	-	1	U	1	U	-		-			
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	-	-	1	U	1	U	-		-			
8260C	541-73-1	1,3-Dichlorobenzene	ug/l	3	-	1	U	1	U	-		-			
8260C	142-28-9	1,3-Dichloropropane	ug/l	5	-	0.5	U	0.5	U	-		-			
8260C	106-46-7	1,4-Dichlorobenzene	ug/l	3	-	1	U	1	U	-		-			
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	-	*1*	*50*	*U*	*50*	*U*	-		-			
8260C	594-20-7	2,2-Dichloropropane	ug/l	-	-	1	U	1	U	-		-			
8260C	95-49-8	2-Chlorotoluene	ug/l	-	-	1	U	1	U	-		-			
8260C	591-78-6	2-Hexanone	ug/l	50	-	10	U	10	U	-		-			
8260C	994-05-8	2-Methoxy-2-Methylbutane	ug/l	-	-	0.5	U	0.5	U	-		-			
8260C	106-43-4	4-Chlorotoluene	ug/l	-	-	1	U	1	U	-		-			
8260C	67-64-1	Acetone	ug/l	50	-	50	U	50	U	-		-			
8260C	107-13-1	Acrylonitrile	ug/l	-	-	5	U	5	U	-		-			
8260C	71-43-2	Benzene	ug/l	1	-	1	U	1	U	-		-			
8260C	108-86-1	Bromobenzene	ug/l	-	-	1	U	1	U	-		-			
8260C	74-97-5	Bromochloromethane	ug/l	-	-	1	U	1	U	-		-			
8260C	75-27-4	Bromodichloromethane	ug/l	50	-	0.5	U	0.5	U	-		-			
8260C	75-25-2	Bromoform	ug/l	50	-	1	U	1	U	-		-			
8260C	74-83-9	Bromomethane	ug/l	5	-	2	U	2	U	-		-			
8260C	75-15-0	Carbon Disulfide	ug/l	60	-	5	U	5	U	-		-			
8260C	56-23-5	Carbon Tetrachloride	ug/l	5	-	5	U	5	U	-		-			
8260C	108-90-7	Chlorobenzene	ug/l	5	-	1	U	1	U	-		-			
8260C	75-00-3	Chloroethane	ug/l	5	-	2	U	2	U	-		-			
8260C	67-66-3	Chloroform	ug/l	7	-	2	U	2	U	-		-			

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location							
						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624	
						SDG	22F1500		22F1500		22F1500		22F1701	
						Matrix	WQ		WQ		WQ		WQ	
						Sample Type Code	TB		EB		FB		EB	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL									
8260C	74-87-3	Chloromethane	ug/l	5	-	2	UJ	2	UJ	-		-	
8260C	156-59-2	Cis-1,2-Dichloroethylene	ug/l	5	-	1	U	1	U	-		-	
8260C	10061-01-5	Cis-1,3-Dichloropropene	ug/l	*0.4*	-	*0.5*	*U*	*0.5*	*U*	-		-	
8260C	99-87-6	Cymene	ug/l	-	-	1	U	1	U	-		-	
8260C	124-48-1	Dibromochloromethane	ug/l	50	-	0.5	U	0.5	U	-		-	
8260C	74-95-3	Dibromomethane	ug/l	-	-	1	U	1	U	-		-	
8260C	75-71-8	Dichlorodifluoromethane	ug/l	-	-	2	U	2	U	-		-	
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	ug/l	-	-	2	U	2	U	-		-	
8260C	637-92-3	Ethyl Tert-Butyl Ether	ug/l	-	-	0.5	U	0.5	U	-		-	
8260C	100-41-4	Ethylbenzene	ug/l	5	-	1	U	1	U	-		-	
8260C	87-68-3	Hexachlorobutadiene	ug/l	0.5	-	0.6	U	0.6	U	-		-	
8260C	108-20-3	Isopropyl Ether	ug/l	-	-	0.5	U	0.5	U	-		-	
8260C	98-82-8	Isopropylbenzene (Cumene)	ug/l	-	-	1	U	1	U	-		-	
8260C	179601-23-1	m,p-Xylene	ug/l	-	-	2	U	2	U	-		-	
8260C	79-20-9	Methyl Acetate	ug/l	-	-	1	U	1	U	-		-	
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	50	-	20	UJ	20	UJ	-		-	
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	-	-	10	U	10	U	-		-	
8260C	108-87-2	Methylcyclohexane	ug/l	-	-	1	U	1	U	-		-	
8260C	75-09-2	Methylene Chloride	ug/l	5	-	5	U	5	U	-		-	
8260C	91-20-3	Naphthalene	ug/l	10	-	2	UJ	2	UJ	-		-	
8260C	104-51-8	N-Butylbenzene	ug/l	-	-	1	U	1	U	-		-	
8260C	103-65-1	N-Propylbenzene	ug/l	-	-	1	U	1	U	-		-	
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	-	-	1	U	1	U	-		-	
8260C	135-98-8	Sec-Butylbenzene	ug/l	-	-	1	U	1	U	-		-	
8260C	100-42-5	Styrene	ug/l	5	-	1	U	1	U	-		-	
8260C	98-06-6	T-Butylbenzene	ug/l	-	-	1	U	1	U	-		-	
8260C	75-65-0	Tert-Butyl Alcohol	ug/l	-	-	20	UJ	20	UJ	-		-	
8260C	1634-04-4	Tert-Butyl Methyl Ether	ug/l	10	-	1	U	1	U	-		-	
8260C	127-18-4	Tetrachloroethylene (PCE)	ug/l	5	-	1	U	1	U	-		-	
8260C	109-99-9	Tetrahydrofuran	ug/l	-	-	10	U	10	U	-		-	
8260C	108-88-3	Toluene	ug/l	5	-	1	U	1	U	-		-	
8260C	156-60-5	Trans-1,2-Dichloroethene	ug/l	5	-	1	U	1	U	-		-	
8260C	10061-02-6	Trans-1,3-Dichloropropene	ug/l	*0.4*	-	*0.5*	*U*	*0.5*	*U*	-		-	
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	ug/l	-	-	2	U	2	U	-		-	
8260C	79-01-6	Trichloroethylene (TCE)	ug/l	5	-	1	U	1	U	-		-	
8260C	75-69-4	Trichlorofluoromethane	ug/l	-	-	2	U	2	U	-		-	
8260C	75-01-4	Vinyl Chloride	ug/l	2	-	2	U	2	U	-		-	
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	-	-	-		10	U	-		-	
8270D	120-82-1	1,2,4-Trichlorobenzene	ug/l	*5*	-	-		*5.2*	*U*	-		-	
8270D	95-50-1	1,2-Dichlorobenzene	ug/l	*3*	-	-		*5.2*	*UJ*	-		-	
8270D	122-66-7	1,2-Diphenylhydrazine	ug/l	-	-	-		10	U	-		-	
8270D	541-73-1	1,3-Dichlorobenzene	ug/l	*3*	-	-		*5.2*	*UJ*	-		-	
8270D	106-46-7	1,4-Dichlorobenzene	ug/l	*3*	-	-		*5.2*	*UJ*	-		-	
8270D	90-12-0	1-Methylnaphthalene	ug/l	-	-	-		5.2	U	-		-	
8270D	95-95-4	2,4,5-Trichlorophenol	ug/l	-	-	-		10	U	-		-	
8270D	88-06-2	2,4,6-Trichlorophenol	ug/l	-	-	-		10	U	-		-	
8270D	120-83-2	2,4-Dichlorophenol	ug/l	*5*	-	-		*10*	*U*	-		-	
8270D	105-67-9	2,4-Dimethylphenol	ug/l	*1*	-	-		*10*	*U*	-		-	

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Table 4
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Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location									
						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		
						SDG	22F1500		22F1500		22F1500		22F1701		
						Matrix	WQ		WQ		WQ		WQ		
						Sample Type Code	TB		EB		FB		EB		
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL										
8270D	51-28-5	2,4-Dinitrophenol	ug/l	*1*	-	-		*10*	*U*	-		-			
8270D	121-14-2	2,4-Dinitrotoluene	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	606-20-2	2,6-Dinitrotoluene	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	91-58-7	2-Chloronaphthalene	ug/l	10	-	-		10	U	-		-			
8270D	95-57-8	2-Chlorophenol	ug/l	-	-	-		10	U	-		-			
8270D	91-57-6	2-Methylnaphthalene	ug/l	-	-	-		5.2	U	-		-			
8270D	95-48-7	2-Methylphenol (O-Cresol)	ug/l	-	-	-		10	U	-		-			
8270D	88-74-4	2-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	88-75-5	2-Nitrophenol	ug/l	-	-	-		10	U	-		-			
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	ug/l	-	-	-		10	U	-		-			
8270D	91-94-1	3,3'-Dichlorobenzidine	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	99-09-2	3-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	-	-	-		10	U	-		-			
8270D	101-55-3	4-Bromophenyl Phenyl Ether	ug/l	-	-	-		10	U	-		-			
8270D	59-50-7	4-Chloro-3-Methylphenol	ug/l	-	-	-		10	U	-		-			
8270D	106-47-8	4-Chloroaniline	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	-	-	-		10	U	-		-			
8270D	100-01-6	4-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	100-02-7	4-Nitrophenol	ug/l	-	-	-		10	U	-		-			
8270D	83-32-9	Acenaphthene	ug/l	20	-	-		5.2	U	-		-			
8270D	208-96-8	Acenaphthylene	ug/l	-	-	-		5.2	U	-		-			
8270D	98-86-2	Acetophenone	ug/l	-	-	-		10	U	-		-			
8270D	62-53-3	Aniline	ug/l	5	-	-		5.2	U	-		-			
8270D	120-12-7	Anthracene	ug/l	50	-	-		5.2	U	-		-			
8270D	92-87-5	Benzidine	ug/l	-	-	-		21	UJ	-		-			
8270D	56-55-3	Benzo(A)Anthracene	ug/l	*0.002*	-	-		*5.2*	*U*	-		-			
8270D	50-32-8	Benzo(A)Pyrene	ug/l	*0*	-	-		*5.2*	*U*	-		-			
8270D	205-99-2	Benzo(B)Fluoranthene	ug/l	*0.002*	-	-		*5.2*	*U*	-		-			
8270D	191-24-2	Benzo(G,H,I)Perylene	ug/l	-	-	-		5.2	U	-		-			
8270D	207-08-9	Benzo(K)Fluoranthene	ug/l	*0.002*	-	-		*5.2*	*U*	-		-			
8270D	65-85-0	Benzoic Acid	ug/l	-	-	-		10	U	-		-			
8270D	85-68-7	Benzyl Butyl Phthalate	ug/l	50	-	-		10	U	-		-			
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l	*1*	-	-		*10*	*U*	-		-			
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	*5*	-	-		*10*	*U*	-		-			
8270D	86-74-8	Carbazole	ug/l	-	-	-		10	U	-		-			
8270D	218-01-9	Chrysene	ug/l	*0.002*	-	-		*5.2*	*U*	-		-			
8270D	53-70-3	Dibenz(A,H)Anthracene	ug/l	-	-	-		5.2	U	-		-			
8270D	132-64-9	Dibenzofuran	ug/l	-	-	-		5.2	U	-		-			
8270D	84-66-2	Diethyl Phthalate	ug/l	50	-	-		10	U	-		-			
8270D	131-11-3	Dimethyl Phthalate	ug/l	50	-	-		10	U	-		-			
8270D	84-74-2	Di-N-Butyl Phthalate	ug/l	50	-	-		10	U	-		-			
8270D	117-84-0	Di-N-Octylphthalate	ug/l	50	-	-		10	U	-		-			
8270D	206-44-0	Fluoranthene	ug/l	50	-	-		5.2	U	-		-			
8270D	86-73-7	Fluorene	ug/l	50	-	-		5.2	U	-		-			
8270D	118-74-1	Hexachlorobenzene	ug/l	*0.04*	-	-		*10*	*U*	-		-			
8270D	87-68-3	Hexachlorobutadiene	ug/l	*0.5*	-	-		*10*	*U*	-		-			

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Table 4
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PARSONS

						Location								
						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624	
						SDG	22F1500		22F1500		22F1500		22F1701	
						Matrix	WQ		WQ		WQ		WQ	
						Sample Type Code	TB		EB		FB		EB	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL									
8270D	77-47-4	Hexachlorocyclopentadiene	ug/l	*5*	-	-		*10*	*UJ*	-		-	
8270D	67-72-1	Hexachloroethane	ug/l	*5*	-	-		*10*	*UJ*	-		-	
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	*0.002*	-	-		*5.2*	*U*	-		-	
8270D	78-59-1	Isophorone	ug/l	50	-	-		10	U	-		-	
8270D	91-20-3	Naphthalene	ug/l	10	-	-		5.2	U	-		-	
8270D	98-95-3	Nitrobenzene	ug/l	*0.4*	-	-		*10*	*U*	-		-	
8270D	62-75-9	N-Nitrosodimethylamine	ug/l	-	-	-		10	UJ	-		-	
8270D	621-64-7	N-Nitrosodi-N-Propylamine	ug/l	-	-	-		10	U	-		-	
8270D	86-30-6	N-Nitrosodiphenylamine	ug/l	50	-	-		10	U	-		-	
8270D	82-68-8	Pentachloronitrobenzene	ug/l	-	-	-		10	U	-		-	
8270D	87-86-5	Pentachlorophenol	ug/l	*1*	-	-		*10*	*U*	-		-	
8270D	85-01-8	Phenanthrene	ug/l	50	-	-		5.2	U	-		-	
8270D	108-95-2	Phenol	ug/l	*1*	-	-		*10*	*U*	-		-	
8270D	129-00-0	Pyrene	ug/l	-	-	-		5.2	U	-		-	
8270D	110-86-1	Pyridine	ug/l	-	-	-		5.2	U	-		-	
E1664	OILGREASENONP	Sgt Hem (Oil And Grease - Nonpolar	mg/l	-	-	-		1.1	J	-		-	
1664	OILGREASEPOL	Hem Polar (Oil And Grease - Polar)	mg/l	-	-	-		-		-		-	
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ng/l	-	-	-		2.1	UJ	1.8	U	1.8	U
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ng/l	-	-	-		0.71	J	1.8	U	0.39	J
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSA/	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	375-22-4	Perfluorobutanoic Acid	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	375-95-1	Perfluorononanoic acid (PFNA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ng/l	-	-	-		2.1	UJ	1.8	U	1.8	U
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ng/l	-	10	-		2.1	U	1.8	U	1.8	U
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ng/l	-	10	-		2.1	U	1.8	U	1.8	U
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U

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						Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		
						Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		
						SDG	22F1500		22F1500		22F1500		22F1701		
						Matrix	WQ		WQ		WQ		WQ		
						Sample Type Code	TB		EB		FB		EB		
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL										
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	-		2.1	UJ	1.8	U	1.8	U		
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U		
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	-		2.1	U	1.8	U	1.8	U		
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/l	-	-	-		0.5	U	-		-			
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/l	-	-	-		0.5	U	-		-			
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l	35	-	-		0.1	U	-		-			
SW8151	75-99-0	Dalapon	ug/l	-	-	-		1.2	U	-		-			
SW8151	1918-00-9	Dicamba	ug/l	-	-	-		0.05	U	-		-			
SW8151	120-36-5	Dichloroprop	ug/l	-	-	-		0.5	U	-		-			
SW8151	88-85-7	Dinoseb	ug/l	-	-	-		0.25	U	-		-			
SW8151	94-74-6	MCPA	ug/l	-	-	-		50	U	-		-			
SW8151	93-65-2	Mecoprop	ug/l	-	-	-		50	U	-		-			
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/l	0.26	-	-		0.05	U	-		-			
SW8270DSIM	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	-	1	-		0.2	U	-		-			

Indicates concentrations exceed applicable criteria
Italicized concentrations indicate Reporting Limits exceeded applicable criterion.
Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (AWQSGVs; NYSDEC 1998)
PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant Levels (MCL; NYSDOH 2022)
Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given, "J" estimated at the value given, "J+" estimated biased high at the value given, "J-" estimated biased low at the value given, "N" - presumptive evidence at the value given, and "R" - unusable value

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Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
6010C	7429-90-5	Aluminum	mg/l	0.1	-	-		0.05	U	0.05	U	0.037	J
6010C	7440-36-0	Antimony	mg/l	*0.003*	-	-		*0.05*	*U*	*0.05*	*U*	*0.05*	*U*
6010C	7440-38-2	Arsenic	mg/l	0.025	-	-		0.01	U	0.01	U	0.01	U
6010C	7440-39-3	Barium	mg/l	1	-	-		0.11		0.12		0.14	
6010C	7440-41-7	Beryllium	mg/l	*0.003*	-	-		*0.004*	*U*	*0.004*	*U*	*0.004*	*U*
6010C	7440-42-8	Boron	mg/l	-	-	-		0.68		0.68		0.94	
6010C	7440-43-9	Cadmium	mg/l	0.005	-	-		0.004	U	0.004	U	0.0011	J
6010C	7440-70-2	Calcium	mg/l	-	-	-		100		100		110	
6010C	7440-47-3	Chromium, Total	mg/l	0.05	-	-		0.01	U	0.01	U	0.01	U
6010C	7440-48-4	Cobalt	mg/l	*0.005*	-	-		*0.01*	*U*	*0.01*	*U*	*0.01*	*U*
6010C	7440-50-8	Copper	mg/l	0.2	-	-		0.01	U	0.01	U	0.01	U
6010C	7439-89-6	Iron	mg/l	0.3	-	-		0.05	U	0.05	U	0.21	
6010C	7439-92-1	Lead	mg/l	0.025	-	-		0.01	U	0.01	U	0.01	UJ
6010C	7439-95-4	Magnesium	mg/l	35	-	-		21		22		22	
6010C	7439-96-5	Manganese	mg/l	0.3	-	-		0.013		0.013		0.024	
6010C	7440-02-0	Nickel	mg/l	0.1	-	-		0.01	U	0.01	U	0.01	U
6010C	7440-09-7	Potassium	mg/l	-	-	-		7.4		7.8		9.5	
6010C	7782-49-2	Selenium	mg/l	*0.01*	-	-		*0.05*	*U*	*0.05*	*U*	*0.011*	*J*
6010C	7440-22-4	Silver	mg/l	0.05	-	-		0.01	U	0.01	U	0.01	U
6010C	7440-23-5	Sodium	mg/l	20	-	-		61		62		73	
6010C	7440-28-0	Thallium	mg/l	*0.0005*	-	-		*0.05*	*U*	*0.05*	*U*	*0.05*	*UJ*
6010C	7440-62-2	Vanadium	mg/l	-	-	-		0.0077	J	0.0067	J	0.01	
6010C	7440-66-6	Zinc	mg/l	2	-	-		0.01	U	0.01	U	0.0064	J
7471B	7439-97-6	Mercury	mg/l	0.0007	-	-		0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	Alachlor	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8081B	309-00-2	Aldrin	ug/l	-	-	-		0.05	U	0.049	U	0.049	U
8081B	319-84-6	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	*0.01*	-	-		*0.05*	*U*	*0.049*	*U*	*0.049*	*U*
8081B	959-98-8	Alpha Endosulfan	ug/l	-	-	-		0.05	U	0.049	U	0.049	U
8081B	319-85-7	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	*0.04*	-	-		*0.05*	*U*	*0.049*	*U*	*0.049*	*U*
8081B	33213-65-9	Beta Endosulfan	ug/l	-	-	-		0.08	U	0.078	U	0.078	U
8081B	57-74-9	Chlordane	ug/l	0.05	-	-		0.2	U	0.2	U	0.2	U
8081B	319-86-8	Delta BHC (Delta Hexachlorocyclohexane)	ug/l	*0.04*	-	-		*0.05*	*U*	*0.049*	*U*	*0.049*	*U*
8081B	60-57-1	Dieldrin	ug/l	0.004	-	-		0.002	U	0.002	U	0.002	U
8081B	1031-07-8	Endosulfan Sulfate	ug/l	-	-	-		0.08	U	0.078	U	0.078	U
8081B	72-20-8	Endrin	ug/l	-	-	-		0.08	U	0.078	U	0.078	U
8081B	7421-93-4	Endrin Aldehyde	ug/l	-	-	-		0.08	U	0.078	U	0.078	U
8081B	53494-70-5	Endrin Ketone	ug/l	5	-	-		0.08	U	0.078	U	0.078	U
8081B	58-89-9	Gamma Bhc (Lindane)	ug/l	0.05	-	-		0.03	U	0.029	U	0.029	U
8081B	76-44-8	Heptachlor	ug/l	*0.04*	-	-		*0.05*	*U*	*0.049*	*U*	*0.049*	*U*
8081B	1024-57-3	Heptachlor Epoxide	ug/l	*0.03*	-	-		*0.05*	*U*	*0.049*	*U*	*0.049*	*U*
8081B	118-74-1	Hexachlorobenzene	ug/l	0.04	-	-		0.05	U	0.049	U	0.049	U
8081B	72-43-5	Methoxychlor	ug/l	35	-	-		0.5	U	0.49	U	0.49	U
8081B	72-54-8	P,P'-DDD	ug/l	*0.3*	-	-		*0.04*	*U*	*0.039*	*U*	*0.039*	*U*
8081B	72-55-9	P,P'-DDE	ug/l	*0.2*	-	-		*0.04*	*U*	*0.039*	*U*	*0.039*	*U*
8081B	50-29-3	P,P'-DDT	ug/l	*0.2*	-	-		*0.04*	*U*	*0.039*	*U*	*0.039*	*U*
8081B	8001-35-2	Toxaphene	ug/l	-	-	-		1	U	0.98	U	0.98	U
8082A	12674-11-2	PCB-1016 (Aroclor 1016)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	11104-28-2	PCB-1221 (Aroclor 1221)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U

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Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
8082A	11141-16-5	PCB-1232 (Aroclor 1232)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	53469-21-9	PCB-1242 (Aroclor 1242)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	12672-29-6	PCB-1248 (Aroclor 1248)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	11097-69-1	PCB-1254 (Aroclor 1254)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	11096-82-5	PCB-1260 (Aroclor 1260)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	37324-23-5	PCB-1262 (Aroclor 1262)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8082A	11100-14-4	PCB-1268 (Aroclor 1268)	ug/l	-	-	-		0.2	U	0.2	U	0.2	U
8260C	630-20-6	1,1,1,2-Tetrachloroethane	ug/l	-	-	-		1	U	1	U	1	U
8260C	71-55-6	1,1,1-Trichloroethane (TCA)	ug/l	5	-	-		1	U	1	U	1	U
8260C	79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5	-	-		0.5	U	0.5	U	0.5	U
8260C	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5	-	-		1	U	1	U	1	U
8260C	79-00-5	1,1,2-Trichloroethane	ug/l	1	-	-		1	U	1	U	1	U
8260C	75-34-3	1,1-Dichloroethane	ug/l	5	-	-		1	U	1	U	1	U
8260C	75-35-4	1,1-Dichloroethene	ug/l	5	-	-		1	U	1	U	1	U
8260C	563-58-6	1,1-Dichloropropene	ug/l	-	-	-		2	U	2	U	2	U
8260C	87-61-6	1,2,3-Trichlorobenzene	ug/l	-	-	-		5	UJ	5	UJ	5	U
8260C	96-18-4	1,2,3-Trichloropropane	ug/l	*0.04*	-	-		*2*	*U*	*2*	*U*	*2*	*U*
8260C	120-82-1	1,2,4-Trichlorobenzene	ug/l	5	-	-		1	U	1	U	1	U
8260C	95-63-6	1,2,4-Trimethylbenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	-	-	-		5	U	5	U	5	U
8260C	106-93-4	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	-	-	-		0.5	U	0.5	U	0.5	U
8260C	95-50-1	1,2-Dichlorobenzene	ug/l	3	-	-		1	U	1	U	1	U
8260C	107-06-2	1,2-Dichloroethane	ug/l	*0.6*	-	-		*1*	*U*	*1*	*U*	*1*	*U*
8260C	78-87-5	1,2-Dichloropropane	ug/l	1	-	-		1	U	1	U	1	U
8260C	108-70-3	1,3,5-Trichlorobenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	108-67-8	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	-	-	-		1	U	1	U	1	U
8260C	541-73-1	1,3-Dichlorobenzene	ug/l	3	-	-		1	U	1	U	1	U
8260C	142-28-9	1,3-Dichloropropane	ug/l	5	-	-		0.5	U	0.5	U	0.5	U
8260C	106-46-7	1,4-Dichlorobenzene	ug/l	3	-	-		1	U	1	U	1	U
8260C	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	-	*1*	-		*50*	*U*	*50*	*U*	*50*	*UJ*
8260C	594-20-7	2,2-Dichloropropane	ug/l	-	-	-		1	U	1	U	1	U
8260C	95-49-8	2-Chlorotoluene	ug/l	-	-	-		1	U	1	U	1	U
8260C	591-78-6	2-Hexanone	ug/l	50	-	-		10	U	10	U	10	UJ
8260C	994-05-8	2-Methoxy-2-Methylbutane	ug/l	-	-	-		0.5	U	0.5	U	0.5	U
8260C	106-43-4	4-Chlorotoluene	ug/l	-	-	-		1	U	1	U	1	U
8260C	67-64-1	Acetone	ug/l	50	-	-		50	U	50	U	50	UJ
8260C	107-13-1	Acrylonitrile	ug/l	-	-	-		5	U	5	U	5	UJ
8260C	71-43-2	Benzene	ug/l	1	-	-		1	U	1	U	1	U
8260C	108-86-1	Bromobenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	74-97-5	Bromochloromethane	ug/l	-	-	-		1	U	1	U	1	U
8260C	75-27-4	Bromodichloromethane	ug/l	50	-	-		2.6		2.5		0.5	U
8260C	75-25-2	Bromoform	ug/l	50	-	-		1	U	1	U	1	U
8260C	74-83-9	Bromomethane	ug/l	5	-	-		2	U	2	U	2	U
8260C	75-15-0	Carbon Disulfide	ug/l	60	-	-		5	U	5	U	5	U
8260C	56-23-5	Carbon Tetrachloride	ug/l	5	-	-		5	U	5	U	5	U
8260C	108-90-7	Chlorobenzene	ug/l	5	-	-		1	U	1	U	1	U
8260C	75-00-3	Chloroethane	ug/l	5	-	-		2	U	2	U	2	U
8260C	67-66-3	Chloroform	ug/l	7	-	-		4.7		4.8		2	U

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Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
8260C	74-87-3	Chloromethane	ug/l	5	-	-		2	UJ	2	UJ	2	U
8260C	156-59-2	Cis-1,2-Dichloroethylene	ug/l	5	-	-		1	U	1	U	1	U
8260C	10061-01-5	Cis-1,3-Dichloropropene	ug/l	*0.4*	-	-		*0.5*	*U*	*0.5*	*U*	*0.5*	*U*
8260C	99-87-6	Cymene	ug/l	-	-	-		1	U	1	U	1	U
8260C	124-48-1	Dibromochloromethane	ug/l	50	-	-		1.2		1.2		0.5	U
8260C	74-95-3	Dibromomethane	ug/l	-	-	-		1	U	1	U	1	U
8260C	75-71-8	Dichlorodifluoromethane	ug/l	-	-	-		2	U	2	U	2	U
8260C	60-29-7	Diethyl Ether (Ethyl Ether)	ug/l	-	-	-		2	U	2	U	2	U
8260C	637-92-3	Ethyl Tert-Butyl Ether	ug/l	-	-	-		0.5	U	0.5	U	0.5	U
8260C	100-41-4	Ethylbenzene	ug/l	5	-	-		1	U	1	U	1	U
8260C	87-68-3	Hexachlorobutadiene	ug/l	0.5	-	-		*0.6*	*U*	*0.6*	*U*	*0.6*	*U*
8260C	108-20-3	Isopropyl Ether	ug/l	-	-	-		0.5	U	0.5	U	0.5	U
8260C	98-82-8	Isopropylbenzene (Cumene)	ug/l	-	-	-		1	U	1	U	1	U
8260C	179601-23-1	m,p-Xylene	ug/l	-	-	-		2	U	2	U	2	U
8260C	79-20-9	Methyl Acetate	ug/l	-	-	-		1	U	1	U	1	U
8260C	78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	50	-	-		20	UJ	20	UJ	20	UJ
8260C	108-10-1	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	-	-	-		10	U	10	U	10	U
8260C	108-87-2	Methylcyclohexane	ug/l	-	-	-		1	U	1	U	1	U
8260C	75-09-2	Methylene Chloride	ug/l	5	-	-		5	U	5	U	5	U
8260C	91-20-3	Naphthalene	ug/l	10	-	-		2	UJ	2	UJ	2	UJ
8260C	104-51-8	N-Butylbenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	103-65-1	N-Propylbenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	-	-	-		1	U	1	U	1	U
8260C	135-98-8	Sec-Butylbenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	100-42-5	Styrene	ug/l	5	-	-		1	U	1	U	1	U
8260C	98-06-6	T-Butylbenzene	ug/l	-	-	-		1	U	1	U	1	U
8260C	75-65-0	Tert-Butyl Alcohol	ug/l	-	-	-		20	UJ	20	UJ	20	UJ
8260C	1634-04-4	Tert-Butyl Methyl Ether	ug/l	10	-	-		1	U	1	U	1	U
8260C	127-18-4	Tetrachloroethylene (PCE)	ug/l	5	-	-		1	U	1	U	1	U
8260C	109-99-9	Tetrahydrofuran	ug/l	-	-	-		10	U	10	U	10	U
8260C	108-88-3	Toluene	ug/l	5	-	-		1	U	1	U	1	U
8260C	156-60-5	Trans-1,2-Dichloroethene	ug/l	5	-	-		1	U	1	U	1	U
8260C	10061-02-6	Trans-1,3-Dichloropropene	ug/l	*0.4*	-	-		*0.5*	*U*	*0.5*	*U*	*0.5*	*U*
8260C	110-57-6	Trans-1,4-Dichloro-2-Butene	ug/l	-	-	-		2	U	2	U	2	U
8260C	79-01-6	Trichloroethylene (TCE)	ug/l	5	-	-		0.35	J	0.42	J	3.2	
8260C	75-69-4	Trichlorofluoromethane	ug/l	-	-	-		2	U	2	U	2	U
8260C	75-01-4	Vinyl Chloride	ug/l	2	-	-		2	U	2	U	2	U
8270D	95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	120-82-1	1,2,4-Trichlorobenzene	ug/l	*5*	-	-		5	U	5	U	4.9	UJ
8270D	95-50-1	1,2-Dichlorobenzene	ug/l	*3*	-	-		*5*	*UJ*	*5*	*UJ*	*4.9*	*UJ*
8270D	122-66-7	1,2-Diphenylhydrazine	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	541-73-1	1,3-Dichlorobenzene	ug/l	*3*	-	-		*5*	*UJ*	*5*	*UJ*	*4.9*	*UJ*
8270D	106-46-7	1,4-Dichlorobenzene	ug/l	*3*	-	-		*5*	*UJ*	*5*	*UJ*	*4.9*	*UJ*
8270D	90-12-0	1-Methylnaphthalene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	95-95-4	2,4,5-Trichlorophenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	88-06-2	2,4,6-Trichlorophenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	120-83-2	2,4-Dichlorophenol	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	105-67-9	2,4-Dimethylphenol	ug/l	*1*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
8270D	51-28-5	2,4-Dinitrophenol	ug/l	*1*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	121-14-2	2,4-Dinitrotoluene	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	606-20-2	2,6-Dinitrotoluene	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	91-58-7	2-Chloronaphthalene	ug/l	10	-	-		10	U	10	U	9.8	U
8270D	95-57-8	2-Chlorophenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	91-57-6	2-Methylnaphthalene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	95-48-7	2-Methylphenol (O-Cresol)	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	88-74-4	2-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	88-75-5	2-Nitrophenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	MEPH3MEPH4	3- And 4- Methylphenol (Total)	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	91-94-1	3,3'-Dichlorobenzidine	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	99-09-2	3-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	101-55-3	4-Bromophenyl Phenyl Ether	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	59-50-7	4-Chloro-3-Methylphenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	106-47-8	4-Chloroaniline	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	100-01-6	4-Nitroaniline	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	100-02-7	4-Nitrophenol	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	83-32-9	Acenaphthene	ug/l	20	-	-		5	U	5	U	4.9	U
8270D	208-96-8	Acenaphthylene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	98-86-2	Acetophenone	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	62-53-3	Aniline	ug/l	5	-	-		5	U	5	U	4.9	U
8270D	120-12-7	Anthracene	ug/l	50	-	-		5	U	5	U	4.9	U
8270D	92-87-5	Benzidine	ug/l	-	-	-		20	UJ	20	UJ	20	UJ
8270D	56-55-3	Benzo(A)Anthracene	ug/l	*0.002*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	50-32-8	Benzo(A)Pyrene	ug/l	*0*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	205-99-2	Benzo(B)Fluoranthene	ug/l	*0.002*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	191-24-2	Benzo(G,H,I)Perylene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	207-08-9	Benzo(K)Fluoranthene	ug/l	*0.002*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	65-85-0	Benzoic Acid	ug/l	-	-	-		10	U	10	U	9.8	UJ
8270D	85-68-7	Benzyl Butyl Phthalate	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	111-44-4	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l	*1*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	*5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	86-74-8	Carbazole	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	218-01-9	Chrysene	ug/l	*0.002*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	53-70-3	Dibenz(A,H)Anthracene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	132-64-9	Dibenzofuran	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	84-66-2	Diethyl Phthalate	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	131-11-3	Dimethyl Phthalate	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	84-74-2	Di-N-Butyl Phthalate	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	117-84-0	Di-N-Octylphthalate	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	206-44-0	Fluoranthene	ug/l	50	-	-		5	U	5	U	4.9	U
8270D	86-73-7	Fluorene	ug/l	50	-	-		5	U	5	U	4.9	U
8270D	118-74-1	Hexachlorobenzene	ug/l	*0.04*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	87-68-3	Hexachlorobutadiene	ug/l	*0.5*	-	-		*10*	*U*	*10*	*U*	*9.8*	*UJ*

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
8270D	77-47-4	Hexachlorocyclopentadiene	ug/l	*5*	-	-		*10*	*UJ*	*10*	*UJ*	*9.8*	*UJ*
8270D	67-72-1	Hexachloroethane	ug/l	*5*	-	-		*10*	*UJ*	*10*	*UJ*	*9.8*	*UJ*
8270D	193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	*0.002*	-	-		*5*	*U*	*5*	*U*	*4.9*	*U*
8270D	78-59-1	Isophorone	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	91-20-3	Naphthalene	ug/l	10	-	-		5	U	5	U	4.9	U
8270D	98-95-3	Nitrobenzene	ug/l	*0.4*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	62-75-9	N-Nitrosodimethylamine	ug/l	-	-	-		10	UJ	10	UJ	9.8	UJ
8270D	621-64-7	N-Nitrosodi-N-Propylamine	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	86-30-6	N-Nitrosodiphenylamine	ug/l	50	-	-		10	U	10	U	9.8	U
8270D	82-68-8	Pentachloronitrobenzene	ug/l	-	-	-		10	U	10	U	9.8	U
8270D	87-86-5	Pentachlorophenol	ug/l	*1*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	85-01-8	Phenanthrene	ug/l	50	-	-		5	U	5	U	4.9	U
8270D	108-95-2	Phenol	ug/l	*1*	-	-		*10*	*U*	*10*	*U*	*9.8*	*U*
8270D	129-00-0	Pyrene	ug/l	-	-	-		5	U	5	U	4.9	U
8270D	110-86-1	Pyridine	ug/l	-	-	-		5	U	5	U	4.9	UJ
E1664	OILGREASENONP	Sgt Hem (Oil And Grease - Nonpolar	mg/l	-	-	-		-		-		0.6	J
1664	OILGREASEPOL	Hem Polar (Oil And Grease - Polar)	mg/l	-	-	-		1.4	U	1.4	U		
E537	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ng/l	-	-	2	U	1.9	UJ	1.9	UJ	1.9	U
E537	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ng/l	-	-	2	U	1.9	UJ	1.9	UJ	1.9	UJ
E537	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ng/l	-	-	0.48	J	1.9	UJ	1.9	UJ	3.6	J-
E537	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid	ng/l	-	-	2	U	1.9	U	1.9	UJ	1.9	U
E537	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSA/	ng/l	-	-	2	U	1.9	U	1.9	UJ	1.9	U
E537	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)	ng/l	-	-	2	U	0.28	J	0.25	J	0.51	J
E537	41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	377-73-1	Perfluoro-3-methoxypropanoic acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	863090-89-5	Perfluoro-4-methoxybutanoic acid	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	375-73-5	Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	2	U	2.6		2.6		3.4	
E537	375-22-4	Perfluorobutanoic Acid	ng/l	-	-	2	U	6.6		6.3		3.6	
E537	335-77-3	Perfluorodecanesulfonic acid (PFDS)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	335-76-2	Perfluorodecanoic acid (PFDA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	307-55-1	Perfluorododecanoic acid (PFDoA)	ng/l	-	-	2	U	1.9	UJ	1.9	UJ	1.9	U
E537	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	375-85-9	Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	2	U	2.8		2.8		2	
E537	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	2	U	1	J	0.99	J	7.3	
E537	307-24-4	Perfluorohexanoic acid (PFHxA)	ng/l	-	-	2	U	21		20		3.9	
E537	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	375-95-1	Perfluorononanoic acid (PFNA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	754-91-6	Perfluorooctane Sulfonamide (FOSA)	ng/l	-	-	2	U	1.9	U	1.9	UJ	1.9	U
E537	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ng/l	-	10	2	U	3.2		3		9	
E537	335-67-1	Perfluorooctanoic acid (PFOA)	ng/l	-	10	2	U	5		4.9		6.7	
E537	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ng/l	-	-	2	U	1.9	U	1.9	U	0.43	J
E537	2706-90-3	Perfluoropentanoic Acid (PFPeA)	ng/l	-	-	2	U	27		26		5.4	

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Table 4
[redacted] Woodview Avenue
Site Characterization Report
Groundwater Analytical Results

PARSONS

						Location		WVA-MW-01		WVA-MW-01		WVA-MW-02	
						Sample Date	6/24/2022	6/22/2022		6/22/2022		6/24/2022	
						Sample ID	WVA-MW-FB-01_20220624	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
						SDG	22F1701	22F1500		22F1500		22F1701	
						Matrix	WQ	WG		WG		WG	
						Sample Type Code	FB	N		FD		N	
Method	CAS_RN	Chemical Name	Unit	NY TOG GW	NYS MCL								
E537	376-06-7	Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	2	U	1.9	UJ	1.9	UJ	1.9	U
E537	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ng/l	-	-	2	U	1.9	U	1.9	U	1.9	U
E537	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2	U	1.9	U	1.9	UJ	1.9	U
SW8151	94-82-6	2,4-(Dichlorophenoxy)butyric acid	ug/l	-	-	-		0.5	U	0.5	U	0.48	U
SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	ug/l	-	-	-		0.5	U	0.5	U	0.48	U
SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l	35	-	-		0.1	U	0.1	U	0.096	U
SW8151	75-99-0	Dalapon	ug/l	-	-	-		1.2	U	1.2	U	1.2	U
SW8151	1918-00-9	Dicamba	ug/l	-	-	-		0.05	U	0.05	U	0.048	U
SW8151	120-36-5	Dichloroprop	ug/l	-	-	-		0.5	U	0.5	U	0.48	U
SW8151	88-85-7	Dinoseb	ug/l	-	-	-		0.25	U	0.25	U	0.24	U
SW8151	94-74-6	MCPA	ug/l	-	-	-		50	U	50	U	48	U
SW8151	93-65-2	Mecoprop	ug/l	-	-	-		50	U	50	U	48	U
SW8151	93-72-1	Silvex (2,4,5-TP)	ug/l	0.26	-	-		0.05	U	0.05	U	0.048	U
SW8270DSIM	123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	-	1	-		0.093	J	0.19	U	0.2	U

Indicates concentrations exceed applicable criteria

Italicized concentrations indicate Reporting Limits exceeded applicable criterion.

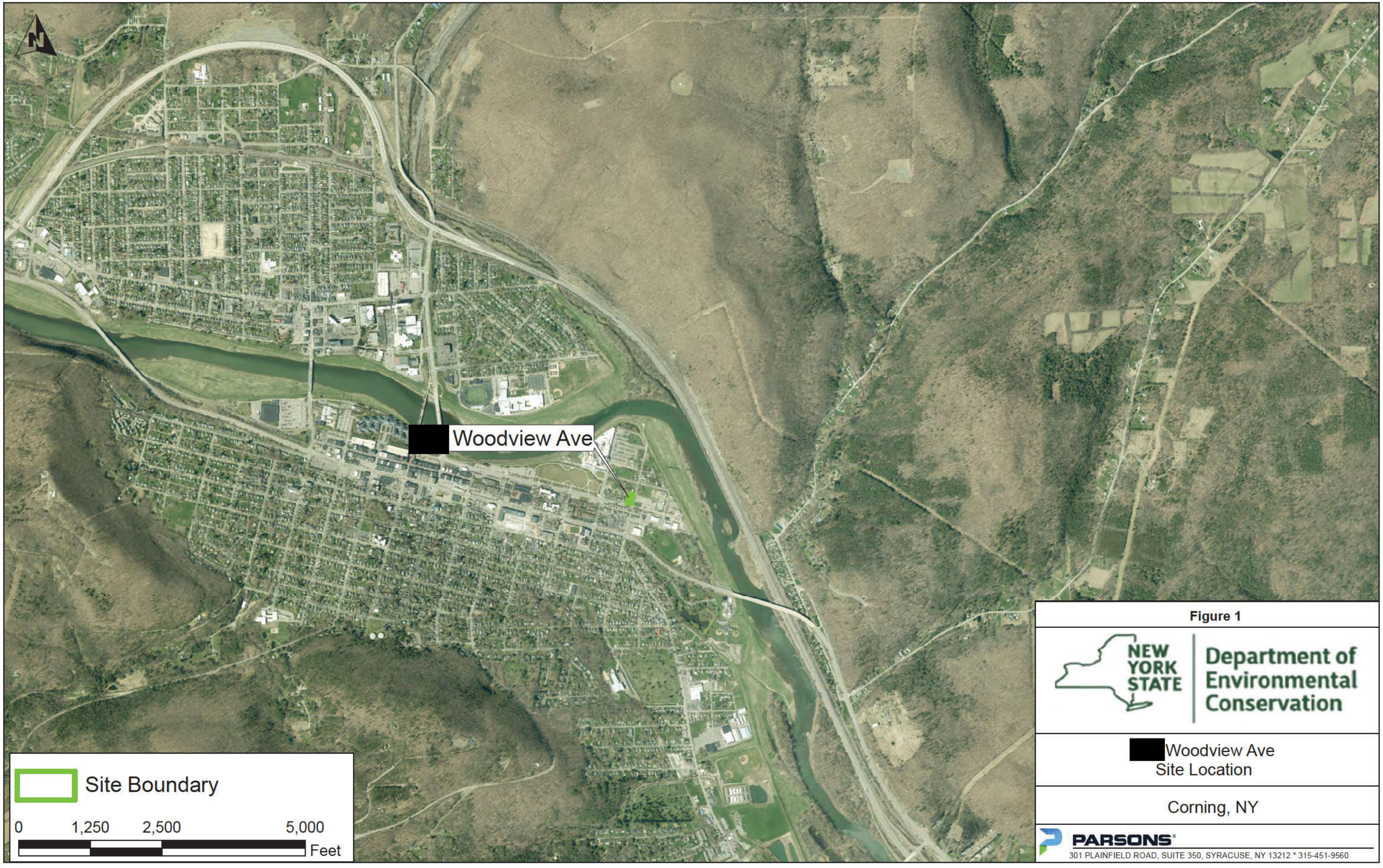
Analytical results were compared to TOGS 1.1.1 Class GA groundwater *Ambient Water Quality Standards and Guidance Values* (

PFOS, PFOA, and 1,4 Dioxane were compared to the NYCRR Title 10 Subpart 5-1 Public Water Systems Maximum Contaminant

Data qualifiers are shown as follows: "U" - not detected at the value given; "UJ" estimated and not detected at the value given,

biased high at the value given, "J-" estimated biased low at the value given, "N" - presumptive evidence at the value given, and

FIGURES



Plotted By: CS

Plot Date: 2/15/2023

Figure 1

NEW YORK STATE | Department of Environmental Conservation

Woodview Ave
Site Location

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560



Figure 2

NEW YORK STATE | Department of Environmental Conservation

Woodview Avenue
Site Plan

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560

Plotted By: CS

Plot Date: 5/26/2023



Figure 3

NEW YORK STATE | Department of Environmental Conservation

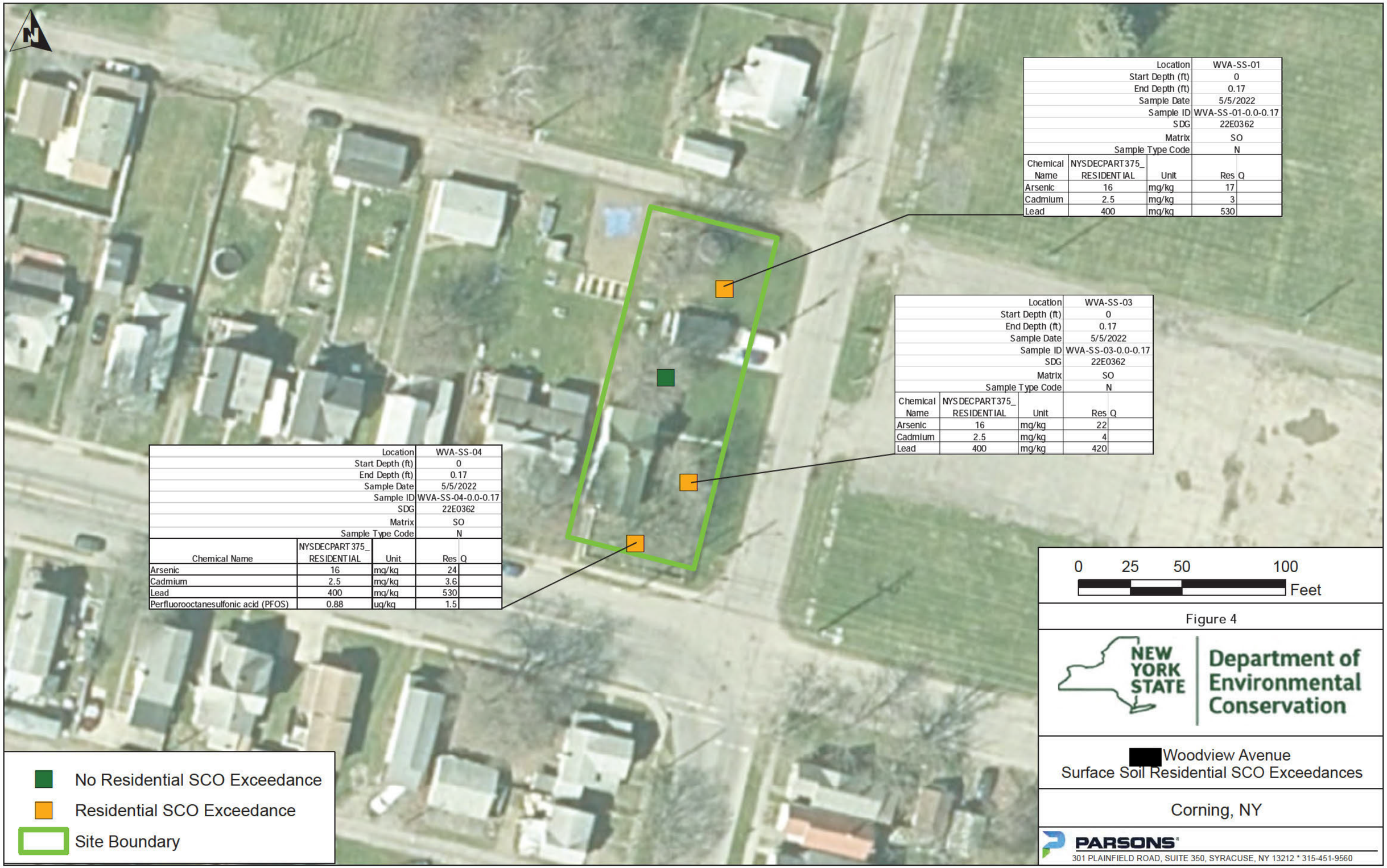
Woodview Ave
Observations of Target Fill Material

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560

Plotted By: CS

Plot Date: 2/15/2023



	Location	WVA-SS-01
	Start Depth (ft)	0
	End Depth (ft)	0.17
	Sample Date	5/5/2022
	Sample ID	WVA-SS-01-0.0-0.17
	SDG	22E0362
	Matrix	SO
	Sample Type Code	N

Chemical Name	NYSDECPART375_ RESIDENTIAL	Unit	Res	Q
Arsenic	16	mg/kg	17	
Cadmium	2.5	mg/kg	3	
Lead	400	mg/kg	530	

	Location	WVA-SS-03
	Start Depth (ft)	0
	End Depth (ft)	0.17
	Sample Date	5/5/2022
	Sample ID	WVA-SS-03-0.0-0.17
	SDG	22E0362
	Matrix	SO
	Sample Type Code	N

Chemical Name	NYSDECPART375_ RESIDENTIAL	Unit	Res	Q
Arsenic	16	mg/kg	22	
Cadmium	2.5	mg/kg	4	
Lead	400	mg/kg	420	

	Location	WVA-SS-04
	Start Depth (ft)	0
	End Depth (ft)	0.17
	Sample Date	5/5/2022
	Sample ID	WVA-SS-04-0.0-0.17
	SDG	22E0362
	Matrix	SO
	Sample Type Code	N

Chemical Name	NYSDECPART375_ RESIDENTIAL	Unit	Res	Q
Arsenic	16	mg/kg	24	
Cadmium	2.5	mg/kg	3.6	
Lead	400	mg/kg	530	
Perfluorooctanesulfonic acid (PFOS)	0.88	ug/kg	1.5	

No Residential SCO Exceedance

Residential SCO Exceedance

Site Boundary

0 25 50 100 Feet

Figure 4

NEW YORK STATE | Department of Environmental Conservation

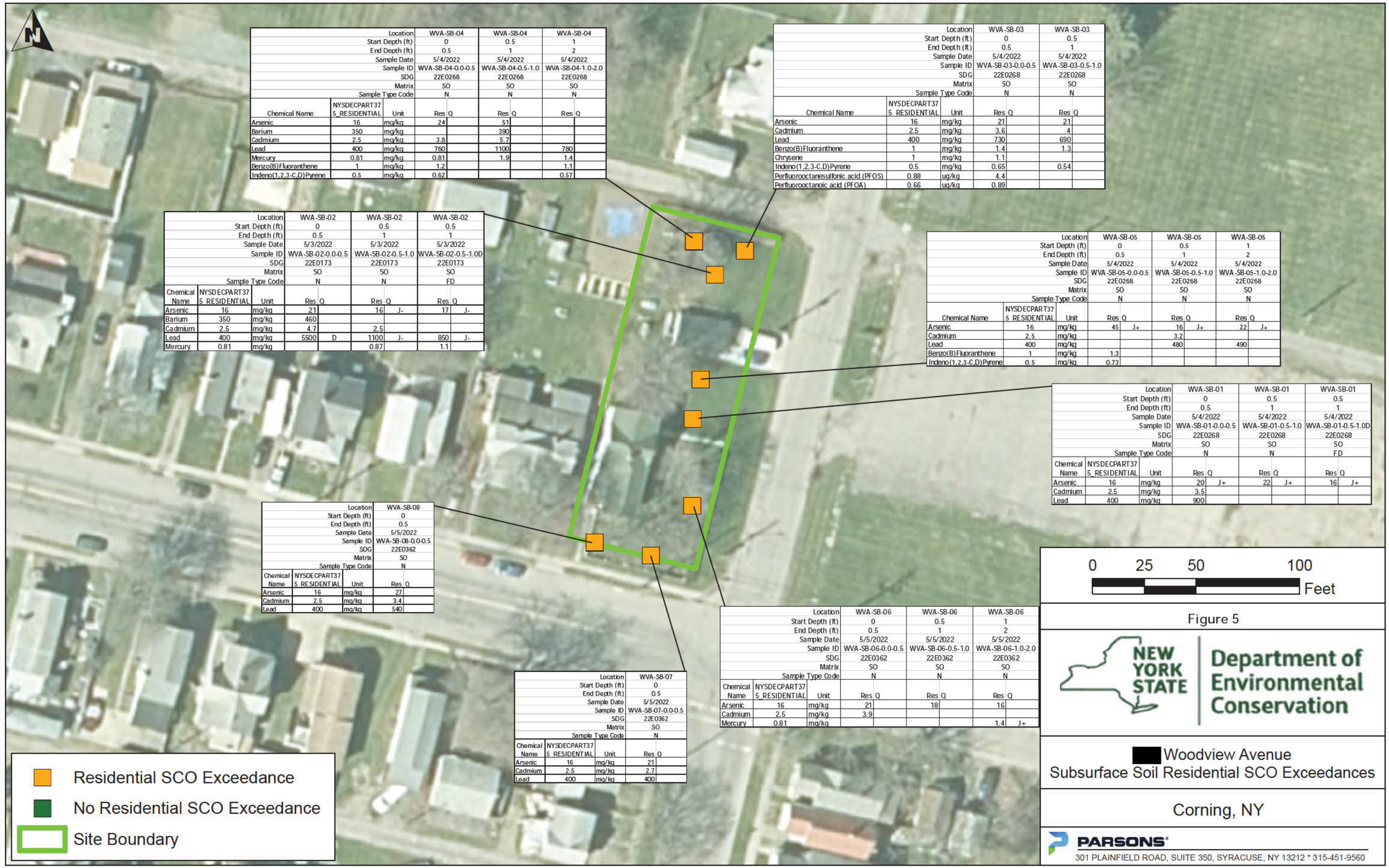
Woodview Avenue
Surface Soil Residential SCO Exceedances

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560

Plotted By: CS

Plot Date: 5/26/2023



			Location	WVA-SB-04		WVA-SB-04		WVA-SB-04	
			Start Depth (ft)	0		0.5		1	
			End Depth (ft)	0.5		1		2	
			Sample Date	5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
			SDG	22E0268		22E0268		22E0268	
			Matrix	SO		SO		SO	
			Sample Type Code	N		N		N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q	Res	Q
Arsenic	16	mg/kg		24		51			
Barium	350	mg/kg				390			
Cadmium	2.5	mg/kg		3.8		5.7			
Lead	400	mg/kg		760		1100		780	
Mercury	0.81	mg/kg		0.81		1.9		1.4	
Benzo(B)Fluoranthene	1	mg/kg		1.2				1.1	
Indeno(1,2,3-C,D)Pyrene	0.5	mg/kg		0.62				0.57	

			Location	WVA-SB-03		WVA-SB-03	
			Start Depth (ft)	0		0.5	
			End Depth (ft)	0.5		1	
			Sample Date	5/4/2022		5/4/2022	
			Sample ID	WVA-SB-03-0.0-0.5		WVA-SB-03-0.5-1.0	
			SDG	22E0268		22E0268	
			Matrix	SO		SO	
			Sample Type Code	N		N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q
Arsenic	16	mg/kg		21		21	
Cadmium	2.5	mg/kg		3.6		4	
Lead	400	mg/kg		730		690	
Benzo(B)Fluoranthene	1	mg/kg		1.4		1.3	
Chrysene	1	mg/kg		1.1			
Indeno(1,2,3-C,D)Pyrene	0.5	mg/kg		0.65		0.54	
Perfluorooctanesulfonic acid (PFOS)	0.88	ug/kg		4.4			
Perfluorooctanoic acid (PFOA)	0.66	ug/kg		0.89			

			Location	WVA-SB-02		WVA-SB-02		WVA-SB-02	
			Start Depth (ft)	0		0.5		0.5	
			End Depth (ft)	0.5		1		1	
			Sample Date	5/3/2022		5/3/2022		5/3/2022	
			Sample ID	WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D	
			SDG	22E0173		22E0173		22E0173	
			Matrix	SO		SO		SO	
			Sample Type Code	N		N		FD	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q	Res	Q
Arsenic	16	mg/kg		21		16	J-	17	J-
Barium	350	mg/kg		460					
Cadmium	2.5	mg/kg		4.7		2.5			
Lead	400	mg/kg		5500	D	1100	J-	850	J-
Mercury	0.81	mg/kg				0.87		1.1	

			Location	WVA-SB-05		WVA-SB-05		WVA-SB-05	
			Start Depth (ft)	0		0.5		1	
			End Depth (ft)	0.5		1		2	
			Sample Date	5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0	
			SDG	22E0268		22E0268		22E0268	
			Matrix	SO		SO		SO	
			Sample Type Code	N		N		N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q	Res	Q
Arsenic	16	mg/kg		45	J+	16	J+	22	J+
Cadmium	2.5	mg/kg				3.2			
Lead	400	mg/kg				480		490	
Benzo(B)Fluoranthene	1	mg/kg		1.3					
Indeno(1,2,3-C,D)Pyrene	0.5	mg/kg		0.73					

			Location	WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Start Depth (ft)	0		0.5		0.5	
			End Depth (ft)	0.5		1		1	
			Sample Date	5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D	
			SDG	22E0268		22E0268		22E0268	
			Matrix	SO		SO		SO	
			Sample Type Code	N		N		FD	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q	Res	Q
Arsenic	16	mg/kg		20	J+	22	J+	16	J+
Cadmium	2.5	mg/kg		3.5					
Lead	400	mg/kg		900					

			Location	WVA-SB-08	
			Start Depth (ft)	0	
			End Depth (ft)	0.5	
			Sample Date	5/5/2022	
			Sample ID	WVA-SB-08-0.0-0.5	
			SDG	22E0362	
			Matrix	SO	
			Sample Type Code	N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q
Arsenic	16	mg/kg		27	
Cadmium	2.5	mg/kg		3.4	
Lead	400	mg/kg		540	

			Location	WVA-SB-07	
			Start Depth (ft)	0	
			End Depth (ft)	0.5	
			Sample Date	5/5/2022	
			Sample ID	WVA-SB-07-0.0-0.5	
			SDG	22E0362	
			Matrix	SO	
			Sample Type Code	N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q
Arsenic	16	mg/kg		21	
Cadmium	2.5	mg/kg		2.7	
Lead	400	mg/kg		400	

			Location	WVA-SB-06		WVA-SB-06		WVA-SB-06	
			Start Depth (ft)	0		0.5		1	
			End Depth (ft)	0.5		1		2	
			Sample Date	5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0		WVA-SB-06-1.0-2.0	
			SDG	22E0362		22E0362		22E0362	
			Matrix	SO		SO		SO	
			Sample Type Code	N		N		N	
Chemical Name	NYSDECPART375_RESIDENTIAL	Unit		Res	Q	Res	Q	Res	Q
Arsenic	16	mg/kg		21		18		16	
Cadmium	2.5	mg/kg		3.9					
Mercury	0.81	mg/kg						1.4	J+

Residential SCO Exceedance

No Residential SCO Exceedance

Site Boundary

0 25 50 100

Feet

Figure 5

NEW YORK STATE Department of Environmental Conservation

Woodview Avenue
Subsurface Soil Residential SCO Exceedances

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560

Plotted By: CS

Plot Date: 2/15/2023

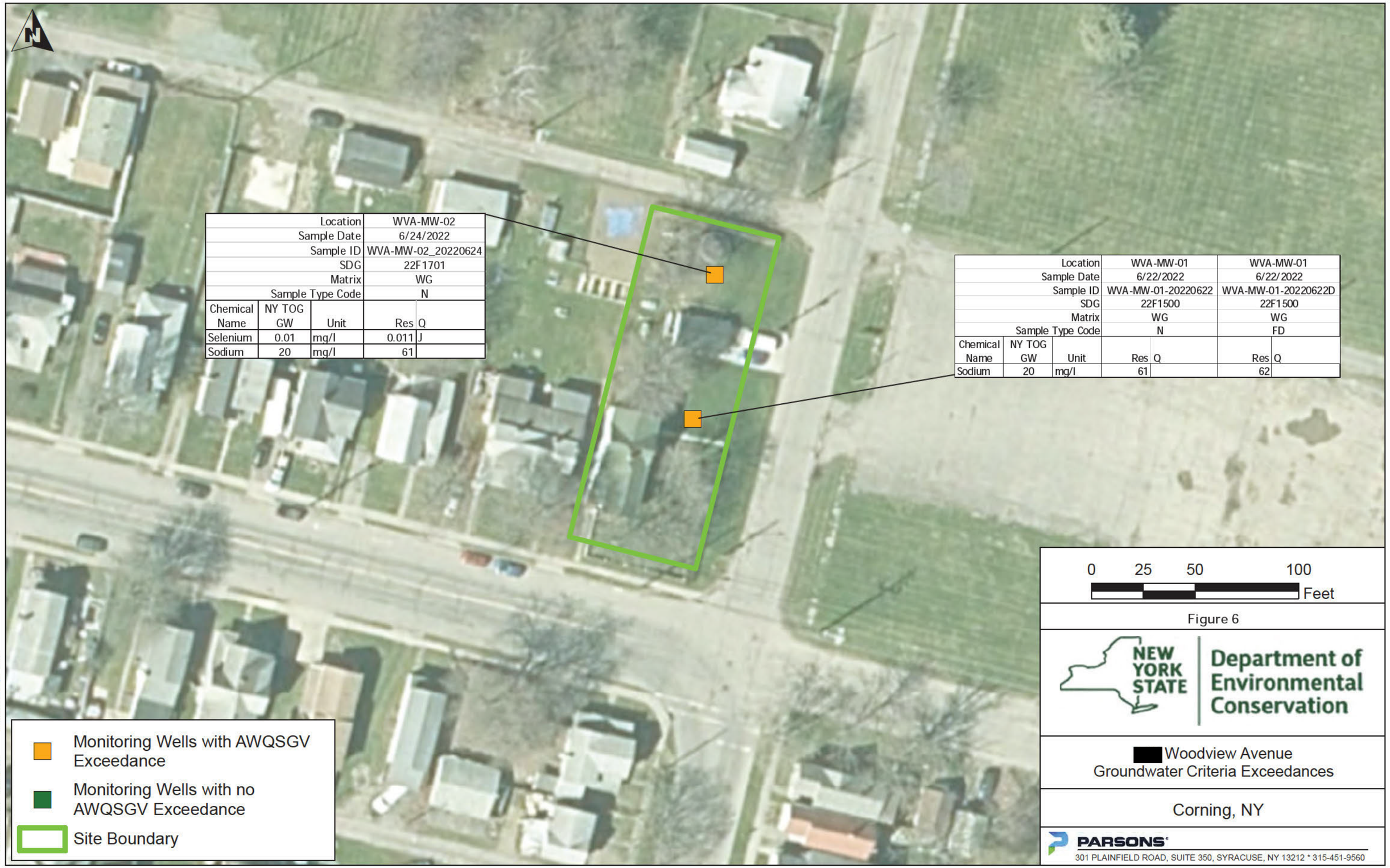


Figure 6

NEW YORK STATE | Department of Environmental Conservation

Woodview Avenue
Groundwater Criteria Exceedances

Corning, NY

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NY 13212 * 315-451-9560

Plotted By: CS

Plot Date: 2/15/2023

APPENDIX A
OBSERVATIONS OF TARGET FILL MATERIAL AT THE SITE

OBSERVATIONS OF TARGET FILL MATERIAL

[redacted] Woodview Avenue, Site Characterization

Corning, Steuben County, New York

Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway 12th Floor
Albany, New York 12233 – 7012

Prepared by:

301 Plainfield Road
Suite 350
Syracuse, New York 13212

June 2023

PURPOSE

This document is prepared for the New York State Department of Environmental Conservation (NYSDEC) and summarizes observations of target fill material consisting of ash, brick, and/or glass at the [redacted] Woodview Avenue site (the Site) (NYSDEC #851065) in Corning, New York. The following section describes and provides photographs of ABG observed at the Site.

SUMMARY OF FINDINGS

Examples of target fill material observed during implementation of the [redacted] Woodview Avenue Site Characterization are provided in **Photographs 1** through **4**. In addition to soils, the following materials were observed in excavated and sampled material from the Site:

- Ash
- Brick
- Glass
- Slag
- Ceramic



Photograph 1: Hand clearing excavation at SB-02 location A at [redacted] Woodview Avenue on 5/2/2022. Glass, ash, brick, and trace ceramics were observed in excavated material between 0 and 5 feet below ground surface. Slag and gray- and buff-colored ash are visible in the excavated material.



Photograph 2: Hand clearing excavation at SB-02 location C at [redacted] Woodview Avenue on 5/2/2022. Bricks, trace glass, and trace ash were observed in excavated material between 0 and 5 feet below ground surface. A red brick (pictured bottom left) was excavated from SB-02 location C.



Photograph 3: Hand clearing excavation at SB-01 location B at [redacted] Woodview Avenue on 5/2/2022. Ash, trace bricks, and trace glass were observed in excavated material between 0 and 5 feet below ground surface. Slag and gray- and buff-colored ash are visible in the excavated material. Bulk materials excavated from hand cleared locations are visible in the orange five-gallon bucket. A red brick and light, burgundy-colored chunk of cullet are visible in the bucket.



Photograph 4: Soil boring SB-02 from 0 to 2 feet below ground surface from [redacted] Woodview Avenue on 5/3/2023. A layer of ash and some slag was observed from 1.1 to 1.5 feet below ground surface. A layer of silt and some slag was observed from 1.5 to 2.0 feet below ground surface.

APPENDIX B
SURFACE SOIL SAMPLING LOGS

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Surface Soil	SURFACE SOIL NO: **SS-01**
LOCATION: Corning, NY	GRADE ELEV.: 923.14 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696352.48 ft, 780702 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, loose, dark brown coarse(-) to fine SAND, some Silt [SM]		HC 0	–	–	100	0		0
	SURFACE SOIL SAMPLE COLLECTED FROM 0 - 2 IN BGS								
1									1

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: N/A	
OVERSIGHT: H. Frentzel	METHOD: Post-Hole Digger	BOREHOLE DIA.: 6.00 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Surface Soil	SURFACE SOIL NO: **SS-02**
LOCATION: Corning, NY	GRADE ELEV.: 923.51 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696322.34 ft, 780673.27 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, loose, medium brown fine SAND, some Silt [SM]		HC 0	–	–	100	0		0
	SURFACE SOIL SAMPLE COLLECTED FROM 0 - 2 IN BGS								
1									1

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: N/A	
OVERSIGHT: H. Frentzel	METHOD: Post-Hole Digger	BOREHOLE DIA.: 6.00 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Surface Soil	SURFACE SOIL NO: **SS-03**
LOCATION: Corning, NY	GRADE ELEV.: 924.45 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696324.17 ft, 780617.52 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, soft, dark brown SILT, some medium(-) to fine SAND [MH]		HC 0	–	–	100	0		0
	SURFACE SOIL SAMPLE COLLECTED FROM 0 - 2 IN BGS								
1									1

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: N/A	
OVERSIGHT: H. Frentzel	METHOD: Post-Hole Digger	BOREHOLE DIA.: 6.00 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Surface Soil	SURFACE SOIL NO: **SS-04**
LOCATION: Corning, NY	GRADE ELEV.: 925.03 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696308.99 ft, 780585.54 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, loose, dark brown SILT, some fine Sand [MH]		HC 0	–	–	100	0		0
	SURFACE SOIL SAMPLE COLLECTED FROM 0 - 2 IN BGS								
1									1

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: N/A	
OVERSIGHT: H. Frentzel	METHOD: Post-Hole Digger	BOREHOLE DIA.: 6.00 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GP 11/8/22

APPENDIX C
SOIL BORING LOGS AND WELL CONSTRUCTION LOGS

BOREHOLE LOG

PROJECT: [redacted] Woodview Ave SC	TOC ELEV.: 923.85 ft asl	BOREHOLE NO: **SB-01/MW-01**
LOCATION: Corning, NY	GRADE ELEV.: 924.2 ft asl	START DATE: 05/04/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: 14 ft bgs	COMPLETION DATE: 05/04/2022
EASTING, NORTHING (ft): 696327.22 ft, 780651.49 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
0	Dry, soft, medium brown SILT, some fine Sand, little fine Gravel [ML]									Flush mt. w. 2-ft dia. conc. pad (0-0 5 ft bgs)	0
	Dry, soft, medium brown SILT, some fine Sand, little fine Gravel; white ash, brick, and slag [ML]		SS	1	5/3/2/2	–	100	0		Soil Sample (0.0-0 5 ft bgs) Soil Sample+FD (0.5-1.0 ft bgs) Soil Sample (1.0-2.0 ft bgs)	
	Dry, loose, black/white/tan, coarse(+) to fine SAND, some fine Gravel; mottled appearance containing ash, brick, and slag [SP]		SS	2	3/1/1/1	–	70	0		Grout (0.5-7.0 ft bgs) Soil Sample (3.0-4.0 ft bgs)	
5			SS	3	2/1/2/3	–	50	0		2" dia. PVC Riser (0-12 ft bgs)	5
	Moist, loose, light brown fine SAND, little fine Gravel; brick fragments [SP]										
	Moist, soft, medium brown SILT, little fine Sand, trace Clay [ML]		SS	4	4/2/2/2	–	100	0		Soil Sample (6.0-6 5 ft bgs) Bentonite Seal (7-10 ft bgs)	
			SS	5	3/3/3/5	–	100	0			
10	Moist, soft, medium brown SILT, little fine Sand, trace Clay, trace medium Gravel [ML]		SS	6	2/3/5/5	–	80	0		Filter Sand (10-22.5 ft bgs)	10
			SS	7	4/5/6/9	–	75	0		2" dia PVC .010-Slot Screen (12-22 ft bgs)	
	Moist, soft, dark brown SILT, little fine Sand, little medium Gravel [ML]										
	Wet, loose, grayish brown medium Gravel, some coarse Sand, little Silt [GP]		SS	8	8/7/9/9	–	25	0			
15			SS	9	7/3/5/9	–	20	0			15
	Wet. dense, medium brown medium(-) to fine Gravel, some coarse Sand, little Silt [GP]		SS	10	11/19/15/16	–	60	0			
20			SS	11	11/21/19/19	–	75	0		Soil Sample (21.0-22.0 ft bgs)	20
	Augured to 22.5 ft bgs										
23	BOREHOLE TD @ 22.5 FT BGS										23

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: Geoprobe 3150	
OVERSIGHT: H. Frentzel	METHOD: Hollow Stem Auger	BOREHOLE DIA.: 8.25 in

GENERIC BORING LOG (WITH MW) [redacted] WOODVIEW.GPJ 11/9/22

BOREHOLE LOG

PROJECT: [redacted] Woodview Ave SC	TOC ELEV.: 923.04 ft asl	BOREHOLE NO: **SB-02/MW-02**
LOCATION: Corning, NY	GRADE ELEV.: 923.48 ft asl	START DATE: 05/03/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: 4.5 ft bgs	COMPLETION DATE: 05/03/2022
EASTING, NORTHING (ft): 696340.94 ft, 780714.83 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
0	Dry, loose, medium brown medium SAND, some medium Gravel, little Silt [GM]		SS	1	4/3/3/4	–	100	0		Flush mt. w. 2-ft dia. conc. pad (0.0-0.5 ft bgs) Soil Sample (0.0-0 5 ft bgs) Soil Sample+FD (0.5-1.0 ft bgs)	0
	Dry, loose, light gray and black fine SAND, some fine Gravel, little Silt; mottled, ash and slag present [GM]										
	Moist, soft, medium brown SILT, some fine Gravel, little Clay; slag fragments [GM]										
	Moist, soft, medium brown SILT, some fine Sand, little fine Gravel; ash and slag fragments present, ending at 3 ft bgs [SM]		SS	2	2/1/1/1	–	100	0		Soil Sample (1.0-2.0 ft bgs) Soil Sample (2.0-3.0 ft bgs) Soil Sample (3.0-3 5 ft bgs)	
	Dry, loose, medium brown fine Sand and Silt, little Clay [SM]										
5	Wet, loose, medium brown fine Sand and Silt, little Clay [SM]		SS	3	3/2/2/4	–	100	0		2" dia. PVC riser (0.0-11.0 ft bgs)	5
	Moist, loose, medium brown fine SAND, some Silt, little Clay [SM]		SS	4	4/1/3/5	–	70	0		Grout (0.5-9.0 ft bgs) Bentonite Seal (6.0-9.0 ft bgs)	
	Moist, stiff, light brown SILT, some fine Sand, little Clay [SM]		SS	5	4/4/7/10	–	80	0		Filter Sand (9.0-21.5 ft bgs)	
10	Moist, soft, medium brown SILT, some Clay, little fine Sand [ML]		SS	6	3/5/5/6	–	60	0		2" dia. PVC 0.10-slot screen (11.0-21.0 ft bgs)	10
	Wet, dense, brown medium GRAVEL, some Silt, little Clay [GM]		SS	7	8/11/9/8	–	75	0			
15	Wet, dense, brown medium GRAVEL, little Silt [GM]		SS	8	6/7/6/5	–	40	0			15
	Wet, dense, brown medium to fine GRAVEL, little Silt [GM]		SS	9	6/4/5/8	–	–	0			
			SS	10	9/23/20/26	–	75	0			
20			SS	11	16/21//	–	20	0		Soil Sample (20.0-21.0 ft bgs)	20
	Augured to 21.5 ft bgs										
22	BOREHOLE TD @ 21.5 BGS										22

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: Geoprobe 3150	
OVERSIGHT: H. Frentzel	METHOD: Hollow Stem Auger	BOREHOLE DIA.: 8.25 in

GENERIC BORING LOG (WITH MW) [redacted] WOODVIEW.GP 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-03**
LOCATION: Corning, NY	GRADE ELEV.: 923.37 ft asl	START DATE: 05/04/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/04/2022
EASTING, NORTHING (ft): 696357.5 ft, 780726.88 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Moist, soft, dark brown SILT, some fine Sand, little medium Gravel [ML]							Soil Sample (0.0-0 5 ft bgs)	0
								Soil Sample (0 5-1.0 ft bgs)	
1			SS 1	2/2/3/2	–	100	0		
	Moist, soft, reddish brown SILT, some fine Sand, little medium Gravel; slag fragments [ML]							Soil Sample (1.0-2.0 ft bgs)	
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: Geoprobe 3150	
OVERSIGHT: H. Frentzel	METHOD: Hollow Stem Auger	BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-04**
LOCATION: Corning, NY	GRADE ELEV.: 923.34 ft asl	START DATE: 05/04/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/04/2022
EASTING, NORTHING (ft): 696325.28 ft, 780734.61 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Moist, loose, brown fine SAND, some Silt, little medium Gravel; ash and brick present from 1 - 2 ft bgs [ML]							Soil Sample (0.0-0 5 ft bgs)	0
								Soil Sample (0 5-1.0 ft bgs)	
1			SS 1	2/4/6/4	–	80	0		
								Soil Sample (1.0-2.0 ft bgs)	
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella

DRILLER: M. Deyette/ J. Morgan | EQUIPMENT: Geoprobe 3150

OVERSIGHT: H. Frentzel | METHOD: Hollow Stem Auger | BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-05**
LOCATION: Corning, NY	GRADE ELEV.: 923.44 ft asl	START DATE: 05/04/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/04/2022
EASTING, NORTHING (ft): 696338.26 ft, 780671.16 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Moist, soft, brown SILT, little fine Sand, little fine Gravel, trace Clay [ML]							Soil Sample (0.0-0 5 ft bgs)	0
1	Dry, loose, brown medium to fine(-) GRAVEL, some Silt; ash and slag present [GM]		SS 1	3/4/4/2	–	80	0	Soil Sample (0 5-1.0 ft bgs) Soil Sample (1.0-2.0 ft bgs)	
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: Geoprobe 3150	
OVERSIGHT: H. Frentzel	METHOD: Hollow Stem Auger	BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-06**
LOCATION: Corning, NY	GRADE ELEV.: 924.69 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696325.22 ft, 780608.97 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, loose, medium brown fine SAND and SILT, little fine Gravel; slag fragments present [ML]							Soil Sample (0.0-0 5 ft bgs)	0
								Soil Sample (0 5-1.0 ft bgs)	
1			MC 1	–	–	70	0		
								Soil Sample (1.0-2.0 ft bgs)	
	Dry, loose, light brown - black medium SAND, some fine Gravel; occasional brick and slag fragments [SP]								
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella

DRILLER: M. Deyette/ J. Morgan | EQUIPMENT: Geoprobe 3150

OVERSIGHT: H. Frentzel | METHOD: Hollow Stem Auger | BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-07**
LOCATION: Corning, NY	GRADE ELEV.: 925.02 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696316.42 ft, 780577.09 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, soft, dark brown SILT, little fine Sand, trace fine Gravel [MH]							Soil Sample (0.0-0 5 ft bgs)	0
	Dry, soft, light brown SILT, some Clay, little fine Sand, trace fine Gravel [ML]							Soil Sample (0 5-1.0 ft bgs)	
1			MC 1	–	–	95	0		
								Soil Sample (1.0-2.0 ft bgs)	
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella		
DRILLER: M. Deyette/ J. Morgan	EQUIPMENT: Geoprobe 3150	
OVERSIGHT: H. Frentzel	METHOD: Hollow Stem Auger	BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

TEST PIT / SOIL BORING LOG

PROJECT: [redacted] Woodview Ave SC	HOLE TYPE.: Soil Boring	BOREHOLE NO: **SB-08**
LOCATION: Corning, NY	GRADE ELEV.: 925.56 ft asl	START DATE: 05/05/2022
CLIENT: New York State Department of Environmental Conservation	OBS. DTW: NA	COMPLETION DATE: 05/05/2022
EASTING, NORTHING (ft): 696279.75 ft, 780586.37 ft	DATUM: NAD 83, NAVD 88	PAGE 1 of 1

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PID (ppm)	COMMENTS	Depth (ft)
0	Dry, loose, dark brown SILT, some fine Sand; slag present [MH]							Soil Sample (0.0-0 5 ft bgs)	0
								Soil Sample (0 5-1.0 ft bgs)	
1	Dry, loose, medium brown SILT and fine SAND, little Clay, little medium Gravel [MH]		MC 1	–	–	90	0		
								Soil Sample (1.0-2.0 ft bgs)	
2	BOREHOLE TD @ 2 FT BGS								
3									3

PARSONS

CONTRACTOR: Aztech/LaBella

DRILLER: M. Deyette/ J. Morgan | EQUIPMENT: Geoprobe 3150

OVERSIGHT: H. Frentzel | METHOD: Hollow Stem Auger | BOREHOLE DIA.: 2.25 in

TEST PIT/BORING LOG (NO MW) [redacted] WOODVIEW.GPJ 11/9/22

APPENDIX D
WELL DEVELOPMENT LOGS AND GROUNDWATER SAMPLING LOGS

WELL DEVELOPMENT LOG

Date	05/06/2022	Field Personnel	JM/HF	Weather	55 Rain
Site Name	[redacted] Woodview Ave	Contractor/Driller	LaBella/ M. Deyette	Well #	MW-01
Site Location	Corning, NY	Evacuation Method	Wattera	Date Installed:	05/04/2022

Well information:

Depth to bottom (initial)	21.70 ft.	Measurements taken from:	TOIC
Depth to bottom (final)	21.70 ft.	Well Diameter:	2 in.
Depth to water (initial)	15.60 ft.	Casing volume:	0.99 gal.
Depth to water (final)	15.65 ft.	Pump setting intake:	21.20 ft.

Start development time: 0815
End development time: 0941
Total time: 86 Minutes

Time	Cumulative Volume Water Removed (Gal)	Temp (celsius)	pH (s.u)	Conductivity (ms/cm)	Turbidity (NTU)	Approximate Flow Rate (GPM)	Depth to Water (feet)	Appearance of Water
0815	0.0	12.44	7.87	1.09	>1000	0	15.6	Turbid
0830	3.0	11.88	7.56	0.942	>1000	0.20	15.78	Turbid
0840	5.0	11.82	7.32	0.926	>1000	0.20	15.70	Turbid
0841	5.0	SURGE	WELL	TO CLEAR	TUBING	0.00	-	-
0845	5.0	12.20	7.15	0.986	>1000	0.00	15.70	Turbid
0900	7.0	11.49	7.03	0.968	>1000	0.04	15.65	Turbid
0915	8.5	12.21	7.01	0.951	>1000	0.10	15.65	Turbid
0930	9.5	12.48	7.17	0.931	>1000	0.07	15.65	Turbid
0941	10.0	12.38	7.15	0.922	>1000	0.05	15.65	Turbid

Development water characteristics:

Total volume of water removed: 10 Gallons

Physical appearance at start:		Physical appearance at stop:	
Color	Brown	Color	Light Bronw
Odor	Earth	Odor	None
Sheen/Free Product	None	Sheen/Free Product	None

Notes Buckets of developemnt water had silt in the bottom but DTB did not change. 10 well volumes purged from well.

WELL DEVELOPMENT LOG

Date	05/06/2022	Field Personnel	JM/HF	Weather	55 Rain
Site Name	[redacted] Woodview Ave	Contractor/Driller	LaBella/ M. Deyette	Well #	MW-02
Site Location	Corning, NY	Evacuation Method	Wattera	Date Installed:	05/05/2022

Well information:

Depth to bottom (initial)	21.28 ft.	Measurements taken from:	TOIC
Depth to bottom (final)	21.33 ft.	Well Diameter:	2 in.
Depth to water (initial)	14.77 ft.	Casing volume:	1.06 gal.
Depth to water (final)	14.85 ft.	Pump setting intake:	20.78 ft.

Start development time: 1357
End development time: 1427
Total time: 30 Minutes

Time	Cumulative Volume Water Removed (Gal)	Temp (celsius)	pH (s.u)	Conductivity (ms/cm)	Turbidity (NTU)	Approximate Flow Rate (GPM)	Depth to Water (feet)	Appearance of Water
1357	0.0	15.63	6.12	0.987	>1000	0.18	14.77	Turbid
1412	10.0	15.10	7.48	1.01	>1000	0.40	14.95	Turbid
1427	16.0	14.97	7.64	1.05	>1000	#REF!	14.85	Turbid

Development water characteristics:

Total volume of water removed: 16 Gallons

Physical appearance at start:		Physical appearance at stop:	
Color	Brown	Color	Brown
Odor	Earth	Odor	Earth
Sheen/Free Product	None	Sheen/Free Product	None

Notes Purged over 10 well volumes from well

Low Flow Ground Water Sampling Log

Date	06/22/22	Personnel	R. Inclima	Weather	80F Sunny
Site Name	[redacted] Woodview Ave.	Evacuation Method	Peristaltic pump	Well #	MW-01
Site Location	Corning, NY	Sampling Method	Low Flow	Project #	452766.02000

Well information:

Depth of Well	21.68 ft.	*Measurements taken from:		
Depth to Water	17.61 ft.		X	Top of Well Casing
H_{wc}	4.07 ft.			Top of Protective Casing
Depth to Intake	16.61 ft.			(Other, Specify)

Start Purge Time: 1320

		10%	0.1	3%	10 mV	10%	10%	100 - 500 mL/min
Elapsed Time (min)	**Depth to Water (ft)**	**Temperature (celsius)**	**pH**	**Conductivity (ms/cm)**	**Oxidation Reduction Potential**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Flow Rate (mL/min)**
5	17.62	20.4	6.14	0.973	172	2.00	557	300
15	17.62	20.13	6.51	0.935	166	3.15	236	300
20	17.62	20.13	6.62	0.921	165	3.05	107	300
25	17.62	20.58	6.68	0.905	165	3.04	86.4	300
30	17.63	20.73	6.75	0.890	166	3.54	36.7	300
40	17.63	19.9	6.82	0.895	167	3.90	11.4	300
45	17.63	19.95	6.84	0.896	167	3.82	20.6	300
50	17.63	20.5	6.86	0.886	168	3.57	15.2	300
60	17.63	20.51	6.87	0.884	170	3.60	11.8	300
65	17.63	20.57	6.87	0.883	170	3.61	12.4	300
70	17.63	19.86	6.88	0.899	171	3.94	9.4	300
75	17.63	19.8	6.88	0.903	171	3.99	8.9	300
80	17.63	19.97	6.88	0.905	171	3.85	5.0	300
85	17.63	20.07	6.89	0.905	172	3.85	5.4	300
90	17.64	20.13	6.9	0.904	172	4.01	7.6	300
100	17.64	20.35	6.91	0.902	172	3.99	7.4	300
105	17.64	20.21	6.91	0.904	173	3.96	5.8	300

End Purge Time: 1505

Water Sample

Time Collected: 1510

Total volume of purged water removed: 8 (gallons)

Physical appearance at start:

Color Turbid/Brown

Odor None

Sheen/Free Product None

Physical appearance at start:

Color Clear

Odor None

Sheen/Free Product None

Samples:

WVA-MW-EB-01_20220622 (Equipment Blank)
WVA-MW-FB-01_20220622 (Field Blank)
WVA-MW-TB-01_20220622 (Trip Blank)
WVA-MW-01_20220622 (Normal Sample)
WVA-MW-01_20220622D (Field Duplicate)

Notes:

None.

Low Flow Ground Water Sampling Log

Date	06/24/22	Personnel	L. Toot/R. Inclima	Weather	78F Mostly Sunny
Site Name	[redacted] Woodview Ave.	Evacuation Method	Peristaltic Pump	Well #	MW-02
Site Location	Corning, NY	Sampling Method	Low Flow	Project #	452766.02000

Well information:

Depth of Well	26.61 ft.	*Measurements taken from:		
Depth to Water	16.84 ft.		X	Top of Well Casing
H_{wc}	9.77 ft.			Top of Protective Casing
Depth to Intake	26 ft.			(Other, Specify)

Start Purge Time: 1040

		10%	0.1	3%	10 mV	10%	10%	100 - 500 mL/min
Elapsed Time (min)	**Depth to Water (ft)**	**Temperature (celsius)**	**pH**	**Conductivity (ms/cm)**	**Oxidation Reduction Potential**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**	**Flow Rate (mL/min)**
5	16.85	15.11	7.39	0.833	118	4.26	>1000	250
10	16.85	14.96	7.25	0.829	118	4.48	710	250
15	16.85	14.99	7.22	0.830	119	4.47	664	250
20	16.85	14.80	7.23	0.832	117	3.87	568	250
25	16.86	16.64	7.23	0.834	110	5.66	188	375
30	16.85	15.98	7.23	0.795	108	6.59	186	375
35	16.85	15.97	7.22	0.792	107	5.29	241	275
40	16.87	16.10	7.23	0.797	107	5.40	217	275
45	16.87	15.92	7.23	0.795	106	5.84	134	275
50	16.87	16.17	7.22	0.793	105	6.20	109	275
55	16.87	16.01	7.24	0.791	104	5.64	57.2	275
60	16.87	16.09	7.25	0.787	102	5.74	38.8	275
70	16.87	15.51	7.25	0.791	102	5.78	15.9	275
75	16.87	15.43	7.26	0.785	102	5.34	11.4	275
80	16.87	15.88	7.25	0.784	102	5.63	9.4	275
85	16.87	15.70	7.26	0.784	102	5.63	5.7	275

End Purge Time: 1225

Water Sample

Time Collected: 1230

Total volume of purged water removed: 6 (gallons)

Physical appearance at start:

Color: Turbid/Light Brown
Odor: None
Sheen/Free Product: None

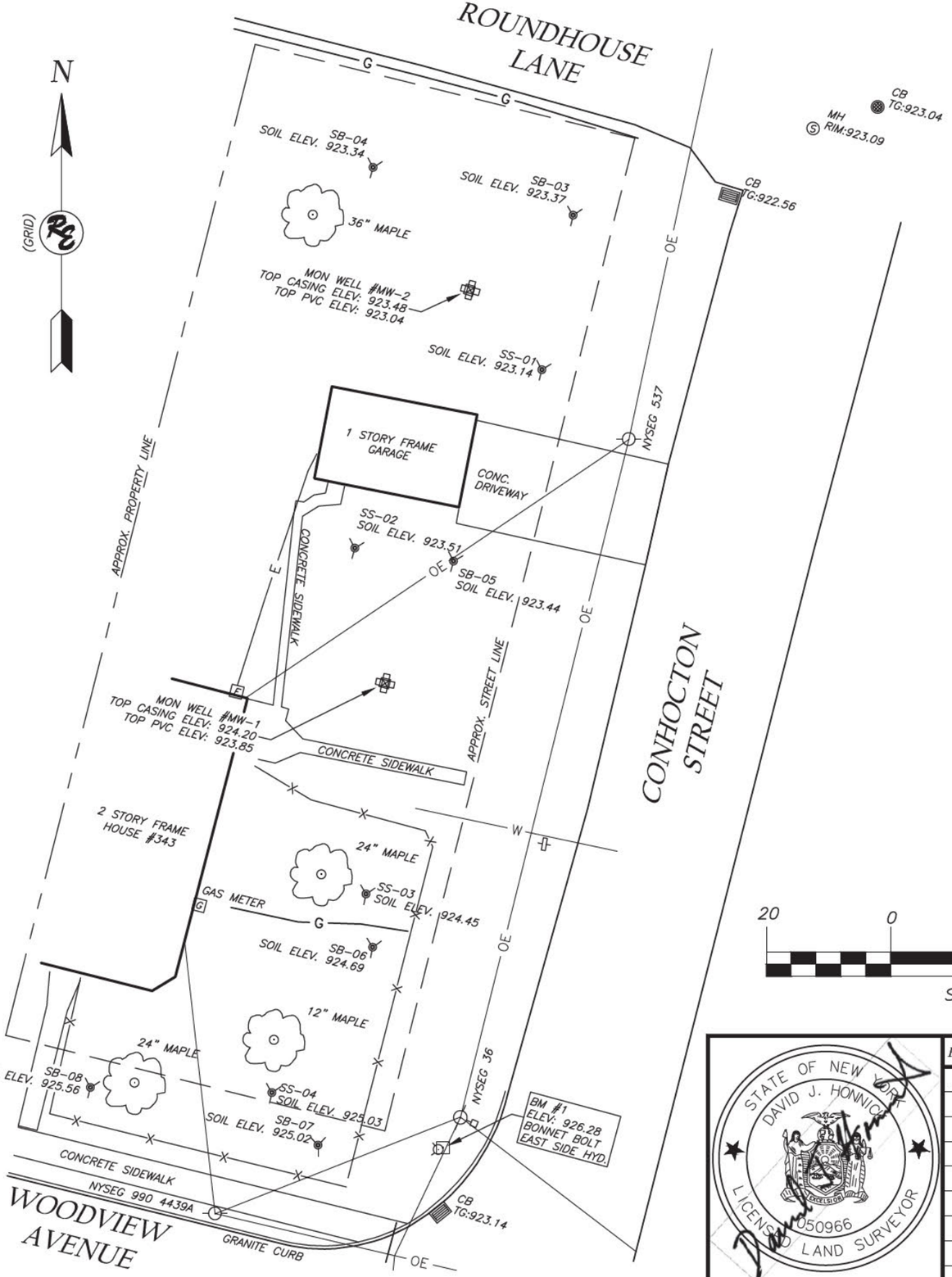
Physical appearance at start:

Color: Clear
Odor: None
Sheen/Free Product: None

Samples:
WVA-MW-EB-01_20220624 (Equipment Blank)
WVA-MW-FB-01_20220624 (Field Blank)
WVA-MW-TB-01_20220624 (Trip Blank)
WVA-MW-02_20220624 (Normal + MS/MSD)

Notes:
1102 battery died. 1120 resumed purging well.

APPENDIX E
TOPOGRAPHICAL SURVEY



WOODVIEW AVENUE

Monitoring Wells and Soil Borings

Point #	Northing	Easting	Gnd. Elev.	Well Cap Elev.	Top PVC Elev.
SB-04	780734.61	696325.28	923.34	------	------
SB-03	780726.88	696357.50	923.37	------	------
MW-02	780714.83	696340.94	------	923.48	923.04
SS-01	780702.00	696352.48	923.14	------	------
SS-02	780673.27	696322.34	923.51	------	------
SB-05	780671.16	696338.26	923.44	------	------
MW-01	780651.49	696327.22	------	924.20	923.85
SS-03	780617.52	696324.17	924.45	------	------
SB-06	780608.97	696325.22	924.69	------	------
SS-04	780585.54	696308.99	925.03	------	------
SB-07	780577.09	696316.42	925.02	------	------
SB-08	780586.37	696279.75	925.56	------	------

LEGEND

- UTILITY WATER VALVE
- UTILITY DRAINAGE MANHOLE
- UTILITY SANITARY MANHOLE
- SURVEY BENCHMARK
- UTILITY FIRE HYDRANT
- UTILITY GAS METER
- UTILITY ELECTRIC METER
- SOIL SAMPLING/BORING
- MONITORING WELL
- E — UTILITY UNDERGROUND ELECTRIC
- G — UTILITY UNDERGROUND GAS MAIN
- W — UTILITY UNDERGROUND WATER MAIN

SURVEY NOTES:

1. HORIZONTAL COORDINATE SYSTEM: N.A.D. '83(2011) N.Y.S.P.C.S. CENTRAL ZONE, US FOOT.
2. VERTICAL COORDINATE SYSTEM: N.A.V.D. '88.
3. FIELD WORK COMPLETED ON MAY 24, 2022 BY RAVI ENGINEERING AND LAND SURVEYING WITH CLEAR SITE CONDITIONS.
4. PROPERTY LINES SHOWN HEREON ARE APPROXIMATE ONLY.

20 0 20 40 60

SCALE 1"= 20'

WE, RAVI ENGINEERING & LAND SURVEYING, HEREBY CERTIFY THAT I AM A LICENSED LAND SURVEYOR AND THAT THIS MAP WAS COMPLETED ON MAY 31, 2022 FROM A SURVEY COMPLETED ON MAY 24, 2022.

SIGNED: DAVID J. HONNICK, PLS REGISTRATION # 050966 6-20-2022

STATE OF NEW YORK DAVID J. HONNICK 050966 LICENSED LAND SURVEYOR

REVISIONS:	BY:	DATE:
1. SAMPLING NO.'S	AJC	6/20/22

SURVEY PLAN
SHOWING MONITORING WELLS & SOIL SAMPLES
LOCATED AT:

343 WOODVIEW AVENUE

LOCATED IN

CITY OF CORNING, STEUBEN COUNTY, NEW YORK

Date : 6/1/22	Drawn By: AJC	Scale : 1" = 20'	Project # 23-22-010F

RAVI ENGINEERING & LAND SURVEYING, P.C.
2110 South Clinton Avenue, Suite 1
Rochester, New York 14618
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Plotted: Jun 20, 2022 - 8:29am

APPENDIX F
DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

[redacted] WOODVIEW AVENUE

SITE NUMBER 851065

Prepared For:

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7012

Prepared By:

301 Plainfield Road, Suite 350
Syracuse, New York 13212

JANUARY 2023

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ATTACHMENT A – VALIDATED LABORATORY DATA

Attachment A-1 Validated Laboratory Data for Soil Samples

Attachment A-2 Validated Laboratory Data for Groundwater Samples

SECTION 1 DATA USABILITY SUMMARY

Soil and groundwater samples were collected from the [redacted] Woodview Avenue site on May 3, 2022 through June 24, 2022. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Project Work Plan,
- USEPA analytical methodologies,
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review, and
- *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated June 2021.

The analytical laboratory for this project was Pace – New England (Pace) . This laboratory is certified to perform project analyses through the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.1 Laboratory Data Packages

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 103-161 days for the project samples. The data packages received from the laboratory were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized in Section 2.

1.2 Sampling and Chain-of-Custody

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at the laboratory within one day of sampling. All samples were received intact and in good condition at the laboratory.

1.3 Laboratory Analytical Methods

The soil samples that were collected from the site were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), 1,4-dioxane, pesticides, polychlorinated biphenyls (PCBs), herbicides, per- and polyfluoroalkyl substances (PFAS), metals, cyanide, toxicity characteristic leaching procedure (TCLP) metals, total organic carbon (TOC), and total petroleum hydrocarbons (TPH). The groundwater samples that were collected from the site were analyzed for VOCs, SVOCs, 1,4-dioxane, pesticides, PCBs, herbicides, PFAS, and metals. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.6. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,
"UJ" - estimated and not detected at the value given,
"J" - estimated at the value given,

"J+" - estimated biased high at the value given,
"J-" - estimated biased low at the value given,
"N" - presumptive evidence at the value given, and
"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

The project samples were analyzed for VOCs including 1,4-dioxane using the USEPA SW-846 8260D analytical methods. Certain reported results for these samples were qualified as estimated based upon matrix spike/matrix spike duplicate (MS/MSD) recoveries and instrument calibrations. The reported VOC analytical results were 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.2 Semivolatile Organic Analysis

Soil and groundwater samples were analyzed for SVOCs including 1,4-dioxane using the USEPA SW-846 8270E/8270E SIM analytical method. Certain reported results for these samples were qualified as estimated based upon sample MS/MSD recoveries, laboratory control sample (LCS) recoveries, instrument calibrations, and field duplicate precision. The reported SVOC analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.3 Pesticide, PCB, and Herbicide Organic Analysis

Soil and groundwater samples were analyzed for pesticides, PCBs, and herbicides using the USEPA SW-846 8081B, 8082A, and 8151A analytical methods, respectively. Certain reported results for these samples were qualified as estimated based upon instrument calibrations and sample result identifications. The reported pesticide, PCB, and herbicide analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.4 PFAS Organic Analysis

Soil and groundwater samples were analyzed for PFAS using the laboratory's SOP for PFAS analysis. Certain reported results for these samples were qualified as estimated based upon surrogate recoveries and instrument calibrations; and qualified as not detected based upon blank contamination. The reported PFAS analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.5 Inorganic Analysis

Soil and groundwater samples were analyzed for metals using the USEPA SW-846 6010D, 7470A, and 7471B analytical methods. Additionally, soil samples were analyzed for TCLP metals and cyanide using USEPA SW-846 6010D, 7470A, and 9014 analytical methods. Certain reported results for these samples were qualified as estimated based upon MS/MSD recoveries, LCS recoveries, laboratory duplicate precision, and instrument calibrations; and qualified as not detected based upon blank contamination. The reported inorganic analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

1.3.6 General Chemistry Analysis

Soil samples were analyzed for TOC using the USEPA approved Lloyd Kahn analytical method. Soil and groundwater samples were analyzed for TPH using USEPA SW-846 9071B and USEPA 1664 analytical methods. Certain reported results for these samples were qualified as estimated based upon MS/MSD recoveries. The reported general chemistry analytical results were considered 100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met.

SECTION 2 DATA VALIDATION REPORT

2.1 SOIL SAMPLES

Data review has been completed for data packages containing soil samples collected from the site. Analytical results from these samples were contained within sample delivery groups (SDGs) 22E0173, 22E0268, 22E0362, and 22E0442. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review, analytical methodologies, and the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated June 2021. The validated laboratory data are presented in Attachment A-1. Certain samples may have required dilution prior to analysis based upon sample matrix, color of extract, or large concentrations of target or non-target analytes. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, LCS recoveries, blank contamination, and continuing calibrations as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MSD accuracy result for 1,2,3-trichlorobenzene (67.6%R; QC limit 70-130%R) and the MS/MSD precision results for acrylonitrile (34.2%RPD; QC limit 0-30%RPD), tert-butyl alcohol (37.8%RPD; QC limit 0-30%RPD), trans-1,2-dichloroethene (39.4%RPD; QC limit 0-30%RPD), methyl tert-butyl ether (31.7%RPD; QC limit 0-30%RPD), and methylene chloride (37.6%RPD; QC limit 0-30%RPD) during the spiked analyses of sample WVA-SB-02-0.0-0.5. Validation qualification was not required for the affected parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recoveries for acrylonitrile (132%R; QC limit 70-130%R) associated with samples collected on 5/3/22; bromomethane (144%R, 131%R; QC limit 40-130%R) associated with samples collected on 5/4/22; and acrylonitrile (134%R; QC limit 70-130%R) and chloroethane (135%R; QC limit 70-130%R) associated with samples collected on 5/6/22. Validation qualification was not required for the affected samples.

Blank Contamination

The QC equipment blanks associated with the soil samples contained chloroform at concentrations of 6.3 and 7.4 µg/L. Validation qualification was not required for the affected samples.

Continuing Calibrations

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 and maximum percent differences (%Ds) within ±20% with the exception of bromomethane (26.5%D) and tetrahydrofuran (-20.6%D) in the continuing calibration associated with samples collected on 5/4/22; and acrylonitrile (20.4%D), bromoform (28.7%D), tert-buyl alcohol (46.9%D), carbon disulfide (22.4%D), chloroethane (35.0%D), chloromethane (-37.4%D), 1,1,1-trichloroethane (20.1%D), trichlorofluoromethane (25.3%D), and 1,1,2-trichloro-1,2,2-trifluoroethane (26.2%D) in the continuing calibration associated with samples collected on 5/6/22. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All volatile soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile soil data presented by the laboratory were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, initial and continuing calibrations, and field duplicate precision as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low surrogate recoveries for 2-fluorophenol (QC limit 30-130%R) in sample WVA-SB-05-0.5-1.0 (29.2%R); and nitrobenzene-d5 (QC limit 30-130%R) in sample WVA-SB-07-0.5-1.0 (29.7%R). Validation qualification was not required for the affected samples.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy results for aniline (19.1%R/19.4%R; QC limit 40-140%R), benzidine (0%R/0.08%R; QC limit 40-140%R), benzoic acid (12.2%R/10.3%R; QC limit 40-140%R), bis(2-chloroethyl)ether (33.9%R/36.3%R; QC limit 40-140%R), bis(2-chloroisopropyl)ether (34.7%D/38.2%D; QC limit 40-140%R), 4-chloroaniline (27.4%R/31.6%R; QC limit 40-140%R), 3,3'-dichlorobenzidine (13.6%R/16.4%R; QC limit 40-140%R), 2,4-dinitrophenol (9.64%R/15.3%R; QC limit 40-140%R), hexachlorocyclopentadiene (13.8%R/14.0%R; QC limit 30-130%R), 4-nitroaniline (33.1%R/39.3%R; QC limit 40-140%R), N-nitrosodimethylamine (28.9%R/30.2%R; QC limit 40-140%R), pentachlorophenol (10.3%R/13.5%R; QC limit 30-130%R), and pyridine (23.3%R/25.6%R; QC limit 40-140%R) during the spiked analyses of sample WVA-SB-02-0.0-0.5; the many low MS/MSD accuracy results during the spiked analyses of sample WVA-SB-01-1.0-2.0; and the low MS/MSD accuracy results for aniline (5.04%R/19.6%R; QC limit 40-140%R), benzidine (0%R/0%R; QC limit 40-140%R), 4-chloroaniline (15.4%R/39.5%R; QC limit 40-140%R), 3,3'-dichlorobenzidine (11.3%R/12.2%R; QC limit 40-140%R), and pyridine (17.5%R/33.4%R; QC limit 40-140%R) during the spiked analyses of sample WVA-SB-06-0.5-1.0. Therefore, results for these compounds considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the LCS recoveries for benzidine (185%R, 185%R; QC limit 40-140%R), benzoic acid (21.3%R, 21.7%R; QC limit 30-130%R), and 2,4-dinitrophenol (28.5%R; QC limit 30-130%R) associated with samples collected on 5/3/22 except WVA-SB-02-1.0-2.0; benzidine (205%R, 190%R; QC limit 40-140%R) associated with sample WVA-SB-02-1.0-2.0; benzoic acid (18.2%R, 12.3%R; QC limit 30-130%R), 2,4-dinitrophenol (27.3%R, 22.0%R; QC limit 30-130%R), pentachlorophenol (26.4%R, 24.4%R; QC limit 30-130%R), and N-nitrosodimethylamine (13.2%R; QC limit 40-140%R) associated with samples collected on 5/4/22 except WVA-SB-01-1.0-2.0; benzidine (177%R, 204%R; QC limit 40-140%R) and hexachlorocyclopentadiene (37.4%R; QC limit 40-140%R) associated with WVA-SB-01-1.0-2.0; benzidine (189%R, 207%R; QC limit 40-140%R) and 2,4-dinitrophenol (22.4%R, 24.4%R; QC limit 30-130%R) associated with samples WVA-SB-06-0.0-0.5, WVA-SB-06-0.5-1.0, WVA-SB-06-1.0-2.0, and WVA-SB-07-0.0-0.5; 2,4-dinitrophenol (184%R, 158%R; QC limit 30-130%R) associated with sample WVA-SS-01-0.0-0.17; and benzidine (156%R, 147%R; QC limit 40-140%R), bis(2-chloroethyl)ether (38.9%R, 39.1%R; QC limit 40-140%R), bis(2-chloroisopropyl)ether (38.9%R, 37.9%R; QC limit 40-140%R), 1,2-dichlorobenzene (38.3%R, 39.4%R; QC limit 40-140%R), 1,3-dichlorobenzene (35.6%R, 35.3%R; QC limit 40-140%R), 1,4-dichlorobenzene (36.8%R, 35.5%R; QC limit 40-140%R), hexachloroethane (32.8%R, 31.7%R; QC limit 40-140%R), and N-nitrosodimethylamine (26.7%R, 24.3%R; QC limit 40-140%R) associated with samples collected on 5/6/22. Validation qualification was not required for those compounds where LCS recoveries exceeded the QC limit for the affected samples. However, results for those compounds where LCS recoveries fell below the QC limit which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with minimum average relative response factors (RRFs) of 0.05 and maximum relative standard deviations (%RSDs) of 20% with the exception of benzidine (55.61%RSD) in the initial calibration associated with all samples. Therefore, results for this compound which were nondetects were considered estimated and qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 and maximum percent differences (%Ds) within ±20% with the exception of aniline (-27.6%D, -31.9%D), benzidine (-73.7%D, -47.8%D), and bis(2-chloroisopropyl)ether (-21.5%D, -30.3%D) in the continuing calibrations associated with samples collected on 5/3/22 and samples with lab IDs 22E0362-01 through -04, and -10 through -12; hexachlorocyclopentadiene (-23.5%D) and N-nitrosodimethylamine (-20.8%D) in the continuing calibrations associated with sample WVA-SB-02-1.0-2.0; aniline (-26.6%D, -33.7%D, -23.0%D, -31.9%D, -35.4%D) and benzidine (-50.2%D, -45.7%D, -65.3%D, -47.8%D, -54.8%D) in the continuing calibrations associated with samples collected on 5/4/22, 5/5/22, and 5/6/22; hexachlorocyclopentadiene (-29.5%D) in the continuing calibration associated with sample WVA-SB-01-1.0-2.0; bis(2-chloroisopropyl)ether (-25.4%D) and N-nitrosodimethylamine (-20.1%D) in the continuing calibration associated with samples with lab IDs 22E0268-01, -02, and -04 through -08; bis(2-chloroethyl)ether (-22.5%D), bis(2-chloroisopropyl)ether (-34.9%D), 1,2-diphenylhydrazine (-22.8%D), 2-nitroaniline (-22.2%D), and N-nitrosodimethylamine (-25.3%D) in the continuing calibration associated with samples with lab IDs 22E0268-03, -09 through -12, -14, 22E0362-05 through -09; bis(2-chloroisopropyl)ether (-32.8%D), hexachlorocyclopentadiene (-23.5%D), and 2-nitroaniline (-24.5%D) in the continuing calibration associated with sample WVA-SS-01-0.0-0.17 and samples collected 5/6/22 . Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the results for phenanthrene (nondetect and 0.25 mg/kg) associated with sample WVA-SB-01-0.5-1.0 and its field duplicate sample WVA-SB-01-0.5-1.0D. Therefore, the results for this compound were considered estimated with the positive result qualified "J" and the nondetected result qualified "UJ" for the affected parent sample and field duplicate.

Usability

All semivolatile soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The semivolatile soil data presented by the laboratory were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 Pesticide, PCB, and Herbicide

The following items were reviewed for compliancy in the pesticide, PCB, and herbicide analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries

- Laboratory method blank and field QC equipment blank contamination
- Initial calibrations
- Verification calibrations
- 4,4'-DDT/endrin breakdown
- Chromatogram quality
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, verification calibrations, and sample result identification as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the high MS accuracy result for dichloroprop (152%R; QC limit 30-150%R) during the spiked analyses of sample WVA-SB-02-0.0-0.5. Validation qualification was not required for the affected parent sample.

Verification Calibrations

All verification calibrations were considered acceptable with percent differences (%Ds) less than 20% with the exception of gamma-BHC (20.7%D, 25.8%D, 23.5%D, 20.4%D) in the verification calibrations associated with samples collected on 5/3/22, 5/4/22, and 5/5/22; and alpha-BHC (21.5%D, 26.0%D) and gamma-BHC (22.6%D, 28.3%D) in the verification calibration associated with samples collected on 5/6/22. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Sample Result Identifications

All positive pesticide, PCB, and herbicide sample results were verified and confirmed present on a secondary column with precision between the primary and secondary columns less than 40%RPD with the exception of 4,4-DDE in samples WVA-SB-05-1.0-2.0 (53.3%RPD) and WVA-SB-06-1.0-2.0 (51.4%RPD); and chlordane in sample WVA-SS-04-0.0-0.17 (41.6%RPD). Therefore, results for these compounds were considered estimated and qualified "J" for the affected samples.

Usability

All pesticide, PCB, and herbicide soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The pesticide, PCB, and herbicide soil data presented by the laboratory were 100% complete (i.e., usable). The validated pesticide, PCB, and herbicide laboratory data are tabulated and presented in Attachment A-1.

2.1.4 PFAS

The following items were reviewed for compliancy in the PFAS analysis:

- Custody documentation
- Holding times

- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment/field blank contamination
- Instrument performance
- Initial and continuing calibrations
- Internal standard responses
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, blank contamination, and continuing calibrations as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low surrogate recovery for M2-4:2 FTS associated with sample WVA-SS-EB-01 (44%R). Therefore, the associated result which was nondetect was considered estimated and qualified "UJ" for the affected sample.

Blank Contamination

The laboratory method blank associated with samples WVA-SB-05-1.0-2.0 and WVA-SB-01-0.0-0.5 contained 6:2 FTS below the reporting limit at concentration of 0.16 µg/kg. Validation qualification was not required for the affected samples.

Continuing Calibrations

All continuing calibrations were considered acceptable with percent differences (%Ds) within ±30% with the exception of N-MeFOSAA (-31.3%D) in the continuing calibration associated with samples WVA-SB-03-0.0-0.5 and WVA-SB-01-3.0-4.0 and samples collected on 5/5/22. Therefore, results for this compound which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All PFAS soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The PFAS soil data presented by the laboratory were 100% complete (i.e., usable). The validated PFAS laboratory data are tabulated and presented in Attachment A-1.

2.1.5 Inorganics (Including TCLP Metals)

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and field QC equipment blank contamination
- Interference check sample (ICS) recoveries
- MS/MSD recoveries

- LCS recoveries
- Laboratory duplicate precision
- Serial dilutions
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination, MS/MSD recoveries, LCS recoveries, and laboratory duplicate precision as discussed below.

Blank Contamination

The laboratory preparation blanks associated with samples collected on 5/3/22 contained boron, cyanide, and TCLP mercury below the reporting limit at concentrations of 3.2 mg/kg, 0.24 mg/kg, and 0.000089 mg/L, respectively; the laboratory preparation blanks associated with samples collected on 5/4/22 contained calcium, zinc, cyanide, and TCLP selenium at concentrations of 3.5 mg/kg, 1.6 mg/kg, 0.24 mg/kg, and 0.038 mg/L, respectively; the laboratory preparation blank associated with samples collected 5/5/22 contained copper, TCLP lead, and TCLP selenium below the reporting limit at concentrations of 0.24 mg/kg, 0.0045 mg/L, and 0.028 mg/L, respectively; and the laboratory preparation blank associated with samples collected on 5/6/22 contained aluminum, iron, lead, and zinc below the reporting limit at concentrations of 0.017, 0.031, 0.0068, and 0.0071 mg/L, respectively. Therefore, results for these analytes less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

MS/MSD Recoveries

All MS/MSD recoveries were considered acceptable and within the 75-125%R QC limit (80-120%R for mercury) with the exception of antimony (30.7%R, 31.5%R), boron (67.4%R, 69.0%R), chromium (73.7%R), selenium (72.7%R), mercury (129%R, 125%R), and TCLP mercury (130%R) associated with sample WVA-SB-02-0.0-0.5; antimony (52.6%R) associated with sample WVA-SB-03-0.0-0.5; antimony (40.7%R, 36.5%R), sodium (127%R), selenium (49.7%R), and TCLP silver (129%R) associated with sample WVA-SB-01-1.0-2.0; and TCLP silver (127%R) associated with sample WVA-SB-06-1.0-2.0. Therefore, results for those analytes where MS/MSD recoveries fell below the QC limit were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. Positive results for those analytes where MS/MSD recoveries exceeded the QC limit were considered estimated and qualified "J" for the affected samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within the 85-115 QC limit with the exception of the LCS recoveries for arsenic (72.4%R), calcium (78.8%R), lead (77.0%R), silver (74.6%R), vanadium (73%R), and TCLP mercury (130%R) associated with samples collected on 5/3/22; arsenic (118%R), barium (119%R), mercury (133%R), TCLP silver (129%R, 126%R), and TCLP selenium (135%R, 130%R) associated with samples collected on 5/4/22; zinc (177%R), mercury (143%R), TCLP selenium (125%R, 133%R), TCLP silver (126%R), and TCLP mercury (143%R) associated with samples collected on 5/5/22. Therefore, results for those analytes where LCS recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ" for the affected samples. Positive results for those analytes where LCS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J+" for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were considered acceptable and less than 35%RPD with the exception of the laboratory duplicate precision for calcium (42.3%RPD) associated with sample WVA-SB-03-0.0-0.5. Therefore, the calcium result was considered estimated and qualified "J" for the affected sample.

Usability

All inorganic soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The inorganic soil data presented by the laboratory were 100% complete (i.e., usable). The validated inorganic laboratory data are tabulated and presented in Attachment A-1.

2.1.6 General Chemistry

The following items were reviewed for compliancy in the general chemistry analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and field QC equipment blank contamination
- MS/MSD recoveries
- LCS recoveries
- Laboratory duplicate precision
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD recoveries as discussed below.

MS/MSD Recoveries

All MS/MSD recoveries were considered acceptable and within QC limits with the exception of the low MS/MSD recoveries for TPH (29.9%R, 39.2%R; QC limit 80-120%R) associated with sample WVA-SB-02-0.0-0.5. Therefore, the result for this analyte was considered estimated and qualified "J" for the affected sample.

Usability

All general chemistry soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The general chemistry soil data presented by the laboratory were 100% complete (i.e., usable). The validated general chemistry laboratory data are tabulated and presented in Attachment A-1.

2.2 GROUNDWATER SAMPLES

Data review has been completed for data packages containing groundwater samples collected from the site. Analytical results from these samples were contained within sample delivery groups (SDGs) 22F1500 and 22F1701. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review, analytical methodologies, and the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs*, dated June 2021. The validated laboratory data are presented in Attachment A-2. This data validation and usability report is presented by analysis type.

2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field QC equipment blank / trip blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy and continuing calibrations as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy result for tert butyl alcohol (64.9%R/64.2%R; QC limit 70-130%R) during the spiked analyses of sample MW-02-20220624. Therefore, the result for this compound which was nondetect was considered estimated and qualified "UJ" for the affected parent sample.

Continuing Calibrations

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 and maximum percent differences (%Ds) within ±20% with the exception of 2-butanone (-23.7%D), tert butyl alcohol (-35.5%D), chloromethane (25.4%D), naphthalene (-41.5%D), and 1,2,3-trichlorobenzene (-20.8%D) in the continuing calibration associated with samples collected on 6/22/22; and acetone (-26.8%D), acrylonitrile (-25.2%D), 2-butanone (-28.9%D), tert butyl alcohol (-41.4%D), 1,4-dioxane (-23.1%D), 2-hexanone (-25.7%D), and naphthalene (-36.5%D) in the continuing calibration associated with samples collected on 6/24/22. Therefore, the results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All volatile groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-2.

2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, LCS recoveries, and initial and continuing calibrations as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy results for benzoic acid (15.2%R/17.4%R; QC limit 40-140%R) and pyridine (38.9%R/38.4%R; QC limit 40-140%R) during the spiked analyses of sample MW-02-20220624. Therefore, the results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recoveries for 1,2-dichlorobenzene (38.7%R, 33.2%R, 29.5%R; QC limit 40-140%R), 1,3-dichlorobenzene (35.6%R, 31.5%R, 27.8%R; QC limit 40-140%R), 1,4-dichlorobenzene (36.8%R, 32.4%R, 29.1%R; QC limit 40-140%R), hexachloroethane (36.2%R, 31.0%R, 27.7%R; QC limit 40-140%R), and N-nitrosodimethylamine (32.2%R, 39.4%R, 32.4%R, 31.2%R; QC limit 40-140%R) associated with all samples; benzoic acid (9.22%R, 6.62%R; QC limit 10-130%R), hexachlorobutadiene (37%R, 35.8%R; QC limit 40-140%R), and 1,2,4-trichlorobenzene (39.0%R; QC limit 40-140%R) associated with samples collected on 6/24/22; and the high LCS recoveries for benzidine (178%R, 226%R; QC limit 40-140%R) associated with samples collected on 6/22/22. Therefore, results for those compounds where LCS recoveries fell below the QC limit which were nondetects were

considered estimated and qualified "UJ" for the affected samples. Validation qualification was not required for those compounds where LCS recoveries exceeded the QC limit.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with minimum average relative response factors (RRFs) of 0.05 and maximum percent relative standard deviations (%RSDs) of 20% with the exception of benzidine (26.5%RSD) and hexachlorocyclopentadiene (39.0%RSD) in the initial calibration associated with all samples. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with minimum relative response factors (RRFs) of 0.05 and maximum percent differences (%Ds) within ±20% with the exception of benzidine (-39.7%D, -36.6%D) in the continuing calibrations associated with all samples. Therefore, results for this compound which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All semivolatile groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The semivolatile groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 Pesticide, PCB, and Herbicide

The following items were reviewed for compliancy in the pesticide, PCB, and herbicide analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank contamination
- Initial calibrations
- Verification calibrations
- 4,4'-DDT/endrin breakdown
- Chromatogram quality
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All pesticide, PCB, and herbicide groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The pesticide, PCB, and herbicide groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated pesticide, PCB, and herbicide laboratory data are tabulated and presented in Attachment A-2.

2.2.4 PFAS

The following items were reviewed for compliancy in the PFAS analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and equipment/field blank contamination
- Instrument performance
- Initial and continuing calibrations
- Internal standard responses
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, LCS recoveries, and blank contamination as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within the 50-150%R QC limit with the exception of the low surrogate recoveries for M8-FOSA in samples with lab IDs 22F1500-01 (48%R) and -05 (49%R); M2-4:2 FTS in samples with lab IDs 22F1500-01 (45%R), -04 (34%R), -05 (32%R), and 22F1701-04 (37%R); M2-6:2 FTS in samples with lab IDs 22F1500-01 (44%R), -04 (36%R), -05 (40%R), and 22F1701-04 (46%R); M2-8:2 FTS in samples with lab IDs 22F1500-04 (47%R) and -05 (45%R); M2-PFTA in samples with lab IDs 22F1500-01 (47%R), -04 (37%R), and -05 (34%R); M-PFDoA in samples with lab IDs 22F1500-04 (39%R) and -05 (37%R); M7-PFUnA in sample with lab ID 22F1500-05 (47%R); d5-NEtFOSAA in sample with lab ID 22F1500-05 (49%R); and d3-NMeFOSAA in sample with lab ID 22F1500-05 (49%R). Therefore, results associated with these surrogates were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ" for the affected samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recovery for N-EtFOSAA (148%R; QC limit 61-135%R) associated with all samples. Validation qualification was not required for the affected samples.

Blank Contamination

The QC equipment and field blanks associated with the groundwater samples contained 6:2 FTS below the reporting limit at concentrations ranging 0.39-0.71 ng/L. Therefore, results for this compound less than validation action concentrations were considered not detected and qualified "U" for the affected samples.

Usability

All PFAS groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The PFAS groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated PFAS laboratory data are tabulated and presented in Attachment A-2.

2.2.5 Metals

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and equipment blank contamination
- Interference check sample (ICS) recoveries
- MS/MSD recoveries
- LCS recoveries
- Laboratory duplicate precision
- Serial dilutions
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of continuing calibration verifications and blank contamination as discussed below.

Continuing Calibration Verifications

All continuing calibration verifications were considered acceptable with recoveries within QC limits. All low standard continuing calibration verification recoveries were within the 70-130%R QC limit with the exception of the low standard recoveries for lead (51.2%R) and thallium (-39.7%R) associated with samples collected on 6/24/22. Therefore, results for these analytes which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Blank Contamination

The QC equipment blank associated with samples collected on 6/22/22 contained calcium, magnesium, and zinc below the reporting limit at concentrations of 0.16, 0.037, and 0.0046 mg/L, respectively. Validation qualification was not required for the affected samples.

Usability

All metals groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The metals groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated metals laboratory data are tabulated and presented in Attachment A-2.

2.2.6 General Chemistry

The following items were reviewed for compliancy in the general chemistry analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, preparation blank, and field QC equipment blank contamination
- MS/MSD recoveries
- LCS recoveries
- Laboratory duplicate precision
- Sample result verification and identification
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination as discussed below.

Blank Contamination

The QC equipment blank associated with samples collected on 6/22/22 contained TPH below the reporting limit at a concentration of 1.1 mg/L. Validation qualification was not required for the affected samples.

Usability

All general chemistry groundwater sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The general chemistry groundwater data presented by the laboratory were 100% complete (i.e., usable). The validated general chemistry laboratory data are tabulated and presented in Attachment A-2.

ATTACHMENT A – VALIDATED LABORATORY DATA

ATTACHMENT A-1 VALIDATED LABORATORY DATA FOR SOIL SAMPLES

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0 5-1 0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
6010C	7429-90-5	NA	Aluminum	mg/kg	9100		7900		9100		8800		990	
6010C	7440-36-0	NA	Antimony	mg/kg	2	U	1.9	U	1.9	U	1.9	UJ	2.1	U
6010C	7440-38-2	NA	Arsenic	mg/kg	20	J+	22	J+	16	J+	9.3		1.3	J
6010C	7440-39-3	NA	Barium	mg/kg	100	J+	140	J+	110	J+	110		140	J+
6010C	7440-41-7	NA	Beryllium	mg/kg	0.4		0.41		0.42		0.5		0 25	
6010C	7440-42-8	NA	Boron	mg/kg	7.3		4.3		3.8		4.1		4.2	U
6010C	7440-43-9	NA	Cadmium	mg/kg	3.5		1		0 67		0 39	U	0.42	U
6010C	7440-70-2	NA	Calcium	mg/kg	4100		3100		3000		2300		1200	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	13		11		12		11		3.3	
6010C	7440-48-4	NA	Cobalt	mg/kg	8		8		8.1		7.3		3.1	
6010C	7440-50-8	NA	Copper	mg/kg	160		26		28		46		23	
6010C	7439-89-6	NA	Iron	mg/kg	57000		17000		20000		21000		1500	
6010C	7439-92-1	NA	Lead	mg/kg	900		270		190		260		71	
6010C	7439-95-4	NA	Magnesium	mg/kg	2200		2500		2500		2500		120	
6010C	7439-96-5	NA	Manganese	mg/kg	460		600		580		550		8.8	
6010C	7440-02-0	NA	Nickel	mg/kg	17		15		15		15		5.5	
6010C	7440-09-7	NA	Potassium	mg/kg	1000		1000		1100		1100		210	
6010C	7782-49-2	NA	Selenium	mg/kg	4.1	U	3.8	U	3.8	U	3.9	UJ	4.2	U
6010C	7440-22-4	NA	Silver	mg/kg	0.41	U	0 38	U	0 38	U	0 57		0.42	U
6010C	7440-23-5	NA	Sodium	mg/kg	60	J	66	J	60	J	84	J	66	J
6010C	7440-28-0	NA	Thallium	mg/kg	2	U	1.9	U	1.9	U	1.9	U	2.1	U
6010C	7440-62-2	NA	Vanadium	mg/kg	14		14		15		17		14	
6010C	7440-66-6	NA	Zinc	mg/kg	100		120		83		86		34	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0.056		0.05	U	0.021	J	0.05	U	0.05	U
6010C	7440-39-3	TCLP	Barium	mg/l	0.78		0.64		0.48	J	0.37	J	0.72	
6010C	7440-42-8	TCLP	Boron	mg/l	0.29									
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.019		0.011		0.0074	J	0.0024	J	0.0013	J
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0.0035	J	0.0054	J	0.05	U	0.05	U	0.0026	J
6010C	7439-92-1	TCLP	Lead	mg/l	0.53		0.34		0.11		0.12		0.099	J
6010C	7782-49-2	TCLP	Selenium	mg/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
6010C	7440-22-4	TCLP	Silver	mg/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0.43		0.25		0.25		0.28		0.015	J
7471B	7439-97-6	TCLP	Mercury	mg/l	8E-05	J	6 2E-05	J	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg	0.12	U							0.026	U
8081B	309-00-2	NA	Aldrin	mg/kg	0.031	U							0.0065	U
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	0.031	U							0.0065	U
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg	0.031	U							0.0065	U
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	0.031	U							0.0065	U
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg	0.049	U							0.01	U
8081B	57-74-9	NA	Chlordane	mg/kg	0.12	U							0.026	U
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	0.031	U							0.0065	U
8081B	60-57-1	NA	Dieldrin	mg/kg	0.025	U							0.0052	U
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg	0.049	U							0.01	U
8081B	72-20-8	NA	Endrin	mg/kg	0.049	U							0.01	U
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg	0.049	U							0.01	U
8081B	53494-70-5	NA	Endrin Ketone	mg/kg	0.049	U							0.01	U
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg	0.012	UJ							0.0026	UJ
8081B	76-44-8	NA	Heptachlor	mg/kg	0.031	U							0.0065	U
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg	0.031	U							0.0065	U

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg	0.037	U						0.0077	U
8081B	72-43-5	NA	Methoxychlor	mg/kg	0 31	U						0.065	U
8081B	72-54-8	NA	P,P'-DDD	mg/kg	0.025	U						0.0052	U
8081B	72-55-9	NA	P P'-DDE	mg/kg	0.011	J						0.0052	U
8081B	50-29-3	NA	P,P'-DDT	mg/kg	0.011	J						0.0052	U
8081B	8001-35-2	NA	Toxaphene	mg/kg	0 61	U						0.13	U
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg	0.098	U						0.1	U
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg	0.098	U						0.1	U
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg	0.098	U						0.1	U
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg	0.098	U						0.1	U
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg	0.098	U						0.1	U
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg	0.098	U						0.1	U
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg	0.038	J						0.1	U
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg	0.098	U						0.1	U
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg	0.098	U						0.1	U
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg	0.0015	U						0.004	U
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg	0.0015	U						0.004	U
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg	0.00076	U						0.002	U
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	0.0076	U						0.02	U
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg	0.0015	U						0.004	U
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg	0.0015	U						0.004	U
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg	0.003	U						0.0079	U
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg	0.0015	U						0.004	U
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg	0.0015	U						0.004	U
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg	0.0015	U						0.004	U
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg	0.0015	U						0.004	U
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg	0.00076	U						0.002	U
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg	0.0015	U						0.004	U
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg	0.0015	U						0.004	U
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	0.0015	U						0.004	U
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg	0.00076	U						0.002	U
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg	0.076	U						0.2	U
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg	0.0015	U						0.004	U
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg	0.0015	U						0.004	U
8260C	591-78-6	NA	2-Hexanone	mg/kg	0.015	U						0 04	U
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg	0 00076	U						0.002	U
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg	0.0015	U						0.004	U
8260C	67-64-1	NA	Acetone	mg/kg	0 03	J						0.2	U
8260C	107-13-1	NA	Acrylonitrile	mg/kg	0.0046	U						0.012	U
8260C	71-43-2	NA	Benzene	mg/kg	0.0015	U						0.004	U
8260C	108-86-1	NA	Bromobenzene	mg/kg	0.0015	U						0.004	U
8260C	74-97-5	NA	Bromochloromethane	mg/kg	0.0015	U						0.004	U
8260C	75-27-4	NA	Bromodichloromethane	mg/kg	0.0015	U						0.004	U

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg	0.0015	U						0.004	U
8260C	74-83-9	NA	Bromomethane	mg/kg	0.0076	UJ						0 02	UJ
8260C	75-15-0	NA	Carbon Disulfide	mg/kg	0.0076	U						0 02	U
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg	0.0015	U						0.004	U
8260C	108-90-7	NA	Chlorobenzene	mg/kg	0.0015	U						0.004	U
8260C	75-00-3	NA	Chloroethane	mg/kg	0.015	U						0 04	U
8260C	67-66-3	NA	Chloroform	mg/kg	0.003	U						0.0079	U
8260C	74-87-3	NA	Chloromethane	mg/kg	0.0076	U						0 02	U
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg	0.0015	U						0.004	U
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg	0.00076	U						0.002	U
8260C	99-87-6	NA	Cymene	mg/kg	0.0015	U						0.004	U
8260C	124-48-1	NA	Dibromochloromethane	mg/kg	0.00076	U						0.002	U
8260C	74-95-3	NA	Dibromomethane	mg/kg	0.0015	U						0.004	U
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg	0.015	U						0 04	U
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg	0.015	U						0 04	U
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg	0.00076	U						0.002	U
8260C	100-41-4	NA	Ethylbenzene	mg/kg	0.0015	U						0.004	U
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.0015	U						0.004	U
8260C	108-20-3	NA	Isopropyl Ether	mg/kg	0 00076	U						0.002	U
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg	0.0015	U						0.004	U
8260C	179601-23-1	NA	m,p-Xylene	mg/kg	0.003	U						0.0079	U
8260C	79-20-9	NA	Methyl Acetate	mg/kg	0.0015	U						0.004	U
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.03	U						0.079	U
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	0.015	U						0 04	U
8260C	108-87-2	NA	Methylcyclohexane	mg/kg	0.0015	U						0.004	U
8260C	75-09-2	NA	Methylene Chloride	mg/kg	0.015	U						0 04	U
8260C	91-20-3	NA	Naphthalene	mg/kg	0.003	U						0.0079	U
8260C	104-51-8	NA	N-Butylbenzene	mg/kg	0.0015	U						0.004	U
8260C	103-65-1	NA	N-Propylbenzene	mg/kg	0.0015	U						0.004	U
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.0015	U						0.004	U
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg	0.0015	U						0.004	U
8260C	100-42-5	NA	Styrene	mg/kg	0.0015	U						0.004	U
8260C	98-06-6	NA	T-Butylbenzene	mg/kg	0.0015	U						0.004	U
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg	0.076	U						0.2	U
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg	0.003	U						0.0079	U
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg	0.0015	U						0.004	U
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg	0.0076	UJ						0.02	UJ
8260C	108-88-3	NA	Toluene	mg/kg	0.0015	U						0.004	U
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg	0.0015	U						0.004	U
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg	0 00076	U						0.002	U
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg	0.003	U						0.0079	U
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg	0.0015	U						0.004	U
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg	0.0076	U						0.02	U
8260C	75-01-4	NA	Vinyl Chloride	mg/kg	0.0076	U						0.02	U
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 22	U	0.2	U	0 35		0 21	UJ	0 22	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0 84	UJ	0.78	UJ	0.78	UJ	0.8	UJ	0.85	UJ
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0.22	U	0.2	U	0.33		0.21	UJ	0.22	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0.84	U	0.78	U	0.78	U	0.8	UJ	0.85	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	62-53-3	NA	Aniline	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	92-87-5	NA	Benzidine	mg/kg	0.84	UJ	0.78	UJ	0.78	UJ	0.8	UJ	0.85	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.11	J	0.2	U	0.076	J	0.21	UJ	0.22	U
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.11	J	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0.16	J	0.2	U	0.099	J	0.085	J	0.12	J
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.3	UJ	1.2	UJ	1.2	UJ	1.2	UJ	1.3	UJ
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	218-01-9	NA	Chrysene	mg/kg	0.22		0.08	J	0.17	J	0.078	J	0.3	
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.22	U	0.2	U	0.2	U	0.21	UJ	0.22	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.43	U	0.4	U	0.11	J	0.41	UJ	0.44	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0 23		0.2	U	0.1	J	0.089	J	0 22	U
8270D	86-73-7	NA	Fluorene	mg/kg	0 22	U	0.2	U	0.2	U	0 21	UJ	0 22	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0 22	U	0.2	U	0.2	U	0 21	UJ	0 22	U
8270D	78-59-1	NA	Isophorone	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 22	U	0.2	U	0.097	J	0.21	UJ	0.22	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.43	UJ	0.4	UJ	0.4	UJ	0.41	UJ	0.44	UJ
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.15	J	0.2	UJ	0.25	J	0.21	UJ	0.32	
8270D	108-95-2	NA	Phenol	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
8270D	129-00-0	NA	Pyrene	mg/kg	0.18	J	0.2	U	0.1	J	0.083	J	0.22	U
8270D	110-86-1	NA	Pyridine	mg/kg	0.43	U	0.4	U	0.4	U	0.41	UJ	0.44	U
A2540G	SOLID	NA	Solids, Percent	%	79		84.9		84.7		82.5		77.4	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	0.49	U							0.52	U
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg	0.49	U							0.52	U
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	0.49	U							0.52	U
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	0.49	U							0.63	
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	0.49	U							0.52	U
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	0.49	U							0.52	U
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	0.49	U							0.52	U
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0.49	U							0.52	U
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0.49	U							0.52	UJ
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	0.49	U							0.52	U
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	0.49	U							0.52	U
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	0.49	U							0.52	U
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	0.49	U							0.52	U
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg	0.49	U							0.52	U
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg	0.49	U							0.52	U
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg	0.49	U							0.52	U
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg	0.22	J							0.52	U
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg	0.49	U							0.52	U
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg	0.1	J							0.52	U
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg	0.49	U							0.52	U
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	0.49	U							0.52	U
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg	0.14	J							0.52	U
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	0.49	U							0.52	U
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg	0.42	J							0.52	U
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg	0.49	U							0.52	U
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg	0.18	J							0.52	U
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg	0.49	U							0.52	U
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.86								0.52	U

			Location ID	WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01		WVA-SB-01	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-01-0.0-0.5		WVA-SB-01-0.5-1.0		WVA-SB-01-0.5-1.0D		WVA-SB-01-1.0-2.0		WVA-SB-01-3.0-4.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-10		22E0268-11		22E0268-12		22E0268-13		22E0268-14	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		FD		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg	0 58							0 52	U
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	0.49	U						0 52	U
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg	1.1							0 52	U
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg	0.49	U						0 52	U
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	0.49	U						0 52	U
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.49	U						0 52	U
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg									
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg	130	U						130	U
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	24	J						130	U
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg	13	U						13	U
SW8151	75-99-0	NA	Dalapon	ug/kg	320	U						320	U
SW8151	1918-00-9	NA	Dicamba	ug/kg	13	U						13	U
SW8151	120-36-5	NA	Dichloroprop	ug/kg	130	U						130	U
SW8151	88-85-7	NA	Dinoseb	ug/kg	63	U						65	U
SW8151	94-74-6	NA	MCPA	ug/kg	13000	U						13000	U
SW8151	93-65-2	NA	Mecoprop	ug/kg	13000	U						13000	U
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg	13	U						13	U
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	20	U	3.8	U	17	U	3.6	U	4	U
SW9014	57-12-5	T	Cyanide	mg/kg	2.1							2	
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	143							222	

				Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
				Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
				Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
				SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
				Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	10000		8500		8000		7800		7700	
6010C	7440-36-0	NA	Antimony	mg/kg	2	U	5.2	J	1.9	U	1.9	U	2	U
6010C	7440-38-2	NA	Arsenic	mg/kg	7.4	J+	21		16	J-	17	J-	8.7	J-
6010C	7440-39-3	NA	Barium	mg/kg	120	J+	460		260		250		100	
6010C	7440-41-7	NA	Beryllium	mg/kg	0.45		0.45		0.44		0.43		0.44	
6010C	7440-42-8	NA	Boron	mg/kg	3.2	J	9.2	J	7.1		6.6		4	U
6010C	7440-43-9	NA	Cadmium	mg/kg	0 39	U	4.7		2.5		2.4		0.44	
6010C	7440-70-2	NA	Calcium	mg/kg	2100		14000		9400	J-	10000	J-	2400	J-
6010C	7440-47-3	NA	Chromium, Total	mg/kg	12		23	J	16		15		8.7	
6010C	7440-48-4	NA	Cobalt	mg/kg	9.5		7.5		6.2		7		5.5	
6010C	7440-50-8	NA	Copper	mg/kg	15		51		38		37		26	
6010C	7439-89-6	NA	Iron	mg/kg	21000		16000		14000		14000		12000	
6010C	7439-92-1	NA	Lead	mg/kg	22		5500		1100	J-	850	J-	200	J-
6010C	7439-95-4	NA	Magnesium	mg/kg	3100		3000		2500		2300		1400	
6010C	7439-96-5	NA	Manganese	mg/kg	690		430		390		450		300	
6010C	7440-02-0	NA	Nickel	mg/kg	18		15		14		14		11	
6010C	7440-09-7	NA	Potassium	mg/kg	1300		1200		970		930		950	
6010C	7782-49-2	NA	Selenium	mg/kg	3.9	U	4.1	UJ	3.8	U	3.8	U	4	U
6010C	7440-22-4	NA	Silver	mg/kg	0 39	U	0.41	U	0 38	UJ	0 38	UJ	0.4	UJ
6010C	7440-23-5	NA	Sodium	mg/kg	56	J	65	J	71	J	54	J	100	J
6010C	7440-28-0	NA	Thallium	mg/kg	2	U	2	U	1.9	U	1.9	U	2	U
6010C	7440-62-2	NA	Vanadium	mg/kg	13		16		14	J-	14	J-	15	J-
6010C	7440-66-6	NA	Zinc	mg/kg	60		1200		640		650		86	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0 05	U	0.035	J	0.031	J	0.026	J	0 05	U
6010C	7440-39-3	TCLP	Barium	mg/l	0.44	J	1.2		0.99		1		0.43	J
6010C	7440-42-8	TCLP	Boron	mg/l										
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.0012	J	0.032		0.024		0.025		0.0033	J
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0.0098	J	0.0038	J	0.004	J	0.0042	J	0.0027	J
6010C	7439-92-1	TCLP	Lead	mg/l	0.016	J	0.46		0 69		0.72		0.12	
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0.068	J+	0 56	J	0 87		1.1		0 24	
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U	0.0001	U	0.00011		0.00014		0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg			0.12	U						
8081B	309-00-2	NA	Aldrin	mg/kg			0 03	U						
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg			0 03	U						
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg			0 03	U						
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg			0 03	U						
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg			0.048	U						
8081B	57-74-9	NA	Chlordane	mg/kg			0.12	U						
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg			0 03	U						
8081B	60-57-1	NA	Dieldrin	mg/kg			0.024	U						
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg			0.048	U						
8081B	72-20-8	NA	Endrin	mg/kg			0.048	U						
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg			0.048	U						
8081B	53494-70-5	NA	Endrin Ketone	mg/kg			0.048	U						
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg			0.012	UJ						
8081B	76-44-8	NA	Heptachlor	mg/kg			0 03	U						
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg			0 03	U						

			Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
			Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
			Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
			SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
			Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg		0.036	U						
8081B	72-43-5	NA	Methoxychlor	mg/kg		0.3	U						
8081B	72-54-8	NA	P,P'-DDD	mg/kg		0.024	U						
8081B	72-55-9	NA	P P'-DDE	mg/kg		0.0047	J						
8081B	50-29-3	NA	P,P'-DDT	mg/kg		0.0067	J						
8081B	8001-35-2	NA	Toxaphene	mg/kg		0.6	U						
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg		0.096	U						
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg		0.096	U						
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg		0.096	U						
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg		0.096	U						
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg		0.096	U						
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg		0.096	U						
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg		0.096	U						
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg		0.096	U						
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg		0.096	U						
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg		0.0022	U						
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg		0.0022	U						
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg		0.0011	U						
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg		0.011	U						
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg		0.0022	U						
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg		0.0022	U						
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg		0.0044	U						
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg		0.0022	U						
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg		0.0022	U						
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg		0.0022	U						
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg		0.0022	U						
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg		0.0022	U						
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg		0.0022	U						
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg		0.0011	U						
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg		0.0022	U						
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg		0.0022	U						
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg		0.0022	U						
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg		0.0022	U						
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg		0.0022	U						
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg		0.0022	U						
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg		0.0011	U						
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg		0.0022	U						
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg		0.11	U						
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg		0.0022	U						
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg		0.0022	U						
8260C	591-78-6	NA	2-Hexanone	mg/kg		0.022	U						
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg		0.0011	U						
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg		0.0022	U						
8260C	67-64-1	NA	Acetone	mg/kg		0.055	J						
8260C	107-13-1	NA	Acrylonitrile	mg/kg		0.0065	U						
8260C	71-43-2	NA	Benzene	mg/kg		0.0022	U						
8260C	108-86-1	NA	Bromobenzene	mg/kg		0.0022	U						
8260C	74-97-5	NA	Bromochloromethane	mg/kg		0.0022	U						
8260C	75-27-4	NA	Bromodichloromethane	mg/kg		0.0022	U						

			Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
			Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
			Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
			SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
			Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg		0.0022	U						
8260C	74-83-9	NA	Bromomethane	mg/kg		0.011	U						
8260C	75-15-0	NA	Carbon Disulfide	mg/kg		0.011	U						
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg		0.0022	U						
8260C	108-90-7	NA	Chlorobenzene	mg/kg		0.0022	U						
8260C	75-00-3	NA	Chloroethane	mg/kg		0.022	U						
8260C	67-66-3	NA	Chloroform	mg/kg		0.0044	U						
8260C	74-87-3	NA	Chloromethane	mg/kg		0.011	U						
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg		0.0022	U						
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg		0.0011	U						
8260C	99-87-6	NA	Cymene	mg/kg		0.0022	U						
8260C	124-48-1	NA	Dibromochloromethane	mg/kg		0.0011	U						
8260C	74-95-3	NA	Dibromomethane	mg/kg		0.0022	U						
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg		0.022	U						
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg		0.022	U						
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg		0.0011	U						
8260C	100-41-4	NA	Ethylbenzene	mg/kg		0.0022	U						
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg		0.0022	U						
8260C	108-20-3	NA	Isopropyl Ether	mg/kg		0.0011	U						
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg		0.0022	U						
8260C	179601-23-1	NA	m,p-Xylene	mg/kg		0.0044	U						
8260C	79-20-9	NA	Methyl Acetate	mg/kg		0.0022	U						
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg		0.044	U						
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg		0.022	U						
8260C	108-87-2	NA	Methylcyclohexane	mg/kg		0.0022	U						
8260C	75-09-2	NA	Methylene Chloride	mg/kg		0.022	U						
8260C	91-20-3	NA	Naphthalene	mg/kg		0.0044	U						
8260C	104-51-8	NA	N-Butylbenzene	mg/kg		0.0022	U						
8260C	103-65-1	NA	N-Propylbenzene	mg/kg		0.0022	U						
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg		0.0022	U						
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg		0.0022	U						
8260C	100-42-5	NA	Styrene	mg/kg		0.0022	U						
8260C	98-06-6	NA	T-Butylbenzene	mg/kg		0.0022	U						
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg		0.11	U						
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg		0.0044	U						
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg		0.0022	U						
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg		0.011	U						
8260C	108-88-3	NA	Toluene	mg/kg		0.0022	U						
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg		0.0022	U						
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg		0.0011	U						
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg		0.0044	U						
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg		0.0022	U						
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg		0.011	U						
8260C	75-01-4	NA	Vinyl Chloride	mg/kg		0.011	U						
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.42	0.42	U	0.4	U	0.4	U	0.77	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.42	0.42	U	0.4	U	0.4	U	0.77	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.42	0.42	U	0.4	U	0.4	U	0.77	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.42	0.42	U	0.4	U	0.4	U	0.77	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.42	0.42	U	0.4	U	0.4	U	0.77	U

			Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
			Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
			Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
			SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
			Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0 81	UJ	0 81	UJ	0.78	UJ	0.78	UJ	1.5	U
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0 21	U	0 21	UJ	0.2	U	0.2	U	0 38	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0 81	U	0 81	U	0.78	U	0.78	U	1.5	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0 81	U	0 81	UJ	0.78	U	0.78	U	1.5	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0 81	U	0 81	U	0.78	U	0.78	U	1.5	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	62-53-3	NA	Aniline	mg/kg	0.42	U	0.42	UJ	0.4	UJ	0.4	UJ	0.77	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	92-87-5	NA	Benzidine	mg/kg	0 81	UJ	0 81	UJ	0.78	UJ	0.78	UJ	1.5	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0 21	U	0.16	J	0.19	J	0.15	J	0 38	U
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0 21	U	0.19	J	0.2	J	0.15	J	0 38	U
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0 21	U	0 28		0 27		0 21		0.15	J
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0 21	U	0.13	J	0.13	J	0.1	J	0 38	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0 21	U	0.11	J	0.1	J	0.093	J	0 38	U
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.2	UJ	1.2	UJ	1.2	UJ	1.2	UJ	2.3	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.42	U	0.42	UJ	0.4	UJ	0.4	UJ	0.77	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	86-74-8	NA	Carbazole	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0.38	U
8270D	218-01-9	NA	Chrysene	mg/kg	0 21	U	0.2	J	0.2		0.16	J	0.17	J
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0.38	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U

			Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
			Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
			Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
			SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
			Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0 21	U	0 33		0 34		0 28		0 21	J
8270D	86-73-7	NA	Fluorene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	UJ
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0 21	U	0.12	J	0.12	J	0.11	J	0 38	U
8270D	78-59-1	NA	Isophorone	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 21	U	0 21	U	0.2	U	0.2	U	0 38	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.42	UJ	0.42	UJ	0.4	U	0.4	U	0.77	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.42	UJ	0.42	UJ	0.4	U	0.4	U	0.77	U
8270D	85-01-8	NA	Phenanthrene	mg/kg	0 21	U	0.17	J	0 21		0.16	J	0 38	U
8270D	108-95-2	NA	Phenol	mg/kg	0.42	U	0.42	U	0.4	U	0.4	U	0.77	U
8270D	129-00-0	NA	Pyrene	mg/kg	0 21	U	0 29		0 32		0 25		0.2	J
8270D	110-86-1	NA	Pyridine	mg/kg	0.42	U	0.42	UJ	0.4	U	0.4	U	0.77	U
A2540G	SOLID	NA	Solids, Percent	%	81.2		81.7		84.3		84.7		83.2	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg			0.48	U						
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg			0.48	U						
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg			0.48	U						
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg			0.48	U						
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg			0.48	U						
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg			0.48	U						
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg			0.48	U						
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg			0.48	U						
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg			0.48	U						
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg			0.48	U						
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg			0.48	U						
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg			0.48	U						
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg			0.48	U						
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg			0.48	U						
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg			0.48	U						
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg			0.48	U						
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg			0.19	J						
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg			0.48	U						
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg			0.48	U						
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg			0.48	U						
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg			0.48	U						
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg			0.095	J						
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg			0.48	U						
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg			0.098	J						
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg			0.48	U						
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg			0.093	J						
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg			0.48	U						
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg			0 54							

				Location ID	WVA-SB-01		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02	
				Sample Date	5/4/2022		5/3/2022		5/3/2022		5/3/2022		5/3/2022	
				Sample ID	WVA-SB-01-6.0-6.5		WVA-SB-02-0.0-0.5		WVA-SB-02-0.5-1.0		WVA-SB-02-0.5-1.0D		WVA-SB-02-1.0-2.0	
				SDG	22E0268		22E0173		22E0173		22E0173		22E0173	
				Lab Sample ID	22E0268-15		22E0173-01		22E0173-02		22E0173-03		22E0173-04	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg			0 26	J						
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg			0.48	U						
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg			0.11	J						
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg			0.48	U						
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg			0.48	U						
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg			0.48	U						
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg			30000							
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg			120	U						
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg			11	J						
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg			12	U						
SW8151	75-99-0	NA	Dalapon	ug/kg			310	U						
SW8151	1918-00-9	NA	Dicamba	ug/kg			12	U						
SW8151	120-36-5	NA	Dichloroprop	ug/kg			120	U						
SW8151	88-85-7	NA	Dinoseb	ug/kg			61	U						
SW8151	94-74-6	NA	MCPA	ug/kg			12000	U						
SW8151	93-65-2	NA	Mecoprop	ug/kg			12000	U						
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg			12	U						
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	3.7	U	20	U	18	U	17	U	3.9	U
SW9014	57-12-5	T	Cyanide	mg/kg			2							
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg			182	J						

				Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
				Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
				Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
				SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
				Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	7900		7300		3600		4600		8000	
6010C	7440-36-0	NA	Antimony	mg/kg	1.9	U	2	U	1.8	U	1.9	U	2.1	UJ
6010C	7440-38-2	NA	Arsenic	mg/kg	11	J-	7.6	J-	3	J	4.7	J+	21	
6010C	7440-39-3	NA	Barium	mg/kg	120		82		36		34	J+	210	
6010C	7440-41-7	NA	Beryllium	mg/kg	0.46		0.4		0.18		0.13	J	0.49	
6010C	7440-42-8	NA	Boron	mg/kg	3.8	U	3.9	U	3.6	U	2.7	J	7.4	
6010C	7440-43-9	NA	Cadmium	mg/kg	0.49		0 23	J	0.13	J	0 38	U	3.6	
6010C	7440-70-2	NA	Calcium	mg/kg	2200	J-	1700	J-	24000	J-	37000		6300	J
6010C	7440-47-3	NA	Chromium, Total	mg/kg	11		9.4		4.8		6.3		19	
6010C	7440-48-4	NA	Cobalt	mg/kg	6.8		6.7		2.7		3.9		7	
6010C	7440-50-8	NA	Copper	mg/kg	48		27		9.6		16		44	
6010C	7439-89-6	NA	Iron	mg/kg	15000		15000		8100		13000		19000	
6010C	7439-92-1	NA	Lead	mg/kg	330	J-	51	J-	4.7	J-	5.5		730	
6010C	7439-95-4	NA	Magnesium	mg/kg	1800		2000		5900		7600		3000	
6010C	7439-96-5	NA	Manganese	mg/kg	600		460		280		360		540	
6010C	7440-02-0	NA	Nickel	mg/kg	13		13		6.9		9.6		16	
6010C	7440-09-7	NA	Potassium	mg/kg	980		1000		550		640		1200	
6010C	7782-49-2	NA	Selenium	mg/kg	3.8	U	3.9	U	3.6	U	3.8	U	4.3	U
6010C	7440-22-4	NA	Silver	mg/kg	0 38	UJ	0 39	UJ	0 36	UJ	0 38	U	0.43	U
6010C	7440-23-5	NA	Sodium	mg/kg	48	J	34	J	72	J	83	J	55	J
6010C	7440-28-0	NA	Thallium	mg/kg	1.9	U	2	U	1.8	U	1.9	U	2.1	U
6010C	7440-62-2	NA	Vanadium	mg/kg	13	J-	10	J-	5.8	J-	7.9		16	
6010C	7440-66-6	NA	Zinc	mg/kg	120		55		31		50		300	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
6010C	7440-39-3	TCLP	Barium	mg/l	0 35	J	0 28	J	0.76		0.4	J	0 37	J
6010C	7440-42-8	TCLP	Boron	mg/l										
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.0021	J	0.0012	J	0.0021	J	0.002	J	0.0024	J
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0.0074	J	0.0026	J	0 05	U	0 05	U	0 05	U
6010C	7439-92-1	TCLP	Lead	mg/l	0.068	J	0.006	J	0.1	U	0.1	U	0.12	
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0.0033	J	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0.18		0.072		0.011	J	0.028	U	0.4	
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg									0.13	U
8081B	309-00-2	NA	Aldrin	mg/kg									0.032	U
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg									0.032	U
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg									0.032	U
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg									0.032	U
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg									0.051	U
8081B	57-74-9	NA	Chlordane	mg/kg									0.13	U
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg									0.032	U
8081B	60-57-1	NA	Dieldrin	mg/kg									0.025	U
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg									0.051	U
8081B	72-20-8	NA	Endrin	mg/kg									0.051	U
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg									0.051	U
8081B	53494-70-5	NA	Endrin Ketone	mg/kg									0.051	U
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg									0.013	UJ
8081B	76-44-8	NA	Heptachlor	mg/kg									0.032	U
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg									0.032	U

			Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
			Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
			SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
			Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg								0.038	U
8081B	72-43-5	NA	Methoxychlor	mg/kg								0 32	U
8081B	72-54-8	NA	P,P'-DDD	mg/kg								0.025	U
8081B	72-55-9	NA	P P'-DDE	mg/kg								0.011	J
8081B	50-29-3	NA	P,P'-DDT	mg/kg								0.011	J
8081B	8001-35-2	NA	Toxaphene	mg/kg								0 64	U
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg								0.1	U
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg								0.1	U
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg								0.1	U
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg								0.1	U
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg								0.1	U
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg								0.1	U
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg								0 04	J
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg								0.1	U
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg								0.1	U
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg								0.0022	U
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg								0.0022	U
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg								0.0011	U
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg								0.011	U
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg								0.0022	U
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg								0.0022	U
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg								0.0044	U
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg								0.0022	U
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg								0.0022	U
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg								0.0022	U
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg								0.0022	U
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg								0.0022	U
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg								0.0022	U
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg								0.0011	U
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg								0.0022	U
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg								0.0022	U
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg								0.0022	U
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg								0.0022	U
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg								0.0022	U
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg								0.0022	U
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg								0.0011	U
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg								0.0022	U
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg								0.11	U
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg								0.0022	U
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg								0.0022	U
8260C	591-78-6	NA	2-Hexanone	mg/kg								0.022	U
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg								0.0011	U
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg								0.0022	U
8260C	67-64-1	NA	Acetone	mg/kg								0.056	J
8260C	107-13-1	NA	Acrylonitrile	mg/kg								0.0067	U
8260C	71-43-2	NA	Benzene	mg/kg								0.0022	U
8260C	108-86-1	NA	Bromobenzene	mg/kg								0.0022	U
8260C	74-97-5	NA	Bromochloromethane	mg/kg								0.0022	U
8260C	75-27-4	NA	Bromodichloromethane	mg/kg								0.0022	U

			Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
			Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
			SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
			Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg								0.0022	U
8260C	74-83-9	NA	Bromomethane	mg/kg								0.011	UJ
8260C	75-15-0	NA	Carbon Disulfide	mg/kg								0.011	U
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg								0.0022	U
8260C	108-90-7	NA	Chlorobenzene	mg/kg								0.0022	U
8260C	75-00-3	NA	Chloroethane	mg/kg								0.022	U
8260C	67-66-3	NA	Chloroform	mg/kg								0.0044	U
8260C	74-87-3	NA	Chloromethane	mg/kg								0.011	U
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg								0.0022	U
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg								0.0011	U
8260C	99-87-6	NA	Cymene	mg/kg								0.0022	U
8260C	124-48-1	NA	Dibromochloromethane	mg/kg								0.0011	U
8260C	74-95-3	NA	Dibromomethane	mg/kg								0.0022	U
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg								0.022	U
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg								0.022	U
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg								0.0011	U
8260C	100-41-4	NA	Ethylbenzene	mg/kg								0.0022	U
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg								0.0022	U
8260C	108-20-3	NA	Isopropyl Ether	mg/kg								0.0011	U
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg								0.0022	U
8260C	179601-23-1	NA	m,p-Xylene	mg/kg								0.0044	U
8260C	79-20-9	NA	Methyl Acetate	mg/kg								0.0022	U
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg								0.044	U
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg								0.022	U
8260C	108-87-2	NA	Methylcyclohexane	mg/kg								0.0022	U
8260C	75-09-2	NA	Methylene Chloride	mg/kg								0.022	U
8260C	91-20-3	NA	Naphthalene	mg/kg								0.0044	U
8260C	104-51-8	NA	N-Butylbenzene	mg/kg								0.0022	U
8260C	103-65-1	NA	N-Propylbenzene	mg/kg								0.0022	U
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg								0.0022	U
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg								0.0022	U
8260C	100-42-5	NA	Styrene	mg/kg								0.0022	U
8260C	98-06-6	NA	T-Butylbenzene	mg/kg								0.0022	U
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg								0.11	U
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg								0.0044	U
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg								0.0022	U
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg								0.011	UJ
8260C	108-88-3	NA	Toluene	mg/kg								0.0022	U
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg								0.0022	U
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg								0.0011	U
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg								0.0044	U
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg								0.0022	U
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg								0.011	U
8260C	75-01-4	NA	Vinyl Chloride	mg/kg								0.011	U
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U

			Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
			Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
			SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
			Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0.78	UJ	0.78	UJ	0.74	UJ	0.76	UJ	0 87	UJ
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0.78	U	0.78	U	0.74	U	0.76	U	0 87	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0.78	U	0.78	U	0.74	U	0.76	U	0 87	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0.78	U	0.78	U	0.74	U	0.76	U	0 87	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	62-53-3	NA	Aniline	mg/kg	0.4	UJ	0.4	UJ	0 38	UJ	0 39	U	0.45	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.1	J
8270D	92-87-5	NA	Benzidine	mg/kg	0.78	UJ	0.78	UJ	0.74	UJ	0.76	UJ	0.87	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.11	J	0.2	U	0.19	U	0.2	U	0 84	
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.12	J	0.2	U	0.19	U	0.2	U	0.86	
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0.19	J	0.074	J	0.19	U	0.2	U	1.4	
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.56	
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.58	
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.2	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.3	UJ
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.4	UJ	0.4	UJ	0.38	UJ	0.39	U	0.45	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.14	J
8270D	218-01-9	NA	Chrysene	mg/kg	0.16	J	0.2	U	0.19	U	0.2	U	1.1	
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0.16	J
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.4	U	0.4	U	0.38	U	0.39	U	0.45	U

			Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
			Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
			SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
			Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0 22		0.2	U	0.19	U	0.2	U	2.1	
8270D	86-73-7	NA	Fluorene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0.093	J	0.2	U	0.19	U	0.2	U	0 65	
8270D	78-59-1	NA	Isophorone	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0.2	U	0.2	U	0.19	U	0.2	U	0 22	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.4	U	0.4	U	0 38	U	0 39	UJ	0.45	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	UJ	0.45	UJ
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.15	J	0.2	U	0.19	U	0.2	U	0.99	
8270D	108-95-2	NA	Phenol	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
8270D	129-00-0	NA	Pyrene	mg/kg	0.19	J	0.2	U	0.19	U	0.2	U	1.6	
8270D	110-86-1	NA	Pyridine	mg/kg	0.4	U	0.4	U	0 38	U	0 39	U	0.45	U
A2540G	SOLID	NA	Solids, Percent	%	84.9		84.1		89.1		86.4		76.3	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg									0 52	U
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg									0 52	U
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg									0 52	U
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg									0 52	U
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg									0 52	U
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg									0 52	U
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg									0 52	U
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg									0 52	U
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg									0 52	UJ
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg									0 52	U
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg									0 52	U
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg									0 52	U
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg									0 52	U
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg									0 52	U
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg									0 52	U
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg									0 52	U
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg									0 22	J
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg									0 52	U
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg									0.15	J
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg									0 52	U
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg									0 52	U
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg									0.17	J
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg									0 52	U
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg									0 52	U
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg									0 52	U
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg									0.17	J
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg									0 52	U
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg									4.4	

			Location ID	WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-02		WVA-SB-03	
			Sample Date	5/3/2022		5/3/2022		5/3/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-02-2.0-3.0		WVA-SB-02-3.0-3.5		WVA-SB-02-20.0-21.0		WVA-SB-02-21.0-22.0		WVA-SB-03-0.0-0.5	
			SDG	22E0173		22E0173		22E0173		22E0268		22E0268	
			Lab Sample ID	22E0173-05		22E0173-06		22E0173-07		22E0268-16		22E0268-01	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg								0 89	
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg								0 52	U
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg								0.18	J
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg								0 52	U
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg								0 52	U
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg								0 52	U
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg									
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg								130	U
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg								130	U
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg								13	U
SW8151	75-99-0	NA	Dalapon	ug/kg								330	U
SW8151	1918-00-9	NA	Dicamba	ug/kg								13	U
SW8151	120-36-5	NA	Dichloroprop	ug/kg								130	U
SW8151	88-85-7	NA	Dinoseb	ug/kg								65	U
SW8151	94-74-6	NA	MCPA	ug/kg								13000	U
SW8151	93-65-2	NA	Mecoprop	ug/kg								13000	U
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg								13	U
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	4.1	U	3.7	U	3.4	U	3.3	U	22	U
SW9014	57-12-5	T	Cyanide	mg/kg									1.8	
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg									151	

				Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
				Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
				Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
				SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
				Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	8500		8800		8500		9100		9700	
6010C	7440-36-0	NA	Antimony	mg/kg	2.2	U	1.9	U	2.3	U	2.2	U	2	U
6010C	7440-38-2	NA	Arsenic	mg/kg	21		14		24		51		12	J+
6010C	7440-39-3	NA	Barium	mg/kg	260		120		270		390		120	J+
6010C	7440-41-7	NA	Beryllium	mg/kg	0.5		0.49		0.48		0 51		0 37	
6010C	7440-42-8	NA	Boron	mg/kg	8.9		3.2	J	16		12		8.1	
6010C	7440-43-9	NA	Cadmium	mg/kg	4		1.6		3.8		5.7		2.1	
6010C	7440-70-2	NA	Calcium	mg/kg	12000		2500		12000		7700		4700	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	17		12		21		21		15	
6010C	7440-48-4	NA	Cobalt	mg/kg	6.8		7.3		7.2		7.7		8.5	
6010C	7440-50-8	NA	Copper	mg/kg	43		26		63		77		48	
6010C	7439-89-6	NA	Iron	mg/kg	18000		18000		17000		17000		21000	
6010C	7439-92-1	NA	Lead	mg/kg	690		200		760		1100		780	
6010C	7439-95-4	NA	Magnesium	mg/kg	5700		2300		2900		2800		2500	
6010C	7439-96-5	NA	Manganese	mg/kg	500		470		510		440		500	
6010C	7440-02-0	NA	Nickel	mg/kg	16		15		18		18		17	
6010C	7440-09-7	NA	Potassium	mg/kg	1200		1100		1200		1200		920	
6010C	7782-49-2	NA	Selenium	mg/kg	4.3	U	3.8	U	4.6	U	4.3	U	4.1	U
6010C	7440-22-4	NA	Silver	mg/kg	0.43	U	0 38	U	0.18	J	0 26	J	0.41	U
6010C	7440-23-5	NA	Sodium	mg/kg	71	J	32	J	73	J	94	J	91	J
6010C	7440-28-0	NA	Thallium	mg/kg	2.2	U	1.9	U	2.3	U	2.2	U	2	U
6010C	7440-62-2	NA	Vanadium	mg/kg	15		14		15		19		16	
6010C	7440-66-6	NA	Zinc	mg/kg	400		140		430		870		96	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0.045	J	0.069		0 03	J	0.17		0.054	
6010C	7440-39-3	TCLP	Barium	mg/l	0 86		0.73		0 54		1.2		0.98	
6010C	7440-42-8	TCLP	Boron	mg/l										
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.021		0.052		0.014		0.038		0.018	
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0 05	U	0.0032	J	0 05	U	0.004	J	0.0051	J
6010C	7439-92-1	TCLP	Lead	mg/l	0.2		0 26		0.084	J	0 66		0 64	
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0 64		0.14		0 81		1.9		1.4	
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0017		0.0001	U	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg										
8081B	309-00-2	NA	Aldrin	mg/kg										
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg										
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg										
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg										
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg										
8081B	57-74-9	NA	Chlordane	mg/kg										
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg										
8081B	60-57-1	NA	Dieldrin	mg/kg										
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg										
8081B	72-20-8	NA	Endrin	mg/kg										
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg										
8081B	53494-70-5	NA	Endrin Ketone	mg/kg										
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg										
8081B	76-44-8	NA	Heptachlor	mg/kg										
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg										

			Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg									
8081B	72-43-5	NA	Methoxychlor	mg/kg									
8081B	72-54-8	NA	P,P'-DDD	mg/kg									
8081B	72-55-9	NA	P P'-DDE	mg/kg									
8081B	50-29-3	NA	P,P'-DDT	mg/kg									
8081B	8001-35-2	NA	Toxaphene	mg/kg									
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg									
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg									
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg									
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg									
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg									
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg									
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg									
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg									
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg									
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg									
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg									
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg									
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg									
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg									
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg									
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg									
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg									
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg									
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg									
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg									
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg									
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg									
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg									
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg									
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg									
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg									
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg									
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg									
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg									
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg									
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg									
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg									
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg									
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg									
8260C	591-78-6	NA	2-Hexanone	mg/kg									
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg									
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg									
8260C	67-64-1	NA	Acetone	mg/kg									
8260C	107-13-1	NA	Acrylonitrile	mg/kg									
8260C	71-43-2	NA	Benzene	mg/kg									
8260C	108-86-1	NA	Bromobenzene	mg/kg									
8260C	74-97-5	NA	Bromochloromethane	mg/kg									
8260C	75-27-4	NA	Bromodichloromethane	mg/kg									

			Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg									
8260C	74-83-9	NA	Bromomethane	mg/kg									
8260C	75-15-0	NA	Carbon Disulfide	mg/kg									
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg									
8260C	108-90-7	NA	Chlorobenzene	mg/kg									
8260C	75-00-3	NA	Chloroethane	mg/kg									
8260C	67-66-3	NA	Chloroform	mg/kg									
8260C	74-87-3	NA	Chloromethane	mg/kg									
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg									
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg									
8260C	99-87-6	NA	Cymene	mg/kg									
8260C	124-48-1	NA	Dibromochloromethane	mg/kg									
8260C	74-95-3	NA	Dibromomethane	mg/kg									
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg									
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg									
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg									
8260C	100-41-4	NA	Ethylbenzene	mg/kg									
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg									
8260C	108-20-3	NA	Isopropyl Ether	mg/kg									
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg									
8260C	179601-23-1	NA	m,p-Xylene	mg/kg									
8260C	79-20-9	NA	Methyl Acetate	mg/kg									
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg									
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg									
8260C	108-87-2	NA	Methylcyclohexane	mg/kg									
8260C	75-09-2	NA	Methylene Chloride	mg/kg									
8260C	91-20-3	NA	Naphthalene	mg/kg									
8260C	104-51-8	NA	N-Butylbenzene	mg/kg									
8260C	103-65-1	NA	N-Propylbenzene	mg/kg									
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg									
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg									
8260C	100-42-5	NA	Styrene	mg/kg									
8260C	98-06-6	NA	T-Butylbenzene	mg/kg									
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg									
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg									
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg									
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg									
8260C	108-88-3	NA	Toluene	mg/kg									
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg									
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg									
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg									
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg									
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg									
8260C	75-01-4	NA	Vinyl Chloride	mg/kg									
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U

			Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0.1	J
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0 87	UJ	0.78	UJ	0.94	UJ	0 86	UJ	0 82	UJ
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0 24	
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0 21	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0 87	U	0.78	U	0.94	U	0 86	U	0 82	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0 87	U	0.78	U	0.94	U	0 86	U	0 82	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0 87	U	0.78	U	0.94	U	0 86	U	0 82	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0 21	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0.15	J
8270D	98-86-2	NA	Acetophenone	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	62-53-3	NA	Aniline	mg/kg	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.11	J	0.2	U	0 24	U	0 22	U	0 09	J
8270D	92-87-5	NA	Benzidine	mg/kg	0 87	UJ	0.78	UJ	0.94	UJ	0 86	UJ	0 82	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.74		0.2	U	0.5		0 34		0.75	
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.79		0 07	J	0 65		0 39		0.71	
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	1.3		0.12	J	1.2		0 61		1.1	
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0 53		0.2	U	0 63		0 34		0 51	
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.47		0.2	U	0.4		0 23		0.44	
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.3	UJ	1.2	UJ	1.4	UJ	1.3	UJ	1.2	UJ
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.45	U	0.4	UJ	0.48	U	0.44	U	0.42	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.14	J	0.2	U	0 24	U	0 22	U	0 21	U
8270D	218-01-9	NA	Chrysene	mg/kg	0.95		0.12	J	0.72		0.48		0.98	
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.13	J	0.2	U	0.13	J	0.093	J	0.15	J
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.088	J
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U

				Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
				Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
				Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
				SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
				Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	1.9		0.11	J	1.2		0 64		1.4	
8270D	86-73-7	NA	Fluorene	mg/kg	0 22	U	0.2	U	0 24	U	0 22	U	0 21	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0 54		0.2	U	0 62		0 35		0 57	
8270D	78-59-1	NA	Isophorone	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 22	U	0.2	U	0 24	U	0 09	J	0 26	
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.45	UJ	0.4	UJ	0.48	UJ	0.44	UJ	0.42	UJ
8270D	85-01-8	NA	Phenanthrene	mg/kg	1		0.085	J	0.41		0 31		0.7	
8270D	108-95-2	NA	Phenol	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
8270D	129-00-0	NA	Pyrene	mg/kg	1.4		0.098	J	0.92		0 55		1.1	
8270D	110-86-1	NA	Pyridine	mg/kg	0.45	U	0.4	U	0.48	U	0.44	U	0.42	U
A2540G	SOLID	NA	Solids, Percent	%	75.6		84.9		70.3		76.9		80.7	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg										
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg										
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg										
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg										
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg										
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg										
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg										
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg										
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg										
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg										
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg										
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg										
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg										
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg										
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg										
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg										
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg										
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg										
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg										
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg										
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg										
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg										
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg										
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg										
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg										
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg										
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg										
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg										

			Location ID	WVA-SB-03		WVA-SB-03		WVA-SB-04		WVA-SB-04		WVA-SB-04	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/4/2022		5/4/2022	
			Sample ID	WVA-SB-03-0.5-1.0		WVA-SB-03-1.0-2.0		WVA-SB-04-0.0-0.5		WVA-SB-04-0.5-1.0		WVA-SB-04-1.0-2.0	
			SDG	22E0268		22E0268		22E0268		22E0268		22E0268	
			Lab Sample ID	22E0268-02		22E0268-03		22E0268-04		22E0268-05		22E0268-06	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg									
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg									
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg									
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg									
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg									
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg									
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg									
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg									
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg									
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg									
SW8151	75-99-0	NA	Dalapon	ug/kg									
SW8151	1918-00-9	NA	Dicamba	ug/kg									
SW8151	120-36-5	NA	Dichloroprop	ug/kg									
SW8151	88-85-7	NA	Dinoseb	ug/kg									
SW8151	94-74-6	NA	MCPA	ug/kg									
SW8151	93-65-2	NA	Mecoprop	ug/kg									
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg									
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	20	U	17	U	12	J	61		20	U
SW9014	57-12-5	T	Cyanide	mg/kg									
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg									

				Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
				Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
				Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
				SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
				Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	8700		8000		10000		8900		11000	
6010C	7440-36-0	NA	Antimony	mg/kg	2	U	1.9	U	2	U	2.1	U	2	U
6010C	7440-38-2	NA	Arsenic	mg/kg	45	J+	16	J+	22	J+	21		18	
6010C	7440-39-3	NA	Barium	mg/kg	190	J+	110	J+	140	J+	170		170	
6010C	7440-41-7	NA	Beryllium	mg/kg	0 36		0.4		0.42		0.4		0 54	
6010C	7440-42-8	NA	Boron	mg/kg	4.4		4.5		5		8.8		5.9	
6010C	7440-43-9	NA	Cadmium	mg/kg	2.1		3.2		0 86		3.9		2.3	
6010C	7440-70-2	NA	Calcium	mg/kg	4700		2200		1500		4000		2600	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	12		11		13		13		15	
6010C	7440-48-4	NA	Cobalt	mg/kg	8.2		7.7		18		8.2		9.7	
6010C	7440-50-8	NA	Copper	mg/kg	120		29		30		31		48	
6010C	7439-89-6	NA	Iron	mg/kg	24000		25000		22000		17000		26000	
6010C	7439-92-1	NA	Lead	mg/kg	340		480		490		380		240	
6010C	7439-95-4	NA	Magnesium	mg/kg	2600		2600		2900		2400		2900	
6010C	7439-96-5	NA	Manganese	mg/kg	460		440		590		620		770	
6010C	7440-02-0	NA	Nickel	mg/kg	17		16		25		17		20	
6010C	7440-09-7	NA	Potassium	mg/kg	900		880		970		950		1300	
6010C	7782-49-2	NA	Selenium	mg/kg	4	U	3.8	U	4	U	4.2	U	4	U
6010C	7440-22-4	NA	Silver	mg/kg	0.4	U	0 38	U	0.4	U	0.42	U	0.4	U
6010C	7440-23-5	NA	Sodium	mg/kg	50	J	54	J	87	J	42	J	42	J
6010C	7440-28-0	NA	Thallium	mg/kg	2	U	1.9	U	2	U	2.1	U	2	U
6010C	7440-62-2	NA	Vanadium	mg/kg	17		13		21		16		18	
6010C	7440-66-6	NA	Zinc	mg/kg	270		96		110		160	J+	180	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0 05	U	0.0071	J	0 05	U	0.019	J	0 05	U
6010C	7440-39-3	TCLP	Barium	mg/l	0.76		0.7		0.47	J	0 69		0 58	
6010C	7440-42-8	TCLP	Boron	mg/l					0.2					
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.017		0.023		0.0089	J	0.017		0.012	
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0 05	U	0.0031	J	0 05	U	0 05	U	0 05	U
6010C	7439-92-1	TCLP	Lead	mg/l	0.16		0 22		0.43		0.074	J	0.051	J
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0 05	U	0 05	U	0.037	J	0.031	J
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0 26		0 29		0.18		0 23	J+	0.41	J+
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg					0.025	U				
8081B	309-00-2	NA	Aldrin	mg/kg					0.0062	U				
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg					0.0062	U				
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg					0.0062	U				
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg					0.0062	U				
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg					0.0099	U				
8081B	57-74-9	NA	Chlordane	mg/kg					0.025	U				
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg					0.0062	U				
8081B	60-57-1	NA	Dieldrin	mg/kg					0.0049	U				
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg					0.0099	U				
8081B	72-20-8	NA	Endrin	mg/kg					0.0099	U				
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg					0.0099	U				
8081B	53494-70-5	NA	Endrin Ketone	mg/kg					0.0099	U				
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg					0.0025	UJ				
8081B	76-44-8	NA	Heptachlor	mg/kg					0.0062	U				
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg					0.0062	U				

			Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
			SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
			Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg				0.0074	U				
8081B	72-43-5	NA	Methoxychlor	mg/kg				0.062	U				
8081B	72-54-8	NA	P,P'-DDD	mg/kg				0.0049	U				
8081B	72-55-9	NA	P P'-DDE	mg/kg				0.0019	J				
8081B	50-29-3	NA	P,P'-DDT	mg/kg				0.0016	J				
8081B	8001-35-2	NA	Toxaphene	mg/kg				0.12	U				
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg				0.099	U				
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg				0.099	U				
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg				0.099	U				
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg				0.099	U				
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg				0.099	U				
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg				0.099	U				
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg				0.099	U				
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg				0.099	U				
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg				0.099	U				
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg				0.0017	U				
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg				0.0017	U				
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg				0.00083	U				
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg				0.0083	U				
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg				0.0017	U				
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg				0.0017	U				
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg				0.0033	U				
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg				0.0017	U				
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg				0.0017	U				
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg				0.0017	U				
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg				0.0017	U				
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg				0.0017	U				
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg				0.0017	U				
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg				0.00083	U				
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg				0.0017	U				
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg				0.0017	U				
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg				0.0017	U				
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg				0.0017	U				
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg				0.0017	U				
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg				0.0017	U				
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg				0.00083	U				
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg				0.0017	U				
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg				0.083	U				
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg				0.0017	U				
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg				0.0017	U				
8260C	591-78-6	NA	2-Hexanone	mg/kg				0.017	U				
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg				0.00083	U				
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg				0.0017	U				
8260C	67-64-1	NA	Acetone	mg/kg				0.025	J				
8260C	107-13-1	NA	Acrylonitrile	mg/kg				0.005	U				
8260C	71-43-2	NA	Benzene	mg/kg				0.0017	U				
8260C	108-86-1	NA	Bromobenzene	mg/kg				0.0017	U				
8260C	74-97-5	NA	Bromochloromethane	mg/kg				0.0017	U				
8260C	75-27-4	NA	Bromodichloromethane	mg/kg				0.0017	U				

			Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
			SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
			Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg				0.0017	U				
8260C	74-83-9	NA	Bromomethane	mg/kg				0.0083	UJ				
8260C	75-15-0	NA	Carbon Disulfide	mg/kg				0.0083	U				
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg				0.0017	U				
8260C	108-90-7	NA	Chlorobenzene	mg/kg				0.0017	U				
8260C	75-00-3	NA	Chloroethane	mg/kg				0.017	U				
8260C	67-66-3	NA	Chloroform	mg/kg				0.0033	U				
8260C	74-87-3	NA	Chloromethane	mg/kg				0.0083	U				
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg				0.0017	U				
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg				0.00083	U				
8260C	99-87-6	NA	Cymene	mg/kg				0.0017	U				
8260C	124-48-1	NA	Dibromochloromethane	mg/kg				0.00083	U				
8260C	74-95-3	NA	Dibromomethane	mg/kg				0.0017	U				
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg				0.017	U				
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg				0.017	U				
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg				0.00083	U				
8260C	100-41-4	NA	Ethylbenzene	mg/kg				0.0017	U				
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg				0.0017	U				
8260C	108-20-3	NA	Isopropyl Ether	mg/kg				0.00083	U				
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg				0.0017	U				
8260C	179601-23-1	NA	m,p-Xylene	mg/kg				0.0033	U				
8260C	79-20-9	NA	Methyl Acetate	mg/kg				0.0017	U				
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg				0.033	U				
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg				0.017	U				
8260C	108-87-2	NA	Methylcyclohexane	mg/kg				0.0017	U				
8260C	75-09-2	NA	Methylene Chloride	mg/kg				0.017	U				
8260C	91-20-3	NA	Naphthalene	mg/kg				0.0033	U				
8260C	104-51-8	NA	N-Butylbenzene	mg/kg				0.0017	U				
8260C	103-65-1	NA	N-Propylbenzene	mg/kg				0.0017	U				
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg				0.0017	U				
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg				0.0017	U				
8260C	100-42-5	NA	Styrene	mg/kg				0.0017	U				
8260C	98-06-6	NA	T-Butylbenzene	mg/kg				0.0017	U				
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg				0.083	U				
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg				0.0033	U				
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg				0.0017	U				
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg				0.0083	UJ				
8260C	108-88-3	NA	Toluene	mg/kg				0.0017	U				
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg				0.0017	U				
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg				0.00083	U				
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg				0.0033	U				
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg				0.0017	U				
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg				0.0083	U				
8260C	75-01-4	NA	Vinyl Chloride	mg/kg				0.0083	U				
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U

			Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
			SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
			Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 21	U	0 21	U	0 21	U	0 22	U	0 21	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0.8	UJ	0.8	UJ	0 82	UJ	0 86	UJ	0 82	UJ
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0.21	U	0.21	U	0.21	U	0.22	U	0.21	UJ
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0.8	U	0.8	U	0.82	U	0.86	U	0.82	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0.8	U	0.8	U	0.82	U	0.86	U	0.82	UJ
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0.8	U	0.8	U	0.82	U	0.86	U	0.82	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	62-53-3	NA	Aniline	mg/kg	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.15	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	92-87-5	NA	Benzidine	mg/kg	0.8	UJ	0.8	UJ	0.82	UJ	0.86	UJ	0.82	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.87		0.21		0.14	J	0.22	U	0.11	J
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.87		0.25		0.18	J	0.084	J	0.089	J
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	1.3		0.36		0.3		0.15	J	0.13	J
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.7		0.19	J	0.13	J	0.22	U	0.21	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.48		0.13	J	0.099	J	0.22	U	0.21	U
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.2	UJ	1.2	UJ	1.2	UJ	1.3	U	1.2	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.41	U	0.41	U	0.42	UJ	0.44	U	0.42	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.1	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	218-01-9	NA	Chrysene	mg/kg	1		0.29		0.22		0.12	J	0.13	J
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.19	J	0.21	U	0.21	U	0.22	U	0.21	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U

			Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
			SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
			Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	2		0.49		0 31		0.14	J	0.18	J
8270D	86-73-7	NA	Fluorene	mg/kg	0 21	U	0 21	U	0 21	U	0 22	U	0 21	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	UJ	0.42	UJ
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0.73		0.18	J	0.14	J	0 22	U	0 21	U
8270D	78-59-1	NA	Isophorone	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 21	U	0 21	U	0 21	U	0 22	U	0 21	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.41	UJ	0.41	UJ	0.42	UJ	0.44	UJ	0.42	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.41	UJ	0.41	UJ	0.42	UJ	0.44	U	0.42	U
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.92		0.26		0.15	J	0 22	U	0.11	J
8270D	108-95-2	NA	Phenol	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	U
8270D	129-00-0	NA	Pyrene	mg/kg	1.6		0.43		0.26		0.13	J	0.17	J
8270D	110-86-1	NA	Pyridine	mg/kg	0.41	U	0.41	U	0.42	U	0.44	U	0.42	UJ
A2540G	SOLID	NA	Solids, Percent	%	82.3		82.1		80.9		76.7		80.5	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg					0.5	U				
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg					0.5	U				
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg					0.5	U				
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg					0.5	U				
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg					0.5	U				
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg					0.5	U				
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg					0.5	U				
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg					0.5	U				
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg					0.5	U				
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg					0.5	U				
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg					0.5	U				
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg					0.5	U				
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg					0.5	U				
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg					0.5	U				
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg					0.5	U				
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg					0.5	U				
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg					0.5	U				
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg					0.5	U				
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg					0.5	U				
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg					0.5	U				
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg					0.5	U				
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg					0.5	U				
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg					0.5	U				
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg					0.5	U				
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg					0.5	U				
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg					0.5	U				
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg					0.5	U				
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg					0.19	J				

			Location ID	WVA-SB-05		WVA-SB-05		WVA-SB-05		WVA-SB-06		WVA-SB-06	
			Sample Date	5/4/2022		5/4/2022		5/4/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-05-0.0-0.5		WVA-SB-05-0.5-1.0		WVA-SB-05-1.0-2.0		WVA-SB-06-0.0-0.5		WVA-SB-06-0.5-1.0	
			SDG	22E0268		22E0268		22E0268		22E0362		22E0362	
			Lab Sample ID	22E0268-07		22E0268-08		22E0268-09		22E0362-01		22E0362-02	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg					0.5	U				
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg					0.5	U				
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg					0.5	U				
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg					0.5	U				
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg					0.5	U				
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg					0.5	U				
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg										
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg					120	U				
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg					120	U				
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg					12	U				
SW8151	75-99-0	NA	Dalapon	ug/kg					310	U				
SW8151	1918-00-9	NA	Dicamba	ug/kg					12	U				
SW8151	120-36-5	NA	Dichloroprop	ug/kg					120	U				
SW8151	88-85-7	NA	Dinoseb	ug/kg					62	U				
SW8151	94-74-6	NA	MCPA	ug/kg					24000					
SW8151	93-65-2	NA	Mecoprop	ug/kg					12000	U				
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg					12	U				
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	22	U	19	U	3.5	U	10	J	18	U
SW9014	57-12-5	T	Cyanide	mg/kg					1.7					
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg					84.3	J				

				Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
				Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
				Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
				SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
				Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	7700		10000		9500		9800		9400	
6010C	7440-36-0	NA	Antimony	mg/kg	1.9	U	2	U	1.9	U	2	U	2.2	U
6010C	7440-38-2	NA	Arsenic	mg/kg	16		21		10		6.7		27	
6010C	7440-39-3	NA	Barium	mg/kg	160		160		130		120		200	
6010C	7440-41-7	NA	Beryllium	mg/kg	0 38		0.5		0.44		0.43		0.46	
6010C	7440-42-8	NA	Boron	mg/kg	6.1		5.2		3.4	J	3.1	J	9.1	
6010C	7440-43-9	NA	Cadmium	mg/kg	0 29	J	2.7		0.74		0 31	J	3.4	
6010C	7440-70-2	NA	Calcium	mg/kg	27000		3100		1600		1000		3400	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	12		16		12		11		13	
6010C	7440-48-4	NA	Cobalt	mg/kg	7.9		9.1		8.2		8.2		7.7	
6010C	7440-50-8	NA	Copper	mg/kg	42		23		16		11		26	
6010C	7439-89-6	NA	Iron	mg/kg	19000		18000		16000		16000		17000	
6010C	7439-92-1	NA	Lead	mg/kg	200		400		110		28		540	
6010C	7439-95-4	NA	Magnesium	mg/kg	2400		2800		2400		2400		2600	
6010C	7439-96-5	NA	Manganese	mg/kg	510		700		720		670		520	
6010C	7440-02-0	NA	Nickel	mg/kg	26		18		15		15		17	
6010C	7440-09-7	NA	Potassium	mg/kg	850	J	1100		1100		1000		1500	
6010C	7782-49-2	NA	Selenium	mg/kg	3.9	U	4	U	3.8	U	3.9	U	4.3	U
6010C	7440-22-4	NA	Silver	mg/kg	0 39	U	0.4	U	0 38	U	0 39	U	0.43	U
6010C	7440-23-5	NA	Sodium	mg/kg	95	J	39	J	35	J	43	J	45	J
6010C	7440-28-0	NA	Thallium	mg/kg	1.9	U	2	U	1.9	U	2	U	2.2	U
6010C	7440-62-2	NA	Vanadium	mg/kg	16		16		13		13		15	
6010C	7440-66-6	NA	Zinc	mg/kg	160		110		64		55		130	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0 05	U	0.017	J	0 05	U	0 05	U	0.039	J
6010C	7440-39-3	TCLP	Barium	mg/l	0.96		0 56		0.45	J	0.3	J	0.7	
6010C	7440-42-8	TCLP	Boron	mg/l										
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.0028	J	0.013		0.0039	J	0.0022	J	0.015	
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0.0041	J	0.0026	J	0.0053	J	0 05	U	0.05	U
6010C	7439-92-1	TCLP	Lead	mg/l	0.1	U	0.11		0.1	U	0.1	U	0.13	
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0 05	U	0.033	J	0.032	J	0.032	J
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	1.4	J+	0.17	J+	0.11	J+	0.076	J+	0.19	J+
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U	0.0001	U	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg	0.023	U								
8081B	309-00-2	NA	Aldrin	mg/kg	0.0057	U								
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	0.0057	U								
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg	0.0057	U								
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	0.0057	U								
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg	0.0092	U								
8081B	57-74-9	NA	Chlordane	mg/kg	0.023	U								
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	0.0057	U								
8081B	60-57-1	NA	Dieldrin	mg/kg	0.0046	U								
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg	0.0092	U								
8081B	72-20-8	NA	Endrin	mg/kg	0.0092	U								
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg	0.0092	U								
8081B	53494-70-5	NA	Endrin Ketone	mg/kg	0.0092	U								
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg	0.0023	UJ								
8081B	76-44-8	NA	Heptachlor	mg/kg	0.0057	U								
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg	0.0057	U								

			Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg	0.0069 U								
8081B	72-43-5	NA	Methoxychlor	mg/kg	0.057 U								
8081B	72-54-8	NA	P,P'-DDD	mg/kg	0.0027 J								
8081B	72-55-9	NA	P P'-DDE	mg/kg	0.0022 J								
8081B	50-29-3	NA	P,P'-DDT	mg/kg	0.0018 J								
8081B	8001-35-2	NA	Toxaphene	mg/kg	0.11 U								
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg	0.092 U								
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg	0.092 U								
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg	0.092 U								
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg	0.092 U								
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg	0.092 U								
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg	0.092 U								
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg	0.092 U								
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg	0.092 U								
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg	0.092 U								
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg	0.0024 U								
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg	0.0024 U								
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg	0.0012 U								
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	0.012 U								
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg	0.0024 U								
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg	0.0024 U								
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg	0.0048 U								
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg	0.0024 U								
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg	0.0024 U								
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg	0.0024 U								
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.0024 U								
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg	0.0024 U								
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg	0.0024 U								
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg	0.0012 U								
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg	0.0024 U								
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg	0.0024 U								
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg	0.0024 U								
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg	0.0024 U								
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	0.0024 U								
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg	0.0024 U								
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg	0.0012 U								
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.0024 U								
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg	0.12 U								
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg	0.0024 U								
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg	0.0024 U								
8260C	591-78-6	NA	2-Hexanone	mg/kg	0.024 U								
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg	0.0012 U								
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg	0.0024 U								
8260C	67-64-1	NA	Acetone	mg/kg	0 04 J								
8260C	107-13-1	NA	Acrylonitrile	mg/kg	0.0072 U								
8260C	71-43-2	NA	Benzene	mg/kg	0.0024 U								
8260C	108-86-1	NA	Bromobenzene	mg/kg	0.0024 U								
8260C	74-97-5	NA	Bromochloromethane	mg/kg	0.0024 U								
8260C	75-27-4	NA	Bromodichloromethane	mg/kg	0.0024 U								

			Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg	0.0024 U								
8260C	74-83-9	NA	Bromomethane	mg/kg	0.012 U								
8260C	75-15-0	NA	Carbon Disulfide	mg/kg	0.012 U								
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg	0.0024 U								
8260C	108-90-7	NA	Chlorobenzene	mg/kg	0.0024 U								
8260C	75-00-3	NA	Chloroethane	mg/kg	0.024 U								
8260C	67-66-3	NA	Chloroform	mg/kg	0.0048 U								
8260C	74-87-3	NA	Chloromethane	mg/kg	0.012 U								
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg	0.0024 U								
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg	0.0012 U								
8260C	99-87-6	NA	Cymene	mg/kg	0.0024 U								
8260C	124-48-1	NA	Dibromochloromethane	mg/kg	0.0012 U								
8260C	74-95-3	NA	Dibromomethane	mg/kg	0.0024 U								
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg	0.024 U								
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg	0.024 U								
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg	0.0012 U								
8260C	100-41-4	NA	Ethylbenzene	mg/kg	0.0024 U								
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.0024 U								
8260C	108-20-3	NA	Isopropyl Ether	mg/kg	0.0012 U								
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg	0.0024 U								
8260C	179601-23-1	NA	m,p-Xylene	mg/kg	0.0048 U								
8260C	79-20-9	NA	Methyl Acetate	mg/kg	0.0024 U								
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.048 U								
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	0.024 U								
8260C	108-87-2	NA	Methylcyclohexane	mg/kg	0.0024 U								
8260C	75-09-2	NA	Methylene Chloride	mg/kg	0.024 U								
8260C	91-20-3	NA	Naphthalene	mg/kg	0.0048 U								
8260C	104-51-8	NA	N-Butylbenzene	mg/kg	0.0024 U								
8260C	103-65-1	NA	N-Propylbenzene	mg/kg	0.0024 U								
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.0024 U								
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg	0.0024 U								
8260C	100-42-5	NA	Styrene	mg/kg	0.0024 U								
8260C	98-06-6	NA	T-Butylbenzene	mg/kg	0.0024 U								
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg	0.12 U								
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg	0.0048 U								
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg	0.0024 U								
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg	0.012 U								
8260C	108-88-3	NA	Toluene	mg/kg	0.0024 U								
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg	0.0024 U								
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg	0.0012 U								
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg	0.0048 U								
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg	0.0024 U								
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg	0.012 U								
8260C	75-01-4	NA	Vinyl Chloride	mg/kg	0.012 U								
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.41 U	0.44 U		0.41 U		0.4 U		0.45 U	
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.41 U	0.44 U		0.41 U		0.4 U		0.45 U	
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.41 U	0.44 U		0.41 U		0.4 U		0.45 U	
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.41 U	0.44 U		0.41 UJ		0.4 UJ		0.45 UJ	
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.41 U	0.44 U		0.41 U		0.4 U		0.45 U	

				Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
				Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
				Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
				SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
				Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0.79	UJ	0 85	UJ	0.8	U	0.78	U	0 87	U
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.41	U	0.44	U	0.41	UJ	0.4	UJ	0.45	UJ
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0.79	U	0 85	U	0.8	U	0.78	U	0 87	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0.79	U	0 85	U	0.8	U	0.78	U	0 87	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0.79	U	0 85	U	0.8	U	0.78	U	0 87	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	62-53-3	NA	Aniline	mg/kg	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0.22	U
8270D	92-87-5	NA	Benzidine	mg/kg	0.79	UJ	0 85	UJ	0.8	UJ	0.78	UJ	0.87	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.15	J	0 22	U	0 21	U	0.2	U	0.11	J
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.16	J	0.097	J	0.21	U	0.2	U	0.13	J
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0 21		0.17	J	0.21	U	0.2	U	0.21	J
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.088	J	0.22	U	0.21	U	0.2	U	0.12	J
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.084	J	0.22	U	0.21	U	0.2	U	0.08	J
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.2	U	1.3	U	1.2	U	1.2	U	1.3	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.41	U	0.44	U	0.41	UJ	0.4	UJ	0.45	UJ
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	218-01-9	NA	Chrysene	mg/kg	0.21		0.11	J	0.21	U	0.2	U	0.16	J
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U

			Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0.2	J	0.15	J	0 21	U	0.2	U	0 24	
8270D	86-73-7	NA	Fluorene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.41	UJ	0.44	UJ	0.41	U	0.4	U	0.45	U
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0.1	J	0 22	U	0 21	U	0.2	U	0.12	J
8270D	78-59-1	NA	Isophorone	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0 22	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.41	UJ	0.44	UJ	0.41	UJ	0.4	UJ	0.45	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.2	U	0 22	U	0 21	U	0.2	U	0.11	J
8270D	108-95-2	NA	Phenol	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
8270D	129-00-0	NA	Pyrene	mg/kg	0.19	J	0.14	J	0 21	U	0.2	U	0.21	J
8270D	110-86-1	NA	Pyridine	mg/kg	0.41	U	0.44	U	0.41	U	0.4	U	0.45	U
A2540G	SOLID	NA	Solids, Percent	%	83.6		77.7		82.5		84.2		75.8	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	0.46	U								
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg	0.46	U								
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	0.46	U								
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	2.2									
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	0.46	U								
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	0.46	U								
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	0.46	U								
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0.46	U								
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0.46	UJ								
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	0.46	U								
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	0.46	U								
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	0.46	U								
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	0.46	U								
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg	0.46	U								
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg	0.46	U								
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg	0.46	U								
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg	0.46	U								
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg	0.46	U								
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg	0.46	U								
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg	0.46	U								
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	0.46	U								
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg	0.46	U								
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	0.46	U								
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg	0.46	U								
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg	0.46	U								
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg	0.46	U								
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg	0.46	U								
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.46	U								

			Location ID	WVA-SB-06		WVA-SB-07		WVA-SB-07		WVA-SB-07		WVA-SB-08	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-06-1.0-2.0		WVA-SB-07-0.0-0.5		WVA-SB-07-0.5-1.0		WVA-SB-07-1.0-2.0		WVA-SB-08-0.0-0.5	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-03		22E0362-04		22E0362-05		22E0362-06		22E0362-07	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg	0.46	U							
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	0.46	U							
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg	0.46	U							
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg	0.46	U							
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	0.46	U							
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.46	U							
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg									
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg	120	U							
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	120	U							
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg	12	U							
SW8151	75-99-0	NA	Dalapon	ug/kg	300	U							
SW8151	1918-00-9	NA	Dicamba	ug/kg	12	U							
SW8151	120-36-5	NA	Dichloroprop	ug/kg	120	U							
SW8151	88-85-7	NA	Dinoseb	ug/kg	59	U							
SW8151	94-74-6	NA	MCPA	ug/kg	11000	J							
SW8151	93-65-2	NA	Mecoprop	ug/kg	3300	J							
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg	12	U							
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	3.6	U	19	U	3.6	U	3.6	U	19	U
SW9014	57-12-5	T	Cyanide	mg/kg	1.8									
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	90.6	J								

				Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
				Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
				Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0.0-0.17		WVA-SS-02-0.0-0.17		WVA-SS-03-0.0-0.17	
				SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
				Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
6010C	7429-90-5	NA	Aluminum	mg/kg	10000		11000		7500		7300		8900	
6010C	7440-36-0	NA	Antimony	mg/kg	2	U	1.9	U	2	U	1.9	U	2.1	U
6010C	7440-38-2	NA	Arsenic	mg/kg	12		9.2		17		8.1		22	
6010C	7440-39-3	NA	Barium	mg/kg	140		82		210		100		160	
6010C	7440-41-7	NA	Beryllium	mg/kg	0.45		0.45		0 33		0 35		0.45	
6010C	7440-42-8	NA	Boron	mg/kg	5.7		4.3		7.5		2.8	J	8.1	
6010C	7440-43-9	NA	Cadmium	mg/kg	0 82		0.47		3		0 67		4	
6010C	7440-70-2	NA	Calcium	mg/kg	1600		830		4400		1200		6600	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	12		12		14		9.1		13	
6010C	7440-48-4	NA	Cobalt	mg/kg	8.4		8.3		7.4		7.2		8.1	
6010C	7440-50-8	NA	Copper	mg/kg	20		15		41		14		25	
6010C	7439-89-6	NA	Iron	mg/kg	17000		18000		16000		15000		17000	
6010C	7439-92-1	NA	Lead	mg/kg	150		55		530		110		420	
6010C	7439-95-4	NA	Magnesium	mg/kg	2400		2600		2600		2200		4300	
6010C	7439-96-5	NA	Manganese	mg/kg	730		420		440		430		640	
6010C	7440-02-0	NA	Nickel	mg/kg	14		17		17		15		17	
6010C	7440-09-7	NA	Potassium	mg/kg	1200		850	J	1100		1100		1400	
6010C	7782-49-2	NA	Selenium	mg/kg	4	U	3.8	U	4	U	3.9	U	4.3	U
6010C	7440-22-4	NA	Silver	mg/kg	0.4	U	0 38	U	0.4	U	0 39	U	0.43	U
6010C	7440-23-5	NA	Sodium	mg/kg	52	J	55	J	42	J	190	U	60	J
6010C	7440-28-0	NA	Thallium	mg/kg	2	U	1.9	U	2	U	1.9	U	2.1	U
6010C	7440-62-2	NA	Vanadium	mg/kg	14		16		14		10		15	
6010C	7440-66-6	NA	Zinc	mg/kg	72		66		320		73		130	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0 05	U	0 05	U	0.064		0 05	U	0.019	J
6010C	7440-39-3	TCLP	Barium	mg/l	0.42	J	0 31	J	1.1		0 59		0 65	
6010C	7440-42-8	TCLP	Boron	mg/l										
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.0045	J	0.0055	J	0.022		0.007	J	0.017	
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0 05	U	0.0042	J	0.0073	J	0.0077	J	0.0026	J
6010C	7439-92-1	TCLP	Lead	mg/l	0.1	U	0.1	U	0 38		0.13		0.096	J
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U	0.035	J	0 05	U	0.029	J	0.031	J
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U	0 05	U	0 05	U	0 05	U	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0.12	J+	0.066		0 24		0.15		0 21	
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U	0.0001	U	6.6E-05	J	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg			0.023	U						
8081B	309-00-2	NA	Aldrin	mg/kg			0.0058	U						
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg			0.0058	U						
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg			0.0058	U						
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg			0.0058	U						
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg			0.0093	U						
8081B	57-74-9	NA	Chlordane	mg/kg			0.023	U						
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg			0.0058	U						
8081B	60-57-1	NA	Dieldrin	mg/kg			0.0047	U						
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg			0.0093	U						
8081B	72-20-8	NA	Endrin	mg/kg			0.0093	U						
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg			0.0093	U						
8081B	53494-70-5	NA	Endrin Ketone	mg/kg			0.0093	U						
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg			0.0023	UJ						
8081B	76-44-8	NA	Heptachlor	mg/kg			0.0058	U						
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg			0.0058	U						

			Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0 0-0.17		WVA-SS-02-0 0-0.17		WVA-SS-03-0 0-0.17	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg		0.007	U						
8081B	72-43-5	NA	Methoxychlor	mg/kg		0.058	U						
8081B	72-54-8	NA	P,P'-DDD	mg/kg		0.0047	U						
8081B	72-55-9	NA	P P'-DDE	mg/kg		0.0085							
8081B	50-29-3	NA	P,P'-DDT	mg/kg		0.0073							
8081B	8001-35-2	NA	Toxaphene	mg/kg		0.12	U						
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg		0.093	U						
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg		0.093	U						
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg		0.093	U						
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg		0.093	U						
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg		0.093	U						
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg		0.093	U						
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg		0.093	U						
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg		0.093	U						
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg		0.093	U						
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg		0.0023	U						
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg		0.0023	U						
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg		0.0012	U						
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg		0.012	U						
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg		0.0023	U						
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg		0.0023	U						
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg		0.0047	U						
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg		0.0023	U						
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg		0.0023	U						
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg		0.0023	U						
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg		0.0023	U						
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg		0.0023	U						
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg		0.0023	U						
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg		0.0012	U						
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg		0.0023	U						
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg		0.0023	U						
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg		0.0023	U						
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg		0.0023	U						
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg		0.0023	U						
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg		0.0023	U						
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg		0.0012	U						
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg		0.0023	U						
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg		0.12	U						
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg		0.0023	U						
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg		0.0023	U						
8260C	591-78-6	NA	2-Hexanone	mg/kg		0.023	U						
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg		0.0012	U						
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg		0.0023	U						
8260C	67-64-1	NA	Acetone	mg/kg		0.052	J						
8260C	107-13-1	NA	Acrylonitrile	mg/kg		0.007	U						
8260C	71-43-2	NA	Benzene	mg/kg		0.0023	U						
8260C	108-86-1	NA	Bromobenzene	mg/kg		0.0023	U						
8260C	74-97-5	NA	Bromochloromethane	mg/kg		0.0023	U						
8260C	75-27-4	NA	Bromodichloromethane	mg/kg		0.0023	U						

			Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0 0-0.17		WVA-SS-02-0 0-0.17		WVA-SS-03-0 0-0.17	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8260C	75-25-2	NA	Bromoform	mg/kg		0.0023	U						
8260C	74-83-9	NA	Bromomethane	mg/kg		0.012	U						
8260C	75-15-0	NA	Carbon Disulfide	mg/kg		0.012	U						
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg		0.0023	U						
8260C	108-90-7	NA	Chlorobenzene	mg/kg		0.0023	U						
8260C	75-00-3	NA	Chloroethane	mg/kg		0.023	U						
8260C	67-66-3	NA	Chloroform	mg/kg		0.0047	U						
8260C	74-87-3	NA	Chloromethane	mg/kg		0.012	U						
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg		0.0023	U						
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg		0.0012	U						
8260C	99-87-6	NA	Cymene	mg/kg		0.0023	U						
8260C	124-48-1	NA	Dibromochloromethane	mg/kg		0.0012	U						
8260C	74-95-3	NA	Dibromomethane	mg/kg		0.0023	U						
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg		0.023	U						
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg		0.023	U						
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg		0.0012	U						
8260C	100-41-4	NA	Ethylbenzene	mg/kg		0.0023	U						
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg		0.0023	U						
8260C	108-20-3	NA	Isopropyl Ether	mg/kg		0.0012	U						
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg		0.0023	U						
8260C	179601-23-1	NA	m,p-Xylene	mg/kg		0.0047	U						
8260C	79-20-9	NA	Methyl Acetate	mg/kg		0.0023	U						
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg		0.047	U						
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg		0.023	U						
8260C	108-87-2	NA	Methylcyclohexane	mg/kg		0.0023	U						
8260C	75-09-2	NA	Methylene Chloride	mg/kg		0.023	U						
8260C	91-20-3	NA	Naphthalene	mg/kg		0.0047	U						
8260C	104-51-8	NA	N-Butylbenzene	mg/kg		0.0023	U						
8260C	103-65-1	NA	N-Propylbenzene	mg/kg		0.0023	U						
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg		0.0023	U						
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg		0.0023	U						
8260C	100-42-5	NA	Styrene	mg/kg		0.0023	U						
8260C	98-06-6	NA	T-Butylbenzene	mg/kg		0.0023	U						
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg		0.12	U						
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg		0.0047	U						
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg		0.0023	U						
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg		0.012	U						
8260C	108-88-3	NA	Toluene	mg/kg		0.0023	U						
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg		0.0023	U						
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg		0.0012	U						
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg		0.0047	U						
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg		0.0023	U						
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg		0.012	U						
8260C	75-01-4	NA	Vinyl Chloride	mg/kg		0.012	U						
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.42	0.4	U	0.42	U	0.4	U	0.45	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.42	0.4	U	0.42	U	0.4	U	0.45	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.42	0.4	U	0.42	U	0.4	U	0.45	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.42	0.4	UJ	0.42	U	0.4	U	0.45	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.42	0.4	U	0.42	U	0.4	U	0.45	U

			Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0 0-0.17		WVA-SS-02-0 0-0.17		WVA-SS-03-0 0-0.17	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 21	U	0.2	U	0 21	U	0.2	U	0 22	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0 81	U	0.77	U	0 82	U	0.78	U	0 87	U
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0 21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.42	UJ	0.4	UJ	0.42	UJ	0.4	U	0.45	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0.81	U	0.77	U	0.82	U	0.78	U	0.87	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0.81	U	0.77	U	0.82	U	0.78	U	0.87	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0.81	U	0.77	U	0.82	U	0.78	U	0.87	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	62-53-3	NA	Aniline	mg/kg	0.42	UJ	0.4	UJ	0.42	UJ	0.4	UJ	0.45	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	92-87-5	NA	Benzidine	mg/kg	0.81	UJ	0.77	UJ	0.82	UJ	0.78	UJ	0.87	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.21	U	0.2	U	0.34		0.2	U	0.087	J
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.21	U	0.2	U	0.36		0.2	U	0.1	J
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0.075	J	0.2	U	0.51		0.2	U	0.17	J
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.21	U	0.2	U	0.25		0.2	U	0.22	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.21	U	0.2	U	0.2	J	0.2	U	0.22	U
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.2	U	1.2	U	1.2	U	1.2	U	1.3	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.42	UJ	0.4	UJ	0.42	U	0.4	U	0.45	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.42	UJ	0.4	UJ	0.42	UJ	0.4	UJ	0.45	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	86-74-8	NA	Carbazole	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	218-01-9	NA	Chrysene	mg/kg	0.21	U	0.2	U	0.41		0.2	U	0.14	J
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0.21	U	0.2	U	0.21	U	0.2	U	0.22	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U

			Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
			Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
			Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0 0-0.17		WVA-SS-02-0 0-0.17		WVA-SS-03-0 0-0.17	
			SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
			Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
			Matrix	SO		SO		SO		SO		SO	
			Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit									
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0 21	U	0.2	U	0.78		0.083	J	0.18	J
8270D	86-73-7	NA	Fluorene	mg/kg	0 21	U	0.2	U	0 21	U	0.2	U	0 22	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.42	U	0.4	U	0.42	UJ	0.4	UJ	0.45	UJ
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0 21	U	0.2	U	0.3		0.2	U	0 22	U
8270D	78-59-1	NA	Isophorone	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 21	U	0.2	U	0 21	U	0.2	U	0.22	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.42	UJ	0.4	UJ	0.42	U	0.4	UJ	0.45	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.21	U	0.2	U	0.34		0.2	U	0.22	U
8270D	108-95-2	NA	Phenol	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
8270D	129-00-0	NA	Pyrene	mg/kg	0.21	U	0.2	U	0.73		0.091	J	0.18	J
8270D	110-86-1	NA	Pyridine	mg/kg	0.42	U	0.4	U	0.42	U	0.4	U	0.45	U
A2540G	SOLID	NA	Solids, Percent	%	81.6		85.9		80.2		84.5		76	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg			0.45	U						
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg			0.45	U						
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg			0.45	U						
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg			0.57							
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg			0.45	U						
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg			0.45	U						
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg			0.45	U						
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg			0.45	U						
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg			0.45	UJ						
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg			0.45	U						
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg			0.45	U						
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg			0.45	U						
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg			0.45	U						
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg			0.45	U						
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg			0.45	U						
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg			0.45	U						
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg			0.45	U						
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg			0.45	U						
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg			0.45	U						
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg			0.45	U						
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg			0.45	U						
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg			0.45	U						
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg			0.45	U						
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg			0.45	U						
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg			0.45	U						
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg			0.45	U						
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg			0.45	U						
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg			0.14	J						

				Location ID	WVA-SB-08		WVA-SB-08		WVA-SS-01		WVA-SS-02		WVA-SS-03	
				Sample Date	5/5/2022		5/5/2022		5/5/2022		5/5/2022		5/5/2022	
				Sample ID	WVA-SB-08-0.5-1.0		WVA-SB-08-1.0-2.0		WVA-SS-01-0 0-0.17		WVA-SS-02-0 0-0.17		WVA-SS-03-0 0-0.17	
				SDG	22E0362		22E0362		22E0362		22E0362		22E0362	
				Lab Sample ID	22E0362-08		22E0362-09		22E0362-13		22E0362-12		22E0362-11	
				Matrix	SO		SO		SO		SO		SO	
				Sample Type Code	N		N		N		N		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit										
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg			0.45	U						
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg			0.45	U						
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg			0.45	U						
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg			0.45	U						
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg			0.45	U						
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg			0.45	U						
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg										
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg			120	U						
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg			120	U						
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg			12	U						
SW8151	75-99-0	NA	Dalapon	ug/kg			290	U						
SW8151	1918-00-9	NA	Dicamba	ug/kg			12	U						
SW8151	120-36-5	NA	Dichloroprop	ug/kg			120	U						
SW8151	88-85-7	NA	Dinoseb	ug/kg			58	U						
SW8151	94-74-6	NA	MCPA	ug/kg			11000	J						
SW8151	93-65-2	NA	Mecoprop	ug/kg			12000	U						
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg			12	U						
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	19	U	3.4	U	19	J	3.5	U	21	U
SW9014	57-12-5	T	Cyanide	mg/kg			0 63							
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg			122	U						

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
6010C	7429-90-5	NA	Aluminum	mg/kg	9700	
6010C	7440-36-0	NA	Antimony	mg/kg	2.1	U
6010C	7440-38-2	NA	Arsenic	mg/kg	24	
6010C	7440-39-3	NA	Barium	mg/kg	160	
6010C	7440-41-7	NA	Beryllium	mg/kg	0.47	
6010C	7440-42-8	NA	Boron	mg/kg	10	
6010C	7440-43-9	NA	Cadmium	mg/kg	3.6	
6010C	7440-70-2	NA	Calcium	mg/kg	4400	
6010C	7440-47-3	NA	Chromium, Total	mg/kg	14	
6010C	7440-48-4	NA	Cobalt	mg/kg	8.9	
6010C	7440-50-8	NA	Copper	mg/kg	26	
6010C	7439-89-6	NA	Iron	mg/kg	19000	
6010C	7439-92-1	NA	Lead	mg/kg	530	
6010C	7439-95-4	NA	Magnesium	mg/kg	2900	
6010C	7439-96-5	NA	Manganese	mg/kg	610	
6010C	7440-02-0	NA	Nickel	mg/kg	19	
6010C	7440-09-7	NA	Potassium	mg/kg	1500	
6010C	7782-49-2	NA	Selenium	mg/kg	4.2	U
6010C	7440-22-4	NA	Silver	mg/kg	0.42	U
6010C	7440-23-5	NA	Sodium	mg/kg	51	J
6010C	7440-28-0	NA	Thallium	mg/kg	2.1	U
6010C	7440-62-2	NA	Vanadium	mg/kg	17	
6010C	7440-66-6	NA	Zinc	mg/kg	220	
6010C	7440-38-2	TCLP	Arsenic	mg/l	0.024	J
6010C	7440-39-3	TCLP	Barium	mg/l	0.8	
6010C	7440-42-8	TCLP	Boron	mg/l		
6010C	7440-43-9	TCLP	Cadmium	mg/l	0.019	
6010C	7440-47-3	TCLP	Chromium, Total	mg/l	0.005	J
6010C	7439-92-1	TCLP	Lead	mg/l	0 23	
6010C	7782-49-2	TCLP	Selenium	mg/l	0 05	U
6010C	7440-22-4	TCLP	Silver	mg/l	0 05	U
7471B	7439-97-6	NA	Mercury	mg/kg	0.14	
7471B	7439-97-6	TCLP	Mercury	mg/l	0.0001	U
8081B	15972-60-8	NA	Alachlor	mg/kg	0.13	U
8081B	309-00-2	NA	Aldrin	mg/kg	0.032	U
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	mg/kg	0.032	U
8081B	959-98-8	NA	Alpha Endosulfan	mg/kg	0.032	U
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	mg/kg	0.032	U
8081B	33213-65-9	NA	Beta Endosulfan	mg/kg	0.052	U
8081B	57-74-9	NA	Chlordane	mg/kg	0 09	J
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	mg/kg	0.032	U
8081B	60-57-1	NA	Dieldrin	mg/kg	0.026	U
8081B	1031-07-8	NA	Endosulfan Sulfate	mg/kg	0.052	U
8081B	72-20-8	NA	Endrin	mg/kg	0.052	U
8081B	7421-93-4	NA	Endrin Aldehyde	mg/kg	0.052	U
8081B	53494-70-5	NA	Endrin Ketone	mg/kg	0.052	U
8081B	58-89-9	NA	Gamma Bhc (Lindane)	mg/kg	0.013	UJ
8081B	76-44-8	NA	Heptachlor	mg/kg	0.032	U
8081B	1024-57-3	NA	Heptachlor Epoxide	mg/kg	0.032	U

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
8081B	118-74-1	NA	Hexachlorobenzene	mg/kg	0.039	U
8081B	72-43-5	NA	Methoxychlor	mg/kg	0 32	U
8081B	72-54-8	NA	P,P'-DDD	mg/kg	0.026	U
8081B	72-55-9	NA	P P'-DDE	mg/kg	0.053	
8081B	50-29-3	NA	P,P'-DDT	mg/kg	0.028	
8081B	8001-35-2	NA	Toxaphene	mg/kg	0 64	U
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	mg/kg	0.1	U
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	mg/kg	0.1	U
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	mg/kg	0.1	U
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	mg/kg	0.1	U
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	mg/kg	0.1	U
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	mg/kg	0.1	U
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	mg/kg	0.048	J
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	mg/kg	0.1	U
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	mg/kg	0.1	U
8260C	630-20-6	NA	1 1 1 2-Tetrachloroethane	mg/kg	0.0027	U
8260C	71-55-6	NA	1 1 1-Trichloroethane (TCA)	mg/kg	0.0027	U
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	mg/kg	0.0013	U
8260C	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	0.013	U
8260C	79-00-5	NA	1,1,2-Trichloroethane	mg/kg	0.0027	U
8260C	75-34-3	NA	1,1-Dichloroethane	mg/kg	0.0027	U
8260C	75-35-4	NA	1 1-Dichloroethene	mg/kg	0.0053	U
8260C	563-58-6	NA	1 1-Dichloropropene	mg/kg	0.0027	U
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	mg/kg	0.0027	U
8260C	96-18-4	NA	1,2,3-Trichloropropane	mg/kg	0.0027	U
8260C	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.0027	U
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	mg/kg	0.0027	U
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	mg/kg	0.0027	U
8260C	106-93-4	NA	1 2-Dibromoethane (Ethylene Dibromide)	mg/kg	0.0013	U
8260C	95-50-1	NA	1,2-Dichlorobenzene	mg/kg	0.0027	U
8260C	107-06-2	NA	1,2-Dichloroethane	mg/kg	0.0027	U
8260C	78-87-5	NA	1,2-Dichloropropane	mg/kg	0.0027	U
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	mg/kg	0.0027	U
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	0.0027	U
8260C	541-73-1	NA	1 3-Dichlorobenzene	mg/kg	0.0027	U
8260C	142-28-9	NA	1,3-Dichloropropane	mg/kg	0.0013	U
8260C	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.0027	U
8260C	123-91-1	NA	1,4-Dioxane (P-Dioxane)	mg/kg	0.13	U
8260C	594-20-7	NA	2,2-Dichloropropane	mg/kg	0.0027	U
8260C	95-49-8	NA	2-Chlorotoluene	mg/kg	0.0027	U
8260C	591-78-6	NA	2-Hexanone	mg/kg	0.027	U
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	mg/kg	0.0013	U
8260C	106-43-4	NA	4-Chlorotoluene	mg/kg	0.0027	U
8260C	67-64-1	NA	Acetone	mg/kg	0 08	J
8260C	107-13-1	NA	Acrylonitrile	mg/kg	0.008	U
8260C	71-43-2	NA	Benzene	mg/kg	0.0027	U
8260C	108-86-1	NA	Bromobenzene	mg/kg	0.0027	U
8260C	74-97-5	NA	Bromochloromethane	mg/kg	0.0027	U
8260C	75-27-4	NA	Bromodichloromethane	mg/kg	0.0027	U

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
8260C	75-25-2	NA	Bromoform	mg/kg	0.0027	U
8260C	74-83-9	NA	Bromomethane	mg/kg	0.013	U
8260C	75-15-0	NA	Carbon Disulfide	mg/kg	0.013	U
8260C	56-23-5	NA	Carbon Tetrachloride	mg/kg	0.0027	U
8260C	108-90-7	NA	Chlorobenzene	mg/kg	0.0027	U
8260C	75-00-3	NA	Chloroethane	mg/kg	0.027	U
8260C	67-66-3	NA	Chloroform	mg/kg	0.0053	U
8260C	74-87-3	NA	Chloromethane	mg/kg	0.013	U
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	mg/kg	0.0027	U
8260C	10061-01-5	NA	Cis-1 3-Dichloropropene	mg/kg	0.0013	U
8260C	99-87-6	NA	Cymene	mg/kg	0.0027	U
8260C	124-48-1	NA	Dibromochloromethane	mg/kg	0.0013	U
8260C	74-95-3	NA	Dibromomethane	mg/kg	0.0027	U
8260C	75-71-8	NA	Dichlorodifluoromethane	mg/kg	0.027	U
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	mg/kg	0.027	U
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	mg/kg	0.0013	U
8260C	100-41-4	NA	Ethylbenzene	mg/kg	0.0027	U
8260C	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.0027	U
8260C	108-20-3	NA	Isopropyl Ether	mg/kg	0.0013	U
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	mg/kg	0.0027	U
8260C	179601-23-1	NA	m,p-Xylene	mg/kg	0.0053	U
8260C	79-20-9	NA	Methyl Acetate	mg/kg	0.0027	U
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	mg/kg	0.053	U
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	0.027	U
8260C	108-87-2	NA	Methylcyclohexane	mg/kg	0.0027	U
8260C	75-09-2	NA	Methylene Chloride	mg/kg	0.027	U
8260C	91-20-3	NA	Naphthalene	mg/kg	0.0053	U
8260C	104-51-8	NA	N-Butylbenzene	mg/kg	0.0027	U
8260C	103-65-1	NA	N-Propylbenzene	mg/kg	0.0027	U
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.0027	U
8260C	135-98-8	NA	Sec-Butylbenzene	mg/kg	0.0027	U
8260C	100-42-5	NA	Styrene	mg/kg	0.0027	U
8260C	98-06-6	NA	T-Butylbenzene	mg/kg	0.0027	U
8260C	75-65-0	NA	Tert-Butyl Alcohol	mg/kg	0.13	U
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	mg/kg	0.0053	U
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	mg/kg	0.0027	U
8260C	109-99-9	NA	Tetrahydrofuran	mg/kg	0.013	U
8260C	108-88-3	NA	Toluene	mg/kg	0.0027	U
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	mg/kg	0.0027	U
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	mg/kg	0.0013	U
8260C	110-57-6	NA	Trans-1 4-Dichloro-2-Butene	mg/kg	0.0053	U
8260C	79-01-6	NA	Trichloroethylene (TCE)	mg/kg	0.0027	U
8260C	75-69-4	NA	Trichlorofluoromethane	mg/kg	0.013	U
8260C	75-01-4	NA	Vinyl Chloride	mg/kg	0.013	U
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	mg/kg	0.45	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	mg/kg	0.45	U
8270D	95-50-1	NA	1 2-Dichlorobenzene	mg/kg	0.45	U
8270D	122-66-7	NA	1 2-Diphenylhydrazine	mg/kg	0.45	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	mg/kg	0.45	U

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
8270D	106-46-7	NA	1,4-Dichlorobenzene	mg/kg	0.45	U
8270D	90-12-0	NA	1-Methylnaphthalene	mg/kg	0 23	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	mg/kg	0.45	U
8270D	88-06-2	NA	2 4 6-Trichlorophenol	mg/kg	0.45	U
8270D	120-83-2	NA	2,4-Dichlorophenol	mg/kg	0.45	U
8270D	105-67-9	NA	2,4-Dimethylphenol	mg/kg	0.45	U
8270D	51-28-5	NA	2,4-Dinitrophenol	mg/kg	0 88	U
8270D	121-14-2	NA	2,4-Dinitrotoluene	mg/kg	0.45	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	mg/kg	0.45	U
8270D	91-58-7	NA	2-Chloronaphthalene	mg/kg	0.45	U
8270D	95-57-8	NA	2-Chlorophenol	mg/kg	0.45	U
8270D	91-57-6	NA	2-Methylnaphthalene	mg/kg	0 23	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	mg/kg	0.45	U
8270D	88-74-4	NA	2-Nitroaniline	mg/kg	0.45	U
8270D	88-75-5	NA	2-Nitrophenol	mg/kg	0.45	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	mg/kg	0.45	U
8270D	91-94-1	NA	3 3'-Dichlorobenzidine	mg/kg	0 23	U
8270D	99-09-2	NA	3-Nitroaniline	mg/kg	0.45	U
8270D	534-52-1	NA	4,6-Dinitro-2-Methylphenol	mg/kg	0.45	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	mg/kg	0.45	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	mg/kg	0 88	U
8270D	106-47-8	NA	4-Chloroaniline	mg/kg	0 88	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	mg/kg	0.45	U
8270D	100-01-6	NA	4-Nitroaniline	mg/kg	0.45	U
8270D	100-02-7	NA	4-Nitrophenol	mg/kg	0 88	U
8270D	83-32-9	NA	Acenaphthene	mg/kg	0 23	U
8270D	208-96-8	NA	Acenaphthylene	mg/kg	0 23	U
8270D	98-86-2	NA	Acetophenone	mg/kg	0.45	U
8270D	62-53-3	NA	Aniline	mg/kg	0.45	UJ
8270D	120-12-7	NA	Anthracene	mg/kg	0 23	U
8270D	92-87-5	NA	Benzidine	mg/kg	0 88	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	mg/kg	0.13	J
8270D	50-32-8	NA	Benzo(A)Pyrene	mg/kg	0.15	J
8270D	205-99-2	NA	Benzo(B)Fluoranthene	mg/kg	0 27	
8270D	191-24-2	NA	Benzo(G H I)Perylene	mg/kg	0.14	J
8270D	207-08-9	NA	Benzo(K)Fluoranthene	mg/kg	0.085	J
8270D	65-85-0	NA	Benzoic Acid	mg/kg	1.3	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	mg/kg	0.45	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	mg/kg	0.45	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	0.45	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	mg/kg	0.45	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	mg/kg	0.45	U
8270D	86-74-8	NA	Carbazole	mg/kg	0 23	U
8270D	218-01-9	NA	Chrysene	mg/kg	0.2	J
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	mg/kg	0 23	U
8270D	132-64-9	NA	Dibenzofuran	mg/kg	0.45	U
8270D	84-66-2	NA	Diethyl Phthalate	mg/kg	0.45	U
8270D	131-11-3	NA	Dimethyl Phthalate	mg/kg	0.45	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	mg/kg	0.45	U

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
8270D	117-84-0	NA	Di-N-Octylphthalate	mg/kg	0.45	U
8270D	206-44-0	NA	Fluoranthene	mg/kg	0 26	
8270D	86-73-7	NA	Fluorene	mg/kg	0 23	U
8270D	118-74-1	NA	Hexachlorobenzene	mg/kg	0.45	U
8270D	87-68-3	NA	Hexachlorobutadiene	mg/kg	0.45	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	mg/kg	0.45	UJ
8270D	67-72-1	NA	Hexachloroethane	mg/kg	0.45	U
8270D	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	mg/kg	0.16	J
8270D	78-59-1	NA	Isophorone	mg/kg	0.45	U
8270D	91-20-3	NA	Naphthalene	mg/kg	0 23	U
8270D	98-95-3	NA	Nitrobenzene	mg/kg	0.45	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	mg/kg	0.45	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	mg/kg	0.45	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	mg/kg	0.45	U
8270D	82-68-8	NA	Pentachloronitrobenzene	mg/kg	0.45	U
8270D	87-86-5	NA	Pentachlorophenol	mg/kg	0.45	U
8270D	85-01-8	NA	Phenanthrene	mg/kg	0.11	J
8270D	108-95-2	NA	Phenol	mg/kg	0.45	U
8270D	129-00-0	NA	Pyrene	mg/kg	0 25	
8270D	110-86-1	NA	Pyridine	mg/kg	0.45	U
A2540G	SOLID	NA	Solids, Percent	%	75.3	
E537	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ug/kg	0 51	U
E537	39108-34-4	NA	1H 1H 2H 2H-Perfluorodecane sulfonic acid	ug/kg	0 51	U
E537	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ug/kg	0 51	U
E537	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ug/kg	0 51	U
E537	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ug/kg	0 51	U
E537	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg	0 51	U
E537	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ug/kg	0 51	U
E537	D5-NETFOSAA	NA	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0 51	U
E537	D3-NMEFOSAA	NA	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ug/kg	0 51	UJ
E537	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid	ug/kg	0 51	U
E537	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid	ug/kg	0 51	U
E537	30334-69-1	NA	Perfluoro-1-butanesulfonamide (FBSA)	ug/kg	0 51	U
E537	41997-13-1	NA	Perfluoro-1-hexanesulfonamide (FHxSA)	ug/kg	0 51	U
E537	377-73-1	NA	Perfluoro-3-methoxypropanoic acid	ug/kg	0 51	U
E537	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid	ug/kg	0 51	U
E537	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	ug/kg	0 51	U
E537	375-22-4	NA	Perfluorobutanoic Acid	ug/kg	0 52	
E537	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	ug/kg	0 51	U
E537	335-76-2	NA	Perfluorodecanoic acid (PFDA)	ug/kg	0 51	U
E537	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	ug/kg	0 51	U
E537	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	0 51	U
E537	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	ug/kg	0.14	J
E537	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	ug/kg	0 51	U
E537	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	ug/kg	0 51	U
E537	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	ug/kg	0 51	U
E537	375-95-1	NA	Perfluorononanoic acid (PFNA)	ug/kg	0.12	J
E537	754-91-6	NA	Perfluorooctane Sulfonamide (FOSA)	ug/kg	0 51	U
E537	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.5	

				Location ID	WVA-SS-04	
				Sample Date	5/5/2022	
				Sample ID	WVA-SS-04-0 0-0.17	
				SDG	22E0362	
				Lab Sample ID	22E0362-10	
				Matrix	SO	
				Sample Type Code	N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit		
E537	335-67-1	NA	Perfluorooctanoic acid (PFOA)	ug/kg	0.6	
E537	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	ug/kg	0 51	U
E537	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	ug/kg	0.2	J
E537	376-06-7	NA	Perfluorotetradecanoic acid (PFTA)	ug/kg	0 51	U
E537	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ug/kg	0 51	U
E537	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	ug/kg	0 51	U
LLOYDKAHN	TOC	NA	Total Organic Carbon	mg/kg		
SW8151	94-82-6	NA	2,4-(Dichlorophenoxy)butyric acid	ug/kg	130	U
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/kg	37	J
SW8151	93-76-5	NA	Acetic acid (2 4 5-trichlorophenoxy)-	ug/kg	13	U
SW8151	75-99-0	NA	Dalapon	ug/kg	330	U
SW8151	1918-00-9	NA	Dicamba	ug/kg	13	U
SW8151	120-36-5	NA	Dichloroprop	ug/kg	130	U
SW8151	88-85-7	NA	Dinoseb	ug/kg	66	U
SW8151	94-74-6	NA	MCPA	ug/kg	13000	U
SW8151	93-65-2	NA	Mecoprop	ug/kg	13000	U
SW8151	93-72-1	NA	Silvex (2 4 5-TP)	ug/kg	13	U
SW8270	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/kg	11	J
SW9014	57-12-5	T	Cyanide	mg/kg	2.7	
SW9071	TPHNONPOLAR	NA	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg	90.6	J

			Location ID							
			Sample Date		5/6/2022			5/6/2022		
			Sample ID		WVA-SS-EB-01			WVA-SB-EB-01		
			SDG		22E0442			22E0442		
			Lab Sample ID		22E0442-01			22E0442-02		
			Matrix		WQ			WQ		
			Sample Type Code		EB			EB		
Analytical Method	cas_rn	fraction	Chemical Name	Unit						
6010C	7429-90-5	T	Aluminum	mg/l	0.05	U		0.05	U	
6010C	7440-36-0	T	Antimony	mg/l	0.05	U		0.05	U	
6010C	7440-38-2	T	Arsenic	mg/l	0.01	U		0.01	U	
6010C	7440-39-3	T	Barium	mg/l	0.05	U		0.05	U	
6010C	7440-41-7	T	Beryllium	mg/l	0.004	U		0.004	U	
6010C	7440-42-8	T	Boron	mg/l	0.1	U		0.1	U	
6010C	7440-43-9	T	Cadmium	mg/l	0.004	U		0.004	U	
6010C	7440-70-2	T	Calcium	mg/l	0.64			0.5	U	
6010C	7440-47-3	T	Chromium, Total	mg/l	0.01	U		0.01	U	
6010C	7440-48-4	T	Cobalt	mg/l	0.01	U		0.01	U	
6010C	7440-50-8	T	Copper	mg/l	0.01	U		0.01	U	
6010C	7439-89-6	T	Iron	mg/l	0.05	U		0.18		
6010C	7439-92-1	T	Lead	mg/l	0.01	U		0.01	U	
6010C	7439-95-4	T	Magnesium	mg/l	0.013	J		0.0098	J	
6010C	7439-96-5	T	Manganese	mg/l	0.01	U		0.0023	J	
6010C	7440-02-0	T	Nickel	mg/l	0.01	U		0.01	U	
6010C	7440-09-7	T	Potassium	mg/l	0.63	J		2	U	
6010C	7782-49-2	T	Selenium	mg/l	0.05	U		0.05	U	
6010C	7440-22-4	T	Silver	mg/l	0.01	U		0.01	U	
6010C	7440-23-5	T	Sodium	mg/l	0.61	J		2	U	
6010C	7440-28-0	T	Thallium	mg/l	0.05	U		0.05	U	
6010C	7440-62-2	T	Vanadium	mg/l	0.01	U		0.01	U	
6010C	7440-66-6	T	Zinc	mg/l	0.009	J		0.01	U	
7471B	7439-97-6	T	Mercury	mg/l	0.0001	U		0.0001	U	
8081B	15972-60-8	NA	Alachlor	ug/l	0.2	U		0.2	U	
8081B	309-00-2	NA	Aldrin	ug/l	0.05	U		0.05	U	
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	0.05	UJ		0.05	UJ	
8081B	959-98-8	NA	Alpha Endosulfan	ug/l	0.05	U		0.05	U	
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	0.05	U		0.05	U	
8081B	33213-65-9	NA	Beta Endosulfan	ug/l	0.08	U		0.08	U	
8081B	57-74-9	NA	Chlordane	ug/l	0.2	U		0.2	U	
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	ug/l	0.05	U		0.05	U	
8081B	60-57-1	NA	Dieldrin	ug/l	0.002	U		0.002	U	
8081B	1031-07-8	NA	Endosulfan Sulfate	ug/l	0.08	U		0.08	U	
8081B	72-20-8	NA	Endrin	ug/l	0.08	U		0.08	U	
8081B	7421-93-4	NA	Endrin Aldehyde	ug/l	0.08	U		0.08	U	
8081B	53494-70-5	NA	Endrin Ketone	ug/l	0.08	U		0.08	U	
8081B	58-89-9	NA	Gamma Bhc (Lindane)	ug/l	0.03	UJ		0.03	UJ	
8081B	76-44-8	NA	Heptachlor	ug/l	0.05	U		0.05	U	
8081B	1024-57-3	NA	Heptachlor Epoxide	ug/l	0.05	U		0.05	U	
8081B	118-74-1	NA	Hexachlorobenzene	ug/l	0.05	U		0.05	U	
8081B	72-43-5	NA	Methoxychlor	ug/l	0.5	U		0.5	U	
8081B	72-54-8	NA	P,P'-DDD	ug/l	0.04	U		0.04	U	
8081B	72-55-9	NA	P,P'-DDE	ug/l	0.04	U		0.04	U	
8081B	50-29-3	NA	P,P'-DDT	ug/l	0.04	U		0.04	U	
8081B	8001-35-2	NA	Toxaphene	ug/l	1	U		1	U	
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	ug/l	0.2	U		0.2	U	
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	ug/l	0.2	U		0.2	U	
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	ug/l	0.2	U		0.2	U	

			Location ID				
			Sample Date	5/6/2022		5/6/2022	
			Sample ID	WVA-SS-EB-01		WVA-SB-EB-01	
			SDG	22E0442		22E0442	
			Lab Sample ID	22E0442-01		22E0442-02	
			Matrix	WQ		WQ	
			Sample Type Code	EB		EB	
Analytical Method	cas_rn	fraction	Chemical Name	Unit			
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	ug/l	0.2 U	0.2	U
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	ug/l	0.2 U	0.2	U
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	ug/l	0.2 U	0.2	U
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	ug/l	0.2 U	0.2	U
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	ug/l	0.2 U	0.2	U
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	ug/l	0.2 U	0.2	U
8260C	630-20-6	NA	1,1,1,2-Tetrachloroethane	ug/l	1 U	1	U
8260C	71-55-6	NA	1,1,1-Trichloroethane (TCA)	ug/l	1 UJ	1	UJ
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	ug/l	0.5 U	0.5	U
8260C	76-13-1	NA	1 1 2-Trichloro-1 2 2-Trifluoroethane	ug/l	1 UJ	1	UJ
8260C	79-00-5	NA	1,1,2-Trichloroethane	ug/l	1 U	1	U
8260C	75-34-3	NA	1,1-Dichloroethane	ug/l	1 U	1	U
8260C	75-35-4	NA	1,1-Dichloroethene	ug/l	1 U	1	U
8260C	563-58-6	NA	1,1-Dichloropropene	ug/l	2 U	2	U
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	ug/l	5 U	5	U
8260C	96-18-4	NA	1 2 3-Trichloropropane	ug/l	2 U	2	U
8260C	120-82-1	NA	1 2 4-Trichlorobenzene	ug/l	1 U	1	U
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	ug/l	1 U	1	U
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5	U
8260C	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.5 U	0.5	U
8260C	95-50-1	NA	1,2-Dichlorobenzene	ug/l	1 U	1	U
8260C	107-06-2	NA	1 2-Dichloroethane	ug/l	1 U	1	U
8260C	78-87-5	NA	1 2-Dichloropropane	ug/l	1 U	1	U
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	ug/l	1 U	1	U
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	1 U	1	U
8260C	541-73-1	NA	1,3-Dichlorobenzene	ug/l	1 U	1	U
8260C	142-28-9	NA	1,3-Dichloropropane	ug/l	0.5 U	0.5	U
8260C	106-46-7	NA	1,4-Dichlorobenzene	ug/l	1 U	1	U
8260C	123-91-1	NA	1 4-Dioxane (P-Dioxane)	ug/l	50 U	50	U
8260C	594-20-7	NA	2,2-Dichloropropane	ug/l	1 U	1	U
8260C	95-49-8	NA	2-Chlorotoluene	ug/l	1 U	1	U
8260C	591-78-6	NA	2-Hexanone	ug/l	10 U	10	U
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	ug/l	0.5 U	0.5	U
8260C	106-43-4	NA	4-Chlorotoluene	ug/l	1 U	1	U
8260C	67-64-1	NA	Acetone	ug/l	50 U	50	U
8260C	107-13-1	NA	Acrylonitrile	ug/l	5 UJ	5	UJ
8260C	71-43-2	NA	Benzene	ug/l	1 U	1	U
8260C	108-86-1	NA	Bromobenzene	ug/l	1 U	1	U
8260C	74-97-5	NA	Bromochloromethane	ug/l	1 U	1	U
8260C	75-27-4	NA	Bromodichloromethane	ug/l	0.5 U	0.5	U
8260C	75-25-2	NA	Bromoform	ug/l	1 UJ	1	UJ
8260C	74-83-9	NA	Bromomethane	ug/l	2 U	2	U
8260C	75-15-0	NA	Carbon Disulfide	ug/l	5 UJ	5	UJ
8260C	56-23-5	NA	Carbon Tetrachloride	ug/l	5 U	5	U
8260C	108-90-7	NA	Chlorobenzene	ug/l	1 U	1	U
8260C	75-00-3	NA	Chloroethane	ug/l	2 UJ	2	UJ
8260C	67-66-3	NA	Chloroform	ug/l	7.4	6.3	
8260C	74-87-3	NA	Chloromethane	ug/l	2 UJ	2	UJ
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	ug/l	1 U	1	U

			Location ID				
			Sample Date	5/6/2022		5/6/2022	
			Sample ID	WVA-SS-EB-01		WVA-SB-EB-01	
			SDG	22E0442		22E0442	
			Lab Sample ID	22E0442-01		22E0442-02	
			Matrix	WQ		WQ	
			Sample Type Code	EB		EB	
Analytical Method	cas_rn	fraction	Chemical Name	Unit			
8260C	10061-01-5	NA	Cis-1,3-Dichloropropene	ug/l	0.5 U	0.5	U
8260C	99-87-6	NA	Cymene	ug/l	1 U	1	U
8260C	124-48-1	NA	Dibromochloromethane	ug/l	0.5 U	0.5	U
8260C	74-95-3	NA	Dibromomethane	ug/l	1 U	1	U
8260C	75-71-8	NA	Dichlorodifluoromethane	ug/l	2 U	2	U
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	ug/l	2 U	2	U
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	ug/l	0.5 U	0.5	U
8260C	100-41-4	NA	Ethylbenzene	ug/l	1 U	1	U
8260C	87-68-3	NA	Hexachlorobutadiene	ug/l	0.6 U	0.6	U
8260C	108-20-3	NA	Isopropyl Ether	ug/l	0.5 U	0.5	U
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	ug/l	1 U	1	U
8260C	179601-23-1	NA	m,p-Xylene	ug/l	2 U	2	U
8260C	79-20-9	NA	Methyl Acetate	ug/l	1 U	1	U
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	ug/l	20 U	20	U
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	10 U	10	U
8260C	108-87-2	NA	Methylcyclohexane	ug/l	1 U	1	U
8260C	75-09-2	NA	Methylene Chloride	ug/l	5 U	5	U
8260C	91-20-3	NA	Naphthalene	ug/l	2 U	2	U
8260C	104-51-8	NA	N-Butylbenzene	ug/l	1 U	1	U
8260C	103-65-1	NA	N-Propylbenzene	ug/l	1 U	1	U
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	ug/l	1 U	1	U
8260C	135-98-8	NA	Sec-Butylbenzene	ug/l	1 U	1	U
8260C	100-42-5	NA	Styrene	ug/l	1 U	1	U
8260C	98-06-6	NA	T-Butylbenzene	ug/l	1 U	1	U
8260C	75-65-0	NA	Tert-Butyl Alcohol	ug/l	20 UJ	20	UJ
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	ug/l	1 U	1	U
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	ug/l	1 U	1	U
8260C	109-99-9	NA	Tetrahydrofuran	ug/l	10 U	10	U
8260C	108-88-3	NA	Toluene	ug/l	1 U	1	U
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	ug/l	1 U	1	U
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	ug/l	0.5 U	0.5	U
8260C	110-57-6	NA	Trans-1,4-Dichloro-2-Butene	ug/l	2 U	2	U
8260C	79-01-6	NA	Trichloroethylene (TCE)	ug/l	1 U	1	U
8260C	75-69-4	NA	Trichlorofluoromethane	ug/l	2 UJ	2	UJ
8260C	75-01-4	NA	Vinyl Chloride	ug/l	2 U	2	U
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	ug/l	10 U	11	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	ug/l	5.1 U	5.3	U
8270D	95-50-1	NA	1,2-Dichlorobenzene	ug/l	5.1 UJ	5.3	UJ
8270D	122-66-7	NA	1,2-Diphenylhydrazine	ug/l	10 U	11	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	ug/l	5.1 UJ	5.3	UJ
8270D	106-46-7	NA	1 4-Dichlorobenzene	ug/l	5.1 UJ	5.3	UJ
8270D	90-12-0	NA	1-Methylnaphthalene	ug/l	5.1 U	5.3	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	ug/l	10 U	11	U
8270D	88-06-2	NA	2,4,6-Trichlorophenol	ug/l	10 U	11	U
8270D	120-83-2	NA	2,4-Dichlorophenol	ug/l	10 U	11	U
8270D	105-67-9	NA	2,4-Dimethylphenol	ug/l	10 U	11	U
8270D	51-28-5	NA	2 4-Dinitrophenol	ug/l	10 U	11	U
8270D	121-14-2	NA	2 4-Dinitrotoluene	ug/l	10 U	11	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	ug/l	10 U	11	U

			Location ID				
			Sample Date	5/6/2022		5/6/2022	
			Sample ID	WVA-SS-EB-01		WVA-SB-EB-01	
			SDG	22E0442		22E0442	
			Lab Sample ID	22E0442-01		22E0442-02	
			Matrix	WQ		WQ	
			Sample Type Code	EB		EB	
Analytical Method	cas_rn	fraction	Chemical Name	Unit			
8270D	91-58-7	NA	2-Chloronaphthalene	ug/l	10 U	11	U
8270D	95-57-8	NA	2-Chlorophenol	ug/l	10 U	11	U
8270D	91-57-6	NA	2-Methylnaphthalene	ug/l	5.1 U	5.3	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	ug/l	10 U	11	U
8270D	88-74-4	NA	2-Nitroaniline	ug/l	10 UJ	11	UJ
8270D	88-75-5	NA	2-Nitrophenol	ug/l	10 U	11	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	ug/l	10 U	11	U
8270D	91-94-1	NA	3,3'-Dichlorobenzidine	ug/l	10 U	11	U
8270D	99-09-2	NA	3-Nitroaniline	ug/l	10 U	11	U
8270D	534-52-1	NA	4 6-Dinitro-2-Methylphenol	ug/l	10 U	11	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	ug/l	10 U	11	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	ug/l	10 U	11	U
8270D	106-47-8	NA	4-Chloroaniline	ug/l	10 U	11	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	ug/l	10 U	11	U
8270D	100-01-6	NA	4-Nitroaniline	ug/l	10 U	11	U
8270D	100-02-7	NA	4-Nitrophenol	ug/l	10 U	11	U
8270D	83-32-9	NA	Acenaphthene	ug/l	5.1 U	5.3	U
8270D	208-96-8	NA	Acenaphthylene	ug/l	5.1 U	5.3	U
8270D	98-86-2	NA	Acetophenone	ug/l	10 U	11	U
8270D	62-53-3	NA	Aniline	ug/l	5.1 UJ	5.3	UJ
8270D	120-12-7	NA	Anthracene	ug/l	5.1 U	5.3	U
8270D	92-87-5	NA	Benzidine	ug/l	20 UJ	21	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	ug/l	5.1 U	5.3	U
8270D	50-32-8	NA	Benzo(A)Pyrene	ug/l	5.1 U	5.3	U
8270D	205-99-2	NA	Benzo(B)Fluoranthene	ug/l	5.1 U	5.3	U
8270D	191-24-2	NA	Benzo(G,H,I)Perylene	ug/l	5.1 U	5.3	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	ug/l	5.1 U	5.3	U
8270D	65-85-0	NA	Benzoic Acid	ug/l	10 U	11	U
8270D	85-68-7	NA	Benzyl Butyl Phthalate	ug/l	10 U	11	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	ug/l	10 U	11	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l	10 UJ	11	UJ
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	11	UJ
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	ug/l	10 U	11	U
8270D	86-74-8	NA	Carbazole	ug/l	10 U	11	U
8270D	218-01-9	NA	Chrysene	ug/l	5.1 U	5.3	U
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	ug/l	5.1 U	5.3	U
8270D	132-64-9	NA	Dibenzofuran	ug/l	5.1 U	5.3	U
8270D	84-66-2	NA	Diethyl Phthalate	ug/l	10 U	11	U
8270D	131-11-3	NA	Dimethyl Phthalate	ug/l	10 U	11	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	ug/l	10 U	11	U
8270D	117-84-0	NA	Di-N-Octylphthalate	ug/l	10 U	11	U
8270D	206-44-0	NA	Fluoranthene	ug/l	5.1 U	5.3	U
8270D	86-73-7	NA	Fluorene	ug/l	5.1 U	5.3	U
8270D	118-74-1	NA	Hexachlorobenzene	ug/l	10 U	11	U
8270D	87-68-3	NA	Hexachlorobutadiene	ug/l	10 U	11	U
8270D	77-47-4	NA	Hexachlorocyclopentadiene	ug/l	10 UJ	11	UJ
8270D	67-72-1	NA	Hexachloroethane	ug/l	10 UJ	11	UJ
8270D	193-39-5	NA	Indeno(1 2 3-C D)Pyrene	ug/l	5.1 U	5.3	U
8270D	78-59-1	NA	Isophorone	ug/l	10 U	11	U

			Location ID				
			Sample Date	5/6/2022		5/6/2022	
			Sample ID	WVA-SS-EB-01		WVA-SB-EB-01	
			SDG	22E0442		22E0442	
			Lab Sample ID	22E0442-01		22E0442-02	
			Matrix	WQ		WQ	
			Sample Type Code	EB		EB	
Analytical Method	cas_rn	fraction	Chemical Name	Unit			
8270D	91-20-3	NA	Naphthalene	ug/l	5.1 U	5.3	U
8270D	98-95-3	NA	Nitrobenzene	ug/l	10 U	11	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	ug/l	10 UJ	11	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	ug/l	10 U	11	U
8270D	82-68-8	NA	Pentachloronitrobenzene	ug/l	10 U	11	U
8270D	87-86-5	NA	Pentachlorophenol	ug/l	10 U	11	U
8270D	85-01-8	NA	Phenanthrene	ug/l	5.1 U	5.3	U
8270D	108-95-2	NA	Phenol	ug/l	10 U	11	U
8270D	129-00-0	NA	Pyrene	ug/l	5.1 U	5.3	U
8270D	110-86-1	NA	Pyridine	ug/l	5.1 U	5.3	U
8270D	UNKVOA1	NA	Unknown Volatile Organic With 1st Highest Conc.	ug/l	10 U	11	U
E1664	OILGREASENONP	T	Sgt Hem (Oil And Grease - Nonpolar	mg/l	1.4 U	1.4	U
E537	763051-92-9	T	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ng/l	1.9 U	2.1	U
E537	39108-34-4	T	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ng/l	1.9 U	2.1	U
E537	757124-72-4	T	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ng/l	1.9 UJ	2.1	U
E537	27619-97-2	T	1H 1H 2H 2H-Perfluorooctane sulfonic acid	ng/l	1.9 U	2.1	U
E537	919005-14-4	T	4 8-Dioxa-3H-perfluorononanoic acid (ADONA)	ng/l	1.9 U	2.1	U
E537	756426-58-1	T	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ng/l	1.9 U	2.1	U
E537	13252-13-6	T	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/l	1.9 U	2.1	U
E537	D5-NETFOSAA	T	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ng/l	1.9 U	2.1	U
E537	D3-NMEFOSAA	T	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ng/l	1.9 U	2.1	U
E537	151772-58-6	T	Nonafluoro-3 6-dioxaheptanoic acid	ng/l	1.9 U	2.1	U
E537	113507-82-7	T	Perfluoro(2-ethoxyethane)sulfonic acid	ng/l	1.9 U	2.1	U
E537	30334-69-1	T	Perfluoro-1-butanesulfonamide (FBSA)	ng/l	1.9 U	2.1	U
E537	41997-13-1	T	Perfluoro-1-hexanesulfonamide (FHxSA)	ng/l	1.9 U	2.1	U
E537	377-73-1	T	Perfluoro-3-methoxypropanoic acid	ng/l	1.9 U	2.1	U
E537	863090-89-5	T	Perfluoro-4-methoxybutanoic acid	ng/l	1.9 U	2.1	U
E537	375-73-5	T	Perfluorobutanesulfonic acid (PFBS)	ng/l	1.9 U	2.1	U
E537	375-22-4	T	Perfluorobutanoic Acid	ng/l	1.9 U	2.1	U
E537	335-77-3	T	Perfluorodecanesulfonic acid (PFDS)	ng/l	1.9 U	2.1	U
E537	335-76-2	T	Perfluorodecanoic acid (PFDA)	ng/l	1.9 U	2.1	U
E537	307-55-1	T	Perfluorododecanoic acid (PFDoA)	ng/l	1.9 U	2.1	U
E537	375-92-8	T	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	1.9 U	2.1	U
E537	375-85-9	T	Perfluoroheptanoic acid (PFHpA)	ng/l	1.9 U	2.1	U
E537	355-46-4	T	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1.9 U	2.1	U
E537	307-24-4	T	Perfluorohexanoic acid (PFHxA)	ng/l	1.9 U	2.1	U
E537	68259-12-1	T	Perfluorononanesulfonic Acid (PFNS)	ng/l	1.9 U	2.1	U
E537	375-95-1	T	Perfluorononanoic acid (PFNA)	ng/l	1.9 U	2.1	U
E537	754-91-6	T	Perfluorooctane Sulfonamide (FOSA)	ng/l	1.9 U	2.1	U
E537	1763-23-1	T	Perfluorooctanesulfonic acid (PFOS)	ng/l	1.9 U	2.1	U
E537	335-67-1	T	Perfluorooctanoic acid (PFOA)	ng/l	1.9 U	2.1	U
E537	2706-91-4	T	Perfluoropentanesulfonic Acid (PFPeS)	ng/l	1.9 U	2.1	U
E537	2706-90-3	T	Perfluoropentanoic Acid (PFPeA)	ng/l	1.9 U	2.1	U
E537	376-06-7	T	Perfluorotetradecanoic acid (PFTA)	ng/l	1.9 U	2.1	U
E537	72629-94-8	T	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ng/l	1.9 U	2.1	U
E537	2058-94-8	T	Perfluoroundecanoic Acid (PFUnA)	ng/l	1.9 U	2.1	U
SW8151	94-82-6	NA	2 4-(Dichlorophenoxy)butyric acid	ug/l	0.5 U	0.5	U
SW8151	94-75-7	NA	2 4-D (Dichlorophenoxyacetic Acid)	ug/l	0.5 U	0.5	U
SW8151	93-76-5	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l	0.1 U	0.1	U

			Location ID				
			Sample Date	5/6/2022		5/6/2022	
			Sample ID	WVA-SS-EB-01		WVA-SB-EB-01	
			SDG	22E0442		22E0442	
			Lab Sample ID	22E0442-01		22E0442-02	
			Matrix	WQ		WQ	
			Sample Type Code	EB		EB	
Analytical Method	cas_rn	fraction	Chemical Name	Unit			
SW8151	75-99-0	NA	Dalapon	ug/l	1.2 U	1.2	U
SW8151	1918-00-9	NA	Dicamba	ug/l	0.05 U	0.05	U
SW8151	120-36-5	NA	Dichloroprop	ug/l	0.5 U	0.5	U
SW8151	88-85-7	NA	Dinoseb	ug/l	0.25 U	0.25	U
SW8151	94-74-6	NA	MCPA	ug/l	50 U	50	U
SW8151	93-65-2	NA	Mecoprop	ug/l	50 U	50	U
SW8151	93-72-1	NA	Silvex (2,4,5-TP)	ug/l	0.05 U	0.05	U
SW8270DSIM	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/l	0.2 U	0.2	U

ATTACHMENT A-2 VALIDATED LABORATORY DATA FOR GROUNDWATER SAMPLES

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220621		WVA-MW-EB-01_20220621		WVA-MW-FB-01_20220621		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
6010C	7429-90-5	T	Aluminum	mg/l			0.05	U								
6010C	7440-36-0	T	Antimony	mg/l			0.05	U								
6010C	7440-38-2	T	Arsenic	mg/l			0.01	U								
6010C	7440-39-3	T	Barium	mg/l			0.05	U								
6010C	7440-41-7	T	Beryllium	mg/l			0.004	U								
6010C	7440-42-8	T	Boron	mg/l			0.1	U								
6010C	7440-43-9	T	Cadmium	mg/l			0.004	U								
6010C	7440-70-2	T	Calcium	mg/l			0.16	J								
6010C	7440-47-3	T	Chromium, Total	mg/l			0.01	U								
6010C	7440-48-4	T	Cobalt	mg/l			0.01	U								
6010C	7440-50-8	T	Copper	mg/l			0.01	U								
6010C	7439-89-6	T	Iron	mg/l			0.05	U								
6010C	7439-92-1	T	Lead	mg/l			0.01	U								
6010C	7439-95-4	T	Magnesium	mg/l			0.037	J								
6010C	7439-96-5	T	Manganese	mg/l			0.01	U								
6010C	7440-02-0	T	Nickel	mg/l			0.01	U								
6010C	7440-09-7	T	Potassium	mg/l			2	U								
6010C	7782-49-2	T	Selenium	mg/l			0.05	U								
6010C	7440-22-4	T	Silver	mg/l			0.01	U								
6010C	7440-23-5	T	Sodium	mg/l			2	U								
6010C	7440-28-0	T	Thallium	mg/l			0.05	U								
6010C	7440-62-2	T	Vanadium	mg/l			0.01	U								
6010C	7440-66-6	T	Zinc	mg/l			0.0046	J								
7471B	7439-97-6	T	Mercury	mg/l			0.0001	U								
8081B	15972-60-8	NA	Alachlor	ug/l			0.2	U								
8081B	309-00-2	NA	Aldrin	ug/l			0.049	U								
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l			0.049	U								
8081B	959-98-8	NA	Alpha Endosulfan	ug/l			0.049	U								
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l			0.049	U								
8081B	33213-65-9	NA	Beta Endosulfan	ug/l			0.078	U								
8081B	57-74-9	NA	Chlordane	ug/l			0.2	U								
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	ug/l			0.049	U								
8081B	60-57-1	NA	Dieldrin	ug/l			0.002	U								
8081B	1031-07-8	NA	Endosulfan Sulfate	ug/l			0.078	U								
8081B	72-20-8	NA	Endrin	ug/l			0.078	U								
8081B	7421-93-4	NA	Endrin Aldehyde	ug/l			0.078	U								
8081B	53494-70-5	NA	Endrin Ketone	ug/l			0.078	U								
8081B	58-89-9	NA	Gamma Bhc (Lindane)	ug/l			0.029	U								
8081B	76-44-8	NA	Heptachlor	ug/l			0.049	U								
8081B	1024-57-3	NA	Heptachlor Epoxide	ug/l			0.049	U								
8081B	118-74-1	NA	Hexachlorobenzene	ug/l			0.049	U								
8081B	72-43-5	NA	Methoxychlor	ug/l			0.49	U								
8081B	72-54-8	NA	P,P'-DDD	ug/l			0.039	U								
8081B	72-55-9	NA	P,P'-DDE	ug/l			0.039	U								
8081B	50-29-3	NA	P,P'-DDT	ug/l			0.039	U								
8081B	8001-35-2	NA	Toxaphene	ug/l			0.98	U								
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	ug/l			0.2	U								
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	ug/l			0.2	U								
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	ug/l			0.2	U								

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	ug/l			0.2	U								
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	ug/l			0.2	U								
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	ug/l			0.2	U								
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	ug/l			0.2	U								
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	ug/l			0.2	U								
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	ug/l			0.2	U								
8260C	630-20-6	NA	1,1,1,2-Tetrachloroethane	ug/l	1	U	1	U								
8260C	71-55-6	NA	1,1,1-Trichloroethane (TCA)	ug/l	1	U	1	U								
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U								
8260C	76-13-1	NA	1 1 2-Trichloro-1 2 2-Trifluoroethane	ug/l	1	U	1	U								
8260C	79-00-5	NA	1,1,2-Trichloroethane	ug/l	1	U	1	U								
8260C	75-34-3	NA	1,1-Dichloroethane	ug/l	1	U	1	U								
8260C	75-35-4	NA	1,1-Dichloroethene	ug/l	1	U	1	U								
8260C	563-58-6	NA	1,1-Dichloropropene	ug/l	2	U	2	U								
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	ug/l	5	UJ	5	UJ								
8260C	96-18-4	NA	1 2 3-Trichloropropane	ug/l	2	U	2	U								
8260C	120-82-1	NA	1 2 4-Trichlorobenzene	ug/l	1	U	1	U								
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	ug/l	1	U	1	U								
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	ug/l	5	U	5	U								
8260C	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.5	U	0.5	U								
8260C	95-50-1	NA	1,2-Dichlorobenzene	ug/l	1	U	1	U								
8260C	107-06-2	NA	1 2-Dichloroethane	ug/l	1	U	1	U								
8260C	78-87-5	NA	1 2-Dichloropropane	ug/l	1	U	1	U								
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	ug/l	1	U	1	U								
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	1	U	1	U								
8260C	541-73-1	NA	1,3-Dichlorobenzene	ug/l	1	U	1	U								
8260C	142-28-9	NA	1,3-Dichloropropane	ug/l	0.5	U	0.5	U								
8260C	106-46-7	NA	1,4-Dichlorobenzene	ug/l	1	U	1	U								
8260C	123-91-1	NA	1 4-Dioxane (P-Dioxane)	ug/l	50	U	50	U								
8260C	594-20-7	NA	2,2-Dichloropropane	ug/l	1	U	1	U								
8260C	95-49-8	NA	2-Chlorotoluene	ug/l	1	U	1	U								
8260C	591-78-6	NA	2-Hexanone	ug/l	10	U	10	U								
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	ug/l	0.5	U	0.5	U								
8260C	106-43-4	NA	4-Chlorotoluene	ug/l	1	U	1	U								
8260C	67-64-1	NA	Acetone	ug/l	50	U	50	U								
8260C	107-13-1	NA	Acrylonitrile	ug/l	5	U	5	U								
8260C	71-43-2	NA	Benzene	ug/l	1	U	1	U								
8260C	108-86-1	NA	Bromobenzene	ug/l	1	U	1	U								
8260C	74-97-5	NA	Bromochloromethane	ug/l	1	U	1	U								
8260C	75-27-4	NA	Bromodichloromethane	ug/l	0.5	U	0.5	U								
8260C	75-25-2	NA	Bromoform	ug/l	1	U	1	U								
8260C	74-83-9	NA	Bromomethane	ug/l	2	U	2	U								
8260C	75-15-0	NA	Carbon Disulfide	ug/l	5	U	5	U								
8260C	56-23-5	NA	Carbon Tetrachloride	ug/l	5	U	5	U								
8260C	108-90-7	NA	Chlorobenzene	ug/l	1	U	1	U								
8260C	75-00-3	NA	Chloroethane	ug/l	2	U	2	U								
8260C	67-66-3	NA	Chloroform	ug/l	2	U	2	U								
8260C	74-87-3	NA	Chloromethane	ug/l	2	UJ	2	UJ								
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	ug/l	1	U	1	U								

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220621		WVA-MW-EB-01_20220621		WVA-MW-FB-01_20220621		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
8260C	10061-01-5	NA	Cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U								
8260C	99-87-6	NA	Cymene	ug/l	1	U	1	U								
8260C	124-48-1	NA	Dibromochloromethane	ug/l	0.5	U	0.5	U								
8260C	74-95-3	NA	Dibromomethane	ug/l	1	U	1	U								
8260C	75-71-8	NA	Dichlorodifluoromethane	ug/l	2	U	2	U								
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	ug/l	2	U	2	U								
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	ug/l	0.5	U	0.5	U								
8260C	100-41-4	NA	Ethylbenzene	ug/l	1	U	1	U								
8260C	87-68-3	NA	Hexachlorobutadiene	ug/l	0.6	U	0.6	U								
8260C	108-20-3	NA	Isopropyl Ether	ug/l	0.5	U	0.5	U								
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	ug/l	1	U	1	U								
8260C	179601-23-1	NA	m,p-Xylene	ug/l	2	U	2	U								
8260C	79-20-9	NA	Methyl Acetate	ug/l	1	U	1	U								
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	ug/l	20	UJ	20	UJ								
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	10	U	10	U								
8260C	108-87-2	NA	Methylcyclohexane	ug/l	1	U	1	U								
8260C	75-09-2	NA	Methylene Chloride	ug/l	5	U	5	U								
8260C	91-20-3	NA	Naphthalene	ug/l	2	UJ	2	UJ								
8260C	104-51-8	NA	N-Butylbenzene	ug/l	1	U	1	U								
8260C	103-65-1	NA	N-Propylbenzene	ug/l	1	U	1	U								
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	ug/l	1	U	1	U								
8260C	135-98-8	NA	Sec-Butylbenzene	ug/l	1	U	1	U								
8260C	100-42-5	NA	Styrene	ug/l	1	U	1	U								
8260C	98-06-6	NA	T-Butylbenzene	ug/l	1	U	1	U								
8260C	75-65-0	NA	Tert-Butyl Alcohol	ug/l	20	UJ	20	UJ								
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	ug/l	1	U	1	U								
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	ug/l	1	U	1	U								
8260C	109-99-9	NA	Tetrahydrofuran	ug/l	10	U	10	U								
8260C	108-88-3	NA	Toluene	ug/l	1	U	1	U								
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	ug/l	1	U	1	U								
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U								
8260C	110-57-6	NA	Trans-1,4-Dichloro-2-Butene	ug/l	2	U	2	U								
8260C	79-01-6	NA	Trichloroethylene (TCE)	ug/l	1	U	1	U								
8260C	75-69-4	NA	Trichlorofluoromethane	ug/l	2	U	2	U								
8260C	75-01-4	NA	Vinyl Chloride	ug/l	2	U	2	U								
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	ug/l			10	U								
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	ug/l			5.2	U								
8270D	95-50-1	NA	1,2-Dichlorobenzene	ug/l			5.2	UJ								
8270D	122-66-7	NA	1,2-Diphenylhydrazine	ug/l			10	U								
8270D	541-73-1	NA	1,3-Dichlorobenzene	ug/l			5.2	UJ								
8270D	106-46-7	NA	1 4-Dichlorobenzene	ug/l			5.2	UJ								
8270D	90-12-0	NA	1-Methylnaphthalene	ug/l			5.2	U								
8270D	95-95-4	NA	2,4,5-Trichlorophenol	ug/l			10	U								
8270D	88-06-2	NA	2,4,6-Trichlorophenol	ug/l			10	U								
8270D	120-83-2	NA	2,4-Dichlorophenol	ug/l			10	U								
8270D	105-67-9	NA	2,4-Dimethylphenol	ug/l			10	U								
8270D	51-28-5	NA	2 4-Dinitrophenol	ug/l			10	U								
8270D	121-14-2	NA	2 4-Dinitrotoluene	ug/l			10	U								
8270D	606-20-2	NA	2,6-Dinitrotoluene	ug/l			10	U								

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
8270D	91-58-7	NA	2-Chloronaphthalene	ug/l			10	U								
8270D	95-57-8	NA	2-Chlorophenol	ug/l			10	U								
8270D	91-57-6	NA	2-Methylnaphthalene	ug/l			5.2	U								
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	ug/l			10	U								
8270D	88-74-4	NA	2-Nitroaniline	ug/l			10	U								
8270D	88-75-5	NA	2-Nitrophenol	ug/l			10	U								
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	ug/l			10	U								
8270D	91-94-1	NA	3,3'-Dichlorobenzidine	ug/l			10	U								
8270D	99-09-2	NA	3-Nitroaniline	ug/l			10	U								
8270D	534-52-1	NA	4 6-Dinitro-2-Methylphenol	ug/l			10	U								
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	ug/l			10	U								
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	ug/l			10	U								
8270D	106-47-8	NA	4-Chloroaniline	ug/l			10	U								
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	ug/l			10	U								
8270D	100-01-6	NA	4-Nitroaniline	ug/l			10	U								
8270D	100-02-7	NA	4-Nitrophenol	ug/l			10	U								
8270D	83-32-9	NA	Acenaphthene	ug/l			5.2	U								
8270D	208-96-8	NA	Acenaphthylene	ug/l			5.2	U								
8270D	98-86-2	NA	Acetophenone	ug/l			10	U								
8270D	62-53-3	NA	Aniline	ug/l			5.2	U								
8270D	120-12-7	NA	Anthracene	ug/l			5.2	U								
8270D	92-87-5	NA	Benzidine	ug/l			21	UJ								
8270D	56-55-3	NA	Benzo(A)Anthracene	ug/l			5.2	U								
8270D	50-32-8	NA	Benzo(A)Pyrene	ug/l			5.2	U								
8270D	205-99-2	NA	Benzo(B)Fluoranthene	ug/l			5.2	U								
8270D	191-24-2	NA	Benzo(G,H,I)Perylene	ug/l			5.2	U								
8270D	207-08-9	NA	Benzo(K)Fluoranthene	ug/l			5.2	U								
8270D	65-85-0	NA	Benzoic Acid	ug/l			10	U								
8270D	85-68-7	NA	Benzyl Butyl Phthalate	ug/l			10	U								
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	ug/l			10	U								
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l			10	U								
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	ug/l			10	U								
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	ug/l			10	U								
8270D	86-74-8	NA	Carbazole	ug/l			10	U								
8270D	218-01-9	NA	Chrysene	ug/l			5.2	U								
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	ug/l			5.2	U								
8270D	132-64-9	NA	Dibenzofuran	ug/l			5.2	U								
8270D	84-66-2	NA	Diethyl Phthalate	ug/l			10	U								
8270D	131-11-3	NA	Dimethyl Phthalate	ug/l			10	U								
8270D	84-74-2	NA	Di-N-Butyl Phthalate	ug/l			10	U								
8270D	117-84-0	NA	Di-N-Octylphthalate	ug/l			10	U								
8270D	206-44-0	NA	Fluoranthene	ug/l			5.2	U								
8270D	86-73-7	NA	Fluorene	ug/l			5.2	U								
8270D	118-74-1	NA	Hexachlorobenzene	ug/l			10	U								
8270D	87-68-3	NA	Hexachlorobutadiene	ug/l			10	U								
8270D	77-47-4	NA	Hexachlorocyclopentadiene	ug/l			10	UJ								
8270D	67-72-1	NA	Hexachloroethane	ug/l			10	UJ								
8270D	193-39-5	NA	Indeno(1 2 3-C D)Pyrene	ug/l			5.2	U								
8270D	78-59-1	NA	Isophorone	ug/l			10	U								

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
8270D	91-20-3	NA	Naphthalene	ug/l			5.2	U								
8270D	98-95-3	NA	Nitrobenzene	ug/l			10	U								
8270D	62-75-9	NA	N-Nitrosodimethylamine	ug/l			10	UJ								
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	ug/l			10	U								
8270D	86-30-6	NA	N-Nitrosodiphenylamine	ug/l			10	U								
8270D	82-68-8	NA	Pentachloronitrobenzene	ug/l			10	U								
8270D	87-86-5	NA	Pentachlorophenol	ug/l			10	U								
8270D	85-01-8	NA	Phenanthrene	ug/l			5.2	U								
8270D	108-95-2	NA	Phenol	ug/l			10	U								
8270D	129-00-0	NA	Pyrene	ug/l			5.2	U								
8270D	110-86-1	NA	Pyridine	ug/l			5.2	U								
E1664	OILGREASENONP	T	Sgt Hem (Oil And Grease - Nonpolar	mg/l			1.1	J								
1664	OILGREASEPOL	T	Hem Polar (Oil And Grease - Polar)	mg/l												
E537	763051-92-9	T	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	39108-34-4	T	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	757124-72-4	T	1H 1H 2H 2H-Perfluorohexane sulfonic acid	ng/l			2.1	UJ	1.8	U	1.8	U	2	U		
E537	27619-97-2	T	1H 1H 2H 2H-Perfluorooctane sulfonic acid	ng/l			0.71	J	1.8	U	0.39	J	0.48	J		
E537	919005-14-4	T	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	756426-58-1	T	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	13252-13-6	T	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	D5-NETFOSAA	T	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	D3-NMEFOSAA	T	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	151772-58-6	T	Nonafluoro-3 6-dioxaheptanoic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	113507-82-7	T	Perfluoro(2-ethoxyethane)sulfonic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	30334-69-1	T	Perfluoro-1-butanesulfonamide (FBSA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	41997-13-1	T	Perfluoro-1-hexanesulfonamide (FHxSA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	377-73-1	T	Perfluoro-3-methoxypropanoic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	863090-89-5	T	Perfluoro-4-methoxybutanoic acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	375-73-5	T	Perfluorobutanesulfonic acid (PFBS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	375-22-4	T	Perfluorobutanoic Acid	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	335-77-3	T	Perfluorodecanesulfonic acid (PFDS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	335-76-2	T	Perfluorodecanoic acid (PFDA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	307-55-1	T	Perfluorododecanoic acid (PFDoA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	375-92-8	T	Perfluoroheptanesulfonic acid (PFHpS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	375-85-9	T	Perfluoroheptanoic acid (PFHpA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	355-46-4	T	Perfluorohexanesulfonic acid (PFHxS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	307-24-4	T	Perfluorohexanoic acid (PFHxA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	68259-12-1	T	Perfluorononanesulfonic Acid (PFNS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	375-95-1	T	Perfluorononanoic acid (PFNA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	754-91-6	T	Perfluorooctane Sulfonamide (FOSA)	ng/l			2.1	UJ	1.8	U	1.8	U	2	U		
E537	1763-23-1	T	Perfluorooctanesulfonic acid (PFOS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	335-67-1	T	Perfluorooctanoic acid (PFOA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	2706-91-4	T	Perfluoropentanesulfonic Acid (PFPeS)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	2706-90-3	T	Perfluoropentanoic Acid (PFPeA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	376-06-7	T	Perfluorotetradecanoic acid (PFTA)	ng/l			2.1	UJ	1.8	U	1.8	U	2	U		
E537	72629-94-8	T	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
E537	2058-94-8	T	Perfluoroundecanoic Acid (PFUnA)	ng/l			2.1	U	1.8	U	1.8	U	2	U		
SW8151	94-82-6	NA	2 4-(Dichlorophenoxy)butyric acid	ug/l			0.5	U								
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/l			0.5	U								

			Location ID													
			Sample Date	6/22/2022		6/22/2022		6/22/2022		6/24/2022		6/24/2022				
			Sample ID	WVA-MW-TB-01_20220622		WVA-MW-EB-01_20220622		WVA-MW-FB-01_20220622		WVA-MW-EB-01_20220624		WVA-MW-FB-01_20220624				
			SDG	22F1500		22F1500		22F1500		22F1701		22F1701				
			Lab Sample ID	22F1500-03		22F1500-01		22F1500-02		22F1701-01		22F1701-02				
			Matrix	WQ		WQ		WQ		WQ		WQ				
			Sample Type Code	TB		EB		FB		EB		FB				
Analytical Method	cas_rn	fraction	Chemical Name	Unit												
SW8151	93-76-5	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l			0.1	U								
SW8151	75-99-0	NA	Dalapon	ug/l			1.2	U								
SW8151	1918-00-9	NA	Dicamba	ug/l			0.05	U								
SW8151	120-36-5	NA	Dichloroprop	ug/l			0.5	U								
SW8151	88-85-7	NA	Dinoseb	ug/l			0.25	U								
SW8151	94-74-6	NA	MCPA	ug/l			50	U								
SW8151	93-65-2	NA	Mecoprop	ug/l			50	U								
SW8151	93-72-1	NA	Silvex (2,4,5-TP)	ug/l			0.05	U								
SW8270DSIM	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/l			0.2	U								

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
6010C	7429-90-5	T	Aluminum	mg/l	0.05	U	0.05	U	0.037	J
6010C	7440-36-0	T	Antimony	mg/l	0.05	U	0.05	U	0.05	U
6010C	7440-38-2	T	Arsenic	mg/l	0.01	U	0.01	U	0.01	U
6010C	7440-39-3	T	Barium	mg/l	0.11		0.12		0.14	
6010C	7440-41-7	T	Beryllium	mg/l	0.004	U	0.004	U	0.004	U
6010C	7440-42-8	T	Boron	mg/l	0.68		0.68		0.94	
6010C	7440-43-9	T	Cadmium	mg/l	0.004	U	0.004	U	0.0011	J
6010C	7440-70-2	T	Calcium	mg/l	100		100		110	
6010C	7440-47-3	T	Chromium, Total	mg/l	0.01	U	0.01	U	0.01	U
6010C	7440-48-4	T	Cobalt	mg/l	0.01	U	0.01	U	0.01	U
6010C	7440-50-8	T	Copper	mg/l	0.01	U	0.01	U	0.01	U
6010C	7439-89-6	T	Iron	mg/l	0.05	U	0.05	U	0.21	
6010C	7439-92-1	T	Lead	mg/l	0.01	U	0.01	U	0.01	UJ
6010C	7439-95-4	T	Magnesium	mg/l	21		22		22	
6010C	7439-96-5	T	Manganese	mg/l	0.013		0.013		0.024	
6010C	7440-02-0	T	Nickel	mg/l	0.01	U	0.01	U	0.01	U
6010C	7440-09-7	T	Potassium	mg/l	7.4		7.8		9.5	
6010C	7782-49-2	T	Selenium	mg/l	0.05	U	0.05	U	0.011	J
6010C	7440-22-4	T	Silver	mg/l	0.01	U	0.01	U	0.01	U
6010C	7440-23-5	T	Sodium	mg/l	61		62		73	
6010C	7440-28-0	T	Thallium	mg/l	0.05	U	0.05	U	0.05	UJ
6010C	7440-62-2	T	Vanadium	mg/l	0.0077	J	0.0067	J	0.01	
6010C	7440-66-6	T	Zinc	mg/l	0.01	U	0.01	U	0.0064	J
7471B	7439-97-6	T	Mercury	mg/l	0.0001	U	0.0001	U	0.0001	U
8081B	15972-60-8	NA	Alachlor	ug/l	0.2	U	0.2	U	0.2	U
8081B	309-00-2	NA	Aldrin	ug/l	0.05	U	0.049	U	0.049	U
8081B	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	0.05	U	0.049	U	0.049	U
8081B	959-98-8	NA	Alpha Endosulfan	ug/l	0.05	U	0.049	U	0.049	U
8081B	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	0.05	U	0.049	U	0.049	U
8081B	33213-65-9	NA	Beta Endosulfan	ug/l	0.08	U	0.078	U	0.078	U
8081B	57-74-9	NA	Chlordane	ug/l	0.2	U	0.2	U	0.2	U
8081B	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	ug/l	0.05	U	0.049	U	0.049	U
8081B	60-57-1	NA	Dieldrin	ug/l	0.002	U	0.002	U	0.002	U
8081B	1031-07-8	NA	Endosulfan Sulfate	ug/l	0.08	U	0.078	U	0.078	U
8081B	72-20-8	NA	Endrin	ug/l	0.08	U	0.078	U	0.078	U
8081B	7421-93-4	NA	Endrin Aldehyde	ug/l	0.08	U	0.078	U	0.078	U
8081B	53494-70-5	NA	Endrin Ketone	ug/l	0.08	U	0.078	U	0.078	U
8081B	58-89-9	NA	Gamma Bhc (Lindane)	ug/l	0.03	U	0.029	U	0.029	U
8081B	76-44-8	NA	Heptachlor	ug/l	0.05	U	0.049	U	0.049	U
8081B	1024-57-3	NA	Heptachlor Epoxide	ug/l	0.05	U	0.049	U	0.049	U
8081B	118-74-1	NA	Hexachlorobenzene	ug/l	0.05	U	0.049	U	0.049	U
8081B	72-43-5	NA	Methoxychlor	ug/l	0.5	U	0.49	U	0.49	U
8081B	72-54-8	NA	P,P'-DDD	ug/l	0.04	U	0.039	U	0.039	U
8081B	72-55-9	NA	P,P'-DDE	ug/l	0.04	U	0.039	U	0.039	U
8081B	50-29-3	NA	P,P'-DDT	ug/l	0.04	U	0.039	U	0.039	U
8081B	8001-35-2	NA	Toxaphene	ug/l	1	U	0.98	U	0.98	U
8082A	12674-11-2	NA	PCB-1016 (Aroclor 1016)	ug/l	0.2	U	0.2	U	0.2	U
8082A	11104-28-2	NA	PCB-1221 (Aroclor 1221)	ug/l	0.2	U	0.2	U	0.2	U
8082A	11141-16-5	NA	PCB-1232 (Aroclor 1232)	ug/l	0.2	U	0.2	U	0.2	U

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
8082A	53469-21-9	NA	PCB-1242 (Aroclor 1242)	ug/l	0.2	U	0.2	U	0.2	U
8082A	12672-29-6	NA	PCB-1248 (Aroclor 1248)	ug/l	0.2	U	0.2	U	0.2	U
8082A	11097-69-1	NA	PCB-1254 (Aroclor 1254)	ug/l	0.2	U	0.2	U	0.2	U
8082A	11096-82-5	NA	PCB-1260 (Aroclor 1260)	ug/l	0.2	U	0.2	U	0.2	U
8082A	37324-23-5	NA	PCB-1262 (Aroclor 1262)	ug/l	0.2	U	0.2	U	0.2	U
8082A	11100-14-4	NA	PCB-1268 (Aroclor 1268)	ug/l	0.2	U	0.2	U	0.2	U
8260C	630-20-6	NA	1,1,1,2-Tetrachloroethane	ug/l	1	U	1	U	1	U
8260C	71-55-6	NA	1,1,1-Trichloroethane (TCA)	ug/l	1	U	1	U	1	U
8260C	79-34-5	NA	1,1,2,2-Tetrachloroethane	ug/l	0.5	U	0.5	U	0.5	U
8260C	76-13-1	NA	1 1 2-Trichloro-1 2 2-Trifluoroethane	ug/l	1	U	1	U	1	U
8260C	79-00-5	NA	1,1,2-Trichloroethane	ug/l	1	U	1	U	1	U
8260C	75-34-3	NA	1,1-Dichloroethane	ug/l	1	U	1	U	1	U
8260C	75-35-4	NA	1,1-Dichloroethene	ug/l	1	U	1	U	1	U
8260C	563-58-6	NA	1,1-Dichloropropene	ug/l	2	U	2	U	2	U
8260C	87-61-6	NA	1,2,3-Trichlorobenzene	ug/l	5	UJ	5	UJ	5	U
8260C	96-18-4	NA	1 2 3-Trichloropropane	ug/l	2	U	2	U	2	U
8260C	120-82-1	NA	1 2 4-Trichlorobenzene	ug/l	1	U	1	U	1	U
8260C	95-63-6	NA	1,2,4-Trimethylbenzene	ug/l	1	U	1	U	1	U
8260C	96-12-8	NA	1,2-Dibromo-3-Chloropropane	ug/l	5	U	5	U	5	U
8260C	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.5	U	0.5	U	0.5	U
8260C	95-50-1	NA	1,2-Dichlorobenzene	ug/l	1	U	1	U	1	U
8260C	107-06-2	NA	1 2-Dichloroethane	ug/l	1	U	1	U	1	U
8260C	78-87-5	NA	1 2-Dichloropropane	ug/l	1	U	1	U	1	U
8260C	108-70-3	NA	1,3,5-Trichlorobenzene	ug/l	1	U	1	U	1	U
8260C	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	ug/l	1	U	1	U	1	U
8260C	541-73-1	NA	1,3-Dichlorobenzene	ug/l	1	U	1	U	1	U
8260C	142-28-9	NA	1,3-Dichloropropane	ug/l	0.5	U	0.5	U	0.5	U
8260C	106-46-7	NA	1,4-Dichlorobenzene	ug/l	1	U	1	U	1	U
8260C	123-91-1	NA	1 4-Dioxane (P-Dioxane)	ug/l	50	U	50	U	50	UJ
8260C	594-20-7	NA	2,2-Dichloropropane	ug/l	1	U	1	U	1	U
8260C	95-49-8	NA	2-Chlorotoluene	ug/l	1	U	1	U	1	U
8260C	591-78-6	NA	2-Hexanone	ug/l	10	U	10	U	10	UJ
8260C	994-05-8	NA	2-Methoxy-2-Methylbutane	ug/l	0.5	U	0.5	U	0.5	U
8260C	106-43-4	NA	4-Chlorotoluene	ug/l	1	U	1	U	1	U
8260C	67-64-1	NA	Acetone	ug/l	50	U	50	U	50	UJ
8260C	107-13-1	NA	Acrylonitrile	ug/l	5	U	5	U	5	UJ
8260C	71-43-2	NA	Benzene	ug/l	1	U	1	U	1	U
8260C	108-86-1	NA	Bromobenzene	ug/l	1	U	1	U	1	U
8260C	74-97-5	NA	Bromochloromethane	ug/l	1	U	1	U	1	U
8260C	75-27-4	NA	Bromodichloromethane	ug/l	2.6		2.5		0.5	U
8260C	75-25-2	NA	Bromoform	ug/l	1	U	1	U	1	U
8260C	74-83-9	NA	Bromomethane	ug/l	2	U	2	U	2	U
8260C	75-15-0	NA	Carbon Disulfide	ug/l	5	U	5	U	5	U
8260C	56-23-5	NA	Carbon Tetrachloride	ug/l	5	U	5	U	5	U
8260C	108-90-7	NA	Chlorobenzene	ug/l	1	U	1	U	1	U
8260C	75-00-3	NA	Chloroethane	ug/l	2	U	2	U	2	U
8260C	67-66-3	NA	Chloroform	ug/l	4.7		4.8		2	U
8260C	74-87-3	NA	Chloromethane	ug/l	2	UJ	2	UJ	2	U
8260C	156-59-2	NA	Cis-1,2-Dichloroethylene	ug/l	1	U	1	U	1	U

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
8260C	10061-01-5	NA	Cis-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U
8260C	99-87-6	NA	Cymene	ug/l	1	U	1	U	1	U
8260C	124-48-1	NA	Dibromochloromethane	ug/l	1.2		1.2		0.5	U
8260C	74-95-3	NA	Dibromomethane	ug/l	1	U	1	U	1	U
8260C	75-71-8	NA	Dichlorodifluoromethane	ug/l	2	U	2	U	2	U
8260C	60-29-7	NA	Diethyl Ether (Ethyl Ether)	ug/l	2	U	2	U	2	U
8260C	637-92-3	NA	Ethyl Tert-Butyl Ether	ug/l	0.5	U	0.5	U	0.5	U
8260C	100-41-4	NA	Ethylbenzene	ug/l	1	U	1	U	1	U
8260C	87-68-3	NA	Hexachlorobutadiene	ug/l	0.6	U	0.6	U	0.6	U
8260C	108-20-3	NA	Isopropyl Ether	ug/l	0.5	U	0.5	U	0.5	U
8260C	98-82-8	NA	Isopropylbenzene (Cumene)	ug/l	1	U	1	U	1	U
8260C	179601-23-1	NA	m,p-Xylene	ug/l	2	U	2	U	2	U
8260C	79-20-9	NA	Methyl Acetate	ug/l	1	U	1	U	1	U
8260C	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	ug/l	20	UJ	20	UJ	20	UJ
8260C	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	10	U	10	U	10	U
8260C	108-87-2	NA	Methylcyclohexane	ug/l	1	U	1	U	1	U
8260C	75-09-2	NA	Methylene Chloride	ug/l	5	U	5	U	5	U
8260C	91-20-3	NA	Naphthalene	ug/l	2	UJ	2	UJ	2	UJ
8260C	104-51-8	NA	N-Butylbenzene	ug/l	1	U	1	U	1	U
8260C	103-65-1	NA	N-Propylbenzene	ug/l	1	U	1	U	1	U
8260C	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	ug/l	1	U	1	U	1	U
8260C	135-98-8	NA	Sec-Butylbenzene	ug/l	1	U	1	U	1	U
8260C	100-42-5	NA	Styrene	ug/l	1	U	1	U	1	U
8260C	98-06-6	NA	T-Butylbenzene	ug/l	1	U	1	U	1	U
8260C	75-65-0	NA	Tert-Butyl Alcohol	ug/l	20	UJ	20	UJ	20	UJ
8260C	1634-04-4	NA	Tert-Butyl Methyl Ether	ug/l	1	U	1	U	1	U
8260C	127-18-4	NA	Tetrachloroethylene (PCE)	ug/l	1	U	1	U	1	U
8260C	109-99-9	NA	Tetrahydrofuran	ug/l	10	U	10	U	10	U
8260C	108-88-3	NA	Toluene	ug/l	1	U	1	U	1	U
8260C	156-60-5	NA	Trans-1,2-Dichloroethene	ug/l	1	U	1	U	1	U
8260C	10061-02-6	NA	Trans-1,3-Dichloropropene	ug/l	0.5	U	0.5	U	0.5	U
8260C	110-57-6	NA	Trans-1,4-Dichloro-2-Butene	ug/l	2	U	2	U	2	U
8260C	79-01-6	NA	Trichloroethylene (TCE)	ug/l	0.35	J	0.42	J	3.2	
8260C	75-69-4	NA	Trichlorofluoromethane	ug/l	2	U	2	U	2	U
8260C	75-01-4	NA	Vinyl Chloride	ug/l	2	U	2	U	2	U
8270D	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	ug/l	10	U	10	U	9.8	U
8270D	120-82-1	NA	1,2,4-Trichlorobenzene	ug/l	5	U	5	U	4.9	UJ
8270D	95-50-1	NA	1,2-Dichlorobenzene	ug/l	5	UJ	5	UJ	4.9	UJ
8270D	122-66-7	NA	1,2-Diphenylhydrazine	ug/l	10	U	10	U	9.8	U
8270D	541-73-1	NA	1,3-Dichlorobenzene	ug/l	5	UJ	5	UJ	4.9	UJ
8270D	106-46-7	NA	1 4-Dichlorobenzene	ug/l	5	UJ	5	UJ	4.9	UJ
8270D	90-12-0	NA	1-Methylnaphthalene	ug/l	5	U	5	U	4.9	U
8270D	95-95-4	NA	2,4,5-Trichlorophenol	ug/l	10	U	10	U	9.8	U
8270D	88-06-2	NA	2,4,6-Trichlorophenol	ug/l	10	U	10	U	9.8	U
8270D	120-83-2	NA	2,4-Dichlorophenol	ug/l	10	U	10	U	9.8	U
8270D	105-67-9	NA	2,4-Dimethylphenol	ug/l	10	U	10	U	9.8	U
8270D	51-28-5	NA	2 4-Dinitrophenol	ug/l	10	U	10	U	9.8	U
8270D	121-14-2	NA	2 4-Dinitrotoluene	ug/l	10	U	10	U	9.8	U
8270D	606-20-2	NA	2,6-Dinitrotoluene	ug/l	10	U	10	U	9.8	U

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
8270D	91-58-7	NA	2-Chloronaphthalene	ug/l	10	U	10	U	9.8	U
8270D	95-57-8	NA	2-Chlorophenol	ug/l	10	U	10	U	9.8	U
8270D	91-57-6	NA	2-Methylnaphthalene	ug/l	5	U	5	U	4.9	U
8270D	95-48-7	NA	2-Methylphenol (O-Cresol)	ug/l	10	U	10	U	9.8	U
8270D	88-74-4	NA	2-Nitroaniline	ug/l	10	U	10	U	9.8	U
8270D	88-75-5	NA	2-Nitrophenol	ug/l	10	U	10	U	9.8	U
8270D	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	ug/l	10	U	10	U	9.8	U
8270D	91-94-1	NA	3,3'-Dichlorobenzidine	ug/l	10	U	10	U	9.8	U
8270D	99-09-2	NA	3-Nitroaniline	ug/l	10	U	10	U	9.8	U
8270D	534-52-1	NA	4 6-Dinitro-2-Methylphenol	ug/l	10	U	10	U	9.8	U
8270D	101-55-3	NA	4-Bromophenyl Phenyl Ether	ug/l	10	U	10	U	9.8	U
8270D	59-50-7	NA	4-Chloro-3-Methylphenol	ug/l	10	U	10	U	9.8	U
8270D	106-47-8	NA	4-Chloroaniline	ug/l	10	U	10	U	9.8	U
8270D	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	ug/l	10	U	10	U	9.8	U
8270D	100-01-6	NA	4-Nitroaniline	ug/l	10	U	10	U	9.8	U
8270D	100-02-7	NA	4-Nitrophenol	ug/l	10	U	10	U	9.8	U
8270D	83-32-9	NA	Acenaphthene	ug/l	5	U	5	U	4.9	U
8270D	208-96-8	NA	Acenaphthylene	ug/l	5	U	5	U	4.9	U
8270D	98-86-2	NA	Acetophenone	ug/l	10	U	10	U	9.8	U
8270D	62-53-3	NA	Aniline	ug/l	5	U	5	U	4.9	U
8270D	120-12-7	NA	Anthracene	ug/l	5	U	5	U	4.9	U
8270D	92-87-5	NA	Benzidine	ug/l	20	UJ	20	UJ	20	UJ
8270D	56-55-3	NA	Benzo(A)Anthracene	ug/l	5	U	5	U	4.9	U
8270D	50-32-8	NA	Benzo(A)Pyrene	ug/l	5	U	5	U	4.9	U
8270D	205-99-2	NA	Benzo(B)Fluoranthene	ug/l	5	U	5	U	4.9	U
8270D	191-24-2	NA	Benzo(G,H,I)Perylene	ug/l	5	U	5	U	4.9	U
8270D	207-08-9	NA	Benzo(K)Fluoranthene	ug/l	5	U	5	U	4.9	U
8270D	65-85-0	NA	Benzoic Acid	ug/l	10	U	10	U	9.8	UJ
8270D	85-68-7	NA	Benzyl Butyl Phthalate	ug/l	10	U	10	U	9.8	U
8270D	111-91-1	NA	Bis(2-Chloroethoxy) Methane	ug/l	10	U	10	U	9.8	U
8270D	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l	10	U	10	U	9.8	U
8270D	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	ug/l	10	U	10	U	9.8	U
8270D	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	ug/l	10	U	10	U	9.8	U
8270D	86-74-8	NA	Carbazole	ug/l	10	U	10	U	9.8	U
8270D	218-01-9	NA	Chrysene	ug/l	5	U	5	U	4.9	U
8270D	53-70-3	NA	Dibenz(A,H)Anthracene	ug/l	5	U	5	U	4.9	U
8270D	132-64-9	NA	Dibenzofuran	ug/l	5	U	5	U	4.9	U
8270D	84-66-2	NA	Diethyl Phthalate	ug/l	10	U	10	U	9.8	U
8270D	131-11-3	NA	Dimethyl Phthalate	ug/l	10	U	10	U	9.8	U
8270D	84-74-2	NA	Di-N-Butyl Phthalate	ug/l	10	U	10	U	9.8	U
8270D	117-84-0	NA	Di-N-Octylphthalate	ug/l	10	U	10	U	9.8	U
8270D	206-44-0	NA	Fluoranthene	ug/l	5	U	5	U	4.9	U
8270D	86-73-7	NA	Fluorene	ug/l	5	U	5	U	4.9	U
8270D	118-74-1	NA	Hexachlorobenzene	ug/l	10	U	10	U	9.8	U
8270D	87-68-3	NA	Hexachlorobutadiene	ug/l	10	U	10	U	9.8	UJ
8270D	77-47-4	NA	Hexachlorocyclopentadiene	ug/l	10	UJ	10	UJ	9.8	UJ
8270D	67-72-1	NA	Hexachloroethane	ug/l	10	UJ	10	UJ	9.8	UJ
8270D	193-39-5	NA	Indeno(1 2 3-C D)Pyrene	ug/l	5	U	5	U	4.9	U
8270D	78-59-1	NA	Isophorone	ug/l	10	U	10	U	9.8	U

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
8270D	91-20-3	NA	Naphthalene	ug/l	5	U	5	U	4.9	U
8270D	98-95-3	NA	Nitrobenzene	ug/l	10	U	10	U	9.8	U
8270D	62-75-9	NA	N-Nitrosodimethylamine	ug/l	10	UJ	10	UJ	9.8	UJ
8270D	621-64-7	NA	N-Nitrosodi-N-Propylamine	ug/l	10	U	10	U	9.8	U
8270D	86-30-6	NA	N-Nitrosodiphenylamine	ug/l	10	U	10	U	9.8	U
8270D	82-68-8	NA	Pentachloronitrobenzene	ug/l	10	U	10	U	9.8	U
8270D	87-86-5	NA	Pentachlorophenol	ug/l	10	U	10	U	9.8	U
8270D	85-01-8	NA	Phenanthrene	ug/l	5	U	5	U	4.9	U
8270D	108-95-2	NA	Phenol	ug/l	10	U	10	U	9.8	U
8270D	129-00-0	NA	Pyrene	ug/l	5	U	5	U	4.9	U
8270D	110-86-1	NA	Pyridine	ug/l	5	U	5	U	4.9	UJ
E1664	OILGREASENONP	T	Sgt Hem (Oil And Grease - Nonpolar	mg/l					0.6	J
1664	OILGREASEPOL	T	Hem Polar (Oil And Grease - Polar)	mg/l	1.4	U	1.4	U		
E537	763051-92-9	T	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	ng/l	1.9	U	1.9	U	1.9	U
E537	39108-34-4	T	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	ng/l	1.9	UJ	1.9	UJ	1.9	U
E537	757124-72-4	T	1H 1H 2H 2H-Perfluorohexane sulfonic acid	ng/l	1.9	UJ	1.9	UJ	1.9	UJ
E537	27619-97-2	T	1H 1H 2H 2H-Perfluorooctane sulfonic acid	ng/l	1.9	UJ	1.9	UJ	3.6	J-
E537	919005-14-4	T	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ng/l	1.9	U	1.9	U	1.9	U
E537	756426-58-1	T	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ng/l	1.9	U	1.9	U	1.9	U
E537	13252-13-6	T	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ng/l	1.9	U	1.9	U	1.9	U
E537	D5-NETFOSAA	T	N-deuterioethylperfluoro-1-octanesulfonamidoacetic acid	ng/l	1.9	U	1.9	UJ	1.9	U
E537	D3-NMEFOSAA	T	N-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid	ng/l	1.9	U	1.9	UJ	1.9	U
E537	151772-58-6	T	Nonafluoro-3 6-dioxaheptanoic acid	ng/l	1.9	U	1.9	U	1.9	U
E537	113507-82-7	T	Perfluoro(2-ethoxyethane)sulfonic acid	ng/l	1.9	U	1.9	U	1.9	U
E537	30334-69-1	T	Perfluoro-1-butanesulfonamide (FBSA)	ng/l	0.28	J	0.25	J	0.51	J
E537	41997-13-1	T	Perfluoro-1-hexanesulfonamide (FHxSA)	ng/l	1.9	U	1.9	U	1.9	U
E537	377-73-1	T	Perfluoro-3-methoxypropanoic acid	ng/l	1.9	U	1.9	U	1.9	U
E537	863090-89-5	T	Perfluoro-4-methoxybutanoic acid	ng/l	1.9	U	1.9	U	1.9	U
E537	375-73-5	T	Perfluorobutanesulfonic acid (PFBS)	ng/l	2.6		2.6		3.4	
E537	375-22-4	T	Perfluorobutanoic Acid	ng/l	6.6		6.3		3.6	
E537	335-77-3	T	Perfluorodecanesulfonic acid (PFDS)	ng/l	1.9	U	1.9	U	1.9	U
E537	335-76-2	T	Perfluorodecanoic acid (PFDA)	ng/l	1.9	U	1.9	U	1.9	U
E537	307-55-1	T	Perfluorododecanoic acid (PFDoA)	ng/l	1.9	UJ	1.9	UJ	1.9	U
E537	375-92-8	T	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	1.9	U	1.9	U	1.9	U
E537	375-85-9	T	Perfluoroheptanoic acid (PFHpA)	ng/l	2.8		2.8		2	
E537	355-46-4	T	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1	J	0.99	J	7.3	
E537	307-24-4	T	Perfluorohexanoic acid (PFHxA)	ng/l	21		20		3.9	
E537	68259-12-1	T	Perfluorononanesulfonic Acid (PFNS)	ng/l	1.9	U	1.9	U	1.9	U
E537	375-95-1	T	Perfluorononanoic acid (PFNA)	ng/l	1.9	U	1.9	U	1.9	U
E537	754-91-6	T	Perfluorooctane Sulfonamide (FOSA)	ng/l	1.9	U	1.9	UJ	1.9	U
E537	1763-23-1	T	Perfluorooctanesulfonic acid (PFOS)	ng/l	3.2		3		9	
E537	335-67-1	T	Perfluorooctanoic acid (PFOA)	ng/l	5		4.9		6.7	
E537	2706-91-4	T	Perfluoropentanesulfonic Acid (PFPeS)	ng/l	1.9	U	1.9	U	0.43	J
E537	2706-90-3	T	Perfluoropentanoic Acid (PFPeA)	ng/l	27		26		5.4	
E537	376-06-7	T	Perfluorotetradecanoic acid (PFTA)	ng/l	1.9	UJ	1.9	UJ	1.9	U
E537	72629-94-8	T	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	ng/l	1.9	U	1.9	U	1.9	U
E537	2058-94-8	T	Perfluoroundecanoic Acid (PFUnA)	ng/l	1.9	U	1.9	UJ	1.9	U
SW8151	94-82-6	NA	2 4-(Dichlorophenoxy)butyric acid	ug/l	0.5	U	0.5	U	0.48	U
SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	ug/l	0.5	U	0.5	U	0.48	U

			Location ID	WVA-MW-01		WVA-MW-01		WVA-MW-02	
			Sample Date	6/22/2022		6/22/2022		6/24/2022	
			Sample ID	WVA-MW-01-20220622		WVA-MW-01-20220622D		WVA-MW-02_20220624	
			SDG	22F1500		22F1500		22F1701	
			Lab Sample ID	22F1500-04		22F1500-05		22F1701-04	
			Matrix	WG		WG		WG	
			Sample Type Code	N		FD		N	
Analytical Method	cas_rn	fraction	Chemical Name	Unit					
SW8151	93-76-5	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	ug/l	0.1	U	0.1	U	0.096	U
SW8151	75-99-0	NA	Dalapon	ug/l	1.2	U	1.2	U	1.2	U
SW8151	1918-00-9	NA	Dicamba	ug/l	0.05	U	0.05	U	0.048	U
SW8151	120-36-5	NA	Dichloroprop	ug/l	0.5	U	0.5	U	0.48	U
SW8151	88-85-7	NA	Dinoseb	ug/l	0.25	U	0.25	U	0.24	U
SW8151	94-74-6	NA	MCPA	ug/l	50	U	50	U	48	U
SW8151	93-65-2	NA	Mecoprop	ug/l	50	U	50	U	48	U
SW8151	93-72-1	NA	Silvex (2,4,5-TP)	ug/l	0.05	U	0.05	U	0.048	U
SW8270DSIM	123-91-1	NA	1,4-Dioxane (P-Dioxane)	ug/l	0.093	J	0.19	U	0.2	U