
SITE CHARACTERIZATION REPORT

CENTERWAY PEDESTRIAN BRIDGE APPROACH SITE CORNING, STEUBEN COUNTY, NEW YORK

SITE NUMBER 851047

Prepared For:



**Department of
Environmental
Conservation**

New York State Department of Environmental Conservation
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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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LIST OF ACRONYMS

<u>Acronym</u>	<u>Definition</u>
bgs	below ground surface
CAMP	Community Air Monitoring Plan
DOT	Department of Transportation
DPT	Direct-push technology
ELAP	Environmental Laboratory Accreditation Program
FAP	Field Activities Plan
IDW	investigation-derived waste
MCL	Maximum contaminant level
NAD 83	North American Datum of 1983
NAVD 88	North American Vertical Datum of 1988
NYCRR	New York Codes, Rules, and Regulations
NYLD	New York Leak Detection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCBs	polychlorinated biphenyls
PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PID	photoionization detector
PSHEP	Project Safety, Health, and Environmental Plan
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
SCOs	Soil Cleanup Objectives (6 NYCRR Part 375)
SGVs	Standards and Guidance Values (TOGS 1.1.1)
SVOCs	semivolatile organic compounds
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
USCS	Unified Soil Classification System
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 Centerway Pedestrian Bridge Approach site (Site Number 851047) in Corning, New York completed by Parsons in October 2022. Site characterization efforts were completed to address potential impacts to the site as a result of the presence of historically imported fill material consisting of ash, brick, and glass (target fill material), which was suspected to be present at the property.

Excavation work was performed by Corning Incorporated's contractor to install a water main adjacent to the Corning Family YMCA. During excavation, soils containing ash, brick, and glass, consistent with target fill at other Corning sites, were encountered. **Appendix A** includes examples of target fill material. As part of the investigation effort, the site historical information was reviewed such as aerial photographs, online articles, and reports associated with surrounding properties. It was found that much of the surrounding area is a former low area along the river that was filled from the 1930s (or earlier) to the 1960s. The historic property deed records contained a condition that allowed Corning Glass Works to maintain ash dumps on neighboring properties. Aerial photographs are included in **Appendix B**. Based on the information provided, the New York State Department of Environmental Conservation (NYSDEC) made the determination to classify the Centerway Pedestrian Bridge Approach site a "P Site."

The purpose of this site characterization was to determine:

- the physical extent of the suspected target fill material at the property
- whether contamination is present in surface and subsurface soils
- if groundwater quality is being impacted

SECTION 2 PROJECT BACKGROUND

New York State Department of Environmental Conservation (NYSDEC) along with the New York State Department of Health (NYSDOH) have been overseeing the investigation and implementation of remedial activities associated with past disposal of waste materials from pre-cursor companies of Corning Incorporated. The Centerway Pedestrian Bridge Approach was identified as an area of waste disposal during the bridge rehabilitation in 2013.

2.1 Site Location

The Centerway Pedestrian Bridge Approach site is located in the northeastern portion of the City of Corning. It is bounded by the Chemung River to the south, Centerway Blvd to the east, and Corning Family YMCA property to the north and west. The Centerway Pedestrian Bridge Approach includes a public right-of-way leading to the Centerway Pedestrian Bridge. The NYSDEC site number is #851047 and a site location map is shown on **Figure 1**

The site is zoned and used for improved public right-of-way for pedestrian use. The property is maintained by the City of Corning.

Multiple utilities, including underground sewer, water, phone, electric, and gas lines, are present at the site.

2.2 Site History

During the revitalization of the Centerway Bridge as a park and pedestrian crossing, excavation was conducted in September 2013 and hazardous materials were identified. Approximately 15 tons of material was excavated and described as soil containing ash, glass, refractory, and brick (Haley & Aldrich 2014). This material appeared to be consistent with subject material found within the Study Area. Some of the material was placed in a roll-off container and some was placed in a temporary stockpile pending delivery of a second roll-off container. Soil from the roll-off container were tested and determined to be hazardous for lead (Haley & Aldrich 2014).

2.3 Physical Setting

The area is underlain by alluvial silts and fine sands. Site soils are likely derived from post-glacial flood-plain deposits that are expected to exhibit relatively low permeability. Groundwater likely exists within overburden sands. An assessment of local topography and proximity of the site to the Chemung River indicates groundwater will be within the top 25 feet below ground surface (bgs) and presumably flows southerly toward the Chemung River.

Overburden soils in the vicinity of the site are likely underlain by Upper Devonian shale or siltstone. Bedrock depth at the site is unconfirmed but based on published information top of bedrock is likely greater than 80 feet bgs.

SECTION 3 SITE CHARACTERIZATION SCOPE

Wastes associated with pre-cursor companies of Corning Incorporated are suspected to have been disposed of at the Centerway Pedestrian Bridge Approach site during bridge rehabilitation activities in 2013. Impacts to the site due to waste disposal, specifically placement of historically imported fill material consisting of ash, brick, and glass (target fill material), were evaluated during site characterization efforts. The scope of work for the Centerway Pedestrian Bridge Approach site characterization consisted of the following activities:

1. Geophysical investigation to locate subsurface utilities.
2. Surface and subsurface soil investigation through installation of soil borings
3. Construction of monitoring wells and collection of groundwater samples
4. Collection of archive target fill samples
5. Topographic survey of sample locations

Field activities were conducted in accordance with the Site Characterization Work Plan (Parsons 2021). 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, 2020b)
- Generic Quality Assurance Project Plan (QAPP; Parsons, 2020c)
- DER-10 (NYSDEC, 2010)

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

3.1 Analytical Services

Analytical services were directly contracted by NYSDEC for soil, groundwater, and waste samples and 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 work plan for the compounds listed in **Table 1A** and **Table 1B** for the following activities:

- Soil Investigation
- Groundwater Investigation
- Investigation-Derived Waste

3.2 Geophysical Survey

Geophysical surveys were performed at the site on April 21, 2021, by New York Leak Detection (NYLD) and on October 3 and October 4, 2022, by Ravi Engineering & Land Surveying to locate subsurface utility lines before subsurface borings were begun. A variety of techniques were used to identify subsurface utilities and utilities were marked-out on the ground. Locations were adjusted due to underground and overhead utilities, proximity to the flood control levee, and property boundaries.

3.3 Soil Investigation

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

- the physical extent of the suspected target fill material at the property
- whether contamination is present in subsurface soils

This purpose was achieved through the installation of subsurface soil borings and collection of soil samples.

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

Fill material at the site ranged from not present to 1 foot thick in soil boring CPB-SB/MW-03, CBP-SB-04/MW-02, and 9 feet thick at CCPB-SB-05. Distribution of target fill material at the site is shown on **Figure 3**.

Alluvial soils – consisting of a mixture of silt, fine sand was encountered in all soil borings ranging in thickness of approximately 10 feet to 15 feet thick.

Gravel- soils – consisting of medium gravel with sands/silts – were observed in all soil borings. Gravel- 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 VOC or particulate exceedances were detected during investigation field activities.

3.3.1 Subsurface Soil

The Site Characterization Work Plan, prepared in November 2021, had proposed completion of five soil boring locations. Parsons began hand clearing activity at the soil boring locations in April 2022, but paused field work due to drill rig access issues. On October 3 and 4, 2022, Parsons completed a walkthrough with Ravi to confirm that the boring locations were clear of utilities.

Four soil borings (denoted CPB-SB-01, CPB-SB-03, CBP-SB-04, and CPB-SB-05 as shown on **Figure 2**) were completed at the site on October 4 through October 12, 2022. The CPB-SB-02 boring location was not sampled due to concerns of its proximity to the Corning Family YMCA property. Relocation of CPB-SB-02 was not feasible due to flood control levee, underground as well as overhead utilities, and close proximity to other proposed locations. No analytical samples were collected from CPB-SB-02.

Three of the four soil borings (denoted CPB-MW-01, CPB-MW-02, and CPB-MW-03) were converted into monitoring wells, following the procedures described in **Section 3.4 Groundwater Investigation**.

3.3.1.1 Sampling

Soil borings were advanced using 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, followed by a final rinse with deionized water. Soil borings were advanced to depths ranging between 30 feet to 38 feet below ground surface (bgs).

Soils were visually examined for physical characteristics and described using the Unified Soil Classification System (USCS). The samples were screened with a photoionization detector (PID) and any olfactory characteristics were noted. Lithology and field observations were recorded on soil boring logs, which are included in **Appendix B**.

A minimum of six samples were obtained from each soil boring location as shown in **Table 1A**. A sample was collected from the following four intervals at all locations:

- 0.0 to 0.5-foot
- 0.5 to 1.0-foot
- 1.0 to 2.0-foot
- bottom interval

Additional samples were collected based on field observations such as presence of suspect fill material, presence of the water table, elevated PID readings, staining, and odors.

Each sample collected was submitted for Toxicity Characteristic Leaching Procedure (TCLP) metals, total metals, and semivolatile organic compound (SVOC) analyses. For the remainder of the analyses listed in **Table 1A**, soil was homogenized and submitted from 20 percent of the sample intervals. For VOCs analysis, a discrete grab sample was collected using TerraCore samplers prior to homogenization.

Quality Assurance/Quality Control (QA/QC) samples were collected during sampling for parameters listed on **Table 1A** at a rate of one QA/QC sample per 20 regular samples collected. One chain of custody incorrectly recorded that an equipment blank was to be submitted for a full suite of analyses but this was subsequently amended to reflect the correct analysis intended.

3.3.1.2 Target Fill Material Observed

Target fill material consisting of ash, brick, and/or glass was observed at multiple soil boring locations during the soil investigation. Boring location CPB-SB-05 was observed to contain fill material consisting of ash, brick, and glass to depths of approximately 15 feet bgs. Target fill material consisting of glass cullet and glass shards were observed at boring locations CPB-SB-03 and CPB-SB-04 to depths of approximately 5 feet bgs. There were no observations of target fill material exposed at the surface that pedestrians could encounter during regular use of the area. There was no compromised vegetative cover observed that could expose subsurface target fill material.

3.3.4 Archive Sampling

The purpose of archive sampling is to collect and identify specific waste items associated with historic manufacturing waste (largely associated with glass manufacturing). Waste glass was encountered at the Centerway Pedestrian Bridge Approach site at numerous sample locations. Representative waste glass samples were collected and archived from locations, CPB-SB-02, CPB-SB-03/CPB-MW-03, CPB-SB-04/CPB-MW-02, and CPB-SB-05. In addition, red brick was also collected from CPB-SB-05 and archived.

In general, archive samples collected from fill material at the Centerway Pedestrian Bridge Approach site consisted primarily of cullet. The archive sample logs are found in **Appendix D**.

3.4 Groundwater Investigation

A groundwater investigation was completed to:

- characterize groundwater at the site.
- determine if there are any impacts to groundwater quality due to the presence of target fill material at the site.

The sampling summary and field observations for the groundwater investigation can be found in **Table 1B**.

The Site Characterization Work Plan, prepared in November 2021, had proposed installation of three monitoring wells to assess groundwater quality. On October 3 and 4, 2022, Parsons completed a walkthrough with Ravi to determine that the boring locations were clear of utilities.

The proposed CPB-SB-02/CPB-MW-02 boring location was not installed or sampled due to concerns of its location with respect to the Corning Family YMCA property. Relocation of CPB-SB-02 was not feasible due to flood control levee, underground as well as overhead utilities, and close proximity to other proposed locations. Soil boring locations CPB-SB-01, CPB-SB-03, and CPB-SB-04 were converted to monitoring wells CPB-MW-01, CPB-MW-02, and CPB-MW-03, respectively.

3.4.1 Monitoring Well Installation and Development

Monitoring wells were drilled using direct-push technology (DPT) to depths of 34.5, 36, and 38 feet bgs for wells CPB-MW-03, CPB-MW-02, and CPB-MW-01, respectively. Initially the drilling was to be completed by hollow-stem auger (HSA). Due to overhead clearance concerns, a smaller drill rig was used that had DPT capabilities rather than HSA. The changes in drilling equipment and methodology was discussed and approved by NYSDEC during a conference call held on October 15, 2021.

The wells were constructed using 2-inch polyvinyl chloride (PVC) casing with a 15-foot-long 10-slot screen set at a screened interval of 23 to 38 feet bgs at CPB-MW-01. The screened intervals of CPB-MW-02 and CPB-MW-03 was recorded at 21 to 36 feet bgs and 19.5 to 34.5 feet bgs, respectively. The annulus around the outside of the screen was backfilled with sand to at least 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, the wells were developed to remove material that may have settled in and around the well screen. Development was conducted until any of the three following criteria were met:

- Water quality parameters had stabilized for at least three consecutive measurement readings.
- Water turbidity had dropped below 50 nephelometric units.
- Ten well volumes were removed.

Development water was containerized using drums and was characterized for disposal. Well development logs are included in **Appendix E**.

3.4.2 Sampling

Following well installation and development, groundwater sampling was conducted on December 6, 2022, using low-flow sampling techniques. Emergent contaminant-specific equipment, materials, and procedures were utilized in accordance with the FAP (Parsons 2020a) and QAPP (Parsons 2020c). 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 [ORP], and turbidity) stabilized within the thresholds prescribed in the FSP 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 E**.

QA/QC samples were collected as part of this 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.

3.5 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 and monitoring wells. Horizontal survey data are based on the North American Datum (NAD) 83 New York State Plane West coordinate system (in feet). Elevations are based on the North American Vertical Datum (NAVD) 88. Site survey information from the 2022 field activities is included in **Appendix F**.

3.6 Investigation Derived Waste

Investigation-derived waste (IDW), including excess soils, decontamination rinsates, personal protective equipment, and disposable sampling equipment were placed in 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 **Table 1A and 1B**.

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

3.7 Data Validation and Reporting

Soil and groundwater samples were collected from the Centerway Pedestrian Bridge site on October 4 through December 6, 2022. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Site Characterization Work Plan (Parsons 2021)
- Generic QAPP (Parsons 2020c)
- USEPA analytical methodologies, including draft Method 1633 (USEPA 2021)
- *National Functional Guidelines for Organic Superfund Methods Data Review*, USEPA 540-R-20-005 (November 2020)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review*, USEPA 542-R-20-006 (November 2020)
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review
- *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (NYSDEC 2022)

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

SECTION 4 ANALYTICAL RESULTS

4.1 Subsurface Soil

Analytical results were compared against regulatory cleanup objectives and guidance values, based on potential exposure to passive recreational users of the site, as follows:

- Title 6 New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Soil Cleanup Objectives (SCOs) for unrestricted use (NYSDEC 2006)
- 6 NYCRR Part 375 SCOs for commercial use
- NYSDEC per- and polyfluoroalkyl substances (PFAS) Guidance (NYSDEC, 2022) for unrestricted use
- NYSDEC PFAS Guidance (NYSDEC, 2022) for commercial use
- Applicable Resource Conservation and Recovery Act (RCRA) regulatory limits for TCLP metals

A summary of detected parameters is presented in **Table 2**. A summary of the parameters that exceeded the applicable SCOs and guidance values are presented in **Table 3** and are included on **Figure 3**.

Four metals – arsenic, barium, cadmium, and lead – were detected at levels exceeding the commercial SCOs. Three metals – copper, mercury, and zinc – were detected in concentrations exceeding the unrestricted SCOs. TCLP metals were also detected in the soil samples, but the concentrations did not exceed the RCRA regulatory limits.

One SVOC – benzo(a)pyrene – was detected at levels exceeding the commercial SCOs. Five SVOCs – benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-c,d)pyrene – were detected at concentrations exceeding their unrestricted SCOs.

One pesticide – p,p'-DDT – was detected at levels exceeding the unrestricted SCOs, but below the commercial SCOs.

VOCs, 1,4-dioxane, and cyanide were detected at levels below the applicable SCOs. Polychlorinated biphenyls (PCBs) and herbicides were reported as no detections.

Perfluorooctane sulfonic acid (PFOS) were detected but at concentrations below the applicable guidance values. Perfluorooctanoic acid (PFOA) was not detected. Three other PFAS compounds were detected, but there are no guidance values listed for those compounds in the current NYSDEC PFAS Guidance for commercial or unrestricted use (NYSDEC 2022).

4.2 Groundwater

Analytical results were compared against applicable regulatory groundwater quality standards and maximum contaminant levels, as follows:

- Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA Groundwater Ambient Water Quality Standards and Guidance Values (SGVs; NYSDEC 1998)
- Draft Addendum to June 1998 TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values for PFOS, PFOA, and 1,4-Dioxane (NYSDEC 2021)
- NYCRR Title 10 Department of Health, Subpart 5-1 Public Water Systems maximum contaminant levels (MCL, NYSDOH 2022)

A summary of detected parameters is presented in **Table 4**. A summary of the parameters that exceeded the applicable SGVs and MCLs is presented in **Table 5** and are included on **Figure 4**.

One metal – sodium – was detected at levels exceeding the SGVs. Other metals were detected, but at concentrations below the applicable SGVs.

One VOC – methylene chloride - was detected but at concentrations below the applicable guidance value of 5 ug/L.

1,4-dioxane was detected in one sample but at a concentration below the applicable guidance values.

Pesticides, PCBs, and herbicides were not detected.

PFOA and PFOS were detected but at levels below the applicable guidance values. Eight other PFAS compounds were detected however, there are no groundwater guidance values listed in the current NYSDEC Guidance.

SECTION 5 CONCLUSIONS

Based on the results of the Site Characterization activities documented in this report, conclusions for the investigation efforts at Centerway Pedestrian Bridge Approach site are as follows:

1. Target fill material consisting of ash, brick, and/or glass is present in the soils observed at all sample locations at the site with the exception of CBP-MW-01. Sample location CBP-SB-05 contained the most observable target fill material with ash, brick, and/or glass noted as deep as to 10 feet bgs.
2. The primary subsurface soil boring contaminants detected above the guidance values are metals. Soil boring data indicates soil contamination exists throughout the site.
3. Exceedances in SVOCs were also detected in subsurface soils but were primarily located at the southern portion of the site.
4. Sodium was found to exceed the SGVs at all groundwater sampling locations, with the highest concentrations found at the downgradient well. Elevated sodium levels were also detected at CPB-MW-01, the upgradient well location.
5. Limited sample TCLP analysis indicates that site soils and groundwater are not considered hazardous. Across the corning area, a percentage of target fill material has been found to be hazardous waste. Additional sampling may be warranted.
6. 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 subsurface soils, and groundwater as well as the extent of target fill material observed in site soils.

SECTION 6 REFERENCES

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TABLES

Table 1A
Centerway Pedestrian Bridge Approach
Site Characterization Report
Sampling Summary and Field Observations - Soil/Solids

Location or Sample ID	Total Depth (ft)	Field Observations/ Comments	Analytical Sample Depth (ft)	Matrix	Analytical Sample Type	Sampling Date	Metals	TCLP Metals	CN	SVOCs/LdD	VOCs	Post/PCB/Herb	TPH	PFAS	Solid Waste RCRA Parameters
SOIL BORINGS															
CPB-SB-01 / CPB-MW-01	38		0.0 - 0.5	Soil	Normal	10/05/2022	x	x		x					
			0.5-1.0	Soil	Normal	10/05/2022	x	x		x					
			1.0-2.0	Soil	Normal	10/05/2022	x	x	x	x	x	x	x	x	
			9.0-10.0	Soil	Normal	10/05/2022	x	x	x	x	x	x	x	x	
			16.0-17.0	Soil	Normal	10/05/2022	x	x		x					
CPB-SB-02	-	This location was only hand cleared to 5.0 ft bgs. ABG material found. Removed location due to proximity to Corning Inc. property boundary; relocated MW to SB-04	24.0-25.0	Soil	Normal	10/05/2022	x	x		x					
			-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-
CPB-SB-03 / CPB-MW-03	36	4.0 - 5.0': Target fill of glass fragments observed	0.0 - 0.5	Soil	Normal	10/06/2022	x	x		x					
			0.5-1.0	Soil	Normal	10/06/2022	x	x		x					
			1.0-2.0	Soil	Normal/MS/MSD	10/06/2022	x	x	x	x	x	x	x	x	
			4.0-5.0	Soil	Normal	10/06/2022	x	x		x					
			5.0-6.0	Soil	Normal	10/06/2022	x	x		x					
CPB-SB-04/ CPB-MW-02	34.5	4.5 - 4.75': Black staining observed 4.75 - 5.0': Target fill of glass observed	8.0-9.0	Soil	Normal	10/06/2022	x	x	x	x	x	x	x	x	
			8.0-9.0	Soil	Field Duplicate	10/06/2022	x	x	x	x	x	x	x	x	
			22.0-23.0	Soil	Normal	10/06/2022	x	x		x					
			27.0-28.0	Soil	Normal	10/06/2022	x	x		x					
			0.0 - 0.5	Soil	Normal	10/04/2022	x	x		x					
			0.5-1.0	Soil	Normal	10/04/2022	x	x		x					
			0.5-1.0	Soil	Normal	10/04/2022	x	x		x					
			0.5-1.0	Soil	Field Duplicate	10/04/2022	x	x		x					
			1.0-2.0	Soil	Normal/MS/MSD	10/04/2022	x	x	x	x	x	x	x	x	
			4.5-5.0	Soil	Normal	10/04/2022	x	x		x					
			50.0-5.5	Soil	Normal	10/04/2022	x	x		x					
			26.5-27.0	Soil	Normal	10/04/2022	x	x		x					

Table 1A
Centerway Pedestrian Bridge Approach
Site Characterization Report
Sampling Summary and Field Observations - Soil/Solids

Location or Sample ID	Total Depth (ft)	Field Observations/ Comments	Analytical Sample Depth (ft)	Matrix	Analytical Sample Type	Sampling Date	Parameters										
							Metals	TCLP Metals	CN	SVOCs/1,4d	VOCs	Pest/PCB/Herb	TPH	PFAS	Solid Waste RCRA		
CPB-SB-05	30	1.0 - 3.0': Target fill material of white ash and brick rubble observed	0.0 - 0.5	Soil	Normal	10/05/2022	x	x	x								
			0.5-1.0	Soil	Normal	10/05/2022	x	x		x							
			1.0-2.0	Soil	Normal	10/05/2022	x	x	x	x	x	x	x				
		3.0 - 5.0': Black staining observed	4.0-5.0	Soil	Normal	10/05/2022	x	x	x	x	x	x	x	x			
			5.0-6.0	Soil	Normal	10/05/2022	x	x		x							
		10.0 - 11.0': Target fill of glass and brick observed	9.0-10.0	Soil	Normal	10/05/2022	x	x		x							
			10.0-11.0	Soil	Normal	10/06/2022	x	x		x							
IDW			29.0-30.0	Soil	Normal	10/06/2022	x	x		x							
CPB-IDW-Solid	-		-	Solid	Waste Class	12/06/2022										x	

Table 1B
Centerway Pedestrian Bridge Approach
Site Characterization Report
Sampling Summary and Field Observations - Water/Liquids

Location or Sample ID	Total Depth	Field Observations/ Comments	Analytical Sample Depth (ft)	Matrix	Analytical Sample Type	Sampling Date	GROUNDWATER							Liquid Waste Characterization/RCRA
							Metals	TCLP Metals	SVOCs/1,4D	VOCs	Pest/PCB/Herb	TPH	PFAS	
CPB-MW-01	38		23.0-38.0	Water	Normal/MS/MSD	12/06/2022	x	x	x	x	x	x	x	
CPB-MW-02	34.5		19.5-34.5	Water	Normal	12/06/2022	x	x	x	x	x	x	x	
CPB-MW-03	36		21.0-36.0	Water	Normal	12/06/2022	x	x	x	x	x	x	x	
			21.0-36.0	Water	Field Duplicate	12/06/2022	x	x	x	x	x	x	x	
IDW														
CPB-IDW-LIQUID	-		-	Aqueous	Waste Class	12/06/2022								x

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_	COMMERCIAL	NYSDECPART375_	UNRESTRICTED	EPA TCLP	Location ID	CPB-SB-01	CPB-SB-01-0.0-0.5	CPB-SB-01-0.5-1.0	CPB-SB-01-1.0-2.0	CPB-SB-01	CPB-SB-01-9.0-10.0	CPB-SB-01-16.0-17.0
Metals															
Aluminum	mg/kg								8700	11000	12000	7500	9700		
Antimony	mg/kg								1.9 U	1.8 U	1.7 U	1.9 U	2 U		
Arsenic	mg/kg					13			6.1	8.1	10	5.3	16		
Barium	mg/kg			16		350			100	130	150	590	75		
Beryllium	mg/kg			590		7.2			0.44	0.44	0.44	0.47	0.44		
Boron	mg/kg								1.6 J	3.5 U	3.4 U	80	10		
Cadmium	mg/kg					2.5			0.12 J	0.35 U	0.34 U	2.4	0.4 U		
Calcium	mg/kg								1200	1500	1700	7500	1000		
Chromium, Total	mg/kg			1500		30			11	14	15	11	13		
Cobalt	mg/kg								8.1	9.9	10	7.5	7.3		
Copper	mg/kg			270		50			14	30	34	27	12		
Iron	mg/kg								19000	35000	37000	17000	18000		
Lead	mg/kg					63			17	13	13	240	9.6		
Magnesium	mg/kg								3000	4200	4500	4600	2800		
Manganese	mg/kg			10000		1600			540	480	450	510	16		
Nickel	mg/kg			310		30			16	21	23	17	16		
Potassium	mg/kg								1100	970	1000	1300	940		
Selenium	mg/kg			1500		3.9			3.8 U	3.5 U	3.4 U	3.8 U	4 U		
Silver	mg/kg			1500		2			0.38 U	0.35 U	0.34 U	0.38 U	0.4 U		
Sodium	mg/kg								190 U	31 J	34 J	120 J	290		
Thallium	mg/kg								1.9 U	1.8 U	1.7 U	1.9 U	2 U		
Vanadium	mg/kg								12	15	16	15	12		
Zinc	mg/kg			10000		109			53	69	74	110	41		
Mercury	mg/kg			2.8		0.18			0.042	0.024 J	0.013 J	0.13	0.017 J		
TCLP Metals															
Arsenic	mg/l						5		0.05 U	0.05 U	0.05 U	0.0067 J	0.05 U		
Barium	mg/l						100		0.47 J	0.74	0.91	6.7	0.56		
Cadmium	mg/l						1		0.0015 J	0.0014 J	0.001 J	0.051	0.0026 J		
Chromium, Total	mg/l						5		0.05 U	0.05 U	0.05 U	0.004 J	0.0033 J		
Lead	mg/l						5		0.0034 J	0.1 U	0.1 U	0.47	0.1 U		
Selenium	mg/l						1		0.05 U	0.019 J	0.05 U	0.05 U	0.023 J		
Mercury	mg/l						0.2		0.000064 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U		

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TOLP	Location ID Sample ID Sample ID Sample Date SDG	CPB-SB-01 CPB-SB-01-0.0-0.5 0-0.5 10/5/2022 2210836 N	CPB-SB-01 CPB-SB-01-0.5-1.0 0.5-1.0 10/5/2022 2210836 N	CPB-SB-01 CPB-SB-01-1.0-2.0 1.0-2.0 10/5/2022 2210836 N	CPB-SB-01 CPB-SB-01-9.0-10.0 9.0-10.0 10/5/2022 2210836 N	CPB-SB-01 CPB-SB-01-16.0-17.0 16.0-17.0 10/5/2022 2210836 N
SVOCs											
1-Methylnaphthalene	mg/kg						0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
2,4-Dinitrophenol	mg/kg						0.79 UJ	0.73 UJ	0.7 UJ	0.76 UJ	0.8 UJ
2-Methylnaphthalene	mg/kg						0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Acenaphthylene	mg/kg	500	100				0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Aniline	mg/kg						0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Anthracene	mg/kg	500	100				0.79 UJ	0.73 UJ	0.7 UJ	0.76 UJ	0.8 UJ
Benzidine	mg/kg						0.2 U	0.19 U	0.18 U	0.1 J	0.21 U
Benzo(A)Anthracene	mg/kg	5.6	1				0.2 U	0.19 U	0.18 U	0.09 J	0.21 U
Benzo(A)Pyrene	mg/kg	1	1				0.089 J	0.19 U	0.18 U	0.17 J	0.21 U
Benzo(B)Fluoranthene	mg/kg	5.6	1				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Benzo(G,H,I)Perylene	mg/kg	500	100				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Benzo(K)Fluoranthene	mg/kg	56	0.8				1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Benzoic Acid	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Bis(2-Chloroisopropyl) Ether	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Bis(2-Ethylhexyl) Phthalate	mg/kg						0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Carbazole	mg/kg						0.082 J	0.19 U	0.18 U	0.15 J	0.21 U
Chrysene	mg/kg	56	1				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Dibenz(A,H)Anthracene	mg/kg	0.56	0.33				0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Dibenzofuran	mg/kg	350	7				0.15 J	0.19 U	0.18 U	0.22	0.21 U
Fluoranthene	mg/kg	500	100				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Fluorene	mg/kg	500	30				0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Hexachlorobenzene	mg/kg	6	0.33				0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Hexachlorocyclopentadiene	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Hexachloroethane	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Indeno(1,2,3-C,D)Pyrene	mg/kg	5.6	0.5				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
Naphthalene	mg/kg	500	12				0.2 U	0.19 U	0.18 U	0.19 U	0.21 U
N-Nitrosodimethylamine	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
Phenanthrene	mg/kg	500	100				0.2 U	0.19 U	0.18 U	0.15 J	0.21 U
Pyrene	mg/kg	500	100				0.12 J	0.19 U	0.18 U	0.17 J	0.21 U
Pyridine	mg/kg						0.41 U	0.38 U	0.36 U	0.39 U	0.41 U
1,4-Dioxane (P-Dioxane)	ug/kg	130000	100				4.5 U	3.7 U	3.6 U	3.9 U	4 U
VOCs											
Acetone	mg/kg	500	0.05						0.0065 J	0.079 U	
Benzene	mg/kg	44	0.06						0.0013 U	0.0016 U	
Dichlorodifluoromethane	mg/kg								0.013 UJ	0.016 UJ	
Methylcyclohexane	mg/kg								0.0013 U	0.0016 U	
Toluene	mg/kg	500	0.7						0.0013 U	0.0016 U	
PFAS											
Perfluorooctanesulfonic acid (PFOS)	ug/kg	440	0.88						0.47 U	0.5 U	
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg								0.47 UJ	0.5 UJ	
Perfluorododecanic acid (PFDoA)	ug/kg								0.47 U	0.5 U	
Perfluorononanesulfonic Acid (PFNS)	ug/kg								0.47 UJ	0.5 UJ	
Pesticides											
Endosulfan Sulfate	mg/kg	200	2.4						0.021	0.092 U	
P,P-DDT	mg/kg	47	0.0033						0.0043 U	0.0056 J	
Percent Solids											
Solids, Percent	%						83.6	90.1	93.6	87.3	82.4

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_	COMMERCIAL	NYSDECPART375_	UNRESTRICTED	EPA TOLP	Location ID	CPB-SB-01	CPB-SB-01-0.0-0.5	CPB-SB-01-0.5-1.0	CPB-SB-01-1.0-2.0	CPB-SB-01-9.0-10.0	CPB-SB-01-16.0-17.0
								Sample ID	CPB-SB-01-0.0-0.5	0-0.5	0.5-1.0	1.0-2.0	9.0-10.0	16.0-17.0
								Sample Date	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022
								SDG	22J0836	22J0836	22J0836	22J0836	22J0836	22J0836
									N		N	N	N	N
TOC														
Total Organic Carbon		mg/kg										1300	12000	
Oyanide														
Oyanide		mg/kg	27			27						0.53 U	0.56 U	
TPH														
Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem		mg/kg										63.7 J	121	
Herbicides (No Detections)														
PCBS (No Detections)														

Notes:

¹Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

²RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

³Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

⁴PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

N = normal sample; FD = field duplicate

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ = Result was rejected during validation

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART37/5_		EPA TCLP	Location ID		CPB-SB-01	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03
			COMMERCIAL	UNRESTRICTED		CPB-SB-01-24.0-25.0	CPB-SB-03-0.0-0.5	CPB-SB-03-0.5-1.0	CPB-SB-03-1.0-2.0	CPB-SB-03-4.0-5.0			
Metals													
Aluminum	mg/kg					8600	1.8 U		8900	1.8 U		9000	8900
Antimony	mg/kg						3.2 J		10	12		1.7 UJ	1.9 U
Arsenic	mg/kg	16	13				100		98	98		95	54
Barium	mg/kg	400	350										200
Beryllium	mg/kg	590	7.2				0.34		0.57	0.5		0.39	0.6
Boron	mg/kg						2.3 J		13	10		8.3	21
Cadmium	mg/kg	9.3	2.5				0.37 U		0.65	0.9		0.85	8.5
Calcium	mg/kg					1100			1900	8500		27000	4700
Chromium, Total	mg/kg	1500	30				11		12	11		11	12
Cobalt	mg/kg						6		11	8.5		6.3	7.1
Copper	mg/kg	270	50				9.1		20	20		21	50
Iron	mg/kg					17000			22000	20000		20000	22000
Lead	mg/kg	1000	63				8.4		71	130		80	850
Magnesium	mg/kg					2800			2700	3500		5500	2600
Manganese	mg/kg	10000	1600				220		520	520		350	350
Nickel	mg/kg	310	30				14		19	17		14	17
Potassium	mg/kg					780			1200	1100		1200	1200
Selenium	mg/kg	1500	3.9				3.7 U		3.8 U	3.5 U		3.5 U	3.8 U
Silver	mg/kg	1500	2				0.37 U		0.38 U	0.36 U		0.35 U	0.38 U
Sodium	mg/kg						120 J		81 J	100 J		120 J	240
Thallium	mg/kg						1.8 U		1.9 U	1.8 U		1.7 U	1.9 U
Vanadium	mg/kg						12		14	14		14	16
Zinc	mg/kg	10000	109				43		97	86		65	220
Mercury	mg/kg	2.8	0.18				0.014 J		0.076	0.088		0.082	0.56
TCLP Metals													
Arsenic	mg/l			5			0.05 U		0.05 U	0.0052 J		0.05 U	0.09
Barium	mg/l			100			0.43 J		0.36 J	1		0.79	1.4
Cadmium	mg/l			1			0.01 U		0.0027 J	0.012		0.013	0.16
Chromium, Total	mg/l			5			0.05 U		0.05 U	0.05 U		0.0056 J	0.05 U
Lead	mg/l			5			0.1 U		0.1 U	0.046 J		0.0067 J	2.4
Selenium	mg/l			1			0.05 U		0.05 U	0.025 J		0.05 U	0.05 U
Mercury	mg/l			0.2			0.00013		0.00012	0.00011		0.00012	0.00013

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_- COMMERCIAL	NYSDECPART375_- UNRESTRICTED	EPA TCLP	Location ID Sample ID Sample Date SDG	CPB-SB-01 CPB-SB-01-24.0-25.0 24.0-25.0 10/5/2022 22J0836 N	CPB-SB-03 CPB-SB-03-0.0-0.5 0.0-0.5 10/5/2022 22J1105 N	CPB-SB-03 CPB-SB-03-0.5-1.0 0.5-1.0 10/6/2022 22J1105 N	CPB-SB-03 CPB-SB-03-1.0-2.0 1.0-2.0 10/6/2022 22J1105 N	CPB-SB-03 CPB-SB-03-4.0-5.0 4.0-5.0 10/6/2022 22J1105 N
SVOCs										
1-Methylnaphthalene	mg/kg				0.2 U		0.2 U	0.1 J	0.18 U	0.15 J
2,4-Dinitrophenol	mg/kg				0.77 U		0.77 U	0.73 U	0.71 U	0.77 U
2-Methylnaphthalene	mg/kg				0.2 U		0.2 U	0.11 J	0.18 U	0.17 J
Acenaphthylene	mg/kg	500	100		0.2 U		0.2 U	0.19 U	0.18 U	0.15 J
Aniline	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Anthracene	mg/kg	500	100		0.2 U		0.2 U	0.19 U	0.18 U	0.33
Benadine	mg/kg				0.77 U		0.77 U	0.73 U	0.71 U	0.77 U
Benzo(A)Anthracene	mg/kg	5.6	1		0.2 U		0.098 J	0.13 J	0.08 J	1.5
Benzo(A)Pyrene	mg/kg	1	1		0.2 U		0.11 J	0.16 J	0.1 J	1.4
Benzo(B)Fluoranthene	mg/kg	5.6	1		0.2 U		0.17 J	0.13 J	0.13 J	2
Benzo(G,H)Perylene	mg/kg	500	100		0.2 U		0.086 J	0.13 J	0.083 J	1.1
Benzo(K)Fluoranthene	mg/kg	56	0.8		0.2 U		0.2 U	0.19 U	0.18 U	0.93
Benzoic Acid	mg/kg				1.2 U		1.2 U	1.1 U	1.1 U	1.2 U
Bis(2-Chloroisopropyl) Ether	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Bis(2-Ethylhexyl) Phthalate	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Carbazole	mg/kg				0.2 U		0.2 U	0.19 U	0.18 U	0.14 J
Chrysene	mg/kg	56	1		0.2 U		0.13 J	0.15 J	0.096 J	1.3
Dibenz(A,H)Anthracene	mg/kg	0.56	0.33		0.2 U		0.2 U	0.19 U	0.18 U	0.3 J
Dibenzofuran	mg/kg	350	7		0.4 U		0.4 U	0.38 U	0.37 U	0.12 J
Fluoranthene	mg/kg	500	100		0.2 U		0.21	0.25	0.12 J	2.8
Fluorene	mg/kg	500	30		0.2 U		0.2 U	0.19 U	0.18 U	0.11 J
Hexachlorobenzene	mg/kg	6	0.33		0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Hexachlorocyclopentadiene	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Hexachloroethane	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Indeno(1,2,3-C,D)Pyrene	mg/kg	5.6	0.5		0.2 U		0.2 U	0.13 J	0.1 J	1.4
Naphthalene	mg/kg	500	12		0.2 U		0.2 U	0.078 J	0.18 U	0.17 J
N-Nitrosodimethylamine	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
Phenanthrene	mg/kg	500	100		0.2 U		0.2 U	0.16 J	0.18 U	1.1
Pyrene	mg/kg	500	100		0.2 U		0.18 J	0.33	0.14 J	2.7
Pyridine	mg/kg				0.4 U		0.4 U	0.38 U	0.37 U	0.4 U
1,4-Dioxane (P-Dioxane)	ug/kg	130000	100		3.9 U		18 U	22 U	19 U	19 U
VOCs										
Acetone	mg/kg	500	0.05						0.021 J	
Benzene	mg/kg	44	0.06						0.0015 U	
Dichlorodifluoromethane	mg/kg								0.015 U	
Methylcyclohexane	mg/kg								0.0014 J	
Toluene	mg/kg	500	0.7						0.0015 U	
PFAS										
Perfluorooctanesulfonic acid (PFOS)	ug/kg	440	0.88						0.46 U	
9-Chlorohexadecafluoro-3-Oxonane-1-Sulfonic Acid	ug/kg								0.46 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.46 U	
Perfluorononanesulfonic Acid (PFNS)	ug/kg								0.46 U	
Pesticides										
Endosulfan Sulfate	mg/kg	200	2.4						0.086 U	
P,P'-DDT	mg/kg	47	0.0033						0.043 U	
Percent Solids										
Solids, Percent	%				85.7		86	89.9	93	85.3

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID				CPB-SB-03				CPB-SB-03			
					Sample ID	Sample ID	Sample ID	Sample ID	CPB-SB-01-24.0-25.0	CPB-SB-03-0.0-0.5	CPB-SB-03-0.5-1.0	CPB-SB-03-1.0-2.0	CPB-SB-03-4.0-5.0	CPB-SB-03-10.0-15.0	CPB-SB-03-15.0-20.0	CPB-SB-03-20.0-25.0
					SDG	22J0836	22J1105	22J1105	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022
						N	N	N								N
TOC																
Total Organic Carbon	mg/kg														14000	
Cyanide																
Cyanide	mg/kg	27	27												0.45J	
TPH																
Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg														116J	
Herbicides (No Detections)																
PCBS (No Detections)																

Notes:

¹Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

²RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

³Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

⁴PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

N = normal sample; FD = field duplicate

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART37/5_		EPA TCLP	Location ID				CPB-SB-03				CPB-SB-03				CPB-SB-03				CPB-SB-03				CPB-SB-03			
		COMMERCIAL	UNRESTRICTED		CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03
					Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID	Sample ID
					SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG	SDG
					10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022
					22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105	22/1105
					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metals																												
Aluminum	mg/kg								8000	1.7 U			8000	1.9 U			8500				9500				9000			
Antimony	mg/kg																											
Arsenic	mg/kg																											
Barium	mg/kg																											
Beryllium	mg/kg																											
Boron	mg/kg																											
Cadmium	mg/kg																											
Calcium	mg/kg																											
Chromium, Total	mg/kg																											
Cobalt	mg/kg																											
Copper	mg/kg																											
Iron	mg/kg																											
Lead	mg/kg																											
Magnesium	mg/kg																											
Manganese	mg/kg																											
Nickel	mg/kg																											
Potassium	mg/kg																											
Selenium	mg/kg																											
Silver	mg/kg																											
Sodium	mg/kg																											
Thallium	mg/kg																											
Vanadium	mg/kg																											
Zinc	mg/kg																											
Mercury	mg/kg																											
TCLP Metals																												
Arsenic	mg/l																											
Barium	mg/l																											
Cadmium	mg/l																											
Chromium, Total	mg/l																											
Lead	mg/l																											
Selenium	mg/l																											
Mercury	mg/l																											

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TOLP	Location ID Sample ID Sample ID Sample ID SDG	CPB-SB-03 CPB-SB-03-5.0-6.0 5.0-6.0 10/6/2022 22/1105 N	CPB-SB-03 CPB-SB-03-8.0-9.0 8.0-9.0 10/6/2022 22/1105 N	CPB-SB-03 CPB-SB-03-8.0-9.0-D 8.0-9.0 10/6/2022 22/1105 FD	CPB-SB-03 CPB-SB-03-22.0-23.0 22.0-23.0 10/6/2022 22/1105 N	CPB-SB-03 CPB-SB-03-27.0-28.0 27.0-28.0 10/6/2022 22/1105 N
SVOCs											
1-Methylnaphthalene	mg/kg						0.089 J	0.18 J	0.087 J	0.2 U	0.2 U
2,4-Dinitrophenol	mg/kg						0.7 U	0.77 U	0.77 U	0.79 U	0.78 U
2-Methylnaphthalene	mg/kg						0.094 J	0.26 J	0.13 J	0.2 U	0.2 U
Acenaphthylene	mg/kg	500	100				0.18 U	0.1 J	0.081 J	0.2 U	0.2 U
Aniline	mg/kg						0.36 UJ	0.4 UJ	0.4 UJ	0.41 UJ	0.4 UJ
Anthracene	mg/kg	500	100				0.18 U	0.85 J	0.41 J	0.2 U	0.2 U
Benzdline	mg/kg						0.7 UJ	0.79 UJ	0.77 UJ	0.79 UJ	0.78 UJ
Benzo(A)Anthracene	mg/kg	5.6	1				0.14 J	2.2 J	1.3 J	0.2 U	0.2 U
Benzo(A)Pyrene	mg/kg	1	1				0.16 J	1.6 J	1 J	0.2 U	0.2 U
Benzo(B)Fluoranthene	mg/kg	5.6	1				0.18 J	2.4 J	1.6 J	0.2 U	0.2 U
Benzo(G,H)Perylene	mg/kg	500	100				0.11 J	1.1 J	0.63 J	0.2 U	0.2 U
Benzo(K)Fluoranthene	mg/kg	56	0.8				0.18 U	1.1 J	0.67 J	0.2 U	0.2 U
Benzoic Acid	mg/kg						1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
Bis(2-Chloroisopropyl) Ether	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Bis(2-Ethylhexyl) Phthalate	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Carbazole	mg/kg						0.18 U	0.28 J	0.15 J	0.2 U	0.2 U
Chrysene	mg/kg	56	1				0.18 J	1.9 J	1.1 J	0.2 U	0.2 U
Dibenz(A,H)Anthracene	mg/kg	0.56	0.33				0.18 UJ	0.3 J	0.16 J	0.2 UJ	0.2 UJ
Dibenzofuran	mg/kg	350	7				0.36 U	0.23 J	0.13 J	0.41 U	0.4 U
Fluoranthene	mg/kg	500	100				0.21	4.2 J	2.9 J	0.2 U	0.1 J
Fluorene	mg/kg	500	30				0.18 U	0.13 J	0.13 J	0.2 U	0.2 U
Hexachlorobenzene	mg/kg	6	0.33				0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Hexachlorocyclopentadiene	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Hexachloroethane	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Indeno(1,2,3-C,D)Pyrene	mg/kg	5.6	0.5				0.12 J	1.5 J	0.86 J	0.2 U	0.2 U
Naphthalene	mg/kg	500	12				0.18 U	0.28 J	0.24 J	0.2 U	0.2 U
N-Nitrosodimethylamine	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
Phenanthrene	mg/kg	500	100				0.12 J	3.1 J	1.5 J	0.2 U	0.2 U
Pyrene	mg/kg	500	100				0.39	4.8 J	2.6 J	0.2 U	0.11 J
Pyridine	mg/kg						0.36 U	0.4 U	0.4 U	0.41 U	0.4 U
1,4-Dioxane (P-Dioxane)	ug/kg	130000	100				17 U	3.9 U	17 U	3.6 U	17 U
VOCs											
Acetone	mg/kg	500	0.05					0.0083 J	0.088 U		
Benzene	mg/kg	44	0.06					0.0018 U	0.0018 U		
Dichlorodifluoromethane	mg/kg							0.016 UJ	0.018 UJ		
Methylcyclohexane	mg/kg							0.0016 U	0.0018 U		
Toluene	mg/kg	500	0.7					0.0016 U	0.0018 U		
PFAS											
Perfluorooctanesulfonic acid (PFOS)	ug/kg	440	0.88					0.5 U	0.49 U		
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg							0.5 UJ	0.49 UJ		
Perfluorododecanoic acid (PFDoA)	ug/kg							0.5 U	0.49 U		
Perfluorononanesulfonic Acid (PFNS)	ug/kg							0.5 UJ	0.49 UJ		
Pesticides											
Endosulfan Sulfate	mg/kg	200	2.4					0.093 U	0.093 U		
P, P'-DDT	mg/kg	47	0.0033					0.047 U	0.0068 J		
Percent Solids											
Solids, Percent	%						94.3	85.8	86	83.3	85.1

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID				CPB-SB-03				CPB-SB-03				CPB-SB-03				CPB-SB-03				CPB-SB-03			
					Sample ID	Sample ID	Sample ID	Sample ID	CPB-SB-03-5.0-6.0	CPB-SB-03-8.0-9.0	CPB-SB-03-8.0-9.0-D	CPB-SB-03-22.0-23.0	CPB-SB-03-27.0-28.0	CPB-SB-03-5.0-6.0	CPB-SB-03-8.0-9.0	CPB-SB-03-8.0-9.0-D	CPB-SB-03-22.0-23.0	CPB-SB-03-27.0-28.0	CPB-SB-03-5.0-6.0	CPB-SB-03-8.0-9.0	CPB-SB-03-8.0-9.0-D	CPB-SB-03-22.0-23.0	CPB-SB-03-27.0-28.0	CPB-SB-03-5.0-6.0	CPB-SB-03-8.0-9.0	CPB-SB-03-8.0-9.0-D	CPB-SB-03-22.0-23.0	CPB-SB-03-27.0-28.0
					SDG	SDG	SDG	SDG	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022
					N	N	N	N	N	N	FD	N	N	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
TOC																												
Total Organic Carbon	mg/kg																											
Cyanide	mg/kg	27	27																									
TPH																												
Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg																											
Herbicides (No Detections)																												
PCBS (No Detections)																												

Notes:

¹Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

²RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

³Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

⁴PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

N = normal sample; FD = field duplicate

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ =

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART37/5_		EPA TCLP	CPB-SB-04				CPB-SB-04				CPB-SB-04				CPB-SB-04			
		COMMERCIAL	UNRESTRICTED		Location ID	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04	CPB-SB-04
					Sample ID	0.0-0.5	0.0-0.5	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0	0.5-1.0
					Sample Date	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022	10/4/2022
					SDG	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metals																				
Aluminum	mg/kg					7400	1.8 U		9600	1.9 U	7900		11000	1.8 U	7200					
Antimony	mg/kg						5.8		8.2	6.6				16 J	7.1					
Arsenic	mg/kg	16	13						130	120					49					
Barium	mg/kg	400	350						97	160					530					
Beryllium	mg/kg	590	7.2				0.38		0.47	0.39				0.51 J	0.35					
Boron	mg/kg						37 U		39 U	38 U				37 U	64					
Cadmium	mg/kg	9.3	2.5				0.24 J		0.2 J	0.15 J				0.8	18					
Calcium	mg/kg					1700			1900	1600				2600	33000					
Chromium, Total	mg/kg	1500	30			9.4			13	10				14	13					
Cobalt	mg/kg					7.2			9.1	8.1				11	8.6					
Copper	mg/kg	270	50			16			25	18				35	61					
Iron	mg/kg					24000			29000	30000				33000	17000					
Lead	mg/kg	1000	63			18			26	20				120	1100					
Magnesium	mg/kg					3500			4200	4100				4900	13000					
Manganese	mg/kg	10000	1600			500			530	720				580	580					
Nickel	mg/kg	310	30			15			20	16				23	18					
Potassium	mg/kg					990			1100	1000				1100	1000					
Selenium	mg/kg	1500	3.9			3.7 U			3.9 U	3.8 U				3.7 U	3.8 U					
Silver	mg/kg	1500	2			0.37 U			0.39 U	0.38 U				0.37 U	0.14 J					
Sodium	mg/kg					42 J			38 J	37 J				42 J	160 J					
Thallium	mg/kg					1.8 U			1.9 U	1.9 U				1.8 U	1.9 U					
Vanadium	mg/kg					11			14	11				15	12					
Zinc	mg/kg	10000	109			53			77	62				95	310					
Mercury	mg/kg	2.8	0.18			0.026 J			0.031	0.027 J				0.068	0.44					
TCLP Metals																				
Arsenic	mg/l			5		0.05 U			0.05 U	0.05 U				0.05 U	0.05 J					
Barium	mg/l			100		0.57			0.91	0.55				1.1 J	4					
Cadmium	mg/l			1		0.0018 J			0.0089 J	0.0018 J				0.015 J	0.46					
Chromium, Total	mg/l			5		0.05 U			0.0051 J	0.05 U				0.05 U	0.05 U					
Lead	mg/l			5		0.1 U			0.014 J	0.1 U				0.15 J	3.9					
Selenium	mg/l			1		0.017 J			0.015 J	0.05 U				0.018 J	0.05 U					
Mercury	mg/l			0.2		0.0001 U			0.0001 U	0.0001 U				0.0001 U	0.000041 J					

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID Sample ID Sample Date SDG	CPB-SB-04 CPB-SB-04.0.0-0.5 0.0-0.5 10/4/2022 22J0586 N	CPB-SB-04 CPB-SB-04.0.5-1.0 0.5-1.0 10/4/2022 22J0586 N	CPB-SB-04 CPB-SB-04.0.5-1.0-D 0.5-1.0 10/4/2022 22J0586 FD	CPB-SB-04 CPB-SB-04.1.0-2.0 1.0-2.0 10/4/2022 22J0586 N	CPB-SB-04 CPB-SB-04.4.5-5.0 4.5-5.0 10/4/2022 22J0586 N
SVOCs										
1-Methylnaphthalene	mg/kg					0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
2,4-Dinitrophenol	mg/kg					0.77 UJ	0.77 UJ	0.77 UJ	0.74 UJ	0.75 UJ
2-Methylnaphthalene	mg/kg					0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Acenaphthylene	mg/kg	500	100			0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Aniline	mg/kg					0.4 U	0.4 U	0.4 U	0.38 U	0.38 U
Anthracene	mg/kg	500	100			0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Benzo(a)Anthracene	mg/kg	5.6	1			0.77 UJ	0.77 UJ	0.77 UJ	0.74 UJ	0.75 UJ
Benzo(a)Pyrene	mg/kg	1	1			0.2 U	0.2 U	0.2 U	0.26	0.37
Benzo(b)Fluoranthene	mg/kg	5.6	1			0.2 U	0.2 U	0.2 U	0.29	0.36
Benzo(g,h,i)Perylene	mg/kg	500	100			0.2 U	0.2 U	0.2 U	0.35	0.47
Benzo(k)Fluoranthene	mg/kg	56	0.8			0.2 U	0.2 U	0.2 U	0.13 J	0.17 J
Benzoic Acid	mg/kg					0.2 U	0.2 U	0.2 U	0.17 J	0.2
Bis(2-Chloroisopropyl) Ether	mg/kg					0.4 UJ	0.4 UJ	0.4 UJ	R	R
Bis(2-Ethylhexyl) Phthalate	mg/kg					0.4 U	0.4 U	0.4 U	0.38 UJ	0.38 UJ
Carbazole	mg/kg					0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Chrysene	mg/kg	56	1			0.2 U	0.2 U	0.2 U	0.2	0.39
Dibenz(a,h)Anthracene	mg/kg	0.56	0.33			0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Dibenzofuran	mg/kg	350	7			0.4 U	0.4 U	0.4 U	0.38 U	0.38 U
Fluoranthene	mg/kg	500	100			0.2 U	0.088 J	0.088 J	0.59	0.68
Fluorene	mg/kg	500	30			0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
Hexachlorobenzene	mg/kg	6	0.33			0.4 UJ	0.4 UJ	0.4 UJ	0.38 UJ	0.38 UJ
Hexachlorocyclopentadiene	mg/kg					0.4 UJ	0.4 UJ	0.4 UJ	0.38 UJ	0.38 UJ
Hexachloroethane	mg/kg					0.4 U	0.4 U	0.4 U	0.38 U	0.38 U
Indeno(1,2,3-c,d)Pyrene	mg/kg	5.6	0.5			0.2 U	0.2 U	0.2 U	0.2	0.19 J
Naphthalene	mg/kg	500	12			0.2 U	0.2 U	0.2 U	0.19 U	0.19 U
N-Nitrosodimethylamine	mg/kg					0.4 UJ	0.4 UJ	0.4 UJ	0.38 UJ	0.38 UJ
Phenanthrene	mg/kg	500	100			0.2 U	0.2 U	0.2 U	0.22	0.38
Pyrene	mg/kg	500	100			0.2 U	0.2 U	0.2 U	0.39	0.6
Pyridine	mg/kg					0.4 U	0.4 U	0.4 U	0.38 UJ	0.38 U
1,4-Dioxane (P-Dioxane)	ug/kg	130000	100			4.2 U	3.7 U	3.5 U	3.3 U	18 U
VOCs										
Acetone	mg/kg	500	0.05							
Benzene	mg/kg	44	0.06							
Dichlorodifluoromethane	mg/kg									
Methylcyclohexane	mg/kg									
Toluene	mg/kg	500	0.7							
PFAS										
Perfluorooctanesulfonic acid (PFOS)	ug/kg	440	0.88							
9-Chlorohexadecafluoro-3-Oxonane-1-Sulfonic Acid	ug/kg									
Perfluorododecanoic acid (PFDoA)	ug/kg									
Perfluorononanesulfonic Acid (PFNS)	ug/kg									
Pesticides										
Endosulfan Sulfate	mg/kg	200	2.4							
P,P'-DDT	mg/kg	47	0.0033							
Percent Solids										
Solids, Percent	%					85.5	85.2	85.7	89.2	88.4

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID				CPB-SB-04				CPB-SB-04				CPB-SB-04			
					Sample ID	Sample ID	Sample ID	Sample ID	CPB-SB-04-0.0-0.5	CPB-SB-04-0.5-1.0	CPB-SB-04-0.5-1.0-D	CPB-SB-04-1.0-2.0	CPB-SB-04-4.5-5.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0	CPB-SB-04-1.0-2.0
					SDG	10/4/2022	22/0586	N	10/4/2022	22/0586	10/4/2022	22/0586	10/4/2022	22/0586	10/4/2022	22/0586	10/4/2022	22/0586	10/4/2022	22/0586
TOC																				
Total Organic Carbon	mg/kg																			
Cyanide																				
Cyanide	mg/kg	27	27																	
TPH																				
Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg																			
Herbicides (No Detections)																				
PCBS (No Detections)																				

Notes:

¹Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

²RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

³Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

⁴PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

N = normal sample; FD = field duplicate

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+ =

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID Sample ID Sample ID Sample Date SDG	CPB-SB-04 CPB-SB-04-5.0-5.5 5.0-5.5 10/4/2022 22/0586	N	CPB-SB-04 CPB-SB-04-26.5-27.0 26.5-27.0 10/4/2022 22/0586	N	CPB-SB-05 CPB-SB-05-0.0-0.5 0.0-0.5 10/5/2022 22/0836	N	CPB-SB-05 CPB-SB-05-0.5-1.0 0.5-1.0 10/5/2022 22/0836	N	CPB-SB-05 CPB-SB-05-1.0-2.0 1.0-2.0 10/5/2022 22/0836	N
Metals																
Aluminum	mg/kg						8500	1.9 U	8000	2 U	8400	1.9 U	7700		6900	
Antimony	mg/kg						1.9 U	22	5.1	8.6	83	1.9 U			27	1.7 U
Arsenic	mg/kg		16	13			160	350	94	110	100				180	
Barium	mg/kg	400					0.44	7.2	0.4	0.44	0.54				0.32	
Beryllium	mg/kg	590														
Boron	mg/kg						38 U		41 U	41 U	2.6 J	6.3			19	
Cadmium	mg/kg						2.8	2.5	0.41 U	0.89	0.89	1.5			4.4	
Calcium	mg/kg						6700		910		2800	26000			16000	
Chromium, Total	mg/kg	1500		30			22		11	11	12	10			10	
Cobalt	mg/kg						8.9		6.4		11	8			6.8	
Copper	mg/kg	270		50			37		11		19	19			30	
Iron	mg/kg						27000		17000		19000	15000			16000	
Lead	mg/kg	1000		63			280		8.6	83	470	170			470	
Magnesium	mg/kg						4800		2800		3000	4100			4400	
Manganese	mg/kg	10000		1600			540		350	670	510	440			440	
Nickel	mg/kg	310		30			22		14		19	16			15	
Potassium	mg/kg						1000		800		1000	1000			830	
Selenium	mg/kg	1500		3.9			3.8 U		4.1 U	3.8 U	3.8 U	3.5 U			3.8 U	
Silver	mg/kg	1500		2			0.38 U		0.41 U	0.38 U	0.38 U	0.35 U			0.35 U	
Sodium	mg/kg						100 J		120 J	120 J	45 J	80 J			100 J	
Thallium	mg/kg						1.9 U		2 U	1.9 U	1.9 U	1.7 U			1.7 U	
Vanadium	mg/kg						13		11		12	11			12	
Zinc	mg/kg	10000		109			120		45		91	85			130	
Mercury	mg/kg	2.8		0.18			0.069		0.016 J		0.099	0.12			0.25	
TCLP Metals																
Arsenic	mg/l				5		0.0093 J		0.05 U		0.05 U	0.05 U			0.05 U	
Barium	mg/l				100		2		0.45 J		1	1			1.4	
Cadmium	mg/l				1		0.066		0.0014 J		0.012	0.013			0.089	
Chromium, Total	mg/l				5		0.0026 J		0.05 U		0.004 J	0.014 J			0.0051 J	
Lead	mg/l				5		0.5		0.1 U		0.07 J	0.019 J			1.1	
Selenium	mg/l				1		0.05 U		0.013 J		0.05 U	0.05 U			0.05 U	
Mercury	mg/l				0.2		0.0001 U		0.00084 J		0.00016	0.00013			0.00011	

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name		Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TOLP	Location ID Sample ID Sample ID Sample ID SDG	CPB-SB-04 CPB-SB-04-5.0-5.5 5.0-5.5 10/4/2022 22/0586 N	CPB-SB-04 CPB-SB-04-26.5-27.0 26.5-27.0 10/4/2022 22/0586 N	CPB-SB-05 CPB-SB-05-0.0-0.5 0.0-0.5 10/5/2022 22/0836 N	CPB-SB-05 CPB-SB-05-0.5-1.0 0.5-1.0 10/5/2022 22/0836 N	CPB-SB-05 CPB-SB-05-1.0-2.0 1.0-2.0 10/5/2022 22/0836 N
SVOCs											
1-Methylnaphthalene	mg/kg						0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
2,4-Dinitrophenol	mg/kg						0.75 UJ	0.81 UJ	0.77 UJ	0.76 UJ	0.72 UJ
2-Methylnaphthalene	mg/kg						0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
Acenaphthylene	mg/kg	500	100				0.19 U	0.21 U	0.2 U	0.2 U	0.097 J
Aniline	mg/kg						0.39 U	0.42 U	0.4 U	0.39 U	0.37 U
Anthracene	mg/kg	500	100				0.19 U	0.21 U	0.2 U	0.2 U	0.087 J
Benzidine	mg/kg						0.75 UJ	0.81 UJ	0.77 UJ	0.76 UJ	0.72 UJ
Benzo(A)Anthracene	mg/kg	5.6	1				0.1 J	0.21 U	0.089 J	0.12 J	0.41
Benzo(A)Pyrene	mg/kg	1	1				0.12 J	0.21 U	0.099 J	0.12 J	0.37
Benzo(B)Fluoranthene	mg/kg	5.6	1				0.19 J	0.21 U	0.21 J	0.18 J	0.19 U
Benzo(G,H)Perylene	mg/kg	500	100				0.19 U	0.21 U	0.2 U	0.2 U	0.27
Benzo(K)Fluoranthene	mg/kg	56	0.8				0.071 J	0.21 U	0.2 U	0.2 U	0.24
Benzoic Acid	mg/kg						R	R	1.2 UJ	1.2 UJ	1.1 UJ
Bis(2-Chloroisopropyl) Ether	mg/kg						0.39 UJ	0.42 UJ	0.4 U	0.39 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	mg/kg						0.39 U	0.42 U	0.4 U	0.39 U	0.37 U
Carbazole	mg/kg						0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
Chrysene	mg/kg	56	1				0.13 J	0.21 U	0.11 J	0.12 J	0.4
Dibenz(A,H)Anthracene	mg/kg	0.56	0.33				0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
Dibenzofuran	mg/kg	350	7				0.39 U	0.42 U	0.4 U	0.39 U	0.37 U
Fluoranthene	mg/kg	500	100				0.21	0.21 U	0.19 J	0.21	0.86
Fluorene	mg/kg	500	30				0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
Hexachlorobenzene	mg/kg	6	0.33				0.39 UJ	0.42 UJ	0.4 U	0.39 U	0.37 U
Hexachlorocyclopentadiene	mg/kg						0.39 UJ	0.42 UJ	0.4 U	0.39 U	0.37 U
Hexachloroethane	mg/kg						0.39 U	0.42 U	0.4 U	0.39 U	0.37 U
Indeno(1,2,3-C,D)Pyrene	mg/kg	5.6	0.5				0.19 U	0.21 U	0.2 U	0.091 J	0.34
Naphthalene	mg/kg	500	12				0.19 U	0.21 U	0.2 U	0.2 U	0.19 U
N-Nitrosodimethylamine	mg/kg						0.39 UJ	0.42 UJ	0.4 U	0.39 U	0.37 U
Phenanthrene	mg/kg	500	100				0.11 J	0.21 U	0.2 U	0.087 J	0.46
Pyrene	mg/kg	500	100				0.15 J	0.21 U	0.14 J	0.18 J	0.7
Pyridine	mg/kg						0.39 U	0.42 U	0.4 U	0.39 U	0.37 U
1,4-Dioxane (P-Dioxane)	ug/kg	130000	100				17 U	4.1 U	4.4 U	1.9 J	18 U
VOCs											
Acetone	mg/kg	500	0.05								0.011 J
Benzene	mg/kg	44	0.06								0.00049 J
Dichlorodifluoromethane	mg/kg										0.015 UJ
Methylcyclohexane	mg/kg										0.0014 J
Toluene	mg/kg	500	0.7								0.00047 J
PFAS											
Perfluorooctanesulfonic acid (PFOS)	ug/kg	440	0.88								0.09 J
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	ug/kg										0.48 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg										0.48 U
Perfluorononanesulfonic Acid (PFNS)	ug/kg										0.48 UJ
Pesticides											
Endosulfan Sulfate	mg/kg	200	2.4								0.088 U
P,P'-DDT	mg/kg	47	0.0033								0.044 U
Percent Solids											
Solids, Percent	%						87.6	81.6	85.5	86.5	91.1

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART375_ COMMERCIAL	NYSDECPART375_ UNRESTRICTED	EPA TCLP	Location ID				CPB-SB-04				CPB-SB-05				CPB-SB-05			
					Sample ID	Sample ID	Sample ID	Sample ID	CPB-SB-04-5.0-5.5	CPB-SB-04-26.5-27.0	CPB-SB-05-0.0-0.5	CPB-SB-05-0.5-1.0	CPB-SB-05-1.0-2.0	CPB-SB-05-0.0-0.5	CPB-SB-05-0.5-1.0	CPB-SB-05-1.0-2.0	CPB-SB-05-0.0-0.5	CPB-SB-05-0.5-1.0	CPB-SB-05-1.0-2.0	CPB-SB-05-0.0-0.5
					SDG	10/4/2022	22/0586	N	10/4/2022	22/0586	10/5/2022	22/0836	10/5/2022	22/0836	10/5/2022	22/0836	10/5/2022	22/0836	10/5/2022	22/0836
TOC																				
Total Organic Carbon	mg/kg																			5000
Cyanide																				
Cyanide	mg/kg	27	27																	0.54 U
TPH																				
Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	mg/kg																			181
Herbicides (No Detections)																				
PCBS (No Detections)																				

Notes:

¹Soil Cleanup Objectives (SCOs) from 6 NYCRR Part 375 Environmental Remediation Programs Subpart 375-6, December 2006

²RCRA maximum concentration of contaminants for the toxicity characteristic from 40 CFR § 261.24

³Total chromium is compared against the NYCRR SCOs for trivalent (III) chromium

⁴PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

N = normal sample; FD = field duplicate

mg/kg = milligrams per kilogram; ug/kg = micrograms per kilogram

U = Not detected above laboratory standard; UJ = Estimated and not detected at the value given; J = estimated at the value given; J+

- Value exceeds the NYCRR Unrestricted Use SCOs

- Value exceeds the NYCRR Commercial Use SCOs

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name	Unit	NYSDECPART37/5_		EPA TCLP	Location ID					CPB-SB-05		CPB-SB-05		CPB-SB-05		CPB-SB-05		CPB-SB-05	
		COMMERCIAL	UNRESTRICTED		Sample ID	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0	CPB-SB-05-10.0-11.0
					Sample Date	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022	10/5/2022
					SDG	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Metals																			
Aluminum	mg/kg					4900	1.8 U			6600	1.8 U			7700	1.9 U			9900	1.9 U
Antimony	mg/kg																		
Arsenic	mg/kg	16	13			14	32			32				170				530	49
Barium	mg/kg	400	350			60	130	60	140	69	130	60	140	69	130	60	140	69	92
Beryllium	mg/kg	590	7.2			0.31	0.39	0.35	0.35	0.35	0.39	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.38
Boron	mg/kg					9.2													
Cadmium	mg/kg	9.3	2.5			1.4	3.5	1.4	3.2	3.5	1.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	1.5
Calcium	mg/kg					13000				7300				5300				5500	4600
Chromium, Total	mg/kg	1500	30			6.6	10	30	30	10	30	30	30	15	30	15	30	14	
Cobalt	mg/kg					4.9	7.1	6	8.4	7.1	6	6	8.4	7.1	6	8.4	7.1	7.1	
Copper	mg/kg	270	50			23	31	26	16	31	26	26	16	16	16	16	16	17	
Iron	mg/kg					11000				16000				13000				20000	21000
Lead	mg/kg	1000	63			620	650	650	230	650	650	650	230	650	650	650	230	99	
Magnesium	mg/kg					2200				2900				1700				4600	4800
Manganese	mg/kg	10000	1600			230	410	180	510	410	180	180	510	17	17	17	15	360	
Nickel	mg/kg	310	30			11	14	17	17	14	17	17	17	17	17	17	15	15	
Potassium	mg/kg					720				880				1700				2200	1400
Selenium	mg/kg	1500	3.9			3.6 U	3.7 U	3.9 U	3.8 U	3.7 U	3.9 U	3.9 U	3.8 U	4 U	3.9 U	3.8 U	3.8 U	3.8 U	
Silver	mg/kg	1500	2			0.36 U	0.37 U	0.39 U	0.4 U	0.37 U	0.39 U	0.39 U	0.4 U	0.4 U	0.39 U	0.4 U	0.38 U	0.38 U	
Sodium	mg/kg					120 J	130 J			130 J				2300				2600	1000
Thallium	mg/kg					1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	
Vanadium	mg/kg					11	12	16	14	12	16	16	14	16	16	14	14	14	
Zinc	mg/kg	10000	109			53	110	73	73	110	73	110	73	73	73	73	59	59	
Mercury	mg/kg	2.8	0.18			0.14	0.22	0.15	0.028 J	0.22	0.15	0.15	0.028 J	0.028 J	0.028 J	0.028 J	0.028 J	0.028 J	
TCLP Metals																			
Arsenic	mg/l			5		0.05 U	0.05 U	0.4		0.05 U		0.4		2		2		0.05 U	
Barium	mg/l			100		0.65	1.8	0.37 J		1.8		0.37 J		1.1		1.1		0.77	
Cadmium	mg/l			1		0.019	0.076	0.09		0.076		0.09		0.022		0.022		0.041	
Chromium, Total	mg/l			5		0.05 U	0.0035 J	0.053 J		0.0035 J		0.053 J		0.05 U		0.05 U		0.0035 J	
Lead	mg/l			5		0.78	1.8	0.94		1.8		0.94		0.04 J		0.04 J		0.27	
Selenium	mg/l			1		0.05 U	0.05 U	0.05 U		0.05 U		0.05 U		0.012 J		0.012 J		0.017 J	
Mercury	mg/l			0.2		0.00011	0.00011	0.00012		0.00011		0.00012		0.00011		0.00011		0.00011	

Table 2
Centerway Pedestrian Bridge Approach
Site Characterization
Validated Subsurface Soil Results - Detected Compounds

Chemical Name										Unit	NYSDECPART375_	COMMERCIAL	NYSDECPART375_	UNRESTRICTED	EPA TQLP	Location ID	CPB-SB-05	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0
															Sample ID	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
															Sample ID	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
															Sample Date	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
															SDG	CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0	CPB-SB-05-29.0-30.0		
																CPB-SB-05-4.0-5.0	CPB-SB-05-5.0-6.0	CPB-SB-05-9.0-10.0	CPB-SB-05-10.0-11.0</			

Table 3
Centerway Pedestrian Bridge Approach
Site Characterization Report
Subsurface Soils Analytical Summary - Exceedance Ranges

Compound	Units	SCO/ Guidance*	Value	N > SCO	Range > SCO	Sample Location and Depths (feet)
Metals						
Arsenic	mg/kg	Commercial	16	11	22 to 530	CPB-SB-03 (4-5') CPB-SB-03 (5-6') CPB-SB-03 (8-9') CPB-SB-04 (4.5-5') CPB-SB-04 (5-5.5') CPB-SB-05 (0.5-1') CPB-SB-05 (1-2') CPB-SB-05 (5-6') CPB-SB-05 (9-10') CPB-SB-05 (10-11') CPB-SB-05 (29-30')
		Unrestricted	13	4	14 to 16	CPB-SB-01 (9-10') CPB-SB-03 (1-2') CPB-SB-04 (1-2') CPB-SB-05 (4-5')
Barium	mg/kg	Commercial	400	2	530 to 590	CPB-SB-01 (9-10') CPB-SB-04 (4.5-5')
Cadmium	mg/kg	Commercial	9.3	1	18	CPB-SB-04 (4.5-5')
		Unrestricted	2.5	7	2.8 to 8.5	CPB-SB-03 (4-5') CPB-SB-03 (8-9') CPB-SB-04 (5-5.5') CPB-SB-05 (1-2') CPB-SB-05 (5-6') CPB-SB-05 (9-10') CPB-SB-05 (10-11')
Copper	mg/kg	Unrestricted	50	2	55 to 61	CPB-SB-03 (8-9') CPB-SB-04 (4.5-5')
Lead	mg/kg	Commercial	1000	1	1100	CPB-SB-04 (4.5-5')
		Unrestricted	63	17	71 to 850	CPB-SB-01 (9-10') CPB-SB-03 (0-0.5') CPB-SB-03 (0.5-1') CPB-SB-03 (1-2') CPB-SB-03 (4-5') CPB-SB-03 (5-6') CPB-SB-03 (8-9') CPB-SB-04 (1-2') CPB-SB-04 (5-5.5') CPB-SB-05 (0-0.5') CPB-SB-05 (0.5-1') CPB-SB-05 (1-2') CPB-SB-05 (4-5') CPB-SB-05 (5-6') CPB-SB-05 (9-10') CPB-SB-05 (10-11') CPB-SB-05 (29-30')
Zinc	mg/kg	Unrestricted	109	8	110 to 310	CPB-SB-01 (9-10') CPB-SB-03 (4-5') CPB-SB-03 (8-9') CPB-SB-04 (4.5-5') CPB-SB-04 (5-5.5') CPB-SB-05 (1-2') CPB-SB-05 (5-6') CPB-SB-05 (9-10')
Mercury	mg/kg	Unrestricted	0.18	5	0.22 to 0.56	CPB-SB-03 (4-5') CPB-SB-03 (8-9') CPB-SB-04 (4.5-5') CPB-SB-05 (1-2') CPB-SB-05 (5-6')
SVOCs						
Benzo(A)Anthracene	mg/kg	Unrestricted	1	2	1.3 to 2.2	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Benzo(A)Pyrene	mg/kg	Commercial / Residential	1	2	1.4 to 1.6	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Benzo(B)Fluoranthene	mg/kg	Unrestricted	1	2	1.6 to 2.4	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Benzo(K)Fluoranthene	mg/kg	Unrestricted	0.8	2	0.93 to 1.1	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Chrysene	mg/kg	Unrestricted	1	2	1.3 to 1.9	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Indeno(1,2,3-C,D)Pyrene	mg/kg	Unrestricted	0.5	2	1.4 to 1.5	CPB-SB-03 (4-5') CPB-SB-03 (8-9')
Pesticides						
P,P'-DDT	mg/kg	Unrestricted	0.0033	2	0.0056 to 0.0068	CPB-SB-01 (9-10') CPB-SB-03 (8-9')

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

* = Unrestricted SCOs were also exceeded for samples above Commercial SCOs.

1. The SCO for both Commercial and Unrestricted is 1 mg/kg.

Table 4
Centerway Pedestrian Bridge Approach
Site Characterization Report
Groundwater Analytical Summary - Detected Compounds

		Location ID		CPB-MW-01	CPB-MW-02	CPB-MW-03	CPB-MW-03
		Sample ID		CPB-MW-01-2022-12-06	CPB-MW-02-2022-12-06	CPB-MW-03-2022-12-06	CPB-MW-03-2022-12-06_D
		Sample Depth (ft)		23.0-38.0	19.5-34.5	21.0-36.0	21.0-36.0
		Sample Date		12/6/2022	12/6/2022	12/6/2022	12/6/2022
		SDG		22L1032	22L1289	22L1289	22L1289
		Sample Type Code		N	N	N	FD
Chemical Name	Unit	NY TOG GW	NYS MCL				
Metals							
Aluminum	mg/l	0.1		0.05 U	0.05 U	0.05 U	0.05 U
Antimony	mg/l	0.003		0.05 U	0.05 U	0.05 U	0.05 U
Arsenic	mg/l	0.025		0.01 U	0.01 U	0.01 U	0.01 U
Barium	mg/l	1		0.061	0.045 J	0.062	0.07
Beryllium	mg/l	0.003		0.004 U	0.004 U	0.004 U	0.004 U
Boron	mg/l			0.63	1.5	0.1 U	0.1 U
Cadmium	mg/l	0.005		0.004 U	0.004 U	0.004 U	0.004 U
Calcium	mg/l			33	67	48	49
Chromium, Total	mg/l	0.05		0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/l	0.005		0.01 U	0.01 U	0.01 U	0.01 U
Copper	mg/l	0.2		0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/l	0.3		0.026 J	0.029 J	0.027 J	0.026 J
Lead	mg/l	0.025		0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	mg/l	35		6.5	13	10	11
Manganese	mg/l	0.3		0.01 U	0.0068 J	0.0017 J	0.01 U
Nickel	mg/l	0.1		0.01 U	0.01 U	0.01 U	0.01 U
Potassium	mg/l			1.2 J	0.87 J	2.2	2
Selenium	mg/l	0.01		0.05 U	0.05 U	0.05 U	0.05 U
Silver	mg/l	0.05		0.01 U	0.01 U	0.01 U	0.01 U
Sodium	mg/l	20		150	170	28	27
Thallium	mg/l	0.0005		0.05 U	0.05 U	0.05 U	0.05 U
Vanadium	mg/l			0.01 U	0.01 U	0.01 U	0.01 U
Zinc	mg/l	2		0.01 U	0.01 U	0.01 U	0.01 U
Mercury	mg/l	0.0007		0.0001 U	0.0001 U	0.0001 U	0.0001 U
SVOCs							
2,4-Dinitrophenol	ug/l	1		10 UJ	10 U	9.6 UJ	10 U
Aniline	ug/l	5		5.1 U	5.1 UJ	4.8 U	5.2 UJ
Benzidine	ug/l			20 UJ	20 UJ	19 UJ	21 UJ
Benzoic Acid	ug/l			10 UJ	10 U	9.6 UJ	10 U
Di-N-Octylphthalate	ug/l	50		10 U	10 UJ	9.6 U	10 UJ
Hexachlorobutadiene	ug/l	0.5		10 UJ	10 UJ	9.6 UJ	10 UJ
Hexachlorocyclopentadiene	ug/l	5		10 UJ	10 UJ	9.6 UJ	10 UJ
Hexachloroethane	ug/l	5		10 UJ	10 UJ	9.6 UJ	10 UJ
N-Nitrosodimethylamine	ug/l			10 UJ	10 U	9.6 UJ	10 U
Pentachlorophenol	ug/l	1		10 UJ	10 U	9.6 UJ	10 U
Pyridine	ug/l			5.1 UJ	5.1 U	4.8 U	5.2 U
1,4-Dioxane (P-Dioxane)	ug/l		1	0.21 U	0.2 U	0.33 J	0.2 UJ
VOCs							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5		1 U	1 U	1 UJ	1 UJ
1,1-Dichloroethene	ug/l	5		1 U	1 U	1 UJ	1 UJ
1,2-Dibromo-3-Chloropropane	ug/l			5 UJ	5 U	5 UJ	5 UJ
1,4-Dioxane (P-Dioxane)	ug/l		1	50 U	50 U	50 UJ	50 UJ
2,2-Dichloropropane	ug/l			1 UJ	1 U	1 UJ	1 UJ
Acetone	ug/l	50		50 U	50 U	50 UJ	50 UJ
Bromoform	ug/l	50		1 UJ	1 UJ	1 U	1 U
Carbon Disulfide	ug/l	60		5 U	5 U	5 UJ	5 UJ
Chloromethane	ug/l	5		2 UJ	2 UJ	2 U	2 U
Diethyl Ether (Ethyl Ether)	ug/l			2 U	2 U	2 UJ	2 UJ
Methyl Acetate	ug/l			1 UJ	1 U	1 UJ	1 UJ
Methylene Chloride	ug/l	5		5 U	0.51 J	0.42 J	5 U
Naphthalene	ug/l	10		2 U	2 U	2 UJ	2 UJ
Tert-Butyl Alcohol	ug/l			20 UJ	20 U	20 UJ	20 UJ
Trans-1,4-Dichloro-2-Butene	ug/l			2 U	2 UJ	2 UJ	2 UJ
Trichlorofluoromethane	ug/l			2 U	2 U	2 UJ	2 UJ
PFAS							
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	ng/l			2 UJ	1.9 U	1.9 U	2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	ng/l			2 U	1.9 U	45 J	27 J
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.3	2.7	1.9 U	2 U
Perfluorobutanoic Acid	ng/l			1.6 J	2.2	1.9 U	2 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.89 J	0.81 J	1.9 U	2 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2 U	1.9 U	4.1 J	2.5 J
Perfluorohexanoic acid (PFHxA)	ng/l			1.3 J	1.2 J	1.9 U	2 U
Perfluorooctanesulfonic acid (PFOS)	ng/l		10	1.9 J	1.9 U	1.4 J	0.95 J
Perfluorooctanoic acid (PFOA)	ng/l		10	1.4 J	1.2 J	1.9 U	2 U
Perfluoropentanoic Acid (PFPeA)	ng/l			1.8 J	2.1	1.9 U	2 U
TPH							
Sgt Hem (Oil And Grease - Nonpolar)	mg/l			1.4 U	1.1 J	1 J	1.4 U
Herbicides (No Detections)							
Pesticides (No Detections)							
PCBs (No Detections)							

Notes:

¹NYSDEC Groundwater Standards and Guidance Values (SGVs) obtained from the Division of Water TOGS 1.1.1. June 1998

²PFAS Guidance Values obtained from NYSDEC Sampling, Analysis, and Assessment of PFAS, November 2022.

³Maximum Contaminant Level, Section 5-1.52, Table 3, of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York.

N = normal sample; FD = field duplicate

mg/l= milligrams per liter; ug/l= micrograms per liter; ng/l = nanograms per liter

U = Not Detected; J = estimated at the value given; UJ = Estimated and not detected at the value given

Value exceeds Class GA groundwater quality standard.

Value exceeds the NYS MCL standard

Table 5
Centerway Pedestrian Bridge Approach
Site Characterization Report
Groundwater Analytical Summary - Exceedance Ranges

Compound	Units	SGV/MCL	Value	N > SGV/MCL	Range > SGV/MCL	Sample Locations
Metals - Groundwater						
Sodium	mg/L	Class GA AWQSGV	20	3	27 to 170	CPB-MW-01 CPB-MW-02 CPB-MW-03

Notes:

SGV/MCL = TOGS 1.1.1 Class GA Groundwater Quality Standards and Guidance Values or NYCRR Title 10 Subpart 5-1 Maximum Contaminant Levels
Value = SGV/MCL screening value concentration
N > SGV/MCL = number of samples with concentrations greater than the SGV/MCL screening value concentration
Range > SGV/MCL = range (minimum to maximum) of sample concentrations exceeding the SGV/MCL concentration

FIGURES

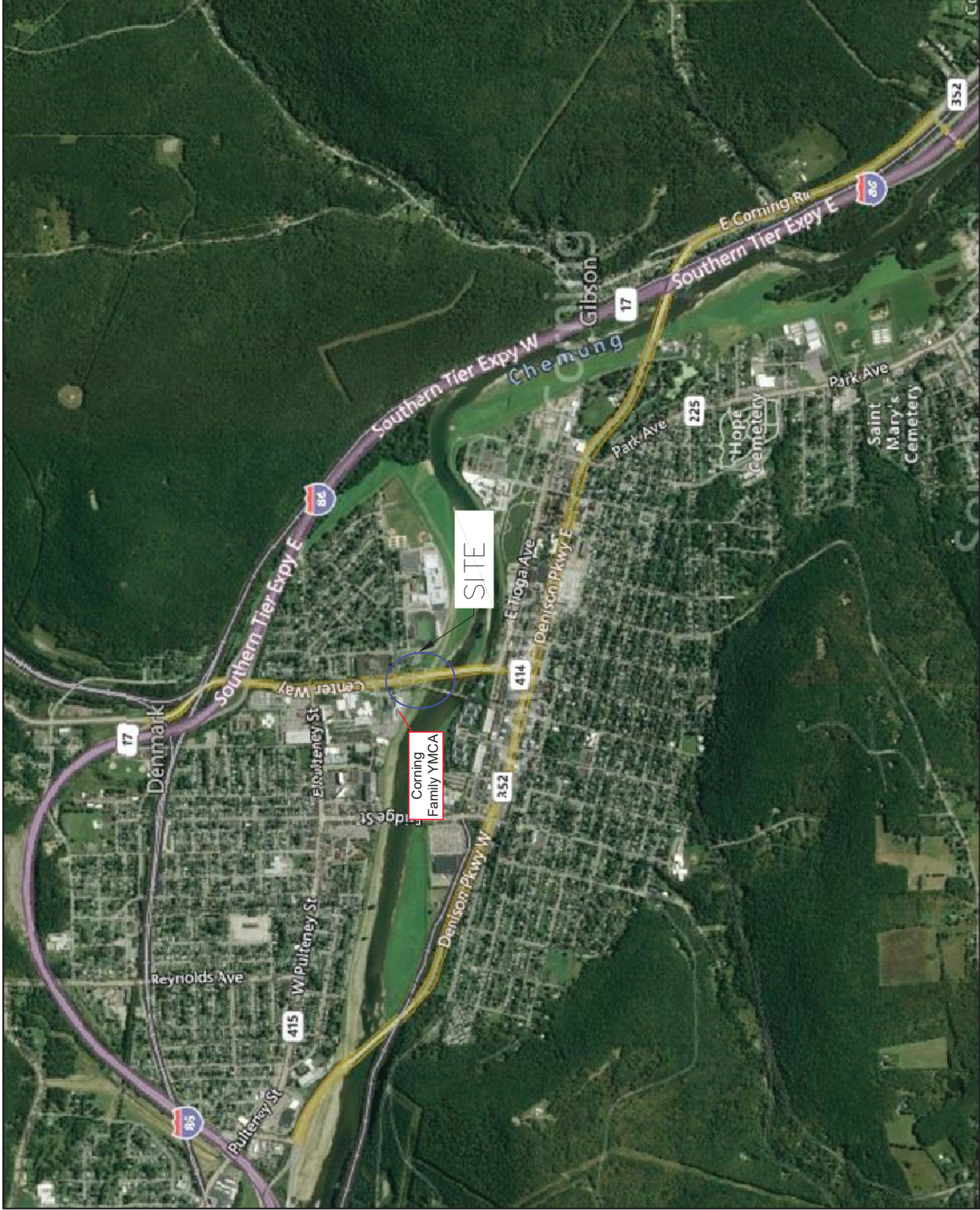


FIGURE 1

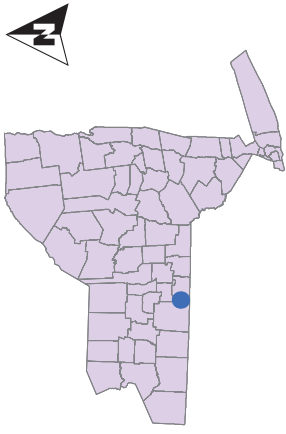
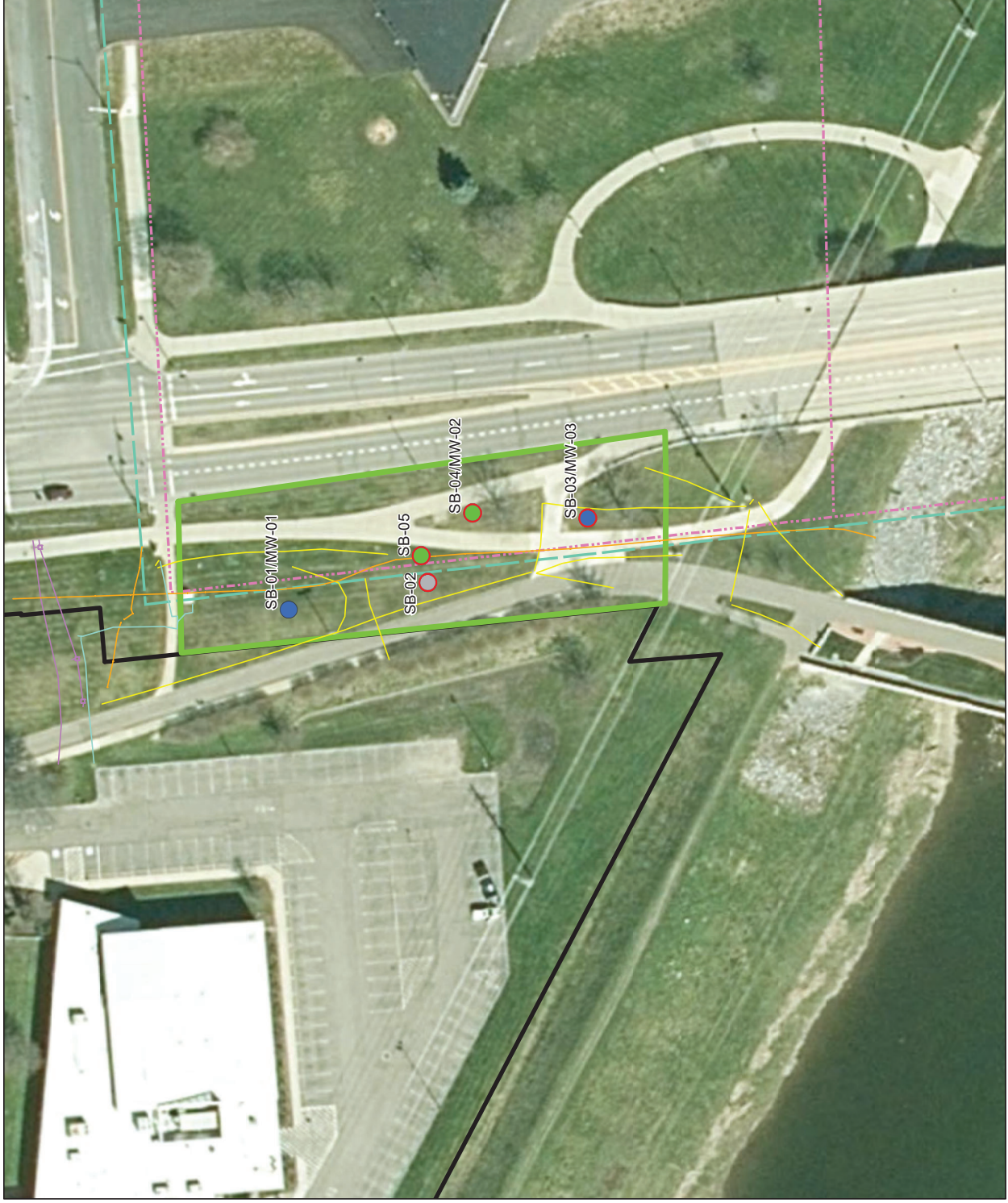


CENTERWAY PEDESTRIAN BRIDGE APPROACH
SITE CHARACTERIZATION

SITE LOCATION MAP

PARSONS

307 PLANNED ROAD, SUITE 350, SYRACUSE, NY 13212 • 315-451-9890



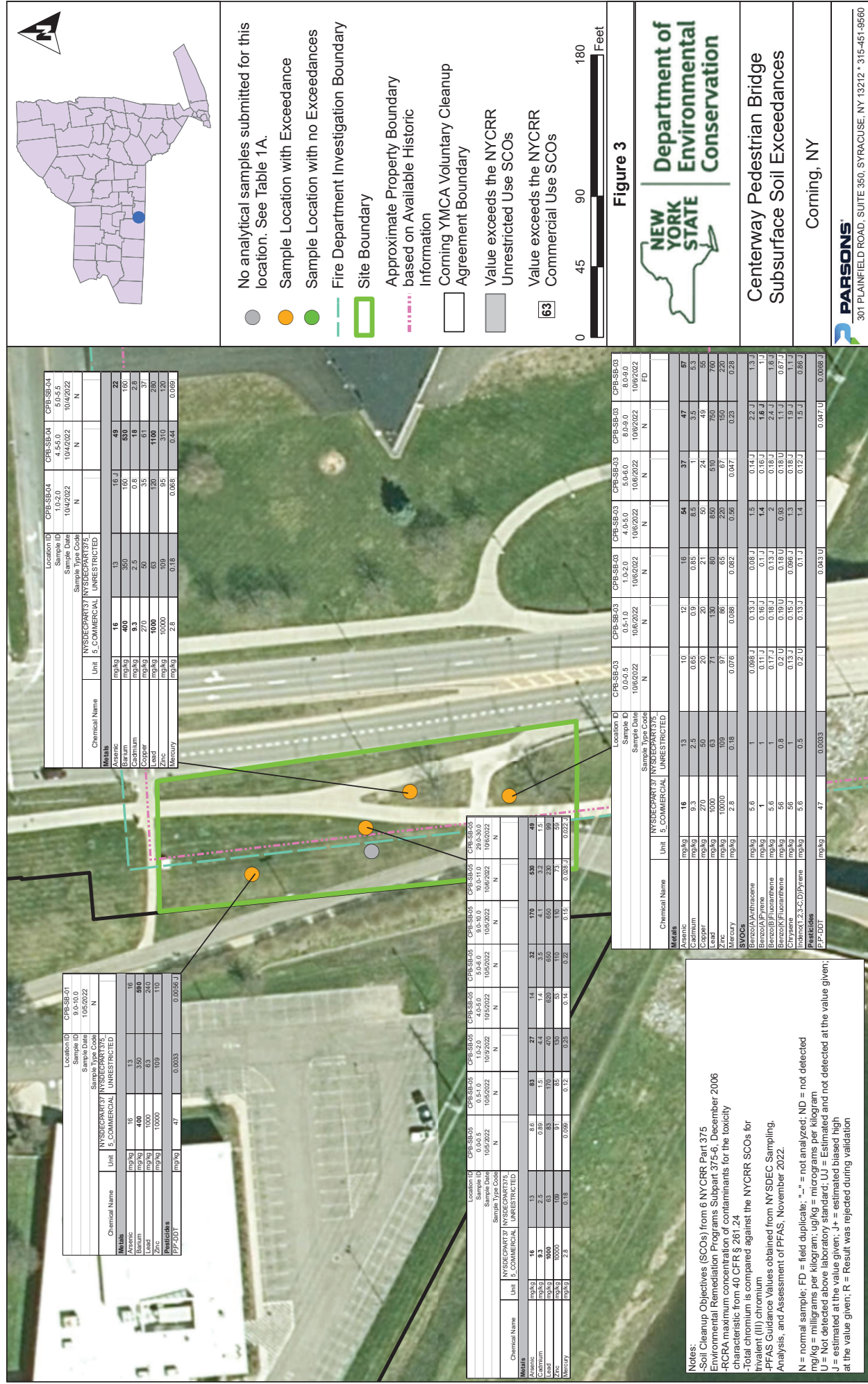
- Locations where fill was Located
 - Location only handcleared to 5.0 ft bgs. See Table 1A
 - Soil Boring Location
 - Soil Boring/Monitoring Well Locations
 - Underground Sewer
 - Underground Water
 - Underground Telephone
 - Underground Electric
 - Underground Gas
 - Site Boundary
 - Fire Department Investigation Boundary
 - Approximate Property Boundary based on Available Historic Information
 - Coming YMCA Voluntary Cleanup Agreement Boundary
- 0 45 90 180 Feet

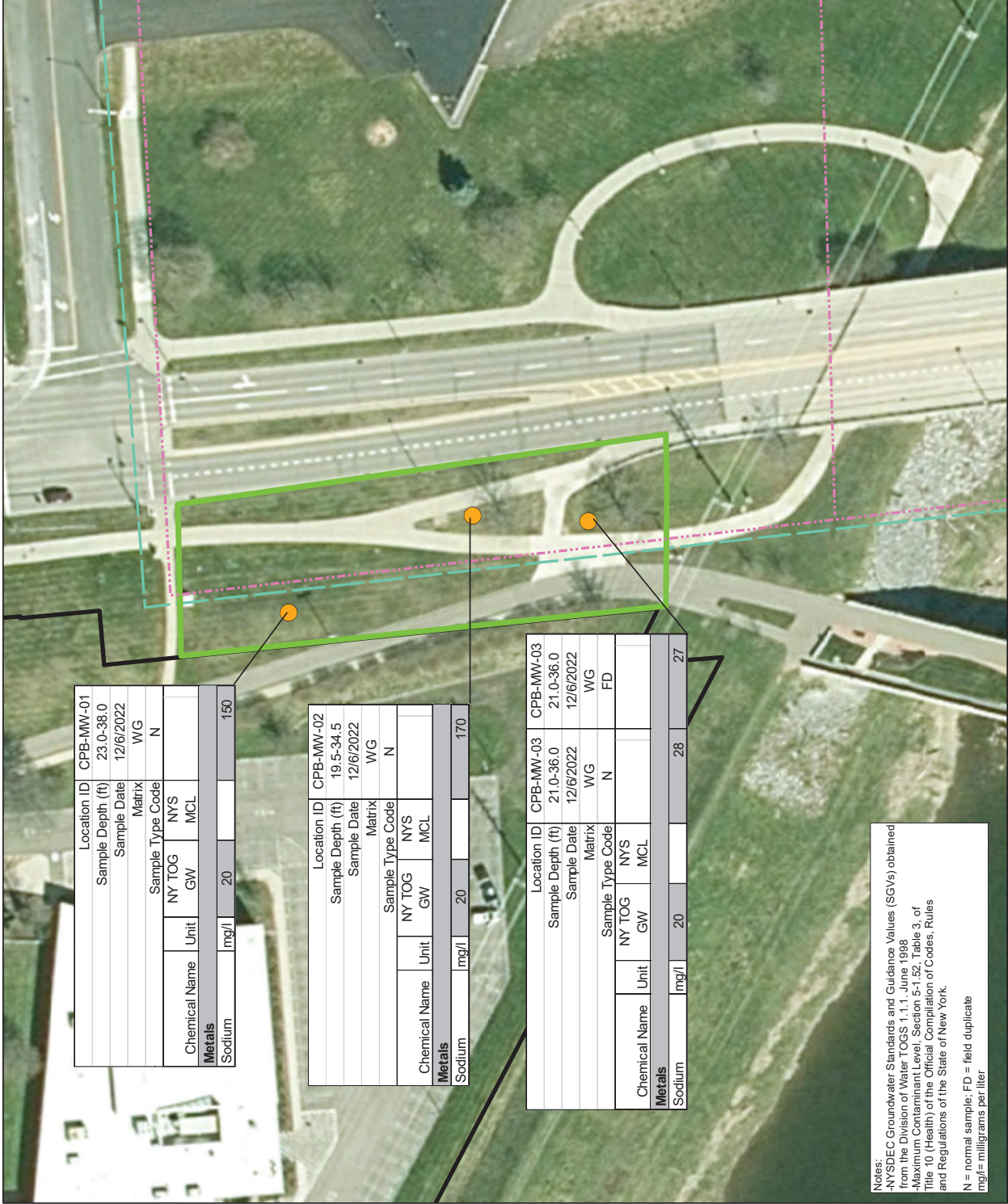
Figure 2

Centerway Pedestrian Bridge
Site Plan and As-Built Locations

Corning, NY

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



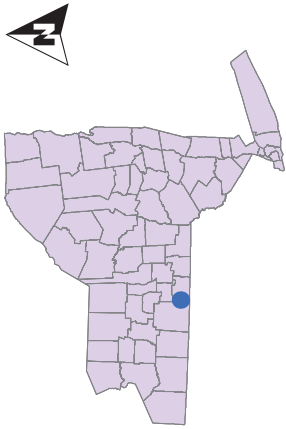


		Location ID		CPB-MW-01	
		Sample Depth (ft)		23.0-38.0	
		Sample Date		12/6/2022	
		Matrix		WG	
		Sample Type Code		N	
Chemical Name	Unit	NY TOG	NYS		
		GW	MCL		
Metals		mg/l		20	150
Sodium					

		Location ID		CPB-MW-02	
		Sample Depth (ft)		19.5-34.5	
		Sample Date		12/6/2022	
		Matrix		WG	
		Sample Type Code		N	
Chemical Name	Unit	NY TOG	NYS		
		GW	MCL		
Metals		mg/l		20	170
Sodium					

		Location ID		CPB-MW-03	
		Sample Depth (ft)		21.0-36.0	
		Sample Date		12/6/2022	
		Matrix		WG	
		Sample Type Code		N	
Chemical Name	Unit	NY TOG	NYS		
		GW	MCL		
Metals		mg/l		20	27
Sodium					

Notes:
-NYSDEC Groundwater Standards and Guidance Values (SGVs) obtained from the Division of Water TOGS 1.1.1, June 1998
-Maximum Contaminant Level, Section 5-1.52, Table 3, of Title 10 (Health) of the Official Compilation of Codes, Rules and Regulations of the State of New York.
N = normal sample; FD = field duplicate
mg/l = milligrams per liter



- Sample Location with Exceedance
- Site Boundary
- Fire Department Investigation Boundary
- Approximate Property Boundary based on Available Historic Information
- Corning YMCA Voluntary Cleanup Agreement Boundary
- Value exceeds Class GA groundwater quality standard.
- Value exceeds the NYS MCL standard



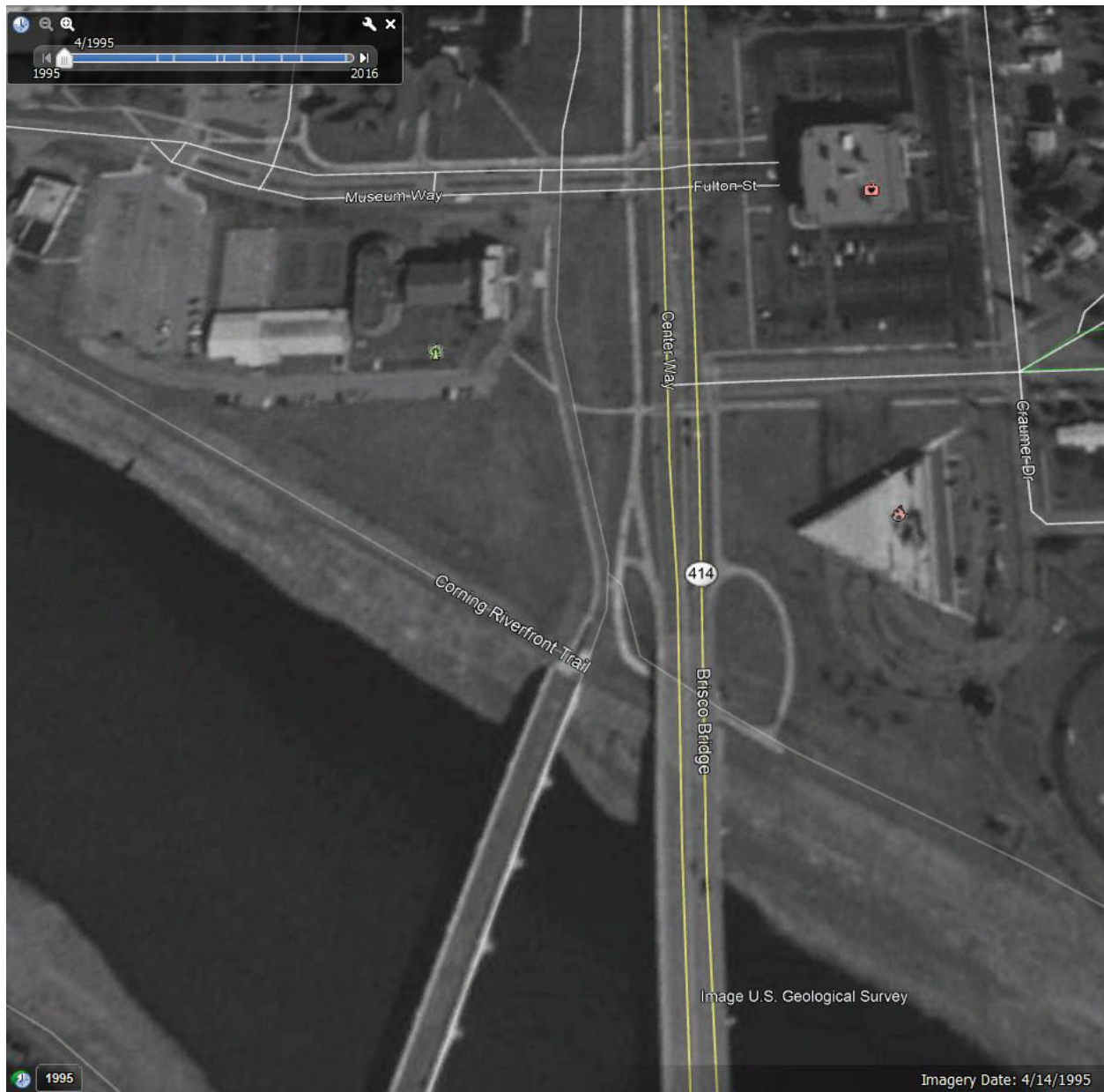
Figure 4

Centerway Pedestrian Bridge
Groundwater Exceedances

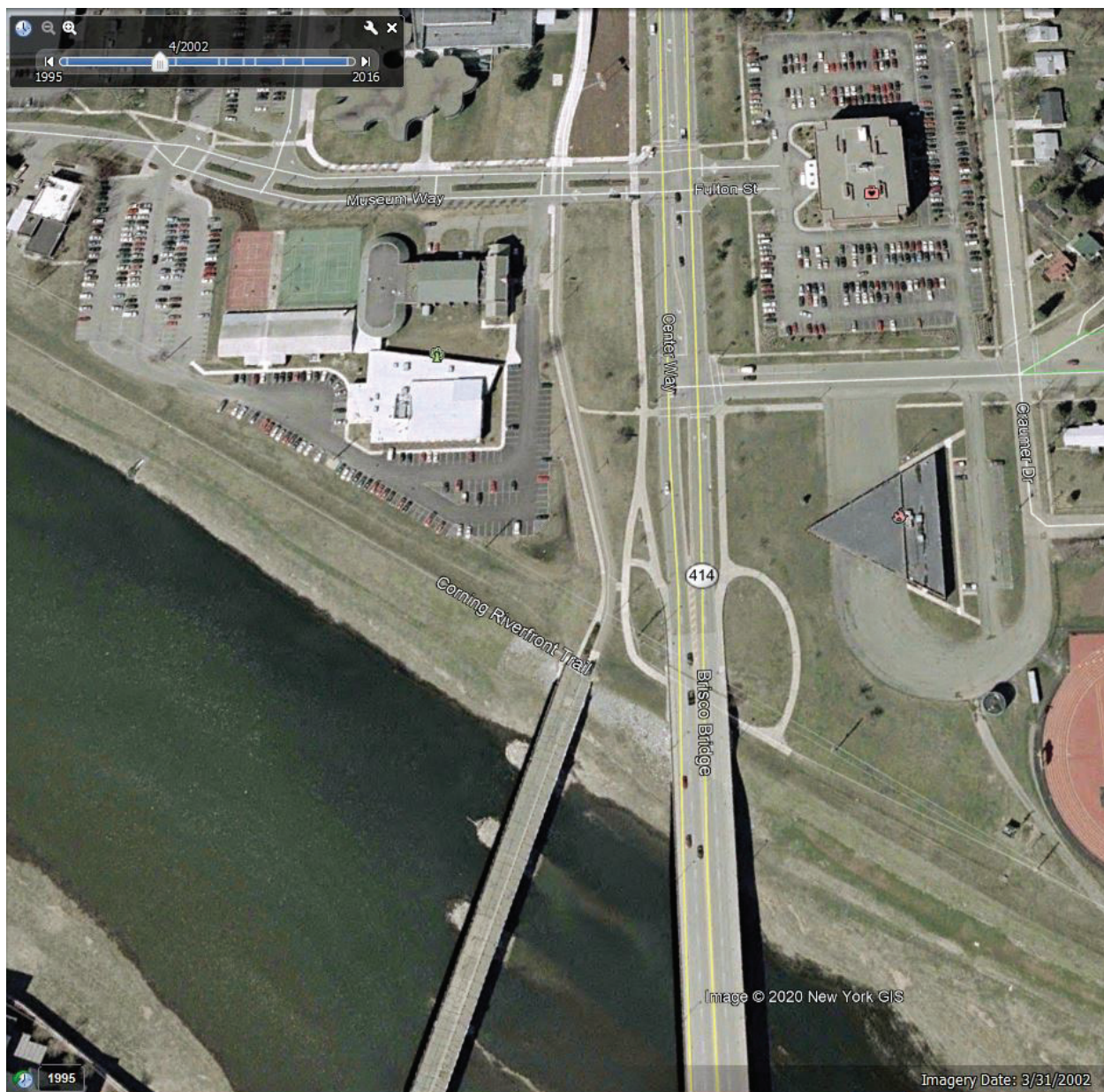
Corning, NY

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

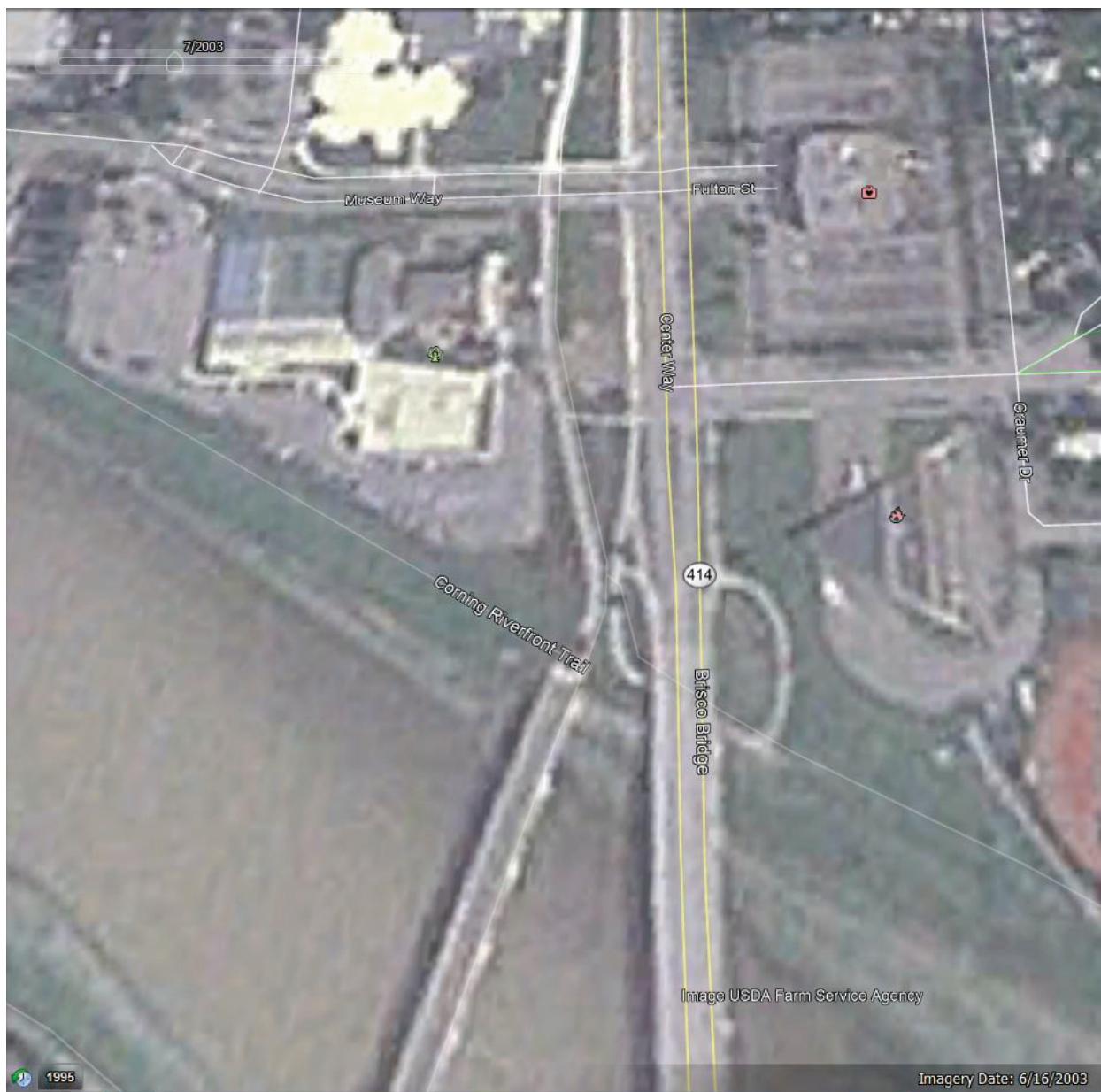
APPENDIX A AERIAL PHOTOGRAPHS



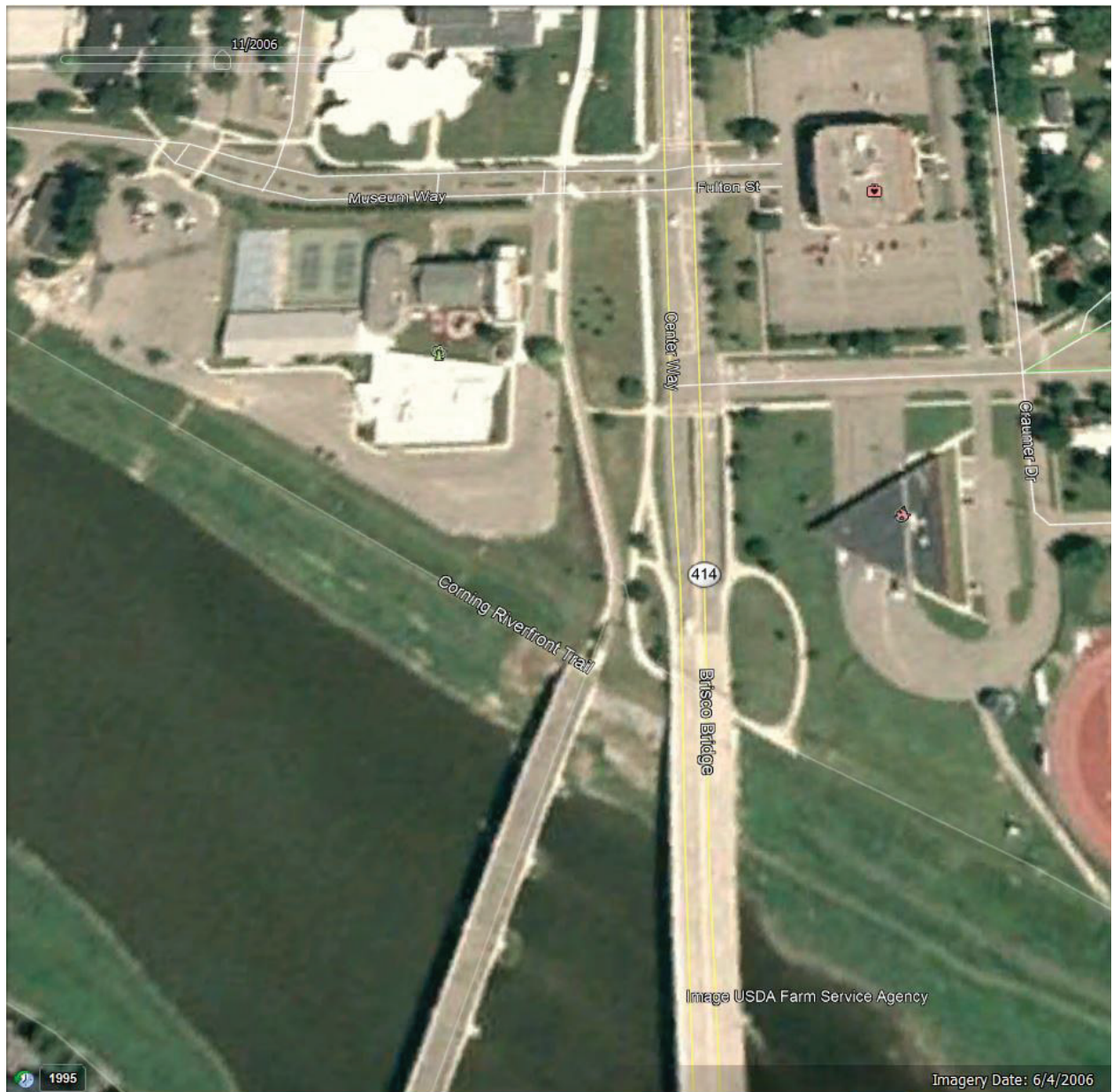
Google Earth Pro, 1995



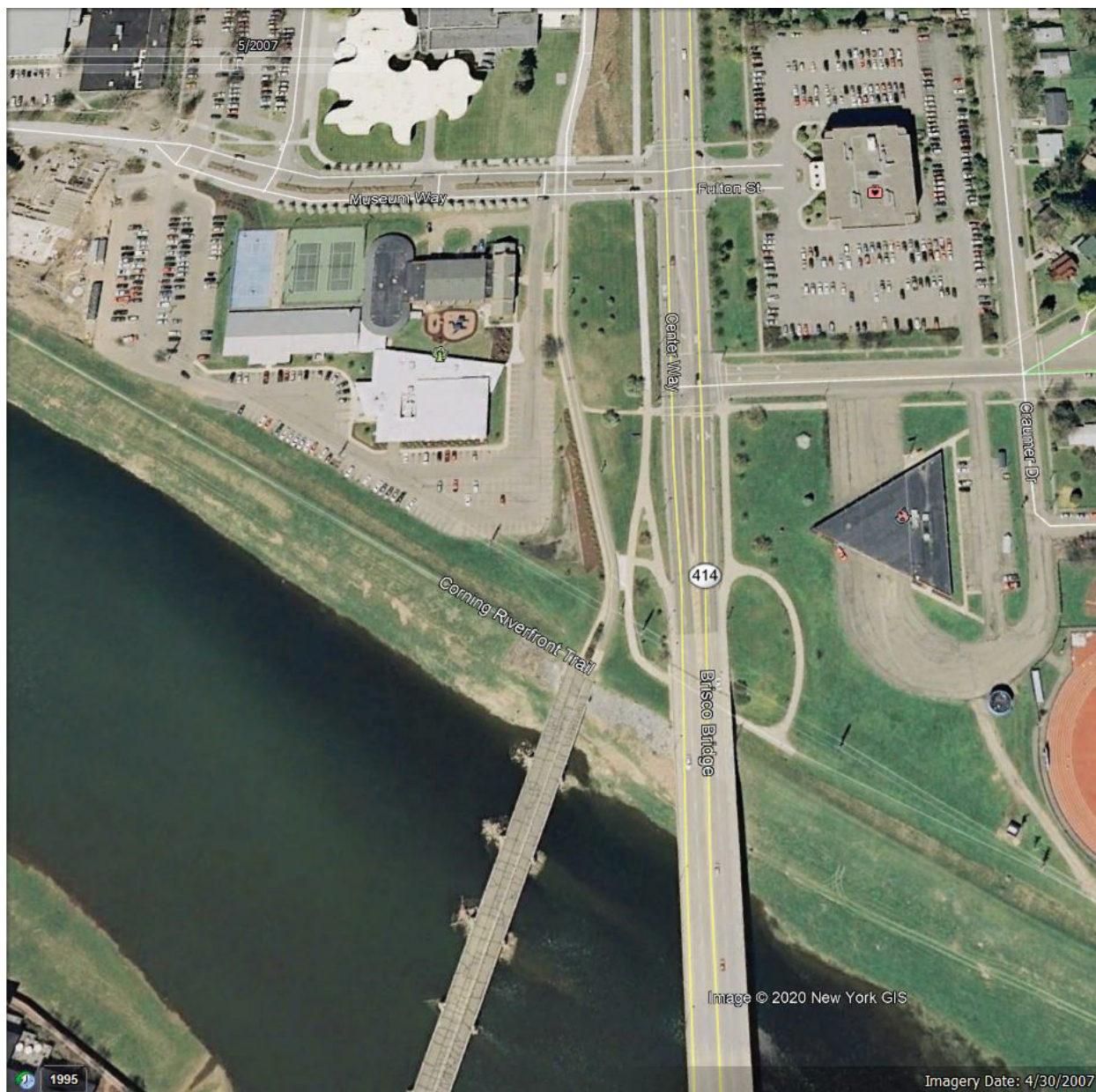
Google Earth Pro, 2002



Google Earth Pro, 2003



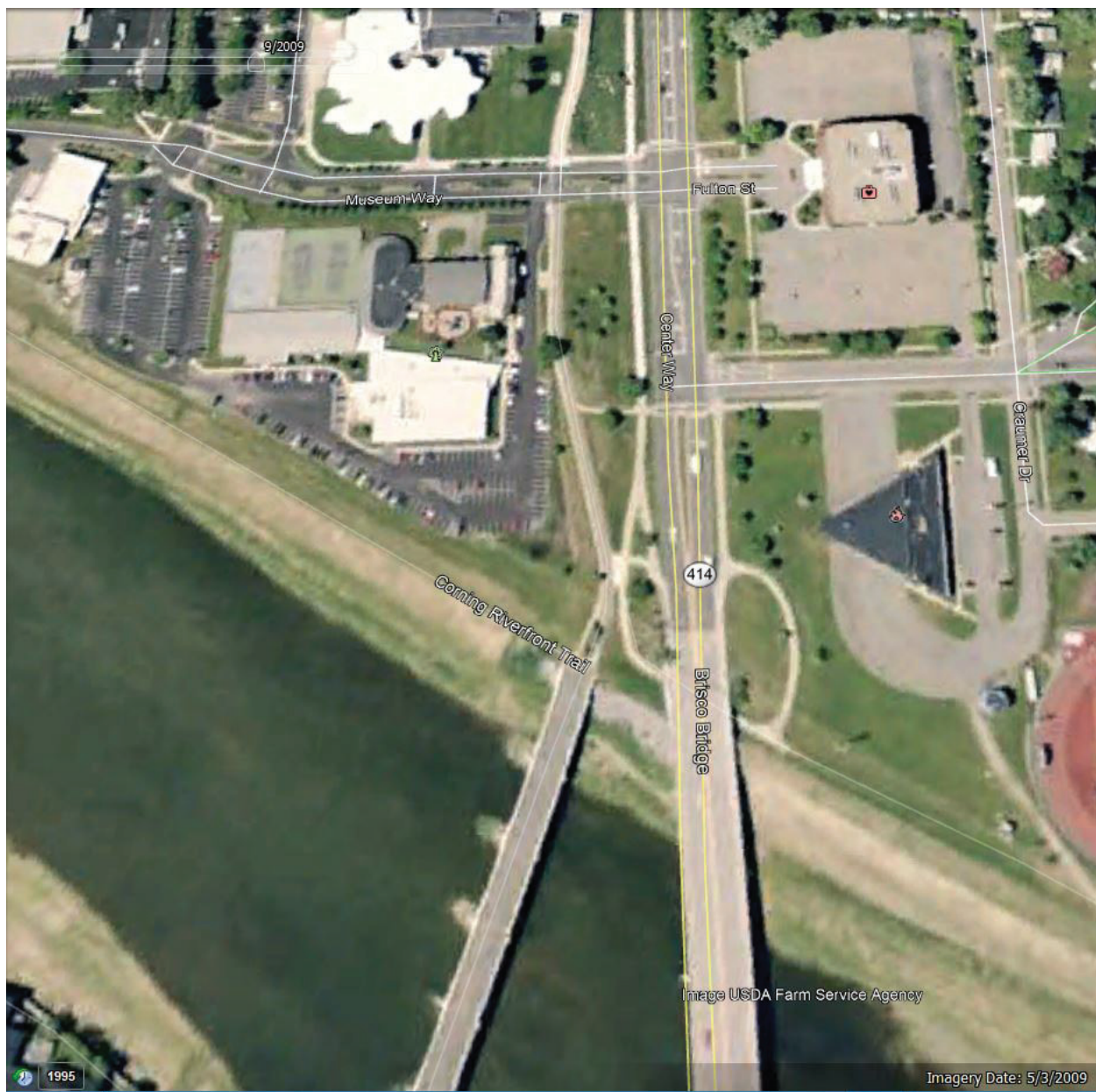
Google Earth Pro, 2006



Google Earth Pro, 2007



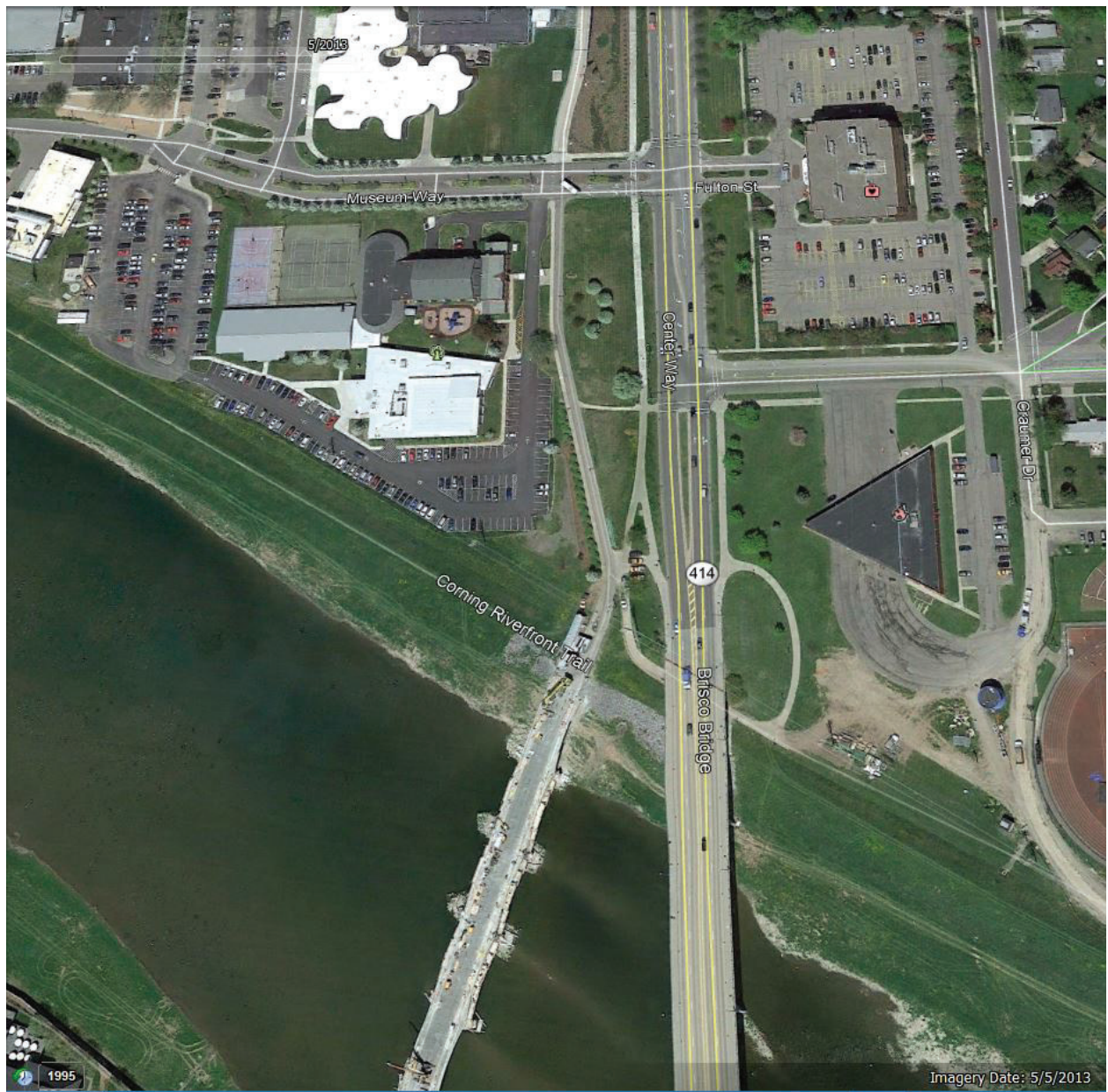
Google Earth Pro, 2008



Google Earth Pro, 2009



Google Earth Pro, 2011



Google Earth Pro, 2013



Google Earth Pro, 2016

APPENDIX B WASTE SUMMARY – INDUSTRIAL WASTES IN CORNING, NEW YORK

WASTE SUMMARY

INDUSTRIAL WASTES IN CORNING, NEW YORK

Purpose

This document is a resource for field personnel to distinguish industrial waste historically produced by former glass manufacturing companies from potentially other waste types encountered in the City of Corning, New York and surrounding area.

This informational packet describes industrial waste material containing ash, brick, and/or glass (ABG) observed in the City of Corning, New York and surrounding area. The packet lists characteristics and variations of ABG wastes. Contaminants of concern primarily include arsenic, cadmium, lead, and semi-volatile organic compounds.

ABG wastes are a concern for NYSDEC and have been identified as a potential human health hazard. A portion of the ABG encountered to date has met the definition of hazardous wastes and if encountered should be presumed to be a hazardous waste until analytical sample results demonstrate otherwise.

If public works departments, utility companies, contractors, or others encounter industrial waste material similar to material described within this informational packet, they should contact NYSDEC immediately. When contacting NYSDEC, please convey approximate locations and volumes of ABG material. Please notify NYSDEC through our engineering consultant, Parsons, using the below contact information:

- Emailing us at StudyArea.Corning@Parsons.com; or
- Calling our hotline at the toll-free number 833-770-1716.

IN SITU WASTE

Characteristics

- Has included ash, brick, and/or glass (ABG).
 - Ash colors include black, gray, orange, and white.
 - Various brick types (red construction brick, white or yellow refractory brick, puzzle piece brick (Picture 1)).
 - Various glass types, colors, and sizes.
- Generally uncompacted and loose.
- ABG has been observed in discrete layers and discontinuous throughout a soil column.
- ABG observed at various depths (from ground surface to over 10 feet below ground surface).
- Excavation areas in the Corning Study Area have sometimes been observed with mixed ash and brick with trace or no glass.
- Generally not odorous.

See Pictures 1, 2, 3, and 4



Picture 1: Primarily ash and brick in a 2-ft excavation.



Picture 2: Excavation heavily impacted with ABG.



Picture 3: Excavation heavily impacted with ABG.

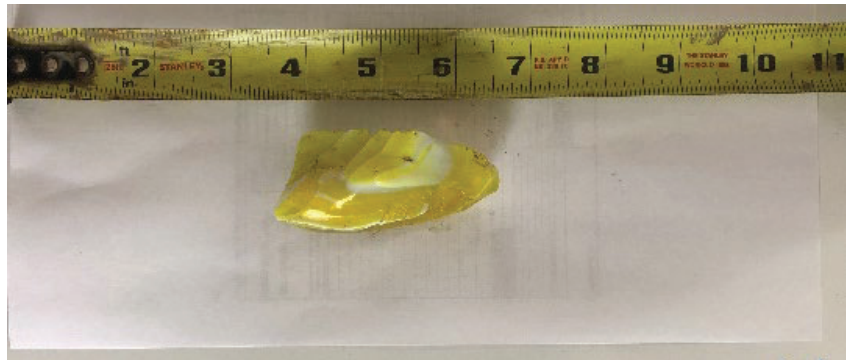


Picture 4: Test pit excavation heavily impacted with ABG.

GLASS (CULLET)

Characteristics

- Broken, fragmented, or discarded glass indiscernible from a final product.
- Sometimes air bubbles are trapped within glass media.
- Sometimes speckled or fused with other colored glass.



Picture 5: Cullet with layers of yellow and white.

Variations

- Primarily between the size of a penny and a softball but can be as large as a mailbox and as small as fine grains.
- Can be any color or combination of colors. Multi-color layered glass has been observed.
- Opacity can vary (even within the same piece).
- Can be jagged, smooth, and/or porous.
- Density varies; some lead glasses have lead oxide content upwards of 50% by weight.
- Glass may be fused to construction or refractory brick. Glass can encapsulate brick pieces.



Picture 6: Blue cullet with white specks.

See Pictures 5, 6, and 7



Picture 7: Clear spaghetti-shaped cullet.

THERMOMETER TUBING

Characteristics

- Tubing is generally smaller than 1 inch diameter. Lengths of up to 1.5 feet have been observed.
- Clear glass makes up majority of the tubing; colored glass is encased within the clear glass and extends along the length of the piece.
- Most pieces have a hollow center (called a bore) extending the length of the tubing.
 - A visible bore is a manufacturing defect. The bore is not supposed to be visible to the naked eye.



Picture 8: Piece of thermometer tubing with red and white strips.

Variations

- Observed cross-section shapes include triangular, circular, and irregular.
- Encased colored glass is usually white, red, orange, and/or yellow but can be black, green, or blue.

See Pictures 8 and 9



Picture 9: Most thermometer tubing fragments have strips of white and red glass encased in clear glass. One piece has an orange strip (top left). One piece has only a white strip (bottom right).

HOLLOW GLASS TUBING

Characteristics

- Hollow glass tubing with at least one open end.
- Generally straight with lengths from 2 inches to 12 inches.

Variations

- Various inner and outer diameters, from less than 1 millimeter to greater than 1 inch.
- Diameter can vary for an individual piece.
- Primarily clear and transparent but can be blue, orange, yellow, green, and red. Opacity varies.

See Pictures 10 and 11



Picture 10: Collection of hollow tubing.



Picture 11: Hollow tubing fragment.

GLASS FILTER RODS

Characteristics

- Unique shape with embossing “Cory Filter Rod” or “New Cory Rod” and US Patent numbers.
- Pieces usually have one broken end (side with rounded bulb shape).
- Clear or reddish-brown color.
- The center cross section is circular and rounded-square.

See Pictures 12 and 13



Picture 12: Reddish-brown Cory Filter Rod fragment.



Picture 13: Clear Cory Filter Rod fragment.

PYREX AND TRADEMARKED PRODUCTS

Characteristics

- Unique embossed or engraved logo.
 - Often just embossed as “PYREX.”
 - Embossing size varies.
- Some glass pieces have patent numbers embossed on them.
- Various manufactured glass products were branded PYREX.
- Other trademarked names include Corningware, Flameware, Nonex, Macor, Multiform, Vycor, Corelle, and Fota-Lite.

See Pictures 14 and 15



Picture 14: Pyrex baby bottle.



Picture 15: Pyrex glass cone.

SIGNAL WARE AND LENSES

Characteristics

- Glass with a light-focusing purpose (e.g., for automobile headlights or lighthouses) or magnifying purpose (e.g., for eyeglasses or cameras).
- Sometimes embossed with trademark names or magnification (e.g., Corning, +1.25).
- Thickness generally less than 2 inches.

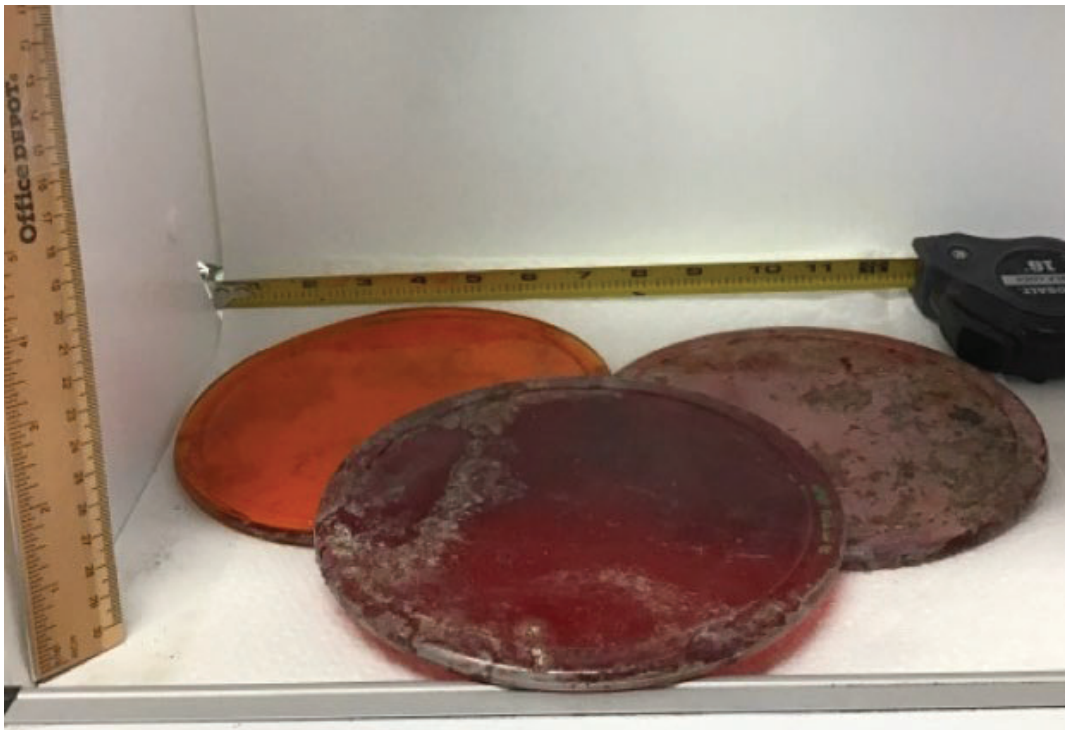
Variations

- Shapes include rounded square lenses, circular smooth dual-faced lenses (similar diameter to eyeglasses), circular smooth dual-faced lenses about ½-inch to 2-inch diameter, and circular smooth dual-faced lenses greater than 5 inches diameter.
- Lens face types:
 - Angular or prismatic horizontal grooves or furrows on a concave or convex lens face.
 - Smooth concave, convex, or flat faces.
 - Raised bubble-shape on one or both sides (like plastic bubble wrap).
- Colors include clear, pink, red, yellow, orange, green, blue, violet, or brown.

See Pictures 16, 17, and 18



Picture 16: Blue signal ware embossed with “PYREX.”



Picture 17: One orange and two red disk lenses. Each lens is embossed along the rim with "CORNING T. M. REG. U. S. PAT. OFF. MADE IN USA."



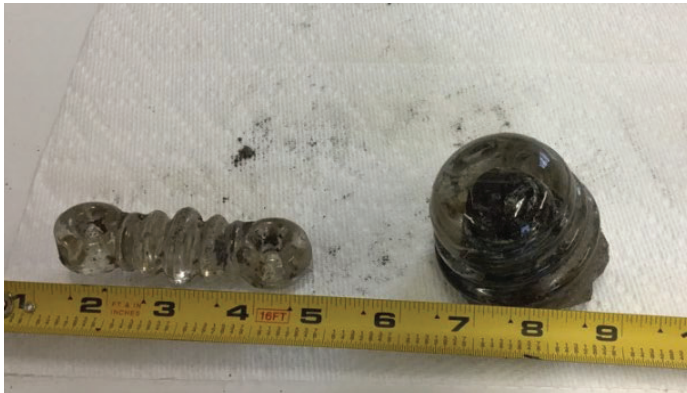
Picture 18: Green, light brown, and clear optical and ophthalmic lens blanks of various shapes.

ELECTRICAL WARE

Characteristics

- Intact or recognizable pieces are usually embossed with “PYREX” and patent number.
- Generally clear glass but may be opaque and opalescent.

See Pictures 19, 20, and 21



Picture 20: Glass radio antenna insulator (left) and insulator (right).



Picture 19: Insulator (left) and two glass fuses. “PYREX” is embossed on each piece.



Picture 21: Opalescent insulator with approximately 1-ft diameter.

URANIUM GLASS

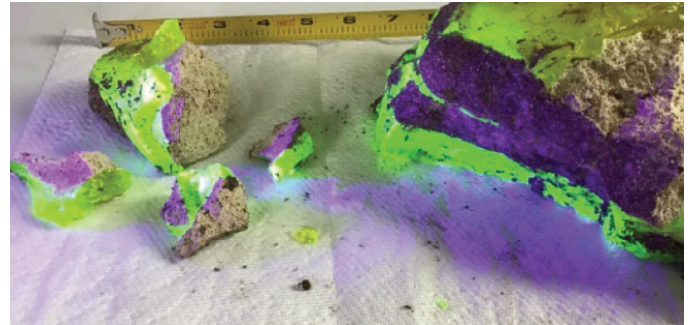
Characteristics

- Generally colored yellow, yellow-green, or green. Opacity varies.
- Fluoresces green under ultraviolet light.
- Generally observed as cullet (irregular pieces and chunks) but has been observed as hollow tubing.

See Pictures 22, 23, and 24



Picture 23: Uranium glass fused to refractory brick.



Picture 22: The glass fluoresces green under ultraviolet light.



Picture 24: Translucent yellow-green uranium glass collected from an excavation.

IN SITU WASTE (CONTINUED)

See Pictures 25 and 26



Picture 25: Comingled red brick, refractory chunks, and cullet. ABG ejected from animal burrow (circled red).



Picture 26: Comingled black ash and slag (top, along yellow gas line), cullet, refractory pieces, gray ash, and light orange ash.

SUMMARY

The waste types listed above include commonly observed industrial waste materials found in the City of Corning, New York. These waste materials may be brought to the ground surface from humans, other animals, plants, or erosive forces.

- **Human Activities:**
 - Examples include subsurface excavations, grading, utility clearing, and utility pole removal and installation
- **Bioturbation:** Reworking of soils and sediments by animals or plants.
 - Examples include burrowing animals and root growth causing subsurface material to come to the surface
- **Erosion:**
 - Examples include from surface water runoff, streams, rivers, and gravity

APPENDIX C SOIL BORING LOGS AND WELL CONSTRUCTION LOGS

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-01/MW-01
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/05/2022
CLIENT: NYSDEC	OBS. DTW: 31 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 1 of 2

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	Moist, brown SILT, some Sand, little fine Gravel, trace organics (wood and roots). [ML]										0
	Dry, loose, light brown SILT, some Sand, little medium to fine Gravel. [ML]										
			MC	1	-	-	45	0			
5											5
										ANNULAR BENTONITE SEAL (0-12 FT BGS)	
	Moist, medium stiff, dark brown SILT, some Sand, little Clay, trace fine Gravel. [ML]		MC	2	-	-	90	0		2-INCH PVC RISER (0-15 FT BGS)	
	Moist, black-stained SILT, some Sand, little fine Gravel. [ML]										
10	Moist, soft, tan SILT and Gravel, some Sand. [ML]										10
	Moist, medium stiff, dark brown SILT, trace Clay. [MH]										
	Moist, stiff, dark reddish-brown, SILT and Clay. [ML]		MC	3	-	-	100	0			
15										#00 CHOKE SAND (12-15 FT BGS)	15
	Wet, medium stiff, brown SILT, some Sand. [ML]		MC	4	-	-	95	0			
20											20



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-01/ MW-01
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/05/2022
CLIENT: NYSDEC	OBS. DTW: 31 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 2 of 2

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)
20											20
25	BOREHOLE ADVANCED TO 38 FT BGS WITH 3"-D PUSH POINT []		MC	5	-	-	90	0			25
30										#1 FILTER SAND (15-38 FT BGS)	30
35										2-INCH PVC .010 SLOT SCREEN (23-38 FT BGS)	35
40	BOREHOLE TD @ 38 FT BGS []		NR	6	-	-	0	0			40



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-03/ MW-03
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/06/2022
CLIENT: NYSDEC	OBS. DTW: 26 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 1 of 2

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PLD (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
0	Moist, stiff, brown SILT, some Sand, trace fine Gravel, trace organics (roots), no target fill. [ML]									COMPLETED WITH FLUSH MOUNTED ROAD BOX AND 2 FT CONCRETE APRON	0
	Dry, dense, light gray medium to fine GRAVEL, no target fill. [GP]										
	Dry, stiff, light brown SILT and medium to fine Gravel, some Sand, no target fill. [ML]										
			MC	1	-	-	75	0			
	Moist, stiff, black SILT, some Sand, target fill (glass fragments). [ML]										
5	Dry, loose, tan SAND, some Silt and fine Gravel, no target fill. [SM]									GRANULAR BENTONITE SEAL (0-12 FT BGS)	5
	Moist, stiff, dark brown with black staining SILT, some Sand, no target fill. [ML]		MC	2	-	-	100	0			
	Moist, stiff, reddish brown SILT, some Sand, little fine Gravel, no target fill. [ML]										
10	Moist, stiff, reddish brown SAND, some Silt, trace fine Gravel, no target fill. [SM]									2-INCH PVC RISER (0-21 FT BGS)	10
			MC	3	-	-	100	0			
										#00 CHOKE SAND (12-14 FT BGS)	
15	Moist, soft, reddish tan SILT, some Sand, no target fill. [ML]										15
			MC	4	-	-	100	0			
20											20



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-03/ MW-03
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/06/2022
CLIENT: NYSDEC	OBS. DTW: 26 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 2 of 2

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PLD (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
20											20
			MC	5	-	-	100	0			
	Wet, soft, reddish tan SILT, some Sand, no target fill. [ML]										
25											25
			MC	6	-	-	100	0			
	Wet, dense medium to fine GRAVEL, some Silt, little Sand. [GP]										
30											30
	BOREHOLE ADVANCED TO 36 FT BGS WITH 3"-D PUSH POINT []										
			NR	7	-	-	0	0			
35											35
	BOREHOLE TD @ 36 FT BGS []										
40											40



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-04/ MW-02
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/04/2022
CLIENT: NYSDEC	OBS. DTW: 26 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 1 of 2

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PLD (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
0	Moist, loose, brown SILT, some Sand, little fine Gravel, no target fill. [ML]									COMPLETED WITH FLUSH MOUNTED ROAD BOX WITH 2 FT CONCRETE APRON	0
	Moist, loose, gray-brown SILT and coarse to fine Gravel, some Sand, no target fill. [ML]		MC	1	-	-	60	0			
	Moist, stiff, reddish-brown SILT, some Sand, black staining from 4.5-4.75 FT BGS, target fill (glass) 4.75-5 FT BGS. [ML]										
5	Moist, stiff, reddish-brown SILT, some Sand and fine Gravel, black staining, no target fill. [ML]									GRANULAR BENTONITE SEAL (0-11 FT BGS)	5
	Moist, medium stiff, tan SILT, some Sand, little fine Gravel, no target fill. [ML]		MC	2	-	-	70	0			
10	Wet, soft, brown SILT, no target fill. [MH]									1-INCH PVC RISER (0-19.5 FT BGS)	10
			MC	3	-	-	40	0		#00 CHOKE SAND (11-14 FT BGS)	
15	Wet, soft, brown SILT and Clay, no target fill. [ML]										15
			MC	4	-	-	80	0			
20											20



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-04/ MW-02
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/04/2022
CLIENT: NYSDEC	OBS. DTW: 26 ft bgs	COMPLETION DATE: 10/12/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 2 of 2

Depth (ft)	STRATIGRAPHIC DESCRIPTION	MATERIAL TYPE	SAMPLE TYPE	RUN NUMBER	BLOW COUNTS	RQD	RECOVERY %	PLD (ppm)	WELL CONSTRUCTION	COMMENTS AND MONITORING WELL NOTES	Depth (ft)
20											20
	Wet, soft, tan-brown SILT, little fine Sand, no target fill. [ML]										
			MC	5	-	-	90	0			
										#1 FILTER SAND (14-34.5 FT BGS)	
25	Moist, very dense medium to fine GRAVEL, no target fill. [GP]										25
	Wet, medium stiff, tan-brown SILT, some Sand, little fine Gravel, no target fill. [ML]									1-INCH PVC .010 SLOT SCREEN (19.5-34.5 FT BGS)	
	Wet, very dense, gray-brown medium to fine GRAVEL, some Sand, no target fill. [GP]		MC	6	-	-	90	0			
30	BOREHOLE ADVANCED TO 34.5 FT BGS WITH 3"-D PUSH POINT										30
			NR	7	-	-	0	0			
35	BOREHOLE TD @ 34.5 FT BGS										35
40											40



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-05
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/05/2022
CLIENT: NYSDEC	OBS. DTW: NM	COMPLETION DATE: 10/06/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 1 of 2

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	Moist, loose, brown SAND, some Silt, little fine Gravel, trace organics (roots), no target fill. [SM]										0
	Dry, loose GRAVEL, some Sand, white ash and brick rubble present. [GP]										
			MC	1	-	-	70	0			
	Moist, loose, SAND, some Silt, little medium to fine Gravel, black staining present, trace glass. [SM]										
5	Moist, loose, brown, Sand, some Silt and fine Gravel, no target fill. [SM]		MC	2	-	-	-	0			5
	Moist, stiff SILT, some Sand, little glass fill. [ML]										
10	Moist, medium dense, dark brown, SAND, some Silt, trace glass and brick fill. [SM]										10
	Moist, medium stiff, brown SILT, some Sand, trace fine Gravel, no target fill. [ML]		MC	3	-	-	100	0			
	Moist, soft, brown SILT, little ash fill. [ML]										
15	Moist, soft, tan-brown SILT, some Sand, no target fill. [ML]		MC	4	-	-	80	0		BACKFILLED WITH GROUT SLURRY	15
20											20



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

BOREHOLE LOG

PROJECT: Centerway Pedestrian Bridge Approach	TOC ELEV.: ft asl	BOREHOLE NO: CPB-SB-05
LOCATION: Corning, NY	GRADE ELEV.: ft asl	START DATE: 10/05/2022
CLIENT: NYSDEC	OBS. DTW: NM	COMPLETION DATE: 10/06/2022
EASTING, NORTHING (ft): ft, ft	DATUM	PAGE 2 of 2

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)
20											20
			MC	5	-	-	60	0			
25	Moist, loose, brown SILT and fine Gravel, some Silt, no target fill. [ML]										25
			MC	6	-	-	30	0			
	Wet, loose medium to fine GRAVEL, little Silt and Sand, no target fill. [GP]										
30	BOREHOLE TD @ 30 FT BGS										30
35											35
40											40



CONTRACTOR: LaBella

DRILLER: R. Hammond

OVERSIGHT: T. Horn

EQUIPMENT: GeoProbe 6610 DT

METHOD: Direct Push

BOREHOLE DIA: 3 in

APPENDIX D ARCHIVE SAMPLE LOGS

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100422-01-AG
SAMPLE LOCATION: SB-04 between 0 and 2 feet below ground surface
DATE COLLECTED: 04-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): The largest piece is approximately 1 X 0.25 X 0.25
SHAPE: Irregular
MATERIAL TYPE: Cullet and soil
COLOR: Primarily clear glass
NUMBER OF PIECES: Many pieces; unfeasible to count
OPACITY: Translucent clear glass
FRACTURE/ANGULARITY: Cullet fragments are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS:

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100422-02-AG
SAMPLE LOCATION: SB-02 between 0 and 3 feet below ground surface
DATE COLLECTED: 04-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): The largest piece is 3.5 X 1 X 0.5
SHAPE: Irregular
MATERIAL TYPE: Cullet and historic glass
COLOR: Clear cullet; clear historic glass
NUMBER OF PIECES: 9
OPACITY: Transparent and translucent
FRACTURE/ANGULARITY: Pieces are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



2022-10-04 Centerway Pedestrian Bridge Approach CPB-100422-02-AG

UV/Detail Photo



2022-10-04 Centerway Pedestrian Bridge Approach CPB-100422-02-AG

COMMENTS / MISCELLANEOUS:

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100522-01-AG
SAMPLE LOCATION: SB-05 between 0 and 5 feet below ground surface
DATE COLLECTED: 05-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): *Not measured.
SHAPE: Irregular
MATERIAL TYPE: Cullet and brick
COLOR: Clear cullet and red brick
NUMBER OF PIECES: Many pieces; unfeasible to count
OPACITY: Translucent cullet and opaque brick
FRACTURE/ANGULARITY: Pieces are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS:

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100522-02-AG
SAMPLE LOCATION: SB-05 between 9.5 and 10 feet below ground surface
DATE COLLECTED: 05-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): *Not measured.
SHAPE: Irregular
MATERIAL TYPE: Cullet
COLOR: Primarily clear
NUMBER OF PIECES: Many pieces; unfeasible to count
OPACITY: Translucent
FRACTURE/ANGULARITY: Pieces are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER:

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS:

The Sample Photo and UV/Detail Photo watermarks are incorrect; the correct sample date is 10/5/2022 and the correct sample ID is CPB-100522-02-AG.

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100522-03-AG
SAMPLE LOCATION: SB-05 between 9.5 and 10 feet below ground surface
DATE COLLECTED: 05-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): *Not measured.
SHAPE: Irregular
MATERIAL TYPE: Cullet and red brick
COLOR: Clear, blue, and light green cullet pieces; red brick
NUMBER OF PIECES: 10
OPACITY: Translucent glass and opaque brick
FRACTURE/ANGULARITY: Pieces are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: The archive sample contains 8 small glass pieces and 2 small brick pieces.

Sample Photo



2022-10-05 Centerway Pedestrian Bridge Approach CPB-100522-03-AG

UV/Detail Photo



2022-10-05 Centerway Pedestrian Bridge Approach CPB-100522-03-AG

COMMENTS / MISCELLANEOUS:

PARSONS

ARCHIVE SAMPLE RECORD

SITE NAME: Centerway Pedestrian Bridge Approach
SAMPLE ID: CPB-100622-01-AG
SAMPLE LOCATION: SB-03 between 4.5 and 5 feet below ground surface
DATE COLLECTED: 06-Oct-2022

ARCHIVE SAMPLE DESCRIPTION

APPROX. DIMENSIONS (inches): *Not measured.
SHAPE: Irregular
MATERIAL TYPE: Cullet
COLOR: Primarily clear; one blue cullet piece
NUMBER OF PIECES: Many pieces; unfeasible to count
OPACITY: Translucent
FRACTURE/ANGULARITY: Pieces are irregularly fractured.
UV/FLUORESCENCE TESTING: Does not fluoresce under UV light.
OTHER: The largest piece of cullet has bubbles entrapped within the glass.

Sample Photo



UV/Detail Photo



COMMENTS / MISCELLANEOUS:

APPENDIX E WELL DEVELOPMENT LOGS AND GROUNDWATER SAMPLING LOGS

WELL DEVELOPMENT LOG					
Date	10/20/22	Field Personnel	Tom H/Mike H	Weather	Sunny, 69
Site Name	Centerway	Contractor/Driller		Well #	MW-01
Site Location	Corning, NY	Evacuation Method		Date Installed:	

Depth to bottom (initial)	<u>37.50</u> ft.	Measurements taken from:	<u>TOC</u>
Depth to bottom (final)	<u>37.75</u> ft.	Well Diameter:	<u>1</u> in.
Depth to water (initial)	<u>31.2</u> ft.	Casing volume:	<u> </u> gal.
Depth to water (final)	<u>31.20</u> ft.	Pump setting intake:	<u>37</u> ft.

[illegible]

Total volume of water removed:		<u>20 gallons</u>	
Physical appearance at start:		Physical appearance at stop:	
Color	<u>Brown</u>	Color	<u>Brown</u>
Odor	<u>None</u>	Odor	<u>None</u>
Sheen/Free Product	<u>None</u>	Sheen/Free Product	<u>None</u>

Page 1 of 1

WELL DEVELOPMENT LOG					
Date	10/20/22	Field Personnel	Tom H/Mike H	Weather	Sunny, 69
Site Name	Centerway	Contractor/Driller		Well #	MW-02
Site Location	Corning, NY	Evacuation Method		Date Installed:	

Depth to bottom (initial)	<u>34.09</u> ft.	Measurements taken from:	<u>TOC</u>
Depth to bottom (final)	<u>34.11</u> ft.	Well Diameter:	<u>1</u> in.
Depth to water (initial)	<u>26.11</u> ft.	Casing volume:	<u> </u> gal.
Depth to water (final)	<u>26.25</u> ft.	Pump setting intake:	<u>33</u> ft.

[illegible]

Total volume of water removed:		<u>20 gallons</u>	
Physical appearance at start:		Physical appearance at stop:	
Color	<u>Brown</u>	Color	<u>Lt Brown</u>
Odor	<u>None</u>	Odor	<u>None</u>
Sheen/Free Product	<u>None</u>	Sheen/Free Product	<u>None</u>

Page 1 of 1

WELL DEVELOPMENT LOG					
Date	10/20/22	Field Personnel	Tom H/Mike H	Weather	Sunny, 69
Site Name	Centerway	Contractor/Driller		Well #	MW-02
Site Location	Corning, NY	Evacuation Method		Date Installed:	

Depth to bottom (initial)	<u>36.45</u> ft.	Measurements taken from:	<u>TOC</u>
Depth to bottom (final)	<u>36.50</u> ft.	Well Diameter:	<u>1</u> in.
Depth to water (initial)	<u>28.1</u> ft.	Casing volume:	<u> </u> gal.
Depth to water (final)	<u>28.50</u> ft.	Pump setting intake:	<u>33</u> ft.

[illegible]

Total volume of water removed:		<u>30 gallons</u>	
Physical appearance at start:		Physical appearance at stop:	
Color	<u>Brown</u>	Color	<u>Brown</u>
Odor	<u>None</u>	Odor	<u>None</u>
Sheen/Free Product	<u>None</u>	Sheen/Free Product	<u>None</u>

Page 1 of 1

Low Flow Ground Water Sampling Log

Date	12/06/22	Personnel	Mike Hayes	Weather	Cloudy 46 F
Site Name	Centerway	Evacuation Method	Peri Pump	Well #	MW-02
Site Location	Corning, NY	Sampling Method	Low Flow	Project #	452364-02000

Well information:

Depth of Well	34.7 ft.	*Measurements taken from: <table border="1"> <tr> <td>x</td> <td>Top of Well Casing</td> </tr> <tr> <td></td> <td>Top of Protective Casing</td> </tr> <tr> <td></td> <td>(Other, Specify)</td> </tr> </table>	x	Top of Well Casing		Top of Protective Casing		(Other, Specify)
x	Top of Well Casing							
	Top of Protective Casing							
	(Other, Specify)							
Depth to Water	24.75 ft.							
H _{wc}	9.95 ft.							
Depth to Intake	30 ft.							

Start Purge Time: 1300

[illegible]

End Purge Time: 1350

Water Sample

Time Collected:	1400	Total volume of purged water removed:	1.98 (gallons)
-----------------	------	---------------------------------------	----------------

Physical appearance at start:	Physical appearance at start:
Color <u>Cloudy</u>	Color <u>clear</u>
Odor <u>None</u>	Odor <u>None</u>
Sheen/Free Product <u>None</u>	Sheen/Free Product <u>None</u>

Samples:	(See list of parameters collected below)
	CPB-MW-02-2022-12-06

Sample	Container Type	# Collected	Field Filtered	Preservative	Container pH
Alkalinity	125 mL Plastic	1	no	none	-
Ammonia/COD	250 mL Plastic	1	no	H2SO4	-
PAHs + 1,4-Dioxane	1 L Amber	2	no	none	-
Chl/Tds/Bro/SO4	60 mL Plastic	1	no	none	-
TOC	40 mL Glass	2	no	HCl	-
TDS	500 mL Plastic	1	no	none	-
VOCs	40 mL Glass	3	no	HCl	-
Mod. Bsln Metals / Hardness	250 mL Plastic	2	no	HNO3	-
PFAS	250 mL Plastic	2	no	none	-
PAHs	250 mL Amber	2	no	none	-

Low Flow Ground Water Sampling Log

Date	12/06/22	Personnel	Mike Hayes	Weather	Cloudy 43 F
Site Name	Centerway	Evacuation Method	Peri Pump	Well #	MW-03
Site Location	Corning, NY	Sampling Method	Low Flow	Project #	452364-02000

Well information:

Depth of Well	36.41 ft.	*Measurements taken from: <table border="1"> <tr> <td>x</td> <td>Top of Well Casing</td> </tr> <tr> <td></td> <td>Top of Protective Casing</td> </tr> <tr> <td></td> <td>(Other, Specify)</td> </tr> </table>	x	Top of Well Casing		Top of Protective Casing		(Other, Specify)
x	Top of Well Casing							
	Top of Protective Casing							
	(Other, Specify)							
Depth to Water	26.86 ft.							
H _{wc}	9.55 ft.							
Depth to Intake	30 ft.							

Start Purge Time: 0850

[illegible]

End Purge Time: 0930

Water Sample

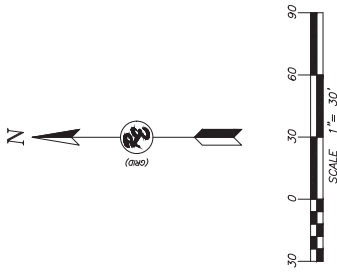
Time Collected: 0935 Total volume of purged water removed: 0.356 (gallons)

Physical appearance at start:	Physical appearance at start:
Color <u>Clear</u>	Color <u>clear</u>
Odor <u>None</u>	Odor <u>None</u>
Sheen/Free Product <u>None</u>	Sheen/Free Product <u>None</u>

Samples:	(See list of parameters collected below)
	CPB-MW-03-2022-12-06

Sample	Container Type	# Collected	Field Filtered	Preservative	Container pH
Alkalinity	125 mL Plastic	1	no	none	-
Ammonia/COD	250 mL Plastic	1	no	H2SO4	-
PAHs + 1,4-Dioxane	1 L Amber	2	no	none	-
Chl/Tds/Bro/SO4	60 mL Plastic	1	no	none	-
TOC	40 mL Glass	2	no	HCl	-
TDS	500 mL Plastic	1	no	none	-
VOCs	40 mL Glass	3	no	HCl	-
Mod. Bsln Metals / Hardness	250 mL Plastic	2	no	HNO3	-
PFAS	250 mL Plastic	2	no	none	-
PAHs	250 mL Amber	2	no	none	-

APPENDIX F TOPOGRAPHICAL SURVEY

[illegible]

Centerway Ped Bridge Location				
Boring Holes				
	North	East	Flow	Description
5000	782747.49	692794.42	934.22	NW-02*
5001	782747.49	692794.53	934.17	NW-07**
5002	782821.94	692779.87	936.17	NW-01*
5003	782821.75	692779.88	936.46	NW-01**
5012	782657.61	692839.91	936.05	NW-03*
5013	782657.80	692830.05	936.33	NW-03**
5014	782720.95	692832.70	935.00	SE-05
5019	782720.91	692809.31	933.74	SE-04

* All located top of well ** All located well cover

SURVEY NOTES:

1. HORIZONTAL COORDINATE SYSTEM: N.A.D. 83(2011) N.T.S.P.C.S. CENTRAL ZONE, US FOOT.
2. VERTICAL COORDINATE SYSTEM: N.A.V.D. 88.
3. FIELD WORK COMPLETED ON APRIL 21, 2021 BY RMR ENGINEERING AND LAND SURVEYING WITH CLEAR SITE CONDITIONS WITH SUPPLEMENTAL FIELD WORK ON NOVEMBER 11, 2022 UNDER RAINY CONDITIONS.
4. UNDERGROUND UTILITIES LOCATED BY NEW YORK LEAK DETECTION (NYLD) ON APRIL 21, 2021.

CERTIFICATION

I HEREBY CERTIFY THAT I AM A LICENSED LAND SURVEYOR AND THAT I HAVE REVIEWED AND APPROVED THE INFORMATION CONTAINED ON THIS SURVEY COMPLETED ON APRIL 21, 2011 WITH SUPPLEMENTAL FIELD WORK COMPLETED ON NOVEMBER 11, 2012.

David J. Howard 1-17-2012

SIGNED: DAVID J. HOWARD, PLS REGISTRATION # 050966 DATE

SHEET 1 OF 1

ISSUE DATE: JAN. 17, 2023

PROJECT #
20-21-065

UTILITY PLAN
OF PROPERTY LOCATED AT
127 CENTER WAY
PREPARED FOR
PARSONS CORPORATION
CITY OF CORNING ~ STEUBEN COUNTY
STATE OF NEW YORK

PROJECT SURVEYOR
DAVID J. HONNICK, P.L.S.
MAPPING BY
DJH/JFF
SCALE
1" = 30'

RAVI ENGINEERING & LAND SURVEYING, P.C.
200
2110 SOUTH CLINTON AVENUE, SUITE 1
ROCHESTER, NEW YORK 14618
TEL: (585) 223-3660
FX: (585) 697-1764



COMMISSIONER OF THE
DEPARTMENT OF
EDUCATION
ALBANY, N.Y.

DATE	REVISION	O.

APPENDIX G DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

CENTERWAY PEDESTRIAN BRIDGE

SITE NUMBER 851047

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

APRIL 2023

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LIST OF ATTACHMENTS

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 Centerway Pedestrian Bridge site on October 4, 2022 through December 6, 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,
- *National Functional Guidelines for Organic Superfund Methods Data Review*, USEPA 540-R-20-005, November 2020;
- *National Functional Guidelines for Inorganic Superfund Methods Data Review*, USEPA 542-R-20-006, November 2020;
- 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 48-62 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 to two days 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, metals, TCLP metals, and TPH. 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, laboratory control sample (LCS) 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

The project 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 holding times, MS/MSD recoveries, LCS recoveries, instrument calibrations, and field duplicate precision. Certain reported results were considered unusable and qualified "R" based upon poor LCS recoveries. The reported SVOC analytical results were considered 99.7-100% complete (i.e., usable) for the project data presented by the laboratory. PARCCS requirements were met overall.

1.3.3 Pesticide, PCB, and Herbicide Organic Analysis

The project 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 holding times. 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

The project 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, instrument calibrations, and field duplicate precision. 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

The project samples were analyzed for metals and TCLP metals using the USEPA SW-846 6010D, 7470A, and 7471B analytical methods. Additionally, soil samples were analyzed for cyanide using USEPA SW-846 9014 analytical method. Certain reported results for these samples were qualified as estimated based upon MS/MSD

recoveries, LCS recoveries, and field duplicate precision; 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. The project 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 and field duplicate precision. 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) 22J0586, 22J0836, 22J1105, and 22J1487. 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 National Functional Guidelines for organic and inorganic data review, 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 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 high MS/MSD accuracy results for acrylonitrile and the high MS accuracy result for diethyl ether during the spiked analyses of sample CPB-SB-03-1.0-2.0 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 $\pm 20\%$ with the exception of dichlorodifluoromethane (-21.1%D, -

23.3%D) in the continuing calibrations associated with all soil samples. Therefore, results for this compound 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 MS/MSD precision and accuracy, LCS recoveries, initial and continuing calibrations, and field duplicate precision 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, within QC limits, and did not require qualification for designated spiked project samples with the exception of the low MS/MSD accuracy results benzidine, hexachlorocyclopentadiene, and pyridine during the spiked analyses of sample CPB-SB-04-1.0-2.0; the low MS/MSD accuracy results for aniline, benzidine, and pyridine during the spiked analyses of sample CPB-SB-01-24.0-25.0; and the low MS/MSD accuracy results for hexachlorocyclopentadiene, benzidine, and benzoic acid during the spiked analyses of sample CPB-SB-03-1.0-2.0. Therefore, results for these compounds which were nondetects were considered estimated and qualified “UJ” for the affected parent samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the LCS recoveries for benzidine (166%R, 181%R; QC limit 40-140%R), benzoic acid (4.4%R, 5.1%R; QC limit 30-130%R), 2,4-dinitrophenol (21.9%R, 16.3%R; QC limit 30-130%R), and hexachlorocyclopentadiene (13.3%R, 13.5%R; QC limit 40-140%R) associated with samples in SDG 22J0586. 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. Since LCS recoveries fell below 10% for benzoic acid, nondetected results were considered unusable and qualified “R” 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 (26.2%RSD) and 2,4-dinitrophenol (26.1%RSD) in the initial calibration associated with samples in SDG 22J0586; and benzidine (27.3%RSD), benzoic acid (23.1%RSD), and 2,4-dinitrophenol (32.8%RSD) in the initial calibration associated with samples in SDG 22J0836 except for sample with lab ID 22J0836-06. 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 $\pm 20\%$ with the exception of benzidine (-50.2%D), 2,4-dinitrophenol (-26.8%D), hexachlorocyclopentadiene (-74.2%D), bis(2-chloroisopropyl)ether (-21.7%D), hexachlorobenzene (27.7%D), and N-nitrosodimethylamine (-23.4%D) in the continuing calibration associated with samples in SDG 22J0586; benzidine (-69.4%D) and benzoic acid (27.0%D) in the continuing calibration associated with samples in SDG 22J0836 except for sample with lab ID 22J0836-06; and benzidine (-64.9%D), aniline (-23.2%D), and dibenz(a,h)anthracene (21.6%D) in the continuing calibration associated with sample with lab ID 22J0836-06 and samples in SDG 22J1105. Therefore, results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for all positive results associated with sample CPB-SB-05-8.0-9.0 and its field duplicate CPB-SB-05-8.0-9.0-D. Therefore, these results were considered estimated and qualified “J” for the affected parent sample and field duplicate.

Usability

All semivolatile soil sample results were considered usable following data validation with the exception of certain nondetected results based upon poor LCS recoveries.

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 99.7% 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 blank contamination as discussed below.

Blank Contamination

The laboratory method blank associated with samples in SDGs 22J0836 and 22J1105 contained PCB-1260 below the reporting limit at a concentration of 0.011 mg/kg. Validation qualification was not required 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 MS/MSD precision and accuracy, LCS recoveries, and initial 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 high MS/MSD accuracy results for ADONA during the spiked analyses of sample CPB-SB-03-1.0-2.0. 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 recovery for ADONA (133%R; QC limit 55.2-122%R) associated with samples in SDGs 22J0836 and 22J1105. Validation qualification was not required for the affected samples.

Initial Calibrations

All initial calibrations were considered acceptable with maximum percent relative standard deviations (%RSDs) of 20% with the exception of PFNS (20.7%RSD) and 9Cl-PF30NS (F53B Minor) (20.8%RSD) in the initial calibration associated with samples in SDGs 22J0836 and 22J1105. Therefore, results for these compounds 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 field duplicate precision as discussed below.

Blank Contamination

The laboratory preparation blanks associated with samples in SDG 22J0586 contained zinc, calcium, iron, magnesium, TCLP cadmium, and TCLP selenium below the reporting limit at concentrations of 0.60, 3.5, 11, 2.1, 0.00087, and 0.12 ppm, respectively; the laboratory preparation blanks associated with samples in SDG 22J0836 contained copper, manganese, zinc, calcium, iron, magnesium, TCLP cadmium, TCLP selenium, TCLP barium, and TCLP chromium below the reporting limit at concentrations of 0.27, 0.095, 0.60, 3.5, 11, 2.1, 0.00087, 0.012, 0.0058, and 0.0026 ppm, respectively; and the laboratory preparation blanks associated with samples in SDG 22J1105 contained copper, manganese, zinc, TCLP barium, TCLP cadmium, and TCLP chromium

below the reporting limit at concentrations of 0.27, 0.095, 0.23, 0.0058, 0.0013, and 0.0026 ppm, 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 (23.8%R, 24%R), arsenic (1.92%R, 25.1%R), beryllium (65.0%R), and all high recoveries for TCLP analytes associated with sample CPB-SB-04-1.0-2.0; and antimony (44.7%R, 40.1%R) associated with sample associated with sample CPB-SB-03-1.0-2.0. 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 cyanide (121%R, QC limit 80-120%R) associated with samples in SDGs 22J0836 and 22J1105; and TCLP selenium (124%R) associated with samples in SDG 22J1105. Therefore, positive results for these analytes were considered estimated, possibly biased high, and qualified “J+” for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the field duplicate precision for boron and sodium associated with sample CPB-SB-03-8.0-9.0 and its field duplicate CPB-SB-03-8.0-9.0-D. Therefore, results for these analytes were considered estimated and qualified “J” for the affected parent sample and field duplicate.

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 and field duplicate precision as discussed below.

MS/MSD Recoveries

All MS/MSD recoveries were considered acceptable and within QC limits with the exception of the low MSD recovery for TPH (55.7%R; QC limit 80-120%R) associated with sample CPB-SB-03-1.0-2.0. Therefore, the TPH result was considered estimated and qualified “J” for the affected sample.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the field duplicate precision for TPH associated with sample CPB-SB-03-8.0-9.0 and its field duplicate sample CPB-SB-03-8.0-9.0-D. Therefore, the TPH results were considered estimated and qualified “J” for the affected sample and field duplicate.

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) 22L1032 and 22L1289. 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 National Function Guidelines for organic and inorganic data review, 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 surrogate recoveries, MS/MSD precision and accuracy, LCS 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 4-bromofluorobenzene (QC limit 70-130%R) in sample with lab ID 22L1289-03 (68.1%R). This sample was reanalyzed and yielded compliant surrogate recoveries. Therefore, results from the reanalysis were reported in the validated laboratory data table in Attachment A-2.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable, within QC limits, and did not warrant qualification for designated spiked project samples with the exception of the low MS/MSD accuracy results for 2,2-dichloropropane and methyl acetate during the spiked analyses of sample CPB-MW-01-2022-1206. Therefore, the results for these compounds which were nondetect 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 high LCS recoveries for chloromethane (323%R, 331%R; QC limit 40-160%R) and methyl tert-butyl ether (66.7%R, 66.8%R; QC limit 70-130%R) associated with sample with lab ID 22L1289-03; and chloroethane (137%R, 131%R; QC limit 70-130%R), trans-1,4-dichloro-2-butene (61.4%R, 60.3%R; QC limit 70-130%R), 1,1-dichloroethene (142%R, 140%R; QC limit 70-130%R), diethyl ether (141%R, 142%R; QC limit 70-130%R), trichlorofluoromethane (139%R; QC limit 70-130%R), 1,1,2-trichloro-1,2,2-trifluoroethane (142%R, 137%R; QC limit 70-130%R), 1,2-dibromo-3-chloropropane (67.9%R; QC limit 70-130%R), methyl acetate (169%R; QC limit 70-130%R), and methylene chloride (143%R; QC limit 70-130%R) associated with samples in SDG 22L1289 except sample with lab ID 22L1289-03. 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.

Blank Contamination

The QC equipment blank associated with samples in SDG 22L1289 contained acetone below the reporting limit at a concentration of 4.4 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 $\pm 20\%$ with the exception of bromoform (-23.0%D), tert-butyl alcohol (-22%D), chloromethane (41.7%D), and 1,2-dibromo-3-chloropropane (-20.9%D) in the continuing calibration associated with samples in SDG 22L1032; acetone (48.9%D), tert-butyl alcohol (-29.6%D), carbon disulfide (23.4%D), 1,2-dibromo-3-chloropropane (-31.7%D), trans-1,4-dichloro-2-butene (-41.9%D), 1,1-dichloroethene (46.2%D), 2,2-dichloropropane (-41.0%D), diethyl ether (54.6%D), 1,4-dioxane (-56.8%D), methyl acetate (31.4%D), naphthalene (-29.1%D), trichlorofluoromethane (38.1%D), and 1,1,2-trichloro-1,2,2-trifluoroethane

(41.4%D) in the continuing calibration associated with samples in SDG 22L1289 except for sample with lab ID 22L1289-03; and bromoform (-20.1%D), chloromethane (23.1%D), trans-1,4-dichloro-2-butene (-28.0%D), and methyl tert-butyl ether (-31.8%D) in the continuing calibration associated with sample with lab ID 22L1289-03. Therefore, the results for these compounds were considered estimated with positive results qualified “J” and nondetected results 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 holding times, MS/MSD precision and accuracy, LCS recoveries, initial and continuing calibrations, and field duplicate precision as discussed below.

Holding Times

The QC equipment blank exceeded the 7-day extraction holding time by 3-7 days. Therefore, results which were nondetects were considered estimated and qualified “UJ” for the affected sample.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable, within QC limits, and did not warrant qualification for designated spiked project samples with the exception of the low MS/MSD accuracy results for benzoic acid and pyridine during the spiked analyses of sample CPB-MW-01-2022-1206. Therefore, the results for these compounds which were nondetects were considered estimated and qualified “UJ” for the affected parent samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recoveries for hexachlorobutadiene (38.8%R; QC limit 40-140%R) and hexachloroethane (37.6%R, 39.9%R; QC limit 40-140%R) associated with all groundwater samples. Therefore, results for these compounds 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 percent relative standard deviations (%RSDs) of 20% with the exception of benzidine (28.7%RSD, 23.7%RSD, 26.8%RSD) in the initial calibrations 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 $\pm 20\%$ with the exception of benzidine (-72.4%D), benzoic acid (-32.2%D), 2,4-dinitrophenol (-32.5%D), hexachlorocyclopentadiene (-26.3%D), N-nitrosodimethylamine (31.6%D), and pentachlorophenol (-26.6%D) in the continuing calibration associated with samples in SDG 22L1032 and sample with lab ID 22L1289-01; and benzidine (-72.3%D), aniline (-37.8%D), di-n-octylphthalate (-24.6%D), and hexachlorocyclopentadiene (-26.4%D) in the initial calibration associated with samples with lab IDs 22L1289-02 and -03. 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 1,4-dioxane associated with sample CPB-MW-03-2022-12-06 and its field duplicate sample CPB-MW-03-2022-12-06-D. Therefore, 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 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 with the exception of holding times as discussed below.

Holding Times

The QC equipment blank exceeded the 7-day extraction holding time requirement by 3-10 days. Therefore, results which were nondetects were considered estimated and qualified "UJ" for the affected sample.

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, MS/MSD precision and accuracy, and field duplicate precision 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 surrogate recovery for M2-4:2 FTS in sample with lab ID 22L1032-01 (45%R). Therefore, the associated result which was nondetect was considered estimated and qualified "UJ" for the affected sample.

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/MSD accuracy results for N-MeFOSAA during the spiked analyses of sample CPB-MW-01-2022-1206. Validation qualification was not required for the affected parent sample.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for PFHxS and 6:2-FTS associated with sample CPB-MW-03-2022-12-06 and its field duplicate sample CPB-MW-03-2022-12-06-D. Therefore, results for these compounds were considered estimated and qualified “J” for the affected parent sample and field duplicate.

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 (Including TCLP 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 blank contamination and LCS recoveries as discussed below.

Blank Contamination

The QC equipment blank associated with the samples contained calcium, iron, magnesium, and sodium below the reporting limit at concentrations of 0.17, 0.025, 0.033, and 0.85 mg/L, respectively; the laboratory preparation blanks associated with samples in SDG 22L1032 contained arsenic, iron, TCLP arsenic, TCLP selenium, and TCLP mercury below the reporting limit at concentrations of 0.0065, 0.022, 0.0058, 0.014, and 0.000092 mg/L, respectively; and the laboratory preparation blanks associated with samples in SDG 22L1289 contained arsenic, iron, TCLP chromium, and TCLP selenium below the reporting limit at concentrations of

0.0065, 0.022, 0.0026, and 0.028 mg/L, respectively. Therefore, results for these analytes less than validation action concentrations were considered not detected and qualified “U” for the affected samples.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recoveries for TCLP selenium (121%R; QC limit 80-120%R) and TCLP silver (123%R; QC limit 80-120%R) associated with samples in SDG 22L1032; and TCLP selenium (125%R, 123%R; QC limit 80-120%R) associated with samples in SDG 22L1289. 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 compliance 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.

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

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-01 CPB-SB-01-0.0-0.5 SO 22J0836-01 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-0.5-1.0 SO 22J0836-02 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-1.0-2.0 SO 22J0836-03 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-16.0-17.0 SO 22J0836-05 22J0836 10/5/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg		8700	11000	12000	9700
6010C	Antimony	7440-36-0	NA	mg/kg		1.9U	1.8U	1.7U	2U
6010C	Arsenic	7440-38-2	NA	mg/kg		6.1	8.1	10	5.3
6010C	Arsenic	7440-38-2	TCLP	mg/l		0.05U	0.05U	0.05U	0.05U
6010C	Barium	7440-39-3	NA	mg/kg		100	130	150	75
6010C	Barium	7440-39-3	TCLP	mg/l		0.47J	0.74	0.91	0.56
6010C	Beryllium	7440-41-7	NA	mg/kg		0.44	0.44	0.44	0.44
6010C	Boron	7440-42-8	NA	mg/kg		1.6J	3.5U	3.4U	10
6010C	Cadmium	7440-43-9	NA	mg/kg		0.12J	0.35U	0.34U	0.4U
6010C	Cadmium	7440-43-9	TCLP	mg/l		0.0015J	0.0014J	0.001J	0.0026J
6010C	Calcium	7440-70-2	NA	mg/kg		1200	1500	1700	1000
6010C	Chromium, Total	7440-47-3	NA	mg/kg		11	14	15	11
6010C	Chromium, Total	7440-47-3	TCLP	mg/l		0.05U	0.05U	0.05U	0.0033J
6010C	Cobalt	7440-48-4	NA	mg/kg		8.1	9.9	10	7.3
6010C	Copper	7440-50-8	NA	mg/kg		14	30	34	12
6010C	Iron	7439-89-6	NA	mg/kg		19000	35000	37000	18000
6010C	Lead	7439-92-1	NA	mg/kg		17	13	13	9.6
6010C	Lead	7439-92-1	TCLP	mg/l		0.0034J	0.1U	0.1U	0.1U
6010C	Magnesium	7439-95-4	NA	mg/kg		3000	4200	4500	2800
6010C	Manganese	7439-96-5	NA	mg/kg		540	540	480	510
6010C	Nickel	7440-02-0	NA	mg/kg		16	21	23	16
6010C	Potassium	7440-09-7	NA	mg/kg		1100	970	1000	940
6010C	Selenium	7782-49-2	NA	mg/kg		3.8U	3.5U	3.4U	4U
6010C	Selenium	7782-49-2	TCLP	mg/l		0.05U	0.019J	0.05U	0.023J
6010C	Silver	7440-22-4	NA	mg/kg		0.38U	0.35U	0.34U	0.4U
6010C	Silver	7440-22-4	TCLP	mg/l		0.05U	0.05U	0.05U	0.05U
6010C	Sodium	7440-23-5	NA	mg/kg		190U	31J	34J	290
6010C	Thallium	7440-28-0	NA	mg/kg		1.9U	1.8U	1.7U	2U
6010C	Vanadium	7440-62-2	NA	mg/kg		12	15	16	12
6010C	Zinc	7440-66-6	NA	mg/kg		53	69	74	41
7471B	Mercury	7439-97-6	NA	mg/kg		0.042	0.024J	0.013J	0.017J
7471B	Mercury	7439-97-6	TCLP	mg/l		0.000064J	0.0001U	0.0001U	0.0001U
8081B	Alachlor	15972-60-8	NA	mg/kg				0.021U	
8081B	Aldrin	309-00-2	NA	mg/kg				0.0053U	
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg				0.0053U	
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg				0.0053U	
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg				0.0053U	
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg				0.0085U	
8081B	Chlordane	57-74-9	NA	mg/kg				0.021U	
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg				0.0053U	
8081B	Dieldrin	60-57-1	NA	mg/kg				0.0043U	
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg				0.021	
8081B	Endrin	72-20-8	NA	mg/kg				0.0085U	
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg				0.0085U	
8081B	Endrin Ketone	53494-70-5	NA	mg/kg				0.0085U	
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg				0.0021U	
8081B	Heptachlor	76-44-8	NA	mg/kg				0.0053U	
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg				0.0053U	
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg				0.0064U	

Analytical Method	Chemical Name	CAS RN	Location ID		CPB-SB-01 CPB-SB-01-0.0-0.5 SO 22J0836-01 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-0.5-1.0 SO 22J0836-02 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-1.0-2.0 SO 22J0836-03 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-16.0-17.0 SO 22J0836-05 22J0836 10/5/2022 N
			Sample ID	Matrix				
Sample Type Code	Sample Date	Sample Type Code	Lab Sample ID	SDG	Sample Type Code	Sample Date	Sample Type Code	Sample Date
8081B	Methoxychlor	72-43-5	NA				0.053 U	
8081B	P,P'-DDD	72-54-8	NA				0.0043 U	
8081B	P,P'-DDE	72-55-9	NA				0.0043 U	
8081B	P,P'-DDT	50-29-3	NA				0.0043 U	
8081B	Toxaphene	8001-35-2	NA				0.11 U	
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA				0.085 U	
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA				0.085 U	
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA				0.085 U	
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA				0.085 U	
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA				0.085 U	
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA				0.085 U	
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA				0.085 U	
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA				0.085 U	
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA				0.085 U	
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA				0.0013 U	
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA				0.0013 U	
8260C	1,1,1,2-Tetrachloroethane	79-34-5	NA				0.00065 U	
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA				0.0065 U	
8260C	1,1,2-Trichloroethane	79-00-5	NA				0.0013 U	
8260C	1,1-Dichloroethane	75-34-3	NA				0.0013 U	
8260C	1,1-Dichloroethene	75-35-4	NA				0.0026 U	
8260C	1,1-Dichloropropene	563-58-6	NA				0.0013 U	
8260C	1,2,3-Trichlorobenzene	87-61-6	NA				0.0013 U	
8260C	1,2,3-Trichloropropane	96-18-4	NA				0.0013 U	
8260C	1,2,4-Trichlorobenzene	120-82-1	NA				0.0013 U	
8260C	1,2,4-Trimethylbenzene	95-63-6	NA				0.0013 U	
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA				0.0026 U	
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA				0.00065 U	
8260C	1,2-Dichlorobenzene	95-50-1	NA				0.0013 U	
8260C	1,2-Dichloroethane	107-06-2	NA				0.0013 U	
8260C	1,2-Dichloropropane	78-87-5	NA				0.0013 U	
8260C	1,3,5-Trichlorobenzene	108-70-3	NA				0.0013 U	
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA				0.0013 U	
8260C	1,3-Dichlorobenzene	541-73-1	NA				0.0013 U	
8260C	1,3-Dichloropropane	142-28-9	NA				0.00065 U	
8260C	1,4-Dichlorobenzene	106-46-7	NA				0.0013 U	
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA				0.065 U	
8260C	2,2-Dichloropropane	594-20-7	NA				0.0013 U	
8260C	2-Chlorotoluene	95-49-8	NA				0.0013 U	
8260C	2-Hexanone	591-78-6	NA				0.013 U	
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA				0.00065 U	
8260C	4-Chlorotoluene	106-43-4	NA				0.0013 U	
8260C	Acetone	67-64-1	NA				0.0065 U	
8260C	Acrylonitrile	107-13-1	NA				0.0039 U	
8260C	Benzene	71-43-2	NA				0.0013 U	
8260C	Bromobenzene	108-86-1	NA				0.0013 U	
8260C	Bromochloromethane	74-97-5	NA				0.0013 U	
8260C	Bromodichloromethane	75-27-4	NA				0.0013 U	
8260C	Bromoform	75-25-2	NA				0.0013 U	

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-01 CPB-SB-01-0.0-0.5 SO 220836-01 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-0.5-1.0 SO 220836-02 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-1.0-2.0 SO 220836-03 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-16.0-17.0 SO 220836-05 220836 10/5/2022 N
8260C	Bromomethane	74-83-9	NA	mg/kg			0.0065 U	
8260C	Carbon Disulfide	75-15-0	NA	mg/kg			0.0065 U	
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg			0.0013 U	
8260C	Chlorobenzene	108-90-7	NA	mg/kg			0.0013 U	
8260C	Chloroethane	75-00-3	NA	mg/kg			0.0013 U	
8260C	Chloroform	67-66-3	NA	mg/kg			0.0026 U	
8260C	Chloromethane	74-87-3	NA	mg/kg			0.0065 U	
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg			0.0013 U	
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg			0.0065 U	
8260C	Cymene	99-87-6	NA	mg/kg			0.0013 U	
8260C	Dibromochloromethane	124-48-1	NA	mg/kg			0.0065 U	
8260C	Dibromomethane	74-95-3	NA	mg/kg			0.0013 U	
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg			0.013 U	
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg			0.013 U	
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg			0.0065 U	
8260C	Ethylbenzene	100-41-4	NA	mg/kg			0.0013 U	
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg			0.0013 U	
8260C	Isopropyl Ether	108-20-3	NA	mg/kg			0.0065 U	
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg			0.0013 U	
8260C	m,p-Xylene	179601-23-1	NA	mg/kg			0.0026 U	
8260C	Methyl Acetate	79-20-9	NA	mg/kg			0.0013 U	
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg			0.026 U	
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg			0.013 U	
8260C	Methylcyclohexane	108-87-2	NA	mg/kg			0.0013 U	
8260C	Methylene Chloride	75-09-2	NA	mg/kg			0.0013 U	
8260C	Naphthalene	91-20-3	NA	mg/kg			0.0026 U	
8260C	N-Butylbenzene	104-51-8	NA	mg/kg			0.0013 U	
8260C	N-Propylbenzene	103-65-1	NA	mg/kg			0.0013 U	
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg			0.0013 U	
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg			0.0013 U	
8260C	Styrene	100-42-5	NA	mg/kg			0.0013 U	
8260C	T-Butylbenzene	98-06-6	NA	mg/kg			0.0013 U	
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg			0.065 U	
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg			0.0026 U	
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg			0.0013 U	
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg			0.0065 U	
8260C	Toluene	108-88-3	NA	mg/kg			0.0013 U	
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg			0.0013 U	
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg			0.0065 U	
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg			0.0026 U	
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg			0.0013 U	
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg			0.0065 U	
8260C	Vinyl Chloride	75-01-4	NA	mg/kg			0.0065 U	
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.41 U	0.38 U	0.36 U	0.41 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-01 CPB-SB-01-0.0-0.5 SO 220836-01 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-0.5-1.0 SO 220836-02 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-1.0-2.0 SO 220836-03 220836 10/5/2022 N	CPB-SB-01 CPB-SB-01-16.0-17.0 SO 220836-05 220836 10/5/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.79UJ	0.73UJ	0.71UJ	0.81UJ
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.79U	0.73U	0.71U	0.81U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.79U	0.73U	0.71U	0.81U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.79U	0.73U	0.71U	0.81U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Aniline	62-53-3	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Anthracene	120-12-7	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Benidine	92-87-5	NA	mg/kg	0.79UJ	0.73UJ	0.71UJ	0.81UJ
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.089J	0.19U	0.18U	0.21U
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.21UJ	1.11UJ	1.11UJ	1.21UJ
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Carbazole	86-74-8	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Chrysene	218-01-9	NA	mg/kg	0.082J	0.19U	0.18U	0.21U
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.21U	0.19U	0.18U	0.21U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.41U	0.38U	0.36U	0.41U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.41U	0.38U	0.36U	0.41U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date	CPB-SB-01 CPB-SB-01-0.0-0.5 SO 22J0836-01 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-0.5-1.0 SO 22J0836-02 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-1.0-2.0 SO 22J0836-03 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-16.0-17.0 SO 22J0836-05 22J0836 10/5/2022 N
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.15J		0.19U	0.18U	
8270D	Fluorene	86-73-7	NA	mg/kg	0.2U		0.19U	0.18U	0.21U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.2U		0.19U	0.18U	0.21U
8270D	Isophorone	78-59-1	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.2U		0.19U	0.18U	0.21U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.2U		0.19U	0.18U	0.21U
8270D	Phenol	108-95-2	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
8270D	Pyrene	129-00-0	NA	mg/kg	0.12J		0.19U	0.18U	0.21U
8270D	Pyridine	110-86-1	NA	mg/kg	0.41U		0.38U	0.36U	0.41U
A2540G	Solids, Percent	SOLID	NA	%	83.6		90.1	93.6	82.4
E537	11-Chloroeicosfluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg				0.47U	
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg				0.47U	
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg				0.47U	
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg				0.47U	
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg				0.47U	
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg				0.47U	
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg				0.47U	
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg				0.47U	
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg				0.47U	
E537	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NA	ug/kg				0.47U	
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg				0.47U	
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg				0.47U	
E537	Perfluoro-1-hexanesulfonamide (HxSA)	41997-13-1	NA	ug/kg				0.47U	
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg				0.47U	
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg				0.47U	
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg				0.47U	
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg				0.47U	
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg				0.47U	
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg				0.47U	
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg				0.47U	
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg				0.47U	
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg				0.47U	
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg				0.47U	
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg				0.47U	
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg				0.47U	
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg				0.47U	
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg				0.47U	
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg				0.47U	
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg				0.47U	

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-01 CPB-SB-01-24.0-25.0 SO 22J0836-06 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-9.0-10.0 SO 22J0836-04 22J0836 10/5/2022 N	CPB-SB-03 CPB-SB-03-0.0-0.5 SO 22J1105-03 22J1105 10/6/2022 N	CPB-SB-03 CPB-SB-03-0.5-1.0 SO 22J1105-04 22J1105 10/6/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg	8600	1.8U	7500	8900	9000
6010C	Antimony	7440-36-0	NA	mg/kg			1.9U	1.9U	1.8U
6010C	Arsenic	7440-38-2	NA	mg/kg	3.2J	16	16	10	12
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05U	0.0067J	0.0067J	0.05U	0.0052J
6010C	Barium	7440-39-3	NA	mg/kg	100	590	590	98	98
6010C	Barium	7440-39-3	TCLP	mg/l	0.43J	6.7	0.36J	1	0.36J
6010C	Beryllium	7440-41-7	NA	mg/kg	0.34	0.47	0.57	0.57	0.5
6010C	Boron	7440-42-8	NA	mg/kg	2.3J	80	13	13	10
6010C	Cadmium	7440-43-9	NA	mg/kg	0.37U	2.4	0.65	2.4	0.9
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.01U	0.051	0.051	0.0027J	0.012
6010C	Calcium	7440-70-2	NA	mg/kg	1100	7500	1900	1900	8500
6010C	Chromium, Total	7440-47-3	NA	mg/kg	11	13	12	12	11
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.05U	0.004J	0.004J	0.05U	0.05U
6010C	Cobalt	7440-48-4	NA	mg/kg	6	7.5	11	11	8.5
6010C	Copper	7440-50-8	NA	mg/kg	9.1	27	20	20	20
6010C	Iron	7439-89-6	NA	mg/kg	17000	17000	22000	22000	20000
6010C	Lead	7439-92-1	NA	mg/kg	8.4	8.4	240	71	130
6010C	Lead	7439-92-1	TCLP	mg/l	0.1U	0.47	0.1U	0.1U	0.046J
6010C	Magnesium	7439-95-4	NA	mg/kg	2800	4600	2700	2700	3500
6010C	Manganese	7439-96-5	NA	mg/kg	220	480	590	520	520
6010C	Nickel	7440-02-0	NA	mg/kg	14	17	19	19	17
6010C	Potassium	7440-09-7	NA	mg/kg	780	1300	1200	1200	1100
6010C	Selenium	7782-49-2	NA	mg/kg	3.7U	3.8U	3.8U	3.8U	3.6U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05U	0.05U	0.05U	0.05U	0.025J
6010C	Silver	7440-22-4	NA	mg/kg	0.37U	0.38U	0.38U	0.38U	0.36U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05U	0.05U	0.05U	0.05U	0.05U
6010C	Sodium	7440-23-5	NA	mg/kg	120J	120J	81J	81J	100J
6010C	Thallium	7440-28-0	NA	mg/kg	1.8U	1.9U	1.9U	1.9U	1.8U
6010C	Vanadium	7440-62-2	NA	mg/kg	12	15	14	14	14
6010C	Zinc	7440-66-6	NA	mg/kg	43	110	97	97	86
7471B	Mercury	7439-97-6	NA	mg/kg	0.014J	0.13	0.0001U	0.076	0.088
7471B	Mercury	7439-97-6	TCLP	mg/l	0.00013	0.00013	0.00012	0.00012	0.00011
8081B	Alachlor	15972-60-8	NA	mg/kg			0.23U		
8081B	Aldrin	309-00-2	NA	mg/kg			0.057U		
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg			0.057U		
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg			0.057U		
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg			0.057U		
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg			0.092U		
8081B	Chlordane	57-74-9	NA	mg/kg			0.23U		
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg			0.057U		
8081B	Dieldrin	60-57-1	NA	mg/kg			0.048U		
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg			0.092U		
8081B	Endrin	72-20-8	NA	mg/kg			0.092U		
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg			0.092U		
8081B	Endrin Ketone	53494-70-5	NA	mg/kg			0.092U		
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg			0.023U		
8081B	Heptachlor	76-44-8	NA	mg/kg			0.057U		
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg			0.057U		
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg			0.069U		

Location ID											
Sample ID Matrix				CPB-SB-01				CPB-SB-03			
Lab Sample ID SDG				CPB-SB-01-24.0-25.0 SO				CPB-SB-03-0.0-0.5 SO			
Sample Date				220836 10/5/2022 N				221105 10/6/2022 N			
Sample Type Code				N				N			
Analytical Method		Chemical Name		CAS_RN	FRACTION	Unit					
8081B	Methoxychlor			72-43-5	NA	mg/kg					
8081B	P,P'-DDD			72-54-8	NA	mg/kg				0.57U	
8081B	P,P'-DDE			72-55-9	NA	mg/kg				0.046U	
8081B	P,P'-DDT			50-29-3	NA	mg/kg				0.0056U	
8081B	Toxaphene			8001-35-2	NA	mg/kg				1.1U	
8082A	PCB-1016 (Aroclor 1016)			12674-11-2	NA	mg/kg				0.092U	
8082A	PCB-1221 (Aroclor 1221)			11104-28-2	NA	mg/kg				0.092U	
8082A	PCB-1232 (Aroclor 1232)			11141-16-5	NA	mg/kg				0.092U	
8082A	PCB-1242 (Aroclor 1242)			53469-21-9	NA	mg/kg				0.092U	
8082A	PCB-1248 (Aroclor 1248)			12672-29-6	NA	mg/kg				0.092U	
8082A	PCB-1254 (Aroclor 1254)			11097-69-1	NA	mg/kg				0.092U	
8082A	PCB-1260 (Aroclor 1260)			11096-82-5	NA	mg/kg				0.092U	
8082A	PCB-1262 (Aroclor 1262)			37324-23-5	NA	mg/kg				0.092U	
8082A	PCB-1268 (Aroclor 1268)			11100-14-4	NA	mg/kg				0.092U	
8260C	1,1,1,2-Tetrachloroethane			630-20-6	NA	mg/kg				0.0016U	
8260C	1,1,1-Trichloroethane (TCA)			71-55-6	NA	mg/kg				0.0016U	
8260C	1,1,2,2-Tetrachloroethane			79-34-5	NA	mg/kg				0.00079U	
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane			76-13-1	NA	mg/kg				0.0079U	
8260C	1,1,2-Trichloroethane			79-00-5	NA	mg/kg				0.0016U	
8260C	1,1-Dichloroethane			75-34-3	NA	mg/kg				0.0016U	
8260C	1,1-Dichloroethene			75-35-4	NA	mg/kg				0.0032U	
8260C	1,1-Dichloropropene			563-58-6	NA	mg/kg				0.0016U	
8260C	1,2,3-Trichlorobenzene			87-61-6	NA	mg/kg				0.0016U	
8260C	1,2,3-Trichloropropane			96-18-4	NA	mg/kg				0.0016U	
8260C	1,2,4-Trichlorobenzene			120-82-1	NA	mg/kg				0.0016U	
8260C	1,2,4-Trimethylbenzene			95-63-6	NA	mg/kg				0.0016U	
8260C	1,2-Dibromo-3-Chloropropane			96-12-8	NA	mg/kg				0.0032U	
8260C	1,2-Dibromoethane (Ethylene Dibromide)			106-93-4	NA	mg/kg				0.00079U	
8260C	1,2-Dichlorobenzene			95-50-1	NA	mg/kg				0.0016U	
8260C	1,2-Dichloroethane			107-06-2	NA	mg/kg				0.0016U	
8260C	1,2-Dichloropropane			78-87-5	NA	mg/kg				0.0016U	
8260C	1,3,5-Trichlorobenzene			108-70-3	NA	mg/kg				0.0016U	
8260C	1,3,5-Trimethylbenzene (Mesitylene)			108-67-8	NA	mg/kg				0.0016U	
8260C	1,3-Dichlorobenzene			541-73-1	NA	mg/kg				0.0016U	
8260C	1,3-Dichloropropane			142-28-9	NA	mg/kg				0.00079U	
8260C	1,4-Dichlorobenzene			106-46-7	NA	mg/kg				0.0016U	
8260C	1,4-Dioxane (P-Dioxane)			123-91-1	NA	mg/kg				0.079U	
8260C	2,2-Dichloropropane			594-20-7	NA	mg/kg				0.0016U	
8260C	2-Chlorotoluene			95-49-8	NA	mg/kg				0.0016U	
8260C	2-Hexanone			591-78-6	NA	mg/kg				0.016U	
8260C	2-Methoxy-2-Methylbutane			994-05-8	NA	mg/kg				0.00079U	
8260C	4-Chlorotoluene			106-43-4	NA	mg/kg				0.0016U	
8260C	Acetone			67-64-1	NA	mg/kg				0.079U	
8260C	Acrylonitrile			107-13-1	NA	mg/kg				0.0048U	
8260C	Benzene			71-43-2	NA	mg/kg				0.0016U	
8260C	Bromobenzene			108-86-1	NA	mg/kg				0.0016U	
8260C	Bromochloromethane			74-97-5	NA	mg/kg				0.0016U	
8260C	Bromodichloromethane			75-27-4	NA	mg/kg				0.0016U	
8260C	Bromoform			75-25-2	NA	mg/kg				0.0016U	

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-01 CPB-SB-01-24.0-25.0 SO 22J0836-06 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-9.0-10.0 SO 22J0836-04 22J0836 10/5/2022 N	CPB-SB-03 CPB-SB-03-0.0-0.5 SO 22J1105-03 22J1105 10/6/2022 N	CPB-SB-03 CPB-SB-03-0.5-1.0 SO 22J1105-04 22J1105 10/6/2022 N
8260C	Bromomethane	74-83-9	NA	mg/kg		0.0079U		
8260C	Carbon Disulfide	75-15-0	NA	mg/kg		0.0079U		
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg		0.0016U		
8260C	Chlorobenzene	108-90-7	NA	mg/kg		0.0016U		
8260C	Chloroethane	75-00-3	NA	mg/kg		0.016U		
8260C	Chloroform	67-66-3	NA	mg/kg		0.0032U		
8260C	Chloromethane	74-87-3	NA	mg/kg		0.0079U		
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg		0.0016U		
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg		0.0079U		
8260C	Cymene	99-87-6	NA	mg/kg		0.0016U		
8260C	Dibromochloromethane	124-48-1	NA	mg/kg		0.0079U		
8260C	Dibromomethane	74-95-3	NA	mg/kg		0.0016U		
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg		0.016U		
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg		0.016U		
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg		0.0079U		
8260C	Ethylbenzene	100-41-4	NA	mg/kg		0.0016U		
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg		0.0016U		
8260C	Isopropyl Ether	108-20-3	NA	mg/kg		0.0079U		
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg		0.0016U		
8260C	m,p-Xylene	179601-23-1	NA	mg/kg		0.0032U		
8260C	Methyl Acetate	79-20-9	NA	mg/kg		0.0016U		
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg		0.032U		
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg		0.016U		
8260C	Methylcyclohexane	108-87-2	NA	mg/kg		0.0016U		
8260C	Methylene Chloride	75-09-2	NA	mg/kg		0.016U		
8260C	Naphthalene	91-20-3	NA	mg/kg		0.0032U		
8260C	N-Butylbenzene	104-51-8	NA	mg/kg		0.0016U		
8260C	N-Propylbenzene	103-65-1	NA	mg/kg		0.0016U		
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg		0.0016U		
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg		0.0016U		
8260C	Styrene	100-42-5	NA	mg/kg		0.0016U		
8260C	T-Butylbenzene	98-06-6	NA	mg/kg		0.0016U		
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg		0.079U		
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg		0.0032U		
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg		0.0016U		
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg		0.0079U		
8260C	Toluene	108-88-3	NA	mg/kg		0.0016U		
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg		0.0016U		
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg		0.0079U		
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg		0.0032U		
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg		0.0016U		
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg		0.0079U		
8260C	Vinyl Chloride	75-01-4	NA	mg/kg		0.0079U		
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.4U	0.39U	0.4U	0.38U

Location ID				CPB-SB-01	CPB-SB-03	CPB-SB-03
Sample ID	Matrix	Lab Sample ID	SDG	CPB-SB-01-9.0-10.0	CPB-SB-03-0.0-0.5	CPB-SB-03-0.5-1.0
Sample Date	Sample Type Code			SO	SO	SO
				22J0836-06	22J1105-03	22J1105-04
				22J0836	22J1105	22J1105
				10/5/2022	10/6/2022	10/6/2022
				N	N	N
Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit		
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.2U	0.1U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.4U	0.38U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.4U	0.38U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.4U	0.38U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.4U	0.38U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.77U	0.73U
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.4U	0.38U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.4U	0.38U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.4U	0.38U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.4U	0.38U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.2U	0.11U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.4U	0.38U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.4U	0.38U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.4U	0.38U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.4U	0.38U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.2U	0.19U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.4U	0.38U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.4U	0.38U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.4U	0.38U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.77U	0.73U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.77U	0.73U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.4U	0.38U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.4U	0.38U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.77U	0.73U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.2U	0.19U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.2U	0.19U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.4U	0.38U
8270D	Aniline	62-53-3	NA	mg/kg	0.4U	0.38U
8270D	Anthracene	120-12-7	NA	mg/kg	0.2U	0.19U
8270D	Benzidine	92-87-5	NA	mg/kg	0.77U	0.73U
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.1U	0.13U
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.09U	0.16U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.2U	0.17U
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.19U	0.13U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.19U	0.19U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.2U	1.1U
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.4U	0.38U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.4U	0.38U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.4U	0.38U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.4U	0.38U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.4U	0.38U
8270D	Carbazole	86-74-8	NA	mg/kg	0.19U	0.19U
8270D	Chrysene	218-01-9	NA	mg/kg	0.15U	0.15U
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.2U	0.13U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.4U	0.19U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.39U	0.38U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.4U	0.38U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.4U	0.38U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.4U	0.38U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-01 CPB-SB-01-24.0-25.0 SO 22J0836-06 22J0836 10/5/2022 N	CPB-SB-01 CPB-SB-01-9.0-10.0 SO 22J0836-04 22J0836 10/5/2022 N	CPB-SB-03 CPB-SB-03-0.0-0.5 SO 22J1105-03 22J1105 10/6/2022 N	CPB-SB-03 CPB-SB-03-0.5-1.0 SO 22J1105-04 22J1105 10/6/2022 N
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.2U	0.22	0.21	0.25
8270D	Fluorene	86-73-7	NA	mg/kg	0.2U	0.19U	0.2U	0.19U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Indeno(1,2,3-CD)Pyrene	193-39-5	NA	mg/kg	0.2U	0.19U	0.2U	0.13U
8270D	Isophorone	78-59-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.2U	0.19U	0.2U	0.078U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.2U	0.15U	0.2U	0.16U
8270D	Phenol	108-95-2	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
8270D	Pyrene	129-00-0	NA	mg/kg	0.2U	0.17U	0.18U	0.33
8270D	Pyridine	110-86-1	NA	mg/kg	0.4U	0.39U	0.4U	0.38U
A2540G	Solids, Percent	SOLID	NA	%	85.7	87.3	86	89.9
E537	11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg		0.5U		
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg		0.5U		
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg		0.5U		
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg		0.5U		
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg		0.5U		
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg		0.5U		
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg		0.5U		
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg		0.5U		
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg		0.5U		
E537	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NA	ug/kg		0.5U		
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg		0.5U		
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg		0.5U		
E537	Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	NA	ug/kg		0.5U		
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg		0.5U		
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg		0.5U		
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg		0.5U		
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg		0.5U		
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg		0.5U		
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg		0.5U		
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg		0.5U		
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg		0.5U		
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg		0.5U		
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg		0.5U		
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg		0.5U		
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg		0.5U		
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg		0.5U		
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg		0.5U		
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg		0.5U		
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg		0.5U		

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-01		CPB-SB-01		CPB-SB-03		CPB-SB-03	
					CPB-SB-01-24.0-25.0 SO	22J0836-06 22J0836 10/5/2022 N	CPB-SB-01-9.0-10.0 SO	22J0836-04 22J0836 10/5/2022 N	CPB-SB-03-0.0-0.5 SO	22J1105-03 22J1105 10/6/2022 N	CPB-SB-03-0.5-1.0 SO	22J1105-04 22J1105 10/6/2022 N
			Location ID	Sample ID	Lab Sample ID	SDG	Sample Date	Sample Type Code				
E537	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NA	ug/kg								
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	ug/kg								
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NA	ug/kg								
E537	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	NA	ug/kg								
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	ug/kg								
LLOYDKAHN	Total Organic Carbon	TOC	NA	mg/kg								
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/kg								
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NA	ug/kg								
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/kg								
SW8151	Dalapon	75-99-0	NA	ug/kg								
SW8151	Dicamba	1918-00-9	NA	ug/kg								
SW8151	Dichloroprop	120-36-5	NA	ug/kg								
SW8151	Dinoseb	88-85-7	NA	ug/kg								
SW8151	MCPA	94-74-6	NA	ug/kg								
SW8151	Mecoprop	93-65-2	NA	ug/kg								
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/kg								
SW8270	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/kg		3.9U				18U		22U
SW9014	Cyanide	57-12-5	T	mg/kg								
SW9071	Total Petroleum Hydrocarbons - Non-Polar Material - Sdt Hem	TPHNONPOLAR T		mg/kg								

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-1.0-2.0 SO 221105-05 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-22.0-23.0 SO 221105-10 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-27.0-28.0 SO 221105-11 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-4.0-5.0 SO 221105-06 221105 10/6/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg	9000	9500	9000	8900
6010C	Antimony	7440-36-0	NA	mg/kg	1.7 UJ	1.9 U	1.8 U	1.9 U
6010C	Arsenic	7440-38-2	NA	mg/kg	16	5.4	7.8	54
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.09
6010C	Barium	7440-39-3	NA	mg/kg	95	97	120	200
6010C	Barium	7440-39-3	TCLP	mg/l	0.79	0.41 J	0.72	1.4
6010C	Beryllium	7440-41-7	NA	mg/kg	0.39	0.44	0.4	0.6
6010C	Boron	7440-42-8	NA	mg/kg	8.3	14	14	21
6010C	Cadmium	7440-43-9	NA	mg/kg	0.85	0.38 U	0.24 J	8.5
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.013	0.0014 J	0.0064 J	0.16
6010C	Calcium	7440-70-2	NA	mg/kg	27000	1000	2200	4700
6010C	Chromium, Total	7440-47-3	NA	mg/kg	11	10	17	12
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.0056 J	0.05 U	0.012 J	0.05 U
6010C	Cobalt	7440-48-4	NA	mg/kg	6.3	6.9	7	7.1
6010C	Copper	7440-50-8	NA	mg/kg	21	11	14	50
6010C	Iron	7439-89-6	NA	mg/kg	20000	24000	22000	22000
6010C	Lead	7439-92-1	NA	mg/kg	80	9.1	31	850
6010C	Lead	7439-92-1	TCLP	mg/l	0.0067 J	0.1 U	0.1	2.4
6010C	Magnesium	7439-95-4	NA	mg/kg	5500	3200	2900	2600
6010C	Manganese	7439-96-5	NA	mg/kg	420	420	590	350
6010C	Nickel	7440-02-0	NA	mg/kg	14	15	16	17
6010C	Potassium	7440-09-7	NA	mg/kg	1200	1100	1100	1200
6010C	Selenium	7782-49-2	NA	mg/kg	3.5 U	3.8 U	3.7 U	3.8 U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
6010C	Silver	7440-22-4	NA	mg/kg	0.35 U	0.38 U	0.37 U	0.38 U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
6010C	Sodium	7440-23-5	NA	mg/kg	120 J	97 J	100 J	240
6010C	Thallium	7440-28-0	NA	mg/kg	1.7 U	1.9 U	1.8 U	1.9 U
6010C	Vanadium	7440-62-2	NA	mg/kg	14	14	13	16
6010C	Zinc	7440-66-6	NA	mg/kg	65	46	53	220
7471B	Mercury	7439-97-6	NA	mg/kg	0.082	0.016 J	0.023 J	0.56
7471B	Mercury	7439-97-6	TCLP	mg/l	0.00012	0.00011	0.00011	0.00013
8081B	Alachlor	15972-60-8	NA	mg/kg	0.22 U			
8081B	Aldrin	309-00-2	NA	mg/kg	0.054 U			
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg	0.054 U			
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg	0.054 U			
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg	0.054 U			
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg	0.086 U			
8081B	Chlordane	57-74-9	NA	mg/kg	0.22 U			
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg	0.054 U			
8081B	Dieldrin	60-57-1	NA	mg/kg	0.043 U			
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg	0.086 U			
8081B	Endrin	72-20-8	NA	mg/kg	0.086 U			
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg	0.086 U			
8081B	Endrin Ketone	53494-70-5	NA	mg/kg	0.086 U			
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg	0.022 U			
8081B	Heptachlor	76-44-8	NA	mg/kg	0.054 U			
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg	0.054 U			
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg	0.065 U			

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-1.0-2.0 SO 221105-05 10/6/2022 N	CPB-SB-03 CPB-SB-03-22.0-23.0 SO 221105-10 10/6/2022 N	CPB-SB-03 CPB-SB-03-27.0-28.0 SO 221105-11 10/6/2022 N	CPB-SB-03 CPB-SB-03-4.0-5.0 SO 221105-06 10/6/2022 N
8260C	Bromomethane	74-83-9	NA	mg/kg	0.0075U			
8260C	Carbon Disulfide	75-15-0	NA	mg/kg	0.0075U			
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg	0.0015U			
8260C	Chlorobenzene	108-90-7	NA	mg/kg	0.0015U			
8260C	Chloroethane	75-00-3	NA	mg/kg	0.015U			
8260C	Chloroform	67-66-3	NA	mg/kg	0.003U			
8260C	Chloromethane	74-87-3	NA	mg/kg	0.0075U			
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg	0.0015U			
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg	0.00075U			
8260C	Cymene	99-87-6	NA	mg/kg	0.0015U			
8260C	Dibromochloromethane	124-48-1	NA	mg/kg	0.00075U			
8260C	Dibromomethane	74-95-3	NA	mg/kg	0.0015U			
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg	0.015U			
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg	0.015U			
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg	0.00075U			
8260C	Ethylbenzene	100-41-4	NA	mg/kg	0.0015U			
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.0015U			
8260C	Isopropyl Ether	108-20-3	NA	mg/kg	0.00075U			
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg	0.0015U			
8260C	m,p-Xylene	179601-23-1	NA	mg/kg	0.003U			
8260C	Methyl Acetate	79-20-9	NA	mg/kg	0.0015U			
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg	0.03U			
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg	0.015U			
8260C	Methylcyclohexane	108-87-2	NA	mg/kg	0.0014U			
8260C	Methylene Chloride	75-09-2	NA	mg/kg	0.015U			
8260C	Naphthalene	91-20-3	NA	mg/kg	0.003U			
8260C	N-Butylbenzene	104-51-8	NA	mg/kg	0.0015U			
8260C	N-Propylbenzene	103-65-1	NA	mg/kg	0.0015U			
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg	0.0015U			
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg	0.0015U			
8260C	Styrene	100-42-5	NA	mg/kg	0.0015U			
8260C	T-Butylbenzene	98-06-6	NA	mg/kg	0.0015U			
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg	0.075U			
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg	0.003U			
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg	0.0015U			
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg	0.0075U			
8260C	Toluene	108-88-3	NA	mg/kg	0.0015U			
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg	0.0015U			
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg	0.00075U			
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg	0.003U			
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg	0.0015U			
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg	0.0075U			
8260C	Vinyl Chloride	75-01-4	NA	mg/kg	0.0075U			
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-1.0-2.0 SO 221105-05 10/6/2022 N	CPB-SB-03 CPB-SB-03-22.0-23.0 SO 221105-10 10/6/2022 N	CPB-SB-03 CPB-SB-03-27.0-28.0 SO 221105-11 10/6/2022 N	CPB-SB-03 CPB-SB-03-4.0-5.0 SO 221105-06 10/6/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.18U	0.2U	0.2U	0.15J
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.71U	0.79U	0.78U	0.77U
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.18U	0.2U	0.2U	0.17J
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.18U	0.2U	0.2U	0.2U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.71U	0.79U	0.78U	0.77U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.71U	0.79U	0.78U	0.77U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.71U	0.79U	0.78U	0.77U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.18U	0.2U	0.2U	0.2U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.18U	0.2U	0.2U	0.15J
8270D	Acetophenone	98-86-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Aniline	62-53-3	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Anthracene	120-12-7	NA	mg/kg	0.18U	0.2U	0.2U	0.33
8270D	Benidine	92-87-5	NA	mg/kg	0.71U	0.79U	0.78U	0.77U
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.08J	0.2U	0.2U	1.5
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.1J	0.2U	0.2U	1.4
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.13J	0.2U	0.2U	2
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.083J	0.2U	0.2U	1.1
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.18U	0.2U	0.2U	0.93
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.1U	1.2U	1.2U	1.2U
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Carbazole	86-74-8	NA	mg/kg	0.18U	0.2U	0.2U	0.14J
8270D	Chrysene	218-01-9	NA	mg/kg	0.096J	0.2U	0.2U	1.3
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.18U	0.2U	0.2U	0.3J
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.37U	0.41U	0.4U	0.12J
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.37U	0.41U	0.4U	0.4U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.37U	0.41U	0.4U	0.4U

Location ID				CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03	CPB-SB-03
Sample ID	Matrix	Lab Sample ID	SDG	SO	SO	SO	SO	SO	SO
Sample Date	Sample Type Code			221105-05	221105-10	221105-11	221105-10	221105-11	221105-06
				10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022	10/6/2022
				N	N	N	N	N	N
Analytical Method	Chemical Name	CAS RN	FRACTION	Unit					
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.12U		0.2U	0.1U	2.8
8270D	Fluorene	86-73-7	NA	mg/kg	0.18U		0.2U		0.11U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.1U		0.2U	0.2U	1.4
8270D	Isophorone	78-59-1	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.18U		0.2U	0.17U	0.17U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.18U		0.2U	0.2U	1.1
8270D	Phenol	108-95-2	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
8270D	Pyrene	129-00-0	NA	mg/kg	0.14U		0.2U	0.11U	2.7
8270D	Pyridine	110-86-1	NA	mg/kg	0.37U		0.41U	0.4U	0.4U
A2540G	Solids, Percent	SOLID	NA	%	93		83.3	85.1	85.3
E537	11-Chloroeicosfluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg	0.46U				
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg	0.46U				
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg	0.46U				
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg	0.46U				
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg	0.46U				
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg	0.46U				
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg	0.46U				
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg	0.46U				
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg	0.46U				
E537	Nonafluoro-3,6-dioxahexanoic acid	151772-58-6	NA	ug/kg	0.46U				
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg	0.46U				
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg	0.46U				
E537	Perfluoro-1-hexanesulfonamide (HFXSA)	41997-13-1	NA	ug/kg	0.46U				
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg	0.46U				
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg	0.46U				
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg	0.46U				
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg	0.46U				
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg	0.46U				
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg	0.46U				
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg	0.46U				
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg	0.46U				
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg	0.46U				
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg	0.46U				
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg	0.46U				
E537	Perfluoronanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg	0.46U				
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg	0.46U				
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg	0.46U				
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg	0.46U				
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg	0.46U				

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-03 CPB-SB-03-5.0-6.0 SO 221105-07 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0 SO 221105-08 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0-D SO 221105-09 221105 10/6/2022 FD	CPB-SB-04 CPB-SB-04-0.0-0.5 SO 2210586-01 2210586 10/4/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg	8000		8000	8500	7400
6010C	Antimony	7440-36-0	NA	mg/kg	1.7 U		1.9 U	1.9 U	1.8 U
6010C	Arsenic	7440-38-2	NA	mg/kg	37		47	57	5.8
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.011 J		0.033 J	0.055 J	0.05 U
6010C	Barium	7440-39-3	NA	mg/kg	76		130	140	97
6010C	Barium	7440-39-3	TCLP	mg/l	0.49 J		1.1	1.1	0.57
6010C	Beryllium	7440-41-7	NA	mg/kg	0.3		0.46	0.48	0.38
6010C	Boron	7440-42-8	NA	mg/kg	260		280 J	140 J	37 U
6010C	Cadmium	7440-43-9	NA	mg/kg	1		3.5	5.3	0.24 J
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.0044 J		0.066	0.084	0.0018 J
6010C	Calcium	7440-70-2	NA	mg/kg	67000		3600	3500	1700
6010C	Chromium, Total	7440-47-3	NA	mg/kg	14		12	12	9.4
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.016 J		0.05 U	0.05 U	0.05 U
6010C	Cobalt	7440-48-4	NA	mg/kg	5.1		7.1	8	7.2
6010C	Copper	7440-50-8	NA	mg/kg	24		49	55	16
6010C	Iron	7439-89-6	NA	mg/kg	17000		21000	25000	24000
6010C	Lead	7439-92-1	NA	mg/kg	510		750	760	18
6010C	Lead	7439-92-1	TCLP	mg/l	0.1 U		1.8	2.1	0.1 U
6010C	Magnesium	7439-95-4	NA	mg/kg	13000		2300	2500	3500
6010C	Manganese	7439-96-5	NA	mg/kg	420		320	410	500
6010C	Nickel	7440-02-0	NA	mg/kg	13		16	17	15
6010C	Potassium	7440-09-7	NA	mg/kg	1100		1200	1200	990
6010C	Selenium	7782-49-2	NA	mg/kg	3.5 U		3.8 U	3.9 U	3.7 U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05 U		0.05 U	0.05 U	0.017 J
6010C	Silver	7440-22-4	NA	mg/kg	0.35 U		0.38 U	0.39 U	0.37 U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05 U		0.05 U	0.05 U	0.05 U
6010C	Sodium	7440-23-5	NA	mg/kg	420		670 J	360 J	42 J
6010C	Thallium	7440-28-0	NA	mg/kg	1.7 U		1.9 U	1.9 U	1.8 U
6010C	Vanadium	7440-62-2	NA	mg/kg	14		16	17	11
6010C	Zinc	7440-66-6	NA	mg/kg	67		150	220	53
7471B	Mercury	7439-97-6	NA	mg/kg	0.047		0.23	0.28	0.026 J
7471B	Mercury	7439-97-6	TCLP	mg/l	0.00012		0.00013	0.00014	0.0001 U
8081B	Alachlor	15972-60-8	NA	mg/kg			0.23 U	0.23 U	
8081B	Aldrin	309-00-2	NA	mg/kg			0.058 U	0.058 U	
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg			0.058 U	0.058 U	
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg			0.058 U	0.058 U	
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg			0.058 U	0.058 U	
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg			0.093 U	0.093 U	
8081B	Chlordane	57-74-9	NA	mg/kg			0.23 U	0.23 U	
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg			0.058 U	0.058 U	
8081B	Dieldrin	60-57-1	NA	mg/kg			0.047 U	0.047 U	
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg			0.093 U	0.093 U	
8081B	Endrin	72-20-8	NA	mg/kg			0.093 U	0.093 U	
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg			0.093 U	0.093 U	
8081B	Endrin Ketone	53494-70-5	NA	mg/kg			0.093 U	0.093 U	
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg			0.023 U	0.023 U	
8081B	Heptachlor	76-44-8	NA	mg/kg			0.058 U	0.058 U	
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg			0.058 U	0.058 U	
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg			0.07 U	0.07 U	

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-5.0-6.0 SO 221105-07 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0 SO 221105-08 221105 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0-D SO 221105-09 221105 10/6/2022 FD	CPB-SB-04 CPB-SB-04-0.0-0.5 SO 2210586-01 2210586 10/4/2022 N
Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code								
8081B	Methoxychlor	72-43-5	NA	mg/kg		0.58U	0.58U	
8081B	P,P-DDD	72-54-8	NA	mg/kg		0.047U	0.047U	
8081B	P,P'-DDE	72-55-9	NA	mg/kg		0.047U	0.047U	
8081B	P,P'-DDT	50-29-3	NA	mg/kg		0.047U	0.0068U	
8081B	Toxaphene	8001-35-2	NA	mg/kg		1.2U	1.2U	
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	mg/kg		0.093U	0.093U	
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	mg/kg		0.093U	0.093U	
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	mg/kg		0.0016U	0.0018U	
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	mg/kg		0.0016U	0.0018U	
8260C	1,1,1,2-Tetrachloroethane	79-34-5	NA	mg/kg		0.00079U	0.00088U	
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA	mg/kg		0.0079U	0.0088U	
8260C	1,1,2-Trichloroethane	79-00-5	NA	mg/kg		0.0016U	0.0018U	
8260C	1,1-Dichloroethane	75-34-3	NA	mg/kg		0.0016U	0.0018U	
8260C	1,1-Dichloroethene	75-35-4	NA	mg/kg		0.0032U	0.0035U	
8260C	1,1-Dichloropropene	563-58-6	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2,3-Trichloropropane	96-18-4	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	mg/kg		0.0032U	0.0035U	
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	mg/kg		0.00079U	0.00088U	
8260C	1,2-Dichlorobenzene	95-50-1	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2-Dichloroethane	107-06-2	NA	mg/kg		0.0016U	0.0018U	
8260C	1,2-Dichloropropane	78-87-5	NA	mg/kg		0.0016U	0.0018U	
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	mg/kg		0.0016U	0.0018U	
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	mg/kg		0.0016U	0.0018U	
8260C	1,3-Dichlorobenzene	541-73-1	NA	mg/kg		0.0016U	0.0018U	
8260C	1,3-Dichloropropane	142-28-9	NA	mg/kg		0.00079U	0.00088U	
8260C	1,4-Dichlorobenzene	106-46-7	NA	mg/kg		0.0016U	0.0018U	
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	mg/kg		0.0016U	0.088U	
8260C	2,2-Dichloropropane	594-20-7	NA	mg/kg		0.0016U	0.0018U	
8260C	2-Chlorotoluene	95-49-8	NA	mg/kg		0.0016U	0.0018U	
8260C	2-Hexanone	591-78-6	NA	mg/kg		0.016U	0.018U	
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	mg/kg		0.00079U	0.00088U	
8260C	4-Chlorotoluene	106-43-4	NA	mg/kg		0.0016U	0.0018U	
8260C	Acetone	67-64-1	NA	mg/kg		0.0083U	0.088U	
8260C	Acrylonitrile	107-13-1	NA	mg/kg		0.0047U	0.0053U	
8260C	Benzene	71-43-2	NA	mg/kg		0.0016U	0.0018U	
8260C	Bromobenzene	108-86-1	NA	mg/kg		0.0016U	0.0018U	
8260C	Bromochloromethane	74-97-5	NA	mg/kg		0.0016U	0.0018U	
8260C	Bromodichloromethane	75-27-4	NA	mg/kg		0.0016U	0.0018U	
8260C	Bromoform	75-25-2	NA	mg/kg		0.0016U	0.0018U	

Analytical Method	Chemical Name	CAS RN	CPB-SB-03		CPB-SB-03-5.0-6.0 SO 221105-07 10/6/2022	CPB-SB-03 SO 221105-08 10/6/2022	CPB-SB-03-8.0-9.0 SO 221105-09 10/6/2022	CPB-SB-04 SO 2210586-01 220586 10/4/2022
			FRACTION	Unit				
8260C	Bromomethane	74-83-9	NA	mg/kg		0.0079U	0.0088U	
8260C	Carbon Disulfide	75-15-0	NA	mg/kg		0.0079U	0.0088U	
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg		0.0016U	0.0018U	
8260C	Chlorobenzene	108-90-7	NA	mg/kg		0.0016U	0.0018U	
8260C	Chloroethane	75-00-3	NA	mg/kg		0.016U	0.018U	
8260C	Chloroform	67-66-3	NA	mg/kg		0.0032U	0.0035U	
8260C	Chloromethane	74-87-3	NA	mg/kg		0.0079U	0.0088U	
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg		0.0016U	0.0018U	
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg		0.00079U	0.00088U	
8260C	Cymene	99-87-6	NA	mg/kg		0.0016U	0.0018U	
8260C	Dibromochloromethane	124-48-1	NA	mg/kg		0.00079U	0.00088U	
8260C	Dibromomethane	74-95-3	NA	mg/kg		0.0016U	0.0018U	
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg		0.016U	0.018U	
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg		0.0016U	0.0018U	
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg		0.00079U	0.00088U	
8260C	Ethylbenzene	100-41-4	NA	mg/kg		0.0016U	0.0018U	
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg		0.0016U	0.0018U	
8260C	Isopropyl Ether	108-20-3	NA	mg/kg		0.00079U	0.00088U	
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg		0.0016U	0.0018U	
8260C	m,p-Xylene	179601-23-1	NA	mg/kg		0.0032U	0.0035U	
8260C	Methyl Acetate	79-20-9	NA	mg/kg		0.0016U	0.0018U	
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg		0.032U	0.035U	
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg		0.016U	0.018U	
8260C	Methylcyclohexane	108-87-2	NA	mg/kg		0.0016U	0.0018U	
8260C	Methylene Chloride	75-09-2	NA	mg/kg		0.016U	0.018U	
8260C	Naphthalene	91-20-3	NA	mg/kg		0.0032U	0.0035U	
8260C	N-Butylbenzene	104-51-8	NA	mg/kg		0.0016U	0.0018U	
8260C	N-Propylbenzene	103-65-1	NA	mg/kg		0.0016U	0.0018U	
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg		0.0016U	0.0018U	
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg		0.0016U	0.0018U	
8260C	Styrene	100-42-5	NA	mg/kg		0.0016U	0.0018U	
8260C	T-Butylbenzene	98-06-6	NA	mg/kg		0.0016U	0.0018U	
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg		0.079U	0.088U	
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg		0.0032U	0.0035U	
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg		0.0016U	0.0018U	
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg		0.0079U	0.0088U	
8260C	Toluene	108-88-3	NA	mg/kg		0.0016U	0.0018U	
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg		0.0016U	0.0018U	
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg		0.00079U	0.00088U	
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg		0.0032U	0.0035U	
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg		0.0016U	0.0018U	
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg		0.0079U	0.0088U	
8260C	Vinyl Chloride	75-01-4	NA	mg/kg		0.0079U	0.0088U	
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-5.0-6.0 SO 221105-07 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0 SO 221105-08 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0-D SO 221105-09 10/6/2022 FD	CPB-SB-04 CPB-SB-04-0.0-0.5 SO 2210586-01 2210586 10/4/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.089J	0.18J	0.087J	0.2U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.7U	0.77U	0.77U	0.77U
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.094J	0.26J	0.13J	0.2U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.18U	0.2U	0.2U	0.2U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.7U	0.77U	0.77U	0.77U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.7U	0.77U	0.77U	0.77U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.7U	0.77U	0.77U	0.77U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.18U	0.2U	0.2U	0.2U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.18U	0.1J	0.081J	0.2U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Aniline	62-53-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Anthracene	120-12-7	NA	mg/kg	0.18U	0.85J	0.41J	0.2U
8270D	Benidine	92-87-5	NA	mg/kg	0.7U	0.77U	0.77U	0.77U
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.14J	2.2J	1.3J	0.2U
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.16J	1.6J	1J	0.2U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.18J	2.4J	1.6J	0.2U
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.11J	1.1J	0.63J	0.2U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.18U	1.1J	0.67J	0.2U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.1U	1.2U	1.2U	R
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Carbazole	86-74-8	NA	mg/kg	0.18U	0.28J	0.15J	0.2U
8270D	Chrysene	218-01-9	NA	mg/kg	0.18J	1.9J	1.1J	0.2U
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.18U	0.3J	0.16J	0.2U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.36U	0.23J	0.13J	0.4U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.36U	0.4U	0.4U	0.4U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-03 CPB-SB-03-5.0-6.0 SO 221105-07 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0 SO 221105-08 10/6/2022 N	CPB-SB-03 CPB-SB-03-8.0-9.0-D SO 221105-09 10/6/2022 FD	CPB-SB-04 CPB-SB-04-0.0-0.5 SO 2210586-01 2210586 10/4/2022 N
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.21	4.2J	2.9J	0.2U
8270D	Fluorene	86-73-7	NA	mg/kg	0.18U	0.13J	0.13J	0.2U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.12J	1.5J	0.86J	0.2U
8270D	Isophorone	78-59-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.18U	0.28J	0.24J	0.2U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.12J	3.1J	1.5J	0.2U
8270D	Phenol	108-95-2	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
8270D	Pyrene	129-00-0	NA	mg/kg	0.39	4.8J	2.6J	0.2U
8270D	Pyridine	110-86-1	NA	mg/kg	0.36U	0.4U	0.4U	0.4U
A2540G	Solids, Percent	SOLID	NA	%	94.3	85.8	86	85.5
E537	11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg		0.5U	0.49U	
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg		0.5U	0.49U	
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg		0.5U	0.49U	
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg		0.5U	0.49U	
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg		0.5U	0.49U	
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg		0.5U	0.49U	
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg		0.5U	0.49U	
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg		0.5U	0.49U	
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg		0.5U	0.49U	
E537	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NA	ug/kg		0.5U	0.49U	
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg		0.5U	0.49U	
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluoro-1-hexanesulfonamide (HxSA)	41997-13-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg		0.5U	0.49U	
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg		0.5U	0.49U	
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg		0.5U	0.49U	
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg		0.5U	0.49U	
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg		0.5U	0.49U	
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg		0.5U	0.49U	
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg		0.5U	0.49U	
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg		0.5U	0.49U	
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg		0.5U	0.49U	
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg		0.5U	0.49U	
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg		0.5U	0.49U	
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg		0.5U	0.49U	

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date	CPB-SB-04 CPB-SB-04-0.5-1.0 SO 2210586-02 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-0.5-1.0-D SO 2210586-03 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-1.0-2.0 SO 2210586-04 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-26.5-27.0 SO 2210586-07 2210586 10/4/2022
6010C	Aluminum	7429-90-5	NA	mg/kg	9600	7900	11000	8000	
6010C	Antimony	7440-36-0	NA	mg/kg	1.9U	1.9U	1.8U	2U	
6010C	Arsenic	7440-38-2	NA	mg/kg	8.2	6.6	16J	5.1	
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05U	0.05U	0.05U	0.05U	
6010C	Barium	7440-39-3	NA	mg/kg	130	120	160	94	
6010C	Barium	7440-39-3	TCLP	mg/l	0.91	0.55	1.1J	0.45J	
6010C	Beryllium	7440-41-7	NA	mg/kg	0.47	0.39	0.51J	0.4	
6010C	Boron	7440-42-8	NA	mg/kg	39U	38U	37U	41U	
6010C	Cadmium	7440-43-9	NA	mg/kg	0.2J	0.15J	0.8	0.41U	
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.0089J	0.0018J	0.015J	0.0014J	
6010C	Calcium	7440-70-2	NA	mg/kg	1900	1600	2600	910	
6010C	Chromium, Total	7440-47-3	NA	mg/kg	13	10	14	11	
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.0051J	0.05U	0.05U	0.05U	
6010C	Cobalt	7440-48-4	NA	mg/kg	9.1	8.1	11	6.4	
6010C	Copper	7440-50-8	NA	mg/kg	25	18	35	11	
6010C	Iron	7439-89-6	NA	mg/kg	29000	30000	33000	17000	
6010C	Lead	7439-92-1	NA	mg/kg	26	20	120	8.6	
6010C	Lead	7439-92-1	TCLP	mg/l	0.014J	0.1U	0.15J	0.1U	
6010C	Magnesium	7439-95-4	NA	mg/kg	4200	4100	4900	2800	
6010C	Manganese	7439-96-5	NA	mg/kg	530	720	580	350	
6010C	Nickel	7440-02-0	NA	mg/kg	20	16	23	14	
6010C	Potassium	7440-09-7	NA	mg/kg	1100	1000	1100	800	
6010C	Selenium	7782-49-2	NA	mg/kg	3.9U	3.8U	3.7U	4.1U	
6010C	Selenium	7782-49-2	TCLP	mg/l	0.015J	0.05U	0.018J	0.013J	
6010C	Silver	7440-22-4	NA	mg/kg	0.39U	0.38U	0.37U	0.41U	
6010C	Silver	7440-22-4	TCLP	mg/l	0.05U	0.05U	0.05U	0.05U	
6010C	Sodium	7440-23-5	NA	mg/kg	38J	37J	42J	120J	
6010C	Thallium	7440-28-0	NA	mg/kg	1.9U	1.9U	1.8U	2U	
6010C	Vanadium	7440-62-2	NA	mg/kg	14	11	15	11	
6010C	Zinc	7440-66-6	NA	mg/kg	77	62	95	45	
7471B	Mercury	7439-97-6	NA	mg/kg	0.031	0.027J	0.068	0.016J	
7471B	Mercury	7439-97-6	TCLP	mg/l	0.0001U	0.0001U	0.0001U	0.00084J	
8081B	Alachlor	15972-60-8	NA	mg/kg					
8081B	Aldrin	309-00-2	NA	mg/kg					
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg					
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg					
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg					
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg					
8081B	Chlordane	57-74-9	NA	mg/kg					
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg					
8081B	Dieldrin	60-57-1	NA	mg/kg					
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg					
8081B	Endrin	72-20-8	NA	mg/kg					
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg					
8081B	Endrin Ketone	53494-70-5	NA	mg/kg					
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg					
8081B	Heptachlor	76-44-8	NA	mg/kg					
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg					
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg					

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04		CPB-SB-04		CPB-SB-04		CPB-SB-04	
					CPB-SB-04-0.5-1.0 SO	2210586-02 10/4/2022	CPB-SB-04-0.5-1.0-D SO	2210586-03 10/4/2022	CPB-SB-04-1.0-2.0 SO	2210586-04 10/4/2022	CPB-SB-04-26.5-27.0 SO	2210586-07 10/4/2022
8081B	Methoxychlor	72-43-5	NA	mg/kg								
8081B	P,P'-DDD	72-54-8	NA	mg/kg								
8081B	P,P'-DDE	72-55-9	NA	mg/kg								
8081B	P,P'-DDT	50-29-3	NA	mg/kg								
8081B	Toxaphene	8001-35-2	NA	mg/kg								
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	mg/kg								
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	mg/kg								
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	mg/kg								
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	mg/kg								
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	mg/kg								
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	mg/kg								
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	mg/kg								
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	mg/kg								
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	mg/kg								
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	mg/kg								
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	mg/kg								
8260C	1,1,1,2-Tetrachloroethane	79-34-5	NA	mg/kg								
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA	mg/kg								
8260C	1,1,2-Trichloroethane	79-00-5	NA	mg/kg								
8260C	1,1-Dichloroethane	75-34-3	NA	mg/kg								
8260C	1,1-Dichloroethene	75-35-4	NA	mg/kg								
8260C	1,1-Dichloropropene	563-58-6	NA	mg/kg								
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	mg/kg								
8260C	1,2,3-Trichloropropane	96-18-4	NA	mg/kg								
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg								
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	mg/kg								
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	mg/kg								
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	mg/kg								
8260C	1,2-Dichlorobenzene	95-50-1	NA	mg/kg								
8260C	1,2-Dichloroethane	107-06-2	NA	mg/kg								
8260C	1,2-Dichloropropane	78-87-5	NA	mg/kg								
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	mg/kg								
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	mg/kg								
8260C	1,3-Dichlorobenzene	541-73-1	NA	mg/kg								
8260C	1,3-Dichloropropane	142-28-9	NA	mg/kg								
8260C	1,4-Dichlorobenzene	106-46-7	NA	mg/kg								
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	mg/kg								
8260C	2,2-Dichloropropane	594-20-7	NA	mg/kg								
8260C	2-Chlorotoluene	95-49-8	NA	mg/kg								
8260C	2-Hexanone	591-78-6	NA	mg/kg								
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	mg/kg								
8260C	4-Chlorotoluene	106-43-4	NA	mg/kg								
8260C	Acetone	67-64-1	NA	mg/kg								
8260C	Acrylonitrile	107-13-1	NA	mg/kg								
8260C	Benzene	71-43-2	NA	mg/kg								
8260C	Bromobenzene	108-86-1	NA	mg/kg								
8260C	Bromochloromethane	74-97-5	NA	mg/kg								
8260C	Bromodichloromethane	75-27-4	NA	mg/kg								
8260C	Bromoform	75-25-2	NA	mg/kg								

Analytical Method	Chemical Name	CAS RN	Location ID		CPB-SB-04 CPB-SB-04-0.5-1.0 SO 2210586-02 SDG 10/4/2022	CPB-SB-04 CPB-SB-04-0.5-1.0-D SO 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-1.0-2.0 SO 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-26.5-27.0 SO 2210586-07 2210586 10/4/2022
			FRACTION	Unit				
8260C	Bromomethane	74-83-9	NA	mg/kg				
8260C	Carbon Disulfide	75-15-0	NA	mg/kg				
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg				
8260C	Chlorobenzene	108-90-7	NA	mg/kg				
8260C	Chloroethane	75-00-3	NA	mg/kg				
8260C	Chloroform	67-66-3	NA	mg/kg				
8260C	Chloromethane	74-87-3	NA	mg/kg				
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg				
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg				
8260C	Cymene	99-87-6	NA	mg/kg				
8260C	Dibromochloromethane	124-48-1	NA	mg/kg				
8260C	Dibromomethane	74-95-3	NA	mg/kg				
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg				
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg				
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg				
8260C	Ethylbenzene	100-41-4	NA	mg/kg				
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg				
8260C	Isopropyl Ether	108-20-3	NA	mg/kg				
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg				
8260C	m,p-Xylene	179601-23-1	NA	mg/kg				
8260C	Methyl Acetate	79-20-9	NA	mg/kg				
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg				
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg				
8260C	Methylcyclohexane	108-87-2	NA	mg/kg				
8260C	Methylene Chloride	75-09-2	NA	mg/kg				
8260C	Naphthalene	91-20-3	NA	mg/kg				
8260C	N-Butylbenzene	104-51-8	NA	mg/kg				
8260C	N-Propylbenzene	103-65-1	NA	mg/kg				
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg				
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg				
8260C	Styrene	100-42-5	NA	mg/kg				
8260C	T-Butylbenzene	98-06-6	NA	mg/kg				
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg				
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg				
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg				
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg				
8260C	Toluene	108-88-3	NA	mg/kg				
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg				
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg				
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg				
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg				
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg				
8260C	Vinyl Chloride	75-01-4	NA	mg/kg				
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04 SO 2210586-02 10/4/2022 N	CPB-SB-04 SO 2210586-03 10/4/2022 FD	CPB-SB-04 SO 2210586-04 10/4/2022 N	CPB-SB-04 SO 2210586-07 10/4/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.78 UJ	0.78 UJ	0.74 UJ	0.81 UJ
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.78 U	0.77 U	0.74 U	0.81 U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.78 U	0.77 U	0.74 U	0.81 U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.78 U	0.77 U	0.74 U	0.81 U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Aniline	62-53-3	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Anthracene	120-12-7	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	Benzidine	92-87-5	NA	mg/kg	0.78 UJ	0.77 UJ	0.74 UJ	0.81 UJ
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.2 U	0.2 U	0.26	0.21 U
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.2 U	0.2 U	0.29	0.21 U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.2 U	0.2 U	0.35	0.21 U
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.2 U	0.2 U	0.13 J	0.21 U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.2 U	0.2 U	0.17 J	0.21 U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	R	R	R	R
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.4 UJ	0.4 UJ	0.38 UJ	0.42 UJ
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.4 U	0.4 U	0.1 J	0.42 U
8270D	Carbazole	86-74-8	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	Chrysene	218-01-9	NA	mg/kg	0.2 U	0.2 U	0.2	0.21 U
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.2 U	0.2 U	0.19 U	0.21 U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.4 U	0.4 U	0.38 U	0.42 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date	CPB-SB-04 CPB-SB-04-0.5-1.0 SO 2210586-02 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-0.5-1.0-D SO 2210586-03 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-1.0-2.0 SO 2210586-04 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-26.5-27.0 SO 2210586-07 2210586 10/4/2022
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.088J		0.088J	0.59	
8270D	Fluorene	86-73-7	NA	mg/kg	0.2U		0.2U	0.19U	0.21U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.4UJ		0.4UJ	0.38UJ	0.42UJ
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.4UJ		0.4UJ	0.38UJ	0.42UJ
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.2U		0.2U	0.2	0.21U
8270D	Isophorone	78-59-1	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.2U		0.2U	0.19U	0.21U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.4UJ		0.4UJ	0.38UJ	0.42UJ
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.2U		0.2U	0.22	0.21U
8270D	Phenol	108-95-2	NA	mg/kg	0.4U		0.4U	0.38U	0.42U
8270D	Pyrene	129-00-0	NA	mg/kg	0.2U		0.2U	0.39	0.21U
8270D	Pyridine	110-86-1	NA	mg/kg	0.4U		0.4U	0.38UJ	0.42U
A2540G	Solids, Percent	SOLID	NA	%	85.2		85.7	89.2	81.6
E537	11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg					
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg					
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg					
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg					
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg					
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg					
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg					
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg					
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg					
E537	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NA	ug/kg					
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg					
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg					
E537	Perfluoro-1-hexanesulfonamide (HFXSA)	41997-13-1	NA	ug/kg					
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg					
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg					
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg					
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg					
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg					
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg					
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg					
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg					
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg					
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg					
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg					
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg					
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg					
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg					
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg					
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg					

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04		CPB-SB-04		CPB-SB-04		CPB-SB-04	
					CPB-SB-04-0.5-1.0 SO	2210586-02 10/4/2022	CPB-SB-04-0.5-1.0-D SO	2210586-03 10/4/2022	CPB-SB-04-1.0-2.0 SO	2210586-04 10/4/2022	CPB-SB-04-26.5-27.0 SO	2210586-07 10/4/2022
E537	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NA	ug/kg								
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	ug/kg								
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NA	ug/kg								
E537	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	NA	ug/kg								
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	ug/kg								
LLOYDKAHN	Total Organic Carbon	TOC	NA	mg/kg								
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/kg								
SW8151	2,4-D (Dichlorophenoxy)acetic Acid)	94-75-7	NA	ug/kg								
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/kg								
SW8151	Dalapon	75-99-0	NA	ug/kg								
SW8151	Dicamba	1918-00-9	NA	ug/kg								
SW8151	Dichloroprop	120-36-5	NA	ug/kg								
SW8151	Dinoseb	88-85-7	NA	ug/kg								
SW8151	MCPA	94-74-6	NA	ug/kg								
SW8151	Mecoprop	93-65-2	NA	ug/kg								
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/kg								
SW8270	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/kg	3.7 U		3.5 U		3.3 U		4.1 U	
SW9014	Cyanide	57-12-5	T	mg/kg								
SW9071	Total Petroleum Hydrocarbons - Non-Polar Material - Sdt Hem	TPHNONPOLAR T		mg/kg								

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04 CPB-SB-04-4.5-5.0 SO 2210586-05 2210586 10/4/2022 N	CPB-SB-04 CPB-SB-05-0.0-0.5 SO 2210586-06 2210586 10/4/2022 N	CPB-SB-05 CPB-SB-05-0.0-0.5 SO 2210836-07 2210836 10/5/2022 N	CPB-SB-05 CPB-SB-05-0.5-1.0 SO 2210836-08 2210836 10/5/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg	7200	8500	8400	7700
6010C	Antimony	7440-36-0	NA	mg/kg	7.1	1.9 U	1.9 U	1.9 U
6010C	Arsenic	7440-38-2	NA	mg/kg	49	22	8.6	83
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05 J	0.0093 J	0.05 U	0.05 U
6010C	Barium	7440-39-3	NA	mg/kg	530	160	100	110
6010C	Barium	7440-39-3	TCLP	mg/l	4	2	1	1
6010C	Beryllium	7440-41-7	NA	mg/kg	0.35	0.44	0.54	0.44
6010C	Boron	7440-42-8	NA	mg/kg	64	38 U	2.6 J	6.3
6010C	Cadmium	7440-43-9	NA	mg/kg	18	2.8	0.89	1.5
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.46	0.066	0.012	0.013
6010C	Calcium	7440-70-2	NA	mg/kg	33000	6700	2800	26000
6010C	Chromium, Total	7440-47-3	NA	mg/kg	13	22	12	10
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.05 U	0.0026 J	0.004 J	0.014 J
6010C	Cobalt	7440-48-4	NA	mg/kg	8.6	8.9	11	8
6010C	Copper	7440-50-8	NA	mg/kg	61	37	19	19
6010C	Iron	7439-89-6	NA	mg/kg	17000	27000	19000	15000
6010C	Lead	7439-92-1	NA	mg/kg	1100	280	83	170
6010C	Lead	7439-92-1	TCLP	mg/l	3.9	0.5	0.07 J	0.019 J
6010C	Magnesium	7439-95-4	NA	mg/kg	13000	4800	3000	4100
6010C	Manganese	7439-96-5	NA	mg/kg	580	540	670	510
6010C	Nickel	7440-02-0	NA	mg/kg	18	22	19	16
6010C	Potassium	7440-09-7	NA	mg/kg	1000	1000	1000	1000
6010C	Selenium	7782-49-2	NA	mg/kg	3.8 U	3.8 U	3.8 U	3.8 U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
6010C	Silver	7440-22-4	NA	mg/kg	0.14 J	0.38 U	0.38 U	0.38 U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
6010C	Sodium	7440-23-5	NA	mg/kg	160 J	100 J	45 J	80 J
6010C	Thallium	7440-28-0	NA	mg/kg	1.9 U	1.9 U	1.9 U	1.9 U
6010C	Vanadium	7440-62-2	NA	mg/kg	12	13	12	11
6010C	Zinc	7440-66-6	NA	mg/kg	310	120	91	85
7471B	Mercury	7439-97-6	NA	mg/kg	0.44	0.069	0.099	0.12
7471B	Mercury	7439-97-6	TCLP	mg/l	0.000041 J	0.0001 U	0.00016	0.00013
8081B	Alachlor	15972-60-8	NA	mg/kg				
8081B	Aldrin	309-00-2	NA	mg/kg				
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg				
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg				
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg				
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg				
8081B	Chlordane	57-74-9	NA	mg/kg				
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg				
8081B	Dieldrin	60-57-1	NA	mg/kg				
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg				
8081B	Endrin	72-20-8	NA	mg/kg				
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg				
8081B	Endrin Ketone	53494-70-5	NA	mg/kg				
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg				
8081B	Heptachlor	76-44-8	NA	mg/kg				
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg				
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg				

Analytical Method	Chemical Name	CAS RN	Location ID		CPB-SB-04 CPB-SB-04-4.5-5.0 SO 2210586-05 SDG 2210586 10/4/2022 N	CPB-SB-04 CPB-SB-04-5.0-5.5 SO 2210586-06 2210586 10/4/2022 N	CPB-SB-05 CPB-SB-05-0.0-0.5 SO 2210836-07 2210836 10/5/2022 N	CPB-SB-05 CPB-SB-05-0.5-1.0 SO 2210836-08 2210836 10/5/2022 N
			Sample ID	Matrix				
Sample Type Code	Sample Date	Sample Type Code	FRACTION	Unit	N	N	N	N
8081B	Methoxychlor	72-43-5	NA	mg/kg				
8081B	P,P'-DDD	72-54-8	NA	mg/kg				
8081B	P,P'-DDE	72-55-9	NA	mg/kg				
8081B	P,P'-DDT	50-29-3	NA	mg/kg				
8081B	Toxaphene	8001-35-2	NA	mg/kg				
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	mg/kg				
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	mg/kg				
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	mg/kg				
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	mg/kg				
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	mg/kg				
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	mg/kg				
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	mg/kg				
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	mg/kg				
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	mg/kg				
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	mg/kg				
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	mg/kg				
8260C	1,1,1,2-Tetrachloroethane	79-34-5	NA	mg/kg				
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA	mg/kg				
8260C	1,1,2-Trichloroethane	79-00-5	NA	mg/kg				
8260C	1,1-Dichloroethane	75-34-3	NA	mg/kg				
8260C	1,1-Dichloroethene	75-35-4	NA	mg/kg				
8260C	1,1-Dichloropropene	563-58-6	NA	mg/kg				
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	mg/kg				
8260C	1,2,3-Trichloropropane	96-18-4	NA	mg/kg				
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg				
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	mg/kg				
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	mg/kg				
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	mg/kg				
8260C	1,2-Dichlorobenzene	95-50-1	NA	mg/kg				
8260C	1,2-Dichloroethane	107-06-2	NA	mg/kg				
8260C	1,2-Dichloropropane	78-87-5	NA	mg/kg				
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	mg/kg				
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	mg/kg				
8260C	1,3-Dichlorobenzene	541-73-1	NA	mg/kg				
8260C	1,3-Dichloropropane	142-28-9	NA	mg/kg				
8260C	1,4-Dichlorobenzene	106-46-7	NA	mg/kg				
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	mg/kg				
8260C	2,2-Dichloropropane	594-20-7	NA	mg/kg				
8260C	2-Chlorotoluene	95-49-8	NA	mg/kg				
8260C	2-Hexanone	591-78-6	NA	mg/kg				
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	mg/kg				
8260C	4-Chlorotoluene	106-43-4	NA	mg/kg				
8260C	Acetone	67-64-1	NA	mg/kg				
8260C	Acrylonitrile	107-13-1	NA	mg/kg				
8260C	Benzene	71-43-2	NA	mg/kg				
8260C	Bromobenzene	108-86-1	NA	mg/kg				
8260C	Bromochloromethane	74-97-5	NA	mg/kg				
8260C	Bromodichloromethane	75-27-4	NA	mg/kg				
8260C	Bromoform	75-25-2	NA	mg/kg				

Analytical Method	Chemical Name	CAS RN	Location ID		CPB-SB-04 CPB-SB-04-4.5-5.0 SO 2210586-05 SDG 2210586 10/4/2022	CPB-SB-04 CPB-SB-04-5.0-5.5 SO 2210586 10/4/2022	CPB-SB-05 CPB-SB-05-0.0-0.5 SO 2210836-07 2210836 10/5/2022	CPB-SB-05 CPB-SB-05-0.5-1.0 SO 2210836-08 2210836 10/5/2022
			Sample Matrix	Sample Type Code				
8260C	Bromomethane	74-83-9	NA	mg/kg				
8260C	Carbon Disulfide	75-15-0	NA	mg/kg				
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg				
8260C	Chlorobenzene	108-90-7	NA	mg/kg				
8260C	Chloroethane	75-00-3	NA	mg/kg				
8260C	Chloroform	67-66-3	NA	mg/kg				
8260C	Chloromethane	74-87-3	NA	mg/kg				
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg				
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg				
8260C	Cymene	99-87-6	NA	mg/kg				
8260C	Dibromochloromethane	124-48-1	NA	mg/kg				
8260C	Dibromomethane	74-95-3	NA	mg/kg				
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg				
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg				
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg				
8260C	Ethylbenzene	100-41-4	NA	mg/kg				
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg				
8260C	Isopropyl Ether	108-20-3	NA	mg/kg				
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg				
8260C	m,p-Xylene	179601-23-1	NA	mg/kg				
8260C	Methyl Acetate	79-20-9	NA	mg/kg				
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg				
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg				
8260C	Methylcyclohexane	108-87-2	NA	mg/kg				
8260C	Methylene Chloride	75-09-2	NA	mg/kg				
8260C	Naphthalene	91-20-3	NA	mg/kg				
8260C	N-Butylbenzene	104-51-8	NA	mg/kg				
8260C	N-Propylbenzene	103-65-1	NA	mg/kg				
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg				
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg				
8260C	Styrene	100-42-5	NA	mg/kg				
8260C	T-Butylbenzene	98-06-6	NA	mg/kg				
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg				
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg				
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg				
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg				
8260C	Toluene	108-88-3	NA	mg/kg				
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg				
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg				
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg				
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg				
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg				
8260C	Vinyl Chloride	75-01-4	NA	mg/kg				
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04 CPB-SB-04-4.5-5.0 SO 2210586-05 2210586 10/4/2022 N	CPB-SB-04 CPB-SB-04-5.0-5.5 SO 2210586-06 2210586 10/4/2022 N	CPB-SB-05 CPB-SB-05-0.0-0.5 SO 2210836-07 2210836 10/5/2022 N	CPB-SB-05 CPB-SB-05-0.5-1.0 SO 2210836-08 2210836 10/5/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.75 UJ	0.75 UJ	0.77 UJ	0.76 UJ
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.75 U	0.75 U	0.77 U	0.76 U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.75 U	0.75 U	0.77 U	0.76 U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.75 U	0.75 U	0.77 U	0.76 U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Aniline	62-53-3	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Anthracene	120-12-7	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	Benidine	92-87-5	NA	mg/kg	0.75 UJ	0.75 UJ	0.77 UJ	0.76 UJ
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.37	0.1 J	0.089 J	0.12 J
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.36	0.12 J	0.099 J	0.12 J
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.47	0.19 J	0.14 J	0.18 J
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.17 J	0.19 U	0.2 U	0.2 U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.2	0.071 J	0.2 U	0.2 U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	R	R	1.2 UJ	1.2 UJ
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.38 UJ	0.39 UJ	0.4 U	0.39 U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Carbazole	86-74-8	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	Chrysene	218-01-9	NA	mg/kg	0.39	0.13 J	0.11 J	0.12 J
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.19 U	0.19 U	0.2 U	0.2 U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.38 U	0.39 U	0.4 U	0.39 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04 CPB-SB-04-4.5-5.0 SO 2210586-05 2210586 10/4/2022 N	CPB-SB-04 CPB-SB-04-5.0-5.5 SO 2210586-06 2210586 10/4/2022 N	CPB-SB-05 CPB-SB-05-0.0-0.5 SO 2210836-07 2210836 10/5/2022 N	CPB-SB-05 CPB-SB-05-0.5-1.0 SO 2210836-08 2210836 10/5/2022 N
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.68	0.21	0.19	0.21
8270D	Fluorene	86-73-7	NA	mg/kg	0.19	0.19	0.2	0.2
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.19	0.19	0.2	0.091
8270D	Isophorone	78-59-1	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Naphthalene	91-20-3	NA	mg/kg	0.19	0.19	0.2	0.2
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.38	0.11	0.2	0.087
8270D	Phenol	108-95-2	NA	mg/kg	0.38	0.39	0.4	0.39
8270D	Pyrene	129-00-0	NA	mg/kg	0.6	0.15	0.14	0.18
8270D	Pyridine	110-86-1	NA	mg/kg	0.38	0.39	0.4	0.39
A2540G	Solids, Percent	SOLID	NA	%	88.4	87.6	85.5	86.5
E537	11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg				
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg				
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg				
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg				
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg				
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg				
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg				
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg				
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg				
E537	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NA	ug/kg				
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg				
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg				
E537	Perfluoro-1-hexanesulfonamide (HFXSA)	41997-13-1	NA	ug/kg				
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg				
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg				
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg				
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg				
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg				
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg				
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg				
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg				
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg				
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg				
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg				
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg				
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg				
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NA	ug/kg				
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg				
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg				

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-04		CPB-SB-04		CPB-SB-05		CPB-SB-05	
					CPB-SB-04-4.5-5.0 SO	2210586-05 10/4/2022	CPB-SB-04-5.0-5.5 SO	2210586-06 10/4/2022	CPB-SB-05-0.0-0.5 SO	2210836-07 10/5/2022	CPB-SB-05-0.5-1.0 SO	2210836-08 10/5/2022
					SDG							
					Sample Date							
					Sample Type Code							
E537	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NA	ug/kg								
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	ug/kg								
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NA	ug/kg								
E537	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	NA	ug/kg								
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	ug/kg								
LLOYDKAHN	Total Organic Carbon	TOC		mg/kg								
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/kg								
SW8151	2,4-D (Dichlorophenoxy)acetic Acid	94-75-7	NA	ug/kg								
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/kg								
SW8151	Dalapon	75-99-0	NA	ug/kg								
SW8151	Dicamba	1918-00-9	NA	ug/kg								
SW8151	Dichloroprop	120-36-5	NA	ug/kg								
SW8151	Dinoseb	88-85-7	NA	ug/kg								
SW8151	MCPA	94-74-6	NA	ug/kg								
SW8151	Mecoprop	93-65-2	NA	ug/kg								
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/kg								
SW8270	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/kg	18 U		17 U		4.4 U		1.9 J	
SW9014	Cyanide	57-12-5	T	mg/kg								
SW9071	Total Petroleum Hydrocarbons - Non-Polar Material - Sdt Hem	TPHNONPOLAR T		mg/kg								

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-05 CPB-SB-05-1.0-2.0 SO 220836-09 220836 10/5/2022 N	CPB-SB-05 CPB-SB-05-10.0-11.0 SO 221105-01 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-29.0-30.0 SO 221105-02 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-4.0-5.0 SO 220836-10 220836 10/5/2022 N
6010C	Aluminum	7429-90-5	NA	mg/kg	6900	12000	9900	4900
6010C	Antimony	7440-36-0	NA	mg/kg	1.7 U	2 U	1.9 U	1.8 U
6010C	Arsenic	7440-38-2	NA	mg/kg	27	530	49	14
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05 U	2	0.05 U	0.05 U
6010C	Barium	7440-39-3	NA	mg/kg	180	140	92	60
6010C	Barium	7440-39-3	TCLP	mg/l	1.4	1.4	0.77	1.1
6010C	Beryllium	7440-41-7	NA	mg/kg	0.32	0.49	0.38	0.31
6010C	Boron	7440-42-8	NA	mg/kg	19	2800	160	9.2
6010C	Cadmium	7440-43-9	NA	mg/kg	4.4	3.2	1.5	1.4
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.089	0.022	0.041	0.019
6010C	Calcium	7440-70-2	NA	mg/kg	16000	5500	4600	13000
6010C	Chromium, Total	7440-47-3	NA	mg/kg	10	15	14	6.6
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.0051 J	0.05 U	0.0035 J	0.05 U
6010C	Cobalt	7440-48-4	NA	mg/kg	6.8	8.4	7.1	4.9
6010C	Copper	7440-50-8	NA	mg/kg	30	16	17	23
6010C	Iron	7439-89-6	NA	mg/kg	16000	20000	21000	11000
6010C	Lead	7439-92-1	NA	mg/kg	470	230	99	620
6010C	Lead	7439-92-1	TCLP	mg/l	1.1	0.04 J	0.27	0.78
6010C	Magnesium	7439-95-4	NA	mg/kg	4400	4600	4800	2200
6010C	Manganese	7439-96-5	NA	mg/kg	440	510	360	230
6010C	Nickel	7440-02-0	NA	mg/kg	15	17	15	11
6010C	Potassium	7440-09-7	NA	mg/kg	830	2200	1400	720
6010C	Selenium	7782-49-2	NA	mg/kg	3.5 U	4 U	3.8 U	3.6 U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05 U	0.012 J	0.017 J	0.05 U
6010C	Silver	7440-22-4	NA	mg/kg	0.35 U	0.4 U	0.38 U	0.36 U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05 U	0.05 U	0.05 U	0.05 U
6010C	Sodium	7440-23-5	NA	mg/kg	100 J	2600	1000	120 J
6010C	Thallium	7440-28-0	NA	mg/kg	1.7 U	2 U	1.9 U	1.8 U
6010C	Vanadium	7440-62-2	NA	mg/kg	12	16	14	11
6010C	Zinc	7440-66-6	NA	mg/kg	130	73	59	53
7471B	Mercury	7439-97-6	NA	mg/kg	0.25	0.028 J	0.022 J	0.14
7471B	Mercury	7439-97-6	TCLP	mg/l	0.00011	0.00011	0.00011	0.00011
8081B	Alachlor	15972-60-8	NA	mg/kg	0.22 U			1.1 U
8081B	Aldrin	309-00-2	NA	mg/kg	0.055 U			0.28 U
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg	0.055 U			0.28 U
8081B	Alpha Endosulfan	959-98-8	NA	mg/kg	0.055 U			0.28 U
8081B	Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg	0.055 U			0.28 U
8081B	Beta Endosulfan	33213-65-9	NA	mg/kg	0.088 U			0.45 U
8081B	Chlordane	57-74-9	NA	mg/kg	0.22 U			1.1 U
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg	0.055 U			0.28 U
8081B	Dieldrin	60-57-1	NA	mg/kg	0.044 U			0.23 U
8081B	Endosulfan Sulfate	1031-07-8	NA	mg/kg	0.088 U			0.45 U
8081B	Endrin	72-20-8	NA	mg/kg	0.088 U			0.45 U
8081B	Endrin Aldehyde	7421-93-4	NA	mg/kg	0.088 U			0.45 U
8081B	Endrin Ketone	53494-70-5	NA	mg/kg	0.088 U			0.45 U
8081B	Gamma BHC (Lindane)	58-89-9	NA	mg/kg	0.022 U			0.11 U
8081B	Heptachlor	76-44-8	NA	mg/kg	0.055 U			0.28 U
8081B	Heptachlor Epoxide	1024-57-3	NA	mg/kg	0.055 U			0.28 U
8081B	Hexachlorobenzene	118-74-1	NA	mg/kg	0.066 U			0.34 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-05				CPB-SB-05				CPB-SB-05				CPB-SB-05			
					CPB-SB-05-1.0-2.0				CPB-SB-05-10.0-11.0				CPB-SB-05-29.0-30.0				CPB-SB-05-4.0-5.0			
					Sample ID	Matrix	Lab Sample ID	SDG	Sample Date	Sample Type Code										
8081B	Methoxychlor	72-43-5	NA	mg/kg																
8081B	P,P'-DDD	72-54-8	NA	mg/kg																
8081B	P,P'-DDE	72-55-9	NA	mg/kg																
8081B	P,P'-DDT	50-29-3	NA	mg/kg																
8081B	Toxaphene	8001-35-2	NA	mg/kg																
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	mg/kg																
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	mg/kg																
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	mg/kg																
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	mg/kg																
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	mg/kg																
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	mg/kg																
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	mg/kg																
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	mg/kg																
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	mg/kg																
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	mg/kg																
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	mg/kg																
8260C	1,1,1,2-Tetrachloroethane	79-34-5	NA	mg/kg																
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA	mg/kg																
8260C	1,1,2-Trichloroethane	79-00-5	NA	mg/kg																
8260C	1,1-Dichloroethane	75-34-3	NA	mg/kg																
8260C	1,1-Dichloroethene	75-35-4	NA	mg/kg																
8260C	1,1-Dichloropropene	563-58-6	NA	mg/kg																
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	mg/kg																
8260C	1,2,3-Trichloropropane	96-18-4	NA	mg/kg																
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg																
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	mg/kg																
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	mg/kg																
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	mg/kg																
8260C	1,2-Dichlorobenzene	95-50-1	NA	mg/kg																
8260C	1,2-Dichloroethane	107-06-2	NA	mg/kg																
8260C	1,2-Dichloropropane	78-87-5	NA	mg/kg																
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	mg/kg																
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	mg/kg																
8260C	1,3-Dichlorobenzene	541-73-1	NA	mg/kg																
8260C	1,3-Dichloropropane	142-28-9	NA	mg/kg																
8260C	1,4-Dichlorobenzene	106-46-7	NA	mg/kg																
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	mg/kg																
8260C	2,2-Dichloropropane	594-20-7	NA	mg/kg																
8260C	2-Chlorotoluene	95-49-8	NA	mg/kg																
8260C	2-Hexanone	591-78-6	NA	mg/kg																
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	mg/kg																
8260C	4-Chlorotoluene	106-43-4	NA	mg/kg																
8260C	Acetone	67-64-1	NA	mg/kg																
8260C	Acrylonitrile	107-13-1	NA	mg/kg																
8260C	Benzene	71-43-2	NA	mg/kg																
8260C	Bromobenzene	108-86-1	NA	mg/kg																
8260C	Bromochloromethane	74-97-5	NA	mg/kg																
8260C	Bromodichloromethane	75-27-4	NA	mg/kg																
8260C	Bromoform	75-25-2	NA	mg/kg																

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-05		CPB-SB-05		CPB-SB-05		CPB-SB-05	
					CPB-SB-05-1.0-2.0 SO 220836-09 SDG 10/5/2022	N	CPB-SB-05-10.0-11.0 SO 221105-01 10/6/2022	N	CPB-SB-05-29.0-30.0 SO 221105-02 10/6/2022	N	CPB-SB-05-4.0-5.0 SO 220836-10 10/5/2022	N
8260C	Bromomethane	74-83-9	NA	mg/kg	0.0076	U					0.0085	U
8260C	Carbon Disulfide	75-15-0	NA	mg/kg	0.0076	U					0.0085	U
8260C	Carbon Tetrachloride	56-23-5	NA	mg/kg	0.0015	U					0.0017	U
8260C	Chlorobenzene	108-90-7	NA	mg/kg	0.0015	U					0.0017	U
8260C	Chloroethane	75-00-3	NA	mg/kg	0.015	U					0.017	U
8260C	Chloroform	67-66-3	NA	mg/kg	0.0031	U					0.0034	U
8260C	Chloromethane	74-87-3	NA	mg/kg	0.0076	U					0.0085	U
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	mg/kg	0.0015	U					0.0017	U
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	mg/kg	0.00076	U					0.00085	U
8260C	Cymene	99-87-6	NA	mg/kg	0.0015	U					0.0017	U
8260C	Dibromochloromethane	124-48-1	NA	mg/kg	0.00076	U					0.00085	U
8260C	Dibromomethane	74-95-3	NA	mg/kg	0.0015	U					0.0017	U
8260C	Dichlorodifluoromethane	75-71-8	NA	mg/kg	0.015	U					0.017	U
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	mg/kg	0.015	U					0.017	U
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	mg/kg	0.00076	U					0.00085	U
8260C	Ethylbenzene	100-41-4	NA	mg/kg	0.0015	U					0.0017	U
8260C	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.0015	U					0.00085	U
8260C	Isopropyl Ether	108-20-3	NA	mg/kg	0.00076	U					0.00085	U
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	mg/kg	0.0015	U					0.0017	U
8260C	m,p-Xylene	179601-23-1	NA	mg/kg	0.0031	U					0.0034	U
8260C	Methyl Acetate	79-20-9	NA	mg/kg	0.0015	U					0.0017	U
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	mg/kg	0.031	U					0.034	U
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	mg/kg	0.015	U					0.017	U
8260C	Methylcyclohexane	108-87-2	NA	mg/kg	0.0014	J					0.0017	U
8260C	Methylene Chloride	75-09-2	NA	mg/kg	0.015	U					0.017	U
8260C	Naphthalene	91-20-3	NA	mg/kg	0.0031	U					0.0034	U
8260C	N-Butylbenzene	104-51-8	NA	mg/kg	0.0015	U					0.0017	U
8260C	N-Propylbenzene	103-65-1	NA	mg/kg	0.0015	U					0.0017	U
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	mg/kg	0.0015	U					0.0017	U
8260C	Sec-Butylbenzene	135-98-8	NA	mg/kg	0.0015	U					0.0017	U
8260C	Styrene	100-42-5	NA	mg/kg	0.0015	U					0.0017	U
8260C	T-Butylbenzene	98-06-6	NA	mg/kg	0.0015	U					0.0017	U
8260C	Tert-Butyl Alcohol	75-65-0	NA	mg/kg	0.076	U					0.085	U
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	mg/kg	0.0031	U					0.0034	U
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	mg/kg	0.0015	U					0.0017	U
8260C	Tetrahydrofuran	109-99-9	NA	mg/kg	0.0076	U					0.0085	U
8260C	Toluene	108-88-3	NA	mg/kg	0.00047	J					0.0017	U
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	mg/kg	0.0015	U					0.0017	U
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	mg/kg	0.00076	U					0.00085	U
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	mg/kg	0.0031	U					0.0034	U
8260C	Trichloroethylene (TCE)	79-01-6	NA	mg/kg	0.0015	U					0.0017	U
8260C	Trichlorofluoromethane	75-69-4	NA	mg/kg	0.0076	U					0.0085	U
8260C	Vinyl Chloride	75-01-4	NA	mg/kg	0.0076	U					0.0085	U
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	mg/kg	0.37	U	0.42	U	0.39	U	0.38	U
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	0.37	U	0.42	U	0.39	U	0.38	U
8270D	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	0.37	U	0.42	U	0.39	U	0.38	U
8270D	1,2-Diphenylhydrazine	122-66-7	NA	mg/kg	0.37	U	0.42	U	0.39	U	0.38	U
8270D	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	0.42	U	0.42	U	0.39	U	0.38	U
8270D	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	0.37	U	0.42	U	0.39	U	0.38	U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-05 CPB-SB-05-10.0-2.0 SO 220836-09 220836 10/5/2022 N	CPB-SB-05 CPB-SB-05-10.0-11.0 SO 221105-01 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-29.0-30.0 SO 221105-02 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-4.0-5.0 SO 2210836-10 220836 10/5/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.19U	0.21U	0.2U	0.093U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.72U	0.81U	0.77U	0.74U
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.19U	0.21U	0.2U	0.11U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.19U	0.21U	0.2U	0.19U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.72U	0.81U	0.77U	0.74U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.72U	0.81U	0.77U	0.74U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.72U	0.81U	0.77U	0.74U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.19U	0.21U	0.2U	0.19U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.097U	0.21U	0.2U	0.19U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Aniline	62-53-3	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Anthracene	120-12-7	NA	mg/kg	0.087U	0.21U	0.2U	0.19U
8270D	Benidine	92-87-5	NA	mg/kg	0.72U	0.81U	0.77U	0.74U
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.41	0.21U	0.2U	0.14U
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.37	0.21U	0.2U	0.15U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.19U	0.21U	0.2U	0.27
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.27	0.21U	0.2U	0.1U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.24	0.21U	0.2U	0.086U
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.1U	1.2U	1.2U	1.1U
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Carbazole	86-74-8	NA	mg/kg	0.19U	0.21U	0.2U	0.19U
8270D	Chrysene	218-01-9	NA	mg/kg	0.4	0.21U	0.2U	0.26
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.19U	0.21U	0.2U	0.19U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.37U	0.42U	0.39U	0.38U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.37U	0.42U	0.39U	0.38U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-05 CPB-SB-05-1.0-2.0 SO 220836-09 220836 10/5/2022 N	CPB-SB-05 CPB-SB-05-10.0-11.0 SO 221105-01 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-29.0-30.0 SO 221105-02 221105 10/6/2022 N	CPB-SB-05 CPB-SB-05-4.0-5.0 SO 220836-10 220836 10/5/2022 N
8270D	Fluoranthene	206-44-0	NA	mg/kg	0.86	0.21 U	0.2 U	0.25
8270D	Fluorene	86-73-7	NA	mg/kg	0.19 U	0.21 U	0.2 U	0.19 U
8270D	Hexachlorobenzene	118-74-1	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Hexachlorobutadiene	87-68-3	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Hexachloroethane	67-72-1	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	mg/kg	0.34	0.21 U	0.2 U	0.13 U
8270D	Isophorone	78-59-1	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Naphthalene	91-20-3	NA	mg/kg	0.19 U	0.21 U	0.19 U	0.19 U
8270D	Nitrobenzene	98-95-3	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	N-Nitrosodimethylamine	62-75-9	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Pentachloronitrobenzene	82-68-8	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Pentachlorophenol	87-86-5	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Phenanthrene	85-01-8	NA	mg/kg	0.46	0.21 U	0.2 U	0.23
8270D	Phenol	108-95-2	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
8270D	Pyrene	129-00-0	NA	mg/kg	0.7	0.21 U	0.2 U	0.27
8270D	Pyridine	110-86-1	NA	mg/kg	0.37 U	0.42 U	0.39 U	0.38 U
A2540G	Solids, Percent	SOLID	NA	%	91.1	81.8	86.2	88.8
E537	11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NA	ug/kg	0.48 U			0.49 U
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	NA	ug/kg	0.48 U			0.49 U
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	NA	ug/kg	0.48 U			0.49 U
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	NA	ug/kg	0.48 U			0.49 U
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	NA	ug/kg	0.48 U			0.49 U
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NA	ug/kg	0.48 U			0.49 U
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	NA	ug/kg	0.48 U			0.49 U
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	NA	ug/kg	0.48 U			0.49 U
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	NA	ug/kg	0.48 U			0.49 U
E537	Nonafluoro-3,6-dioxahexanoic acid	151772-58-6	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoro-1-hexanesulfonamide (HfXSA)	41997-13-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorobutanoic Acid	375-22-4	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	ug/kg	0.48 U			0.49 U
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorononanesulfonic acid (PFNS)	68259-12-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorononanoic acid (PFNA)	375-95-1	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorooctanoic acid (FOA)	754-91-6	NA	ug/kg	0.48 U			0.49 U
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	NA	ug/kg	0.09 U			0.49 U
E537	Perfluorooctanoic acid (PFOA)	335-67-1	NA	ug/kg	0.48 U			0.49 U

Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	Location ID		CPB-SB-05 CPB-SB-05-1.0-2.0 SO 22J0836-09 22J0836 10/5/2022 N	CPB-SB-05 CPB-SB-05-10.0-11.0 SO 22J1105-01 22J1105 10/6/2022 N	CPB-SB-05 CPB-SB-05-29.0-30.0 SO 22J1105-02 22J1105 10/6/2022 N	CPB-SB-05 CPB-SB-05-4.0-5.0 SO 22J0836-10 22J0836 10/5/2022 N
					Sample ID	Matrix				
					Lab Sample ID	SDG				
					Sample Date					
					Sample Type Code					
E537	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NA	ug/kg			0.48 U			0.49 U
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	ug/kg			0.48 U			0.49 U
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NA	ug/kg			0.48 U			0.49 U
E537	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	NA	ug/kg			0.48 U			0.49 U
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	ug/kg			0.48 U			0.49 U
LLOYDKAHN	Total Organic Carbon	TOC	NA	mg/kg			5000			21000
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/kg			110 U			110 U
SW8151	2,4-D (Dichlorophenoxy)acetic Acid	94-75-7	NA	ug/kg			110 U			110 U
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/kg			11 U			11 U
SW8151	Dalapon	75-99-0	NA	ug/kg			270 U			280 U
SW8151	Dicamba	1918-00-9	NA	ug/kg			11 U			11 U
SW8151	Dichloroprop	120-36-5	NA	ug/kg			110 U			110 U
SW8151	Dinoseb	88-95-7	NA	ug/kg			55 U			56 U
SW8151	MCPA	94-74-6	NA	ug/kg			11000 U			11000 U
SW8151	Mecoprop	93-65-2	NA	ug/kg			11000 U			11000 U
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/kg			11 U			11 U
SW8270	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/kg			18 U	3.6 U	3.5 U	17 U
SW9014	Cyanide	57-12-5	T	mg/kg			0.54 U			0.52 U
SW9071	Total Petroleum Hydrocarbons - Non-Polar Material - Sdt Hem	TPHNONPOLAR T		mg/kg			181			796

Analytical Method		Chemical Name	CAS_RN	FRACTION	Unit	Sample Type Code	Lab Sample ID	SDG	Sample Date	CPB-SB-05 SO 22J0836-11 22J0836 10/5/2022 N	CPB-SB-05 SO 22J0836-12 22J0836 10/5/2022 N
6010C		Aluminum	7429-90-5	NA	mg/kg						
6010C		Antimony	7440-36-0	NA	mg/kg					6600	7700
6010C		Arsenic	7440-38-2	NA	mg/kg					1.8 U	1.9 U
6010C		Arsenic	7440-38-2	TCLP	mg/l					32	170
6010C		Barium	7440-39-3	NA	mg/kg					0.05 U	0.4
6010C		Barium	7440-39-3	TCLP	mg/l					130	69
6010C		Beryllium	7440-41-7	NA	mg/kg					1.8	0.37 J
6010C		Boron	7440-42-8	NA	mg/kg					0.39	0.35
6010C		Cadmium	7440-43-9	NA	mg/kg					24	1300
6010C		Cadmium	7440-43-9	TCLP	mg/l					3.5	4.1
6010C		Calcium	7440-70-2	NA	mg/kg					0.076	0.09
6010C		Chromium, Total	7440-47-3	NA	mg/kg					7300	5300
6010C		Chromium, Total	7440-47-3	TCLP	mg/l					10	30
6010C		Cobalt	7440-48-4	NA	mg/kg					0.0035 J	0.0053 J
6010C		Copper	7440-50-8	NA	mg/kg					7.1	6
6010C		Iron	7439-89-6	NA	mg/kg					31	26
6010C		Lead	7439-92-1	NA	mg/kg					16000	13000
6010C		Lead	7439-92-1	TCLP	mg/l					650	650
6010C		Magnesium	7439-95-4	NA	mg/kg					1.8	0.94
6010C		Manganese	7439-96-5	NA	mg/kg					2900	1700
6010C		Nickel	7440-02-0	NA	mg/kg					410	180
6010C		Potassium	7440-09-7	NA	mg/kg					14	17
6010C		Selenium	7782-49-2	NA	mg/kg					880	1700
6010C		Silver	7440-22-4	TCLP	mg/l					3.7 U	3.9 U
6010C		Silver	7440-22-4	TCLP	mg/l					0.05 U	0.05 U
6010C		Sodium	7440-23-5	NA	mg/kg					0.37 U	0.39 U
6010C		Thallium	7440-28-0	NA	mg/kg					0.05 U	0.05 U
6010C		Vanadium	7440-62-2	NA	mg/kg					130 J	2300
6010C		Zinc	7440-66-6	NA	mg/kg					1.8 U	1.9 U
7471B		Mercury	7439-97-6	NA	mg/kg					12	16
7471B		Mercury	7439-97-6	TCLP	mg/l					110	110
8081B		Alachlor	15972-60-8	NA	mg/kg					0.22	0.15
8081B		Aldrin	309-00-2	NA	mg/kg					0.00011	0.00012
8081B		Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	NA	mg/kg						
8081B		Alpha Endosulfan	959-98-8	NA	mg/kg						
8081B		Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	NA	mg/kg						
8081B		Beta Endosulfan	33213-65-9	NA	mg/kg						
8081B		Chlordane	57-74-9	NA	mg/kg						
8081B		Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	mg/kg						
8081B		Dieldrin	60-57-1	NA	mg/kg						
8081B		Endosulfan Sulfate	1031-07-8	NA	mg/kg						
8081B		Endrin	72-20-8	NA	mg/kg						
8081B		Endrin Aldehyde	7421-93-4	NA	mg/kg						
8081B		Endrin Ketone	53494-70-5	NA	mg/kg						
8081B		Gamma BHC (Lindane)	58-89-9	NA	mg/kg						
8081B		Heptachlor	76-44-8	NA	mg/kg						
8081B		Heptachlor Epoxide	1024-57-3	NA	mg/kg						
8081B		Hexachlorobenzene	118-74-1	NA	mg/kg						

Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code				CPB-SB-05 CPB-SB-05-5.0-6.0 SO 22J0836-11 22J0836 10/5/2022 N	CPB-SB-05 CPB-SB-05-9.0-10.0 SO 22J0836-12 22J0836 10/5/2022 N
Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit	
8081B	Methoxychlor	72-43-5	NA	mg/kg	
8081B	P,P'-DDD	72-54-8	NA	mg/kg	
8081B	P,P'-DDE	72-55-9	NA	mg/kg	
8081B	P,P'-DDT	50-29-3	NA	mg/kg	
8081B	Toxaphene	8001-35-2	NA	mg/kg	
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	mg/kg	
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	mg/kg	
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	mg/kg	
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	mg/kg	
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	mg/kg	
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	mg/kg	
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	mg/kg	
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	mg/kg	
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	mg/kg	
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	mg/kg	
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	mg/kg	
8260C	1,1,2,2-Tetrachloroethane	79-34-5	NA	mg/kg	
8260C	1,1,2-Trichloro-1,1,2,2-Trifluoroethane	76-13-1	NA	mg/kg	
8260C	1,1,2-Trichloroethane	79-00-5	NA	mg/kg	
8260C	1,1-Dichloroethane	75-34-3	NA	mg/kg	
8260C	1,1-Dichloroethene	75-35-4	NA	mg/kg	
8260C	1,1-Dichloropropene	563-58-6	NA	mg/kg	
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	mg/kg	
8260C	1,2,3-Trichloropropane	96-18-4	NA	mg/kg	
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	mg/kg	
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	mg/kg	
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	mg/kg	
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	mg/kg	
8260C	1,2-Dichlorobenzene	95-50-1	NA	mg/kg	
8260C	1,2-Dichloroethane	107-06-2	NA	mg/kg	
8260C	1,2-Dichloropropane	78-87-5	NA	mg/kg	
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	mg/kg	
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	mg/kg	
8260C	1,3-Dichlorobenzene	541-73-1	NA	mg/kg	
8260C	1,3-Dichloropropane	142-28-9	NA	mg/kg	
8260C	1,4-Dichlorobenzene	106-46-7	NA	mg/kg	
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	mg/kg	
8260C	2,2-Dichloropropane	594-20-7	NA	mg/kg	
8260C	2-Chlorotoluene	95-49-8	NA	mg/kg	
8260C	2-Hexanone	591-78-6	NA	mg/kg	
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	mg/kg	
8260C	4-Chlorotoluene	106-43-4	NA	mg/kg	
8260C	Acetone	67-64-1	NA	mg/kg	
8260C	Acrylonitrile	107-13-1	NA	mg/kg	
8260C	Benzene	71-43-2	NA	mg/kg	
8260C	Bromobenzene	108-86-1	NA	mg/kg	
8260C	Bromochloromethane	74-97-5	NA	mg/kg	
8260C	Bromodichloromethane	75-27-4	NA	mg/kg	
8260C	Bromoform	75-25-2	NA	mg/kg	

Analytical Method		Chemical Name	CAS_RN	FRACTION	Unit	Location ID	CPB-SB-05	CPB-SB-05
						Sample ID	SO	SO
						Matrix		
						Lab Sample ID	2210836-11	2210836-12
						SDG	2210836	2210836
						Sample Date	10/5/2022	10/5/2022
						Sample Type Code	N	N
8260C	Bromomethane		74-83-9	NA	mg/kg			
8260C	Carbon Disulfide		75-15-0	NA	mg/kg			
8260C	Carbon Tetrachloride		56-23-5	NA	mg/kg			
8260C	Chlorobenzene		108-90-7	NA	mg/kg			
8260C	Chloroethane		75-00-3	NA	mg/kg			
8260C	Chloroform		67-66-3	NA	mg/kg			
8260C	Chloromethane		74-87-3	NA	mg/kg			
8260C	Cis-1,2-Dichloroethylene		156-59-2	NA	mg/kg			
8260C	Cis-1,3-Dichloropropene		10061-01-5	NA	mg/kg			
8260C	Cymene		99-87-6	NA	mg/kg			
8260C	Dibromochloromethane		124-48-1	NA	mg/kg			
8260C	Dibromomethane		74-95-3	NA	mg/kg			
8260C	Dichlorodifluoromethane		75-71-8	NA	mg/kg			
8260C	Diethyl Ether (Ethyl Ether)		60-29-7	NA	mg/kg			
8260C	Ethyl Tert-Butyl Ether		637-92-3	NA	mg/kg			
8260C	Ethylbenzene		100-41-4	NA	mg/kg			
8260C	Hexachlorobutadiene		87-68-3	NA	mg/kg			
8260C	Isopropyl Ether		108-20-3	NA	mg/kg			
8260C	Isopropylbenzene (Cumene)		98-82-8	NA	mg/kg			
8260C	m,p-Xylene		179601-23-1	NA	mg/kg			
8260C	Methyl Acetate		79-20-9	NA	mg/kg			
8260C	Methyl Ethyl Ketone (2-Butanone)		78-93-3	NA	mg/kg			
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	NA	mg/kg			
8260C	Methylcyclohexane		108-87-2	NA	mg/kg			
8260C	Methylene Chloride		75-09-2	NA	mg/kg			
8260C	Naphthalene		91-20-3	NA	mg/kg			
8260C	N-Butylbenzene		104-51-8	NA	mg/kg			
8260C	N-Propylbenzene		103-65-1	NA	mg/kg			
8260C	O-Xylene (1,2-Dimethylbenzene)		95-47-6	NA	mg/kg			
8260C	Sec-Butylbenzene		135-98-8	NA	mg/kg			
8260C	Styrene		100-42-5	NA	mg/kg			
8260C	T-Butylbenzene		98-06-6	NA	mg/kg			
8260C	Tert-Butyl Alcohol		75-65-0	NA	mg/kg			
8260C	Tert-Butyl Methyl Ether		1634-04-4	NA	mg/kg			
8260C	Tetrachloroethylene (PCE)		127-18-4	NA	mg/kg			
8260C	Tetrahydrofuran		109-99-9	NA	mg/kg			
8260C	Toluene		108-88-3	NA	mg/kg			
8260C	Trans-1,2-Dichloroethene		156-60-5	NA	mg/kg			
8260C	Trans-1,3-Dichloropropene		10061-02-6	NA	mg/kg			
8260C	Trans-1,4-Dichloro-2-Butene		110-57-6	NA	mg/kg			
8260C	Trichloroethylene (TCE)		79-01-6	NA	mg/kg			
8260C	Trichlorofluoromethane		75-69-4	NA	mg/kg			
8260C	Vinyl Chloride		75-01-4	NA	mg/kg			
8270D	1,2,4,5-Tetrachlorobenzene		95-94-3	NA	mg/kg		0.38 U	0.4 U
8270D	1,2,4-Trichlorobenzene		120-82-1	NA	mg/kg		0.38 U	0.4 U
8270D	1,2-Dichlorobenzene		95-50-1	NA	mg/kg		0.38 U	0.4 U
8270D	1,2-Diphenylhydrazine		122-66-7	NA	mg/kg		0.38 U	0.4 U
8270D	1,3-Dichlorobenzene		541-73-1	NA	mg/kg		0.38 U	0.4 U
8270D	1,4-Dichlorobenzene		106-46-7	NA	mg/kg		0.38 U	0.4 U

Analytical Method		Chemical Name	CAS_RN	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-05 CPB-SB-05-5.0-6.0 SO 22J0836-11 22J0836 10/5/2022 N	CPB-SB-05 CPB-SB-05-9.0-10.0 SO 22J0836-12 22J0836 10/5/2022 N
8270D	1-Methylnaphthalene	90-12-0	NA	mg/kg	0.19 U	0.25
8270D	2,4,5-Trichlorophenol	95-95-4	NA	mg/kg	0.38 U	0.4 U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	mg/kg	0.38 U	0.4 U
8270D	2,4-Dichlorophenol	120-83-2	NA	mg/kg	0.38 U	0.4 U
8270D	2,4-Dimethylphenol	105-67-9	NA	mg/kg	0.38 U	0.4 U
8270D	2,4-Dinitrophenol	51-28-5	NA	mg/kg	0.73 U	0.78 U
8270D	2,4-Dinitrotoluene	121-14-2	NA	mg/kg	0.38 U	0.4 U
8270D	2,6-Dinitrotoluene	606-20-2	NA	mg/kg	0.38 U	0.4 U
8270D	2-Chloronaphthalene	91-58-7	NA	mg/kg	0.38 U	0.4 U
8270D	2-Chlorophenol	95-57-8	NA	mg/kg	0.38 U	0.4 U
8270D	2-Methylnaphthalene	91-57-6	NA	mg/kg	0.1 J	0.3
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	mg/kg	0.38 U	0.4 U
8270D	2-Nitroaniline	88-74-4	NA	mg/kg	0.38 U	0.4 U
8270D	2-Nitrophenol	88-75-5	NA	mg/kg	0.38 U	0.4 U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	mg/kg	0.38 U	0.4 U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	mg/kg	0.19 U	0.2 U
8270D	3-Nitroaniline	99-09-2	NA	mg/kg	0.38 U	0.4 U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	mg/kg	0.38 U	0.4 U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	mg/kg	0.38 U	0.4 U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	mg/kg	0.73 U	0.78 U
8270D	4-Chloroaniline	106-47-8	NA	mg/kg	0.73 U	0.78 U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	mg/kg	0.38 U	0.4 U
8270D	4-Nitroaniline	100-01-6	NA	mg/kg	0.38 U	0.4 U
8270D	4-Nitrophenol	100-02-7	NA	mg/kg	0.73 U	0.78 U
8270D	Acenaphthene	83-32-9	NA	mg/kg	0.19 U	0.2 U
8270D	Acenaphthylene	208-96-8	NA	mg/kg	0.083 J	0.2 U
8270D	Acetophenone	98-86-2	NA	mg/kg	0.38 U	0.4 U
8270D	Aniline	62-53-3	NA	mg/kg	0.38 U	0.4 U
8270D	Anthracene	120-12-7	NA	mg/kg	0.083 J	0.2 U
8270D	Benidine	92-87-5	NA	mg/kg	0.73 U	0.78 U
8270D	Benzo(A)Anthracene	56-55-3	NA	mg/kg	0.46	0.26
8270D	Benzo(A)Pyrene	50-32-8	NA	mg/kg	0.37	0.24
8270D	Benzo(B)Fluoranthene	205-99-2	NA	mg/kg	0.58	0.36
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	mg/kg	0.19	0.14 J
8270D	Benzo(K)Fluoranthene	207-08-9	NA	mg/kg	0.22	0.15 J
8270D	Benzoic Acid	65-85-0	NA	mg/kg	1.1 U	1.2 U
8270D	Benzyl Butyl Phthalate	85-68-7	NA	mg/kg	0.38 U	0.4 U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	mg/kg	0.38 U	0.4 U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	mg/kg	0.38 U	0.4 U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	mg/kg	0.38 U	0.4 U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	mg/kg	0.38 U	0.4 U
8270D	Carbazole	86-74-8	NA	mg/kg	0.19 U	0.2 U
8270D	Chrysene	218-01-9	NA	mg/kg	0.45	0.31
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	mg/kg	0.19 U	0.2 U
8270D	Dibenzofuran	132-64-9	NA	mg/kg	0.38 U	0.099 J
8270D	Diethyl Phthalate	84-66-2	NA	mg/kg	0.38 U	0.4 U
8270D	Dimethyl Phthalate	131-11-3	NA	mg/kg	0.38 U	0.4 U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	mg/kg	0.38 U	0.4 U
8270D	Di-N-Octylphthalate	117-84-0	NA	mg/kg	0.38 U	0.4 U

Analytical Method		Chemical Name	CAS_RN	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-05 CPB-SB-05-5.0-6.0 SO 22J0836-11 22J0836 10/5/2022 N	CPB-SB-05 CPB-SB-05-9.0-10.0 SO 22J0836-12 22J0836 10/5/2022 N
8270D	Fluoranthene		206-44-0	NA	mg/kg	0.8
8270D	Fluorene		86-73-7	NA	mg/kg	0.19 U
8270D	Hexachlorobenzene		118-74-1	NA	mg/kg	0.38 U
8270D	Hexachlorobutadiene		87-68-3	NA	mg/kg	0.38 U
8270D	Hexachlorocyclopentadiene		77-47-4	NA	mg/kg	0.38 U
8270D	Hexachloroethane		67-72-1	NA	mg/kg	0.38 U
8270D	Indeno(1,2,3-C,D)Pyrene		193-39-5	NA	mg/kg	0.27
8270D	Isophorone		78-59-1	NA	mg/kg	0.38 U
8270D	Naphthalene		91-20-3	NA	mg/kg	0.089 J
8270D	Nitrobenzene		98-95-3	NA	mg/kg	0.38 U
8270D	N-Nitrosodimethylamine		62-75-9	NA	mg/kg	0.38 U
8270D	N-Nitrosodi-N-Propylamine		621-64-7	NA	mg/kg	0.38 U
8270D	N-Nitrosodiphenylamine		86-30-6	NA	mg/kg	0.38 U
8270D	Pentachloronitrobenzene		82-68-8	NA	mg/kg	0.38 U
8270D	Pentachlorophenol		87-86-5	NA	mg/kg	0.38 U
8270D	Phenanthrene		85-01-8	NA	mg/kg	0.29
8270D	Phenol		108-95-2	NA	mg/kg	0.38 U
8270D	Pyrene		129-00-0	NA	mg/kg	0.79
8270D	Pyridine		110-86-1	NA	mg/kg	0.38 U
A2540G	Solids, Percent		SOLID	NA	%	89.9
E537	11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid		763051-92-9	NA	ug/kg	
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid		39108-34-4	NA	ug/kg	
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid		757124-72-4	NA	ug/kg	
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid		27619-97-2	NA	ug/kg	
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)		919005-14-4	NA	ug/kg	
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid		756426-58-1	NA	ug/kg	
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)		13252-13-6	NA	ug/kg	
E537	N-ethyl perfluorooctanesulfonamidoacetic acid		2991-50-6	NA	ug/kg	
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NA	ug/kg	
E537	Nonafluoro-3,6-dioxahexanoic acid		151772-58-6	NA	ug/kg	
E537	Perfluoro(2-ethoxyethane)sulfonic acid		113507-82-7	NA	ug/kg	
E537	Perfluoro-1-butanedisulfonamide (FBSA)		30334-69-1	NA	ug/kg	
E537	Perfluoro-1-hexanesulfonamide (FHxSA)		41997-13-1	NA	ug/kg	
E537	Perfluoro-3-methoxypropanoic acid		377-73-1	NA	ug/kg	
E537	Perfluoro-4-methoxybutanoic acid		863090-89-5	NA	ug/kg	
E537	Perfluorobutanesulfonic acid (PFBS)		375-73-5	NA	ug/kg	
E537	Perfluorobutanoic Acid		375-22-4	NA	ug/kg	
E537	Perfluorodecanesulfonic acid (PFDS)		335-77-3	NA	ug/kg	
E537	Perfluorodecanoic acid (PFDA)		335-76-2	NA	ug/kg	
E537	Perfluorododecanoic acid (PFDoA)		307-55-1	NA	ug/kg	
E537	Perfluoroheptanesulfonic acid (PFHpS)		375-92-8	NA	ug/kg	
E537	Perfluoroheptanoic acid (PFHpA)		375-85-9	NA	ug/kg	
E537	Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NA	ug/kg	
E537	Perfluorohexanoic acid (PFHxA)		307-24-4	NA	ug/kg	
E537	Perfluorononanesulfonic acid (PFNS)		68259-12-1	NA	ug/kg	
E537	Perfluorononanoic acid (PFNA)		375-95-1	NA	ug/kg	
E537	Perfluorooctane Sulfonamide (FOSA)		754-91-6	NA	ug/kg	
E537	Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NA	ug/kg	
E537	Perfluorooctanoic acid (PFOA)		335-67-1	NA	ug/kg	

Analytical Method	Chemical Name	CAS_RN	Location ID		CPB-SB-05 CPB-SB-05-5.0-6.0 SO 22J0836-11 22J0836 10/5/2022 N	CPB-SB-05 CPB-SB-05-9.0-10.0 SO 22J0836-12 22J0836 10/5/2022 N
			Sample ID Matrix	Sample ID SDG		
			FRACTION	Unit		
E537	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	NA	ug/kg		
E537	Perfluoropentanoic Acid (PFPeA)	2706-90-3	NA	ug/kg		
E537	Perfluorotetradecanoic acid (PFTA)	376-06-7	NA	ug/kg		
E537	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	NA	ug/kg		
E537	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NA	ug/kg		
LLOYDKAHN	Total Organic Carbon	TOC	NA	mg/kg		
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/kg		
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NA	ug/kg		
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/kg		
SW8151	Dalapon	75-99-0	NA	ug/kg		
SW8151	Dicamba	1918-00-9	NA	ug/kg		
SW8151	Dichloroprop	120-36-5	NA	ug/kg		
SW8151	Dinoseb	88-85-7	NA	ug/kg		
SW8151	MCPA	94-74-6	NA	ug/kg		
SW8151	Mecoprop	93-65-2	NA	ug/kg		
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/kg		
SW8270	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/kg	19 U	4.1 U
SW9014	Cyanide	57-12-5	T	mg/kg		
SW9071	Total Petroleum Hydrocarbons - Non-Polar Material - Sgt Hem	TPHNONPOLAR	T	mg/kg		

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	CPB-SB-EB-01 WQ 2211487-01 2211487 10/11/2022 EB	CPB-SB-EB-02 WQ 2211487-02 2211487 10/11/2022 EB
6010C	Aluminum		7429-90-5	T	mg/l	0.05 U	0.05 U
6010C	Antimony		7440-36-0	T	mg/l	0.05 U	0.05 U
6010C	Arsenic		7440-38-2	T	mg/l	0.01 U	0.01 U
6010C	Arsenic		7440-38-2	TCLP	mg/l	0.05 U	0.05 U
6010C	Barium		7440-39-3	T	mg/l	0.05 U	0.05 U
6010C	Barium		7440-39-3	TCLP	mg/l	0.12 U	0.5 U
6010C	Beryllium		7440-41-7	T	mg/l	0.004 U	0.004 U
6010C	Boron		7440-42-8	T	mg/l	0.1 U	0.1 U
6010C	Cadmium		7440-43-9	T	mg/l	0.004 U	0.004 U
6010C	Cadmium		7440-43-9	TCLP	mg/l	0.01 U	0.01 U
6010C	Calcium		7440-70-2	T	mg/l	0.8	0.3 U
6010C	Chromium, Total		7440-47-3	T	mg/l	0.01 U	0.01 U
6010C	Chromium, Total		7440-47-3	TCLP	mg/l	0.05 U	0.05 U
6010C	Cobalt		7440-48-4	T	mg/l	0.01 U	0.01 U
6010C	Copper		7440-50-8	T	mg/l	0.0069 U	0.01 U
6010C	Iron		7439-89-6	T	mg/l	0.022 U	0.031 U
6010C	Lead		7439-92-1	T	mg/l	0.01 U	0.01 U
6010C	Lead		7439-92-1	TCLP	mg/l	0.1 U	0.1 U
6010C	Magnesium		7439-95-4	T	mg/l	0.016 U	0.05 U
6010C	Manganese		7439-96-5	T	mg/l	0.01 U	0.01 U
6010C	Nickel		7440-02-0	T	mg/l	0.01 U	0.01 U
6010C	Potassium		7440-09-7	T	mg/l	2 U	2 U
6010C	Selenium		7782-49-2	T	mg/l	0.05 U	0.05 U
6010C	Selenium		7782-49-2	TCLP	mg/l	0.05 U	0.05 U
6010C	Silver		7440-22-4	T	mg/l	0.01 U	0.01 U
6010C	Silver		7440-22-4	TCLP	mg/l	0.05 U	0.05 U
6010C	Sodium		7440-23-5	T	mg/l	2 U	2 U
6010C	Thallium		7440-28-0	T	mg/l	0.05 U	0.05 U
6010C	Vanadium		7440-62-2	T	mg/l	0.01 U	0.01 U
6010C	Zinc		7440-66-6	T	mg/l	0.01 U	0.01 U
7471B	Mercury		7439-97-6	T	mg/l	0.0001 U	0.0001 U
7471B	Mercury		7439-97-6	TCLP	mg/l	0.00049 U	0.00047 U
8081B	Alachlor		15972-60-8	NA	ug/l	0.2 U	
8081B	Aldrin		309-00-2	NA	ug/l	0.049 U	
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)		319-84-6	NA	ug/l	0.049 U	
8081B	Alpha Endosulfan		959-98-8	NA	ug/l	0.049 U	
8081B	Beta BHC (Beta Hexachlorocyclohexane)		319-85-7	NA	ug/l	0.049 U	
8081B	Beta Endosulfan		33213-65-9	NA	ug/l	0.078 U	
8081B	Chlordane		57-74-9	NA	ug/l	0.2 U	
8081B	Delta BHC (Delta Hexachlorocyclohexane)		319-86-8	NA	ug/l	0.049 U	
8081B	Dieldrin		60-57-1	NA	ug/l	0.002 U	
8081B	Endosulfan Sulfate		1031-07-8	NA	ug/l	0.078 U	
8081B	Endrin		72-20-8	NA	ug/l	0.078 U	
8081B	Endrin Aldehyde		7421-93-4	NA	ug/l	0.078 U	
8081B	Endrin Ketone		53494-70-5	NA	ug/l	0.078 U	
8081B	Gamma BHC (Lindane)		58-89-9	NA	ug/l	0.029 U	
8081B	Heptachlor		76-44-8	NA	ug/l	0.049 U	
8081B	Heptachlor Epoxide		1024-57-3	NA	ug/l	0.049 U	
8081B	Hexachlorobenzene		118-74-1	NA	ug/l	0.049 U	

Location ID							CPB-SB-EB-01	CPB-SB-EB-02
Sample ID							WQ	WQ
Matrix							2211487-01	2211487-02
Lab Sample ID							2211487	2211487
SDG							10/11/2022	10/11/2022
Sample Date							EB	EB
Sample Type Code								
Analytical Method	Chemical Name	CAS RN	FRACTION	Unit				
8081B	Methoxychlor	72-43-5	NA	ug/l		0.49U		
8081B	P,P'-DDD	72-54-8	NA	ug/l		0.039U		
8081B	P,P'-DDE	72-55-9	NA	ug/l		0.039U		
8081B	P,P'-DDT	50-29-3	NA	ug/l		0.039U		
8081B	Toxaphene	8001-35-2	NA	ug/l		0.98U		
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	ug/l		0.21U		
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	ug/l		0.21U		
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	ug/l		0.21U		
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	ug/l		0.21U		
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	ug/l		0.21U		
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	ug/l		0.21U		
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	ug/l		0.21U		
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	ug/l		0.21U		
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	ug/l		0.21U		
8260C	1,1,1,2-Tetrachloroethane	630-20-6	NA	ug/l		1U		
8260C	1,1,1-Trichloroethane (TCA)	71-55-6	NA	ug/l		1U		
8260C	1,1,2,2-Tetrachloroethane	79-34-5	NA	ug/l		0.5U		
8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NA	ug/l		1U		
8260C	1,1,2-Trichloroethane	79-00-5	NA	ug/l		1U		
8260C	1,1-Dichloroethane	75-34-3	NA	ug/l		1U		
8260C	1,1-Dichloroethene	75-35-4	NA	ug/l		1U		
8260C	1,1-Dichloropropene	563-58-6	NA	ug/l		2U		
8260C	1,2,3-Trichlorobenzene	87-61-6	NA	ug/l		5U		
8260C	1,2,3-Trichloropropane	96-18-4	NA	ug/l		2U		
8260C	1,2,4-Trichlorobenzene	120-82-1	NA	ug/l		1U		
8260C	1,2,4-Trimethylbenzene	95-63-6	NA	ug/l		1U		
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	NA	ug/l		5U		
8260C	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	ug/l		0.5U		
8260C	1,2-Dichlorobenzene	95-50-1	NA	ug/l		1U		
8260C	1,2-Dichloroethane	107-06-2	NA	ug/l		1U		
8260C	1,2-Dichloropropane	78-87-5	NA	ug/l		1U		
8260C	1,3,5-Trichlorobenzene	108-70-3	NA	ug/l		1U		
8260C	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	ug/l		1U		
8260C	1,3-Dichlorobenzene	541-73-1	NA	ug/l		1U		
8260C	1,3-Dichloropropane	142-28-9	NA	ug/l		0.5U		
8260C	1,4-Dichlorobenzene	106-46-7	NA	ug/l		1U		
8260C	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/l		50U		
8260C	2,2-Dichloropropane	594-20-7	NA	ug/l		1U		
8260C	2-Chlorotoluene	95-49-8	NA	ug/l		1U		
8260C	2-Hexanone	591-78-6	NA	ug/l		10U		
8260C	2-Methoxy-2-Methylbutane	994-05-8	NA	ug/l		0.5U		
8260C	4-Chlorotoluene	106-43-4	NA	ug/l		1U		
8260C	Acetone	67-64-1	NA	ug/l		6.1J		
8260C	Acrylonitrile	107-13-1	NA	ug/l		5U		
8260C	Benzene	71-43-2	NA	ug/l		1U		
8260C	Bromobenzene	108-86-1	NA	ug/l		1U		
8260C	Bromochloromethane	74-97-5	NA	ug/l		1U		
8260C	Bromodichloromethane	75-27-4	NA	ug/l		0.5U		
8260C	Bromoform	75-25-2	NA	ug/l		1U		

Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code				CPB-SB-EB-01 WQ 22J1487-01 22J1487 10/11/2022 EB		CPB-SB-EB-02 WQ 22J1487-02 22J1487 10/11/2022 EB	
Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit			
8260C	Bromomethane	74-83-9	NA	ug/l	2U		
8260C	Carbon Disulfide	75-15-0	NA	ug/l	5U		
8260C	Carbon Tetrachloride	56-23-5	NA	ug/l	5U		
8260C	Chlorobenzene	108-90-7	NA	ug/l	1U		
8260C	Chloroethane	75-00-3	NA	ug/l	2U		
8260C	Chloroform	67-66-3	NA	ug/l	2U		
8260C	Chloromethane	74-87-3	NA	ug/l	2U		
8260C	Cis-1,2-Dichloroethylene	156-59-2	NA	ug/l	1U		
8260C	Cis-1,3-Dichloropropene	10061-01-5	NA	ug/l	0.5U		
8260C	Cymene	99-87-6	NA	ug/l	1U		
8260C	Dibromochloromethane	124-48-1	NA	ug/l	0.5U		
8260C	Dibromomethane	74-95-3	NA	ug/l	1U		
8260C	Dichlorodifluoromethane	75-71-8	NA	ug/l	2U		
8260C	Diethyl Ether (Ethyl Ether)	60-29-7	NA	ug/l	2U		
8260C	Ethyl Tert-Butyl Ether	637-92-3	NA	ug/l	0.5U		
8260C	Ethylbenzene	100-41-4	NA	ug/l	1U		
8260C	Hexachlorobutadiene	87-68-3	NA	ug/l	0.6U		
8260C	Isopropyl Ether	108-20-3	NA	ug/l	0.5U		
8260C	Isopropylbenzene (Cumene)	98-82-8	NA	ug/l	1U		
8260C	m,p-Xylene	179601-23-1	NA	ug/l	2U		
8260C	Methyl Acetate	79-20-9	NA	ug/l	1U		
8260C	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	ug/l	20U		
8260C	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	ug/l	10U		
8260C	Methylcyclohexane	108-87-2	NA	ug/l	1U		
8260C	Methylene Chloride	75-09-2	NA	ug/l	5U		
8260C	Naphthalene	91-20-3	NA	ug/l	2U		
8260C	N-Butylbenzene	104-51-8	NA	ug/l	1U		
8260C	N-Propylbenzene	103-65-1	NA	ug/l	1U		
8260C	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	ug/l	1U		
8260C	Sec-Butylbenzene	135-98-8	NA	ug/l	1U		
8260C	Styrene	100-42-5	NA	ug/l	1U		
8260C	T-Butylbenzene	98-06-6	NA	ug/l	1U		
8260C	Tert-Butyl Alcohol	75-65-0	NA	ug/l	20U		
8260C	Tert-Butyl Methyl Ether	1634-04-4	NA	ug/l	1U		
8260C	Tetrachloroethylene (PCE)	127-18-4	NA	ug/l	1U		
8260C	Tetrahydrofuran	109-99-9	NA	ug/l	10U		
8260C	Toluene	108-88-3	NA	ug/l	1U		
8260C	Trans-1,2-Dichloroethene	156-60-5	NA	ug/l	1U		
8260C	Trans-1,3-Dichloropropene	10061-02-6	NA	ug/l	0.5U		
8260C	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	ug/l	2U		
8260C	Trichloroethylene (TCE)	79-01-6	NA	ug/l	1U		
8260C	Trichlorofluoromethane	75-69-4	NA	ug/l	2U		
8260C	Vinyl Chloride	75-01-4	NA	ug/l	2U		
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	ug/l	9.9U	10U	
8270D	1,2,4-Trichlorobenzene	120-82-1	NA	ug/l	4.9U	5U	
8270D	1,2-Dichlorobenzene	95-50-1	NA	ug/l	4.9U	5U	
8270D	1,2-Diphenylhydrazine	122-66-7	NA	ug/l	9.9U	10U	
8270D	1,3-Dichlorobenzene	541-73-1	NA	ug/l	4.9U	5U	
8270D	1,4-Dichlorobenzene	106-46-7	NA	ug/l	4.9U	5U	

Analytical Method	Chemical Name	CAS RN	Location ID		CPB-SB-EB-01 WQ 2211487-01 2211487 10/11/2022 EB	CPB-SB-EB-02 WQ 2211487-02 2211487 10/11/2022 EB
			Sample ID Matrix	Sample Type Code		
8270D	1-Methylnaphthalene	90-12-0	NA	ug/l	4.9 U	5 U
8270D	2,4,5-Trichlorophenol	95-95-4	NA	ug/l	9.9 U	10 U
8270D	2,4,6-Trichlorophenol	88-06-2	NA	ug/l	9.9 U	10 U
8270D	2,4-Dichlorophenol	120-83-2	NA	ug/l	9.9 U	10 U
8270D	2,4-Dimethylphenol	105-67-9	NA	ug/l	9.9 U	10 U
8270D	2,4-Dinitrophenol	51-28-5	NA	ug/l	9.9 U	10 U
8270D	2,4-Dinitrotoluene	121-14-2	NA	ug/l	9.9 U	10 U
8270D	2,6-Dinitrotoluene	606-20-2	NA	ug/l	9.9 U	10 U
8270D	2-Chloronaphthalene	91-58-7	NA	ug/l	9.9 U	10 U
8270D	2-Chlorophenol	95-57-8	NA	ug/l	9.9 U	10 U
8270D	2-Methylnaphthalene	91-57-6	NA	ug/l	4.9 U	5 U
8270D	2-Methylphenol (O-Cresol)	95-48-7	NA	ug/l	9.9 U	10 U
8270D	2-Nitroaniline	88-74-4	NA	ug/l	9.9 U	10 U
8270D	2-Nitrophenol	88-75-5	NA	ug/l	9.9 U	10 U
8270D	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	ug/l	9.9 U	10 U
8270D	3,3'-Dichlorobenzidine	91-94-1	NA	ug/l	9.9 U	10 U
8270D	3-Nitroaniline	99-09-2	NA	ug/l	9.9 U	10 U
8270D	4,6-Dinitro-2-Methylphenol	534-52-1	NA	ug/l	9.9 U	10 U
8270D	4-Bromophenyl Phenyl Ether	101-55-3	NA	ug/l	9.9 U	10 U
8270D	4-Chloro-3-Methylphenol	59-50-7	NA	ug/l	9.9 U	10 U
8270D	4-Chloroaniline	106-47-8	NA	ug/l	9.9 U	10 U
8270D	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	ug/l	9.9 U	10 U
8270D	4-Nitroaniline	100-01-6	NA	ug/l	9.9 U	10 U
8270D	4-Nitrophenol	100-02-7	NA	ug/l	9.9 U	10 U
8270D	Acenaphthene	83-32-9	NA	ug/l	4.9 U	5 U
8270D	Acenaphthylene	208-96-8	NA	ug/l	4.9 U	5 U
8270D	Acetophenone	98-86-2	NA	ug/l	9.9 U	10 U
8270D	Aniline	62-53-3	NA	ug/l	4.9 U	5 U
8270D	Anthracene	120-12-7	NA	ug/l	4.9 U	5 U
8270D	Benidine	92-87-5	NA	ug/l	20 U	20 U
8270D	Benzo(A)Anthracene	56-55-3	NA	ug/l	4.9 U	5 U
8270D	Benzo(A)Pyrene	50-32-8	NA	ug/l	4.9 U	5 U
8270D	Benzo(B)Fluoranthene	205-99-2	NA	ug/l	4.9 U	5 U
8270D	Benzo(G,H,I)Perylene	191-24-2	NA	ug/l	4.9 U	5 U
8270D	Benzo(K)Fluoranthene	207-08-9	NA	ug/l	4.9 U	5 U
8270D	Benzoic Acid	65-85-0	NA	ug/l	9.9 U	10 U
8270D	Benzyl Butyl Phthalate	85-68-7	NA	ug/l	9.9 U	10 U
8270D	Bis(2-Chloroethoxy) Methane	111-91-1	NA	ug/l	9.9 U	10 U
8270D	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	ug/l	9.9 U	10 U
8270D	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	ug/l	9.9 U	10 U
8270D	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	ug/l	9.9 U	10 U
8270D	Carbazole	86-74-8	NA	ug/l	9.9 U	10 U
8270D	Chrysene	218-01-9	NA	ug/l	4.9 U	5 U
8270D	Dibenz(A,H)Anthracene	53-70-3	NA	ug/l	4.9 U	5 U
8270D	Dibenzofuran	132-64-9	NA	ug/l	4.9 U	5 U
8270D	Diethyl Phthalate	84-66-2	NA	ug/l	9.9 U	10 U
8270D	Dimethyl Phthalate	131-11-3	NA	ug/l	9.9 U	10 U
8270D	Di-N-Butyl Phthalate	84-74-2	NA	ug/l	9.9 U	10 U
8270D	Di-N-Octylphthalate	117-84-0	NA	ug/l	9.9 U	10 U

Location ID				CPB-SB-EB-01	CPB-SB-EB-02
Sample ID	Matrix	Lab Sample ID	SDG	WQ	WQ
Sample Date	Sample Type Code			2211487	2211487
				10/11/2022	10/11/2022
				EB	EB
Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	
8270D	Fluoranthene	206-44-0	NA	ug/l	4.9U
8270D	Fluorene	86-73-7	NA	ug/l	4.9U
8270D	Hexachlorobenzene	118-74-1	NA	ug/l	9.9U
8270D	Hexachlorobutadiene	87-68-3	NA	ug/l	9.9U
8270D	Hexachlorocyclopentadiene	77-47-4	NA	ug/l	9.9U
8270D	Hexachloroethane	67-72-1	NA	ug/l	9.9U
8270D	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	ug/l	4.9U
8270D	Isophorone	78-59-1	NA	ug/l	9.9U
8270D	Naphthalene	91-20-3	NA	ug/l	4.9U
8270D	Nitrobenzene	98-95-3	NA	ug/l	9.9U
8270D	N-Nitrosodimethylamine	62-75-9	NA	ug/l	9.9U
8270D	N-Nitrosodi-N-Propylamine	621-64-7	NA	ug/l	9.9U
8270D	N-Nitrosodiphenylamine	86-30-6	NA	ug/l	9.9U
8270D	Pentachloronitrobenzene	82-68-8	NA	ug/l	9.9U
8270D	Pentachlorophenol	87-86-5	NA	ug/l	9.9U
8270D	Phenanthrene	85-01-8	NA	ug/l	4.9U
8270D	Phenol	108-95-2	NA	ug/l	9.9U
8270D	Pyrene	129-00-0	NA	ug/l	4.9U
8270D	Pyridine	110-86-1	NA	ug/l	4.9U
E1664	Sgt. Hem (Oil And Grease - Nonpolar	OILGREASENONP	T	mg/l	1.5U
E537	11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	T	ng/l	1.9U
E537	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	T	ng/l	1.9U
E537	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	T	ng/l	1.9U
E537	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	T	ng/l	1.9U
E537	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	T	ng/l	1.9U
E537	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	T	ng/l	1.9U
E537	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	T	ng/l	1.9U
E537	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	T	ng/l	1.9U
E537	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	T	ng/l	1.9U
E537	Nonafluoro-3,6-dioxahexanoic acid	151772-58-6	T	ng/l	1.9U
E537	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	T	ng/l	1.9U
E537	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	T	ng/l	1.9U
E537	Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	T	ng/l	1.9U
E537	Perfluoro-3-methoxypropanoic acid	377-73-1	T	ng/l	1.9U
E537	Perfluoro-4-methoxybutanoic acid	863090-89-5	T	ng/l	1.9U
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	ng/l	1.9U
E537	Perfluorobutanoic Acid	375-22-4	T	ng/l	1.9U
E537	Perfluorodecanesulfonic acid (PFDS)	335-77-3	T	ng/l	1.9U
E537	Perfluorodecanoic acid (PFDA)	335-76-2	T	ng/l	1.9U
E537	Perfluorododecanoic acid (PFDoA)	307-55-1	T	ng/l	1.9U
E537	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	T	ng/l	1.9U
E537	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	ng/l	1.9U
E537	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	ng/l	1.9U
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	T	ng/l	1.9U
E537	Perfluorononanesulfonic Acid (PFNS)	68259-12-1	T	ng/l	1.9U
E537	Perfluorononanoic acid (PFNA)	375-95-1	T	ng/l	1.9U
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	T	ng/l	1.9U
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	ng/l	1.9U
E537	Perfluorooctanoic acid (PFOA)	335-67-1	T	ng/l	1.9U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-SB-EB-01 WQ 2211487-01 2211487 10/11/2022 EB	CPB-SB-EB-02 WQ 2211487-02 2211487 10/11/2022 EB
E537		Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	T	ng/l		1.9 U	
E537		Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	ng/l		1.9 U	
E537		Perfluorotetradecanoic acid (PFTA)	376-06-7	T	ng/l		1.9 U	
E537		Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	T	ng/l		1.9 U	
E537		Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	ng/l		1.9 U	
SW8151		2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/l		0.52 U	
SW8151		2,4-D (Dichlorophenoxy)acetic Acid	94-75-7	NA	ug/l		0.52 U	
SW8151		Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/l		0.1 U	
SW8151		Dalapon	75-99-0	NA	ug/l		1.3 U	
SW8151		Dicamba	1918-00-9	NA	ug/l		0.052 U	
SW8151		Dichloroprop	120-36-5	NA	ug/l		0.52 U	
SW8151		Dinoseb	88-85-7	NA	ug/l		0.26 U	
SW8151		MCPA	94-74-6	NA	ug/l		52 U	
SW8151		Mecoprop	93-65-2	NA	ug/l		52 U	
SW8151		Silvex (2,4,5-TP)	93-72-1	NA	ug/l		0.052 U	
SW8270DSIM		1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/l		0.21 U	0.21 U
SW9014		Cyanide	57-12-5	T	mg/l		0.0052 J	

ATTACHMENT A-2 VALIDATED LABORATORY DATA FOR GROUNDWATER SAMPLES

Location ID					CPB-MW-EB-01 WQ 22L1289-04 12/6/2022 EB	CPB-MW-FB-01 WQ 22L1289-05 12/6/2022 FB	CPB-MW-01-2022-1206 WG 22L1032-01 22L1032 12/6/2022 N	CPB-MW-02-2022-12-06 WG 22L1289-03 22L1289 12/6/2022 N
Sample ID	Matrix	Sample Type Code						
Lab Sample ID	SDG	Sample Date	Sample Type Code					
Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit				
6010C	Aluminum	7429-90-5	T	mg/l	0.05 U		0.05 U	0.05 U
6010C	Antimony	7440-36-0	T	mg/l	0.05 U		0.05 U	0.05 U
6010C	Arsenic	7440-38-2	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Arsenic	7440-38-2	TCLP	mg/l	0.05 U		0.05 U	0.05 U
6010C	Barium	7440-39-3	T	mg/l	0.05 U		0.061	0.045 J
6010C	Barium	7440-39-3	TCLP	mg/l	0.5 U		0.06 J	0.046 J
6010C	Beryllium	7440-41-7	T	mg/l	0.004 U		0.004 U	0.004 U
6010C	Boron	7440-42-8	T	mg/l	0.1 U		0.63	1.5
6010C	Cadmium	7440-43-9	T	mg/l	0.004 U		0.004 U	0.004 U
6010C	Cadmium	7440-43-9	TCLP	mg/l	0.01 U		0.01 U	0.01 U
6010C	Calcium	7440-70-2	T	mg/l	0.17 J		33	67
6010C	Chromium, Total	7440-47-3	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Chromium, Total	7440-47-3	TCLP	mg/l	0.05 U		0.05 U	0.05 U
6010C	Cobalt	7440-48-4	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Copper	7440-50-8	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Iron	7439-89-6	T	mg/l	0.025 J		0.026 J	0.029 J
6010C	Lead	7439-92-1	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Lead	7439-92-1	TCLP	mg/l	0.1 U		0.1 U	0.1 U
6010C	Magnesium	7439-95-4	T	mg/l	0.033 J		6.5	13
6010C	Manganese	7439-96-5	T	mg/l	0.01 U		0.01 U	0.0068 J
6010C	Nickel	7440-02-0	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Potassium	7440-09-7	T	mg/l	2 U		1.2 J	0.87 J
6010C	Selenium	7782-49-2	T	mg/l	0.05 U		0.05 U	0.05 U
6010C	Selenium	7782-49-2	TCLP	mg/l	0.05 U		0.05 U	0.05 U
6010C	Silver	7440-22-4	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Silver	7440-22-4	TCLP	mg/l	0.05 U		0.05 U	0.05 U
6010C	Sodium	7440-23-5	T	mg/l	0.85 J		150	170
6010C	Thallium	7440-28-0	T	mg/l	0.05 U		0.05 U	0.05 U
6010C	Vanadium	7440-62-2	T	mg/l	0.01 U		0.01 U	0.01 U
6010C	Zinc	7440-66-6	T	mg/l	0.01 U		0.01 U	0.01 U
7471B	Mercury	7439-97-6	T	mg/l	0.0001 U		0.0001 U	0.0001 U
7471B	Mercury	7439-97-6	TCLP	mg/l	0.0001 U		0.0001 U	0.0001 U
8081B	Alachlor	15972-60-8	NA	ug/l	0.22 UJ		0.2 U	0.2 U
8081B	Aldrin	309-00-2	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Alpha Bhc (Alpha Hexachlorocyclohexane)	319-84-6	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Alpha Endosulfan	959-98-8	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Beta Endosulfan	33213-65-9	NA	ug/l	0.087 UJ		0.082 U	0.082 U
8081B	Chlordane	57-74-9	NA	ug/l	0.22 UJ		0.2 U	0.2 U
8081B	Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Dieldrin	60-57-1	NA	ug/l	0.0022 UJ		0.002 U	0.002 U
8081B	Endosulfan Sulfate	1031-07-8	NA	ug/l	0.087 UJ		0.082 U	0.082 U
8081B	Endrin	72-20-8	NA	ug/l	0.087 UJ		0.082 U	0.082 U
8081B	Endrin Aldehyde	7421-93-4	NA	ug/l	0.087 UJ		0.082 U	0.082 U
8081B	Endrin Ketone	53494-70-5	NA	ug/l	0.087 UJ		0.082 U	0.082 U
8081B	Gamma Bhc (Lindane)	58-89-9	NA	ug/l	0.033 UJ		0.031 U	0.031 U
8081B	Heptachlor	76-44-8	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Heptachlor Epoxide	1024-57-3	NA	ug/l	0.054 UJ		0.051 U	0.051 U
8081B	Hexachlorobenzene	118-74-1	NA	ug/l	0.054 UJ		0.051 U	0.051 U

Location ID										CPB-MW-EB-01		CPB-MW-FB-01		CPB-MW-01-2022-1206		CPB-MW-02-2022-12-06	
Sample ID Matrix										WQ		WQ		WG		WG	
Lab Sample ID SDG										22L1289-04		22L1289-05		22L1032-01		22L1289-03	
Sample Date										12/6/2022		12/6/2022		12/6/2022		12/6/2022	
Sample Type Code										EB		FB		N		N	
Analytical Method		Chemical Name		CAS_RN		FRACTION		Unit									
8081B		Methoxychlor		72-43-5		NA	ug/l		0.54	UJ			0.51	U		0.51	U
8081B		P,P'-DDD		72-54-8		NA	ug/l		0.043	UJ			0.041	U		0.041	U
8081B		P,P'-DDE		72-55-9		NA	ug/l		0.043	UJ			0.041	U		0.041	U
8081B		P,P'-DDT		50-29-3		NA	ug/l		0.043	UJ			0.041	U		0.041	U
8081B		Toxaphene		8001-35-2		NA	ug/l		1.1	UJ			1	U		1	U
8082A		PCB-1016 (Aroclor 1016)		12674-11-2		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1221 (Aroclor 1221)		11104-28-2		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1232 (Aroclor 1232)		11141-16-5		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1242 (Aroclor 1242)		53469-21-9		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1248 (Aroclor 1248)		12672-29-6		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1254 (Aroclor 1254)		11097-69-1		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1260 (Aroclor 1260)		11096-82-5		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1262 (Aroclor 1262)		37324-23-5		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8082A		PCB-1268 (Aroclor 1268)		11100-14-4		NA	ug/l		0.22	UJ			0.2	U		0.2	U
8260D		1,1,1,2-Tetrachloroethane		630-20-6		NA	ug/l		1	U			1	U		1	U
8260D		1,1,1-Trichloroethane (TCA)		71-55-6		NA	ug/l		1	U			1	U		1	U
8260D		1,1,2,2-Tetrachloroethane		79-34-5		NA	ug/l		0.5	U			0.5	U		0.5	U
8260D		1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1		NA	ug/l		1	UJ			1	U		1	U
8260D		1,1,2-Trichloroethane		79-00-5		NA	ug/l		1	U			1	U		1	U
8260D		1,1-Dichloroethane		75-34-3		NA	ug/l		1	U			1	U		1	U
8260D		1,1-Dichloroethene		75-35-4		NA	ug/l		1	UJ			1	U		1	U
8260D		1,1-Dichloropropene		563-58-6		NA	ug/l		2	U			2	U		2	U
8260D		1,2,3-Trichlorobenzene		87-61-6		NA	ug/l		5	U			5	U		5	U
8260D		1,2,3-Trichloropropane		96-18-4		NA	ug/l		2	U			2	U		2	U
8260D		1,2,4-Trichlorobenzene		120-82-1		NA	ug/l		1	U			1	U		1	U
8260D		1,2,4-Trimethylbenzene		95-63-6		NA	ug/l		1	U			1	U		1	U
8260D		1,2-Dibromo-3-Chloropropane		96-12-8		NA	ug/l		5	UJ			5	UJ		5	U
8260D		1,2-Dibromoethane (Ethylene Dibromide)		106-93-4		NA	ug/l		0.5	U			0.5	U		0.5	U
8260D		1,2-Dichlorobenzene		95-50-1		NA	ug/l		1	U			1	U		1	U
8260D		1,2-Dichloroethane		107-06-2		NA	ug/l		1	U			1	U		1	U
8260D		1,2-Dichloropropane		78-87-5		NA	ug/l		1	U			1	U		1	U
8260D		1,3,5-Trichlorobenzene		108-70-3		NA	ug/l		1	U			1	U		1	U
8260D		1,3,5-Trimethylbenzene (Mesitylene)		108-67-8		NA	ug/l		1	U			1	U		1	U
8260D		1,3-Dichlorobenzene		541-73-1		NA	ug/l		1	U			1	U		1	U
8260D		1,3-Dichloropropane		142-28-9		NA	ug/l		0.5	U			0.5	U		0.5	U
8260D		1,4-Dichlorobenzene		106-46-7		NA	ug/l		1	U			1	U		1	U
8260D		1,4-Dioxane (P-Dioxane)		123-91-1		NA	ug/l		50	UJ			50	U		50	U
8260D		2,2-Dichloropropane		594-20-7		NA	ug/l		1	UJ			1	UJ		1	U
8260D		2-Chlorotoluene		95-49-8		NA	ug/l		1	U			1	U		1	U
8260D		2-Hexanone		591-78-6		NA	ug/l		10	U			10	U		10	U
8260D		2-Methoxy-2-Methylbutane		994-05-8		NA	ug/l		0.5	U			0.5	U		0.5	U
8260D		4-Chlorotoluene		106-43-4		NA	ug/l		1	U			1	U		1	U
8260D		Acetone		67-64-1		NA	ug/l		4	J			50	U		50	U
8260D		Acrylonitrile		107-13-1		NA	ug/l		5	U			5	U		5	U
8260D		Benzene		71-43-2		NA	ug/l		1	U			1	U		1	U
8260D		Bromobenzene		108-86-1		NA	ug/l		1	U			1	U		1	U
8260D		Bromochloromethane		74-97-5		NA	ug/l		1	U			1	U		1	U
8260D		Bromodichloromethane		75-27-4		NA	ug/l		0.5	U			0.5	U		0.5	U
8260D		Bromoform		75-25-2		NA	ug/l		1	U			1	UJ		1	UJ

Location ID					CPB-MW-EB-01 WQ 22L1289-04 12/6/2022 EB	CPB-MW-FB-01 WQ 22L1289-05 12/6/2022 FB	CPB-MW-01-2022-1206 WG 22L1032-01 22L1032 12/6/2022 N	CPB-MW-02-2022-12-06 WG 22L1289-03 22L1289 12/6/2022 N
Sample ID	Matrix	Sample Date						
Lab	SDG	Sample Type Code						
Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit				
8260D	Bromomethane	74-83-9	NA	ug/l	2U		2U	2U
8260D	Carbon Disulfide	75-15-0	NA	ug/l	5UJ		5U	5U
8260D	Carbon Tetrachloride	56-23-5	NA	ug/l	5U		5U	5U
8260D	Chlorobenzene	108-90-7	NA	ug/l	1U		1U	1U
8260D	Chloroethane	75-00-3	NA	ug/l	2U		2U	2U
8260D	Chloroform	67-66-3	NA	ug/l	2U		2U	2U
8260D	Chloromethane	74-87-3	NA	ug/l	2U		2UJ	2UJ
8260D	Cis-1,2-Dichloroethylene	156-59-2	NA	ug/l	1U		1U	1U
8260D	Cis-1,3-Dichloropropene	10061-01-5	NA	ug/l	0.5U		0.5U	0.5U
8260D	Cymene	99-87-6	NA	ug/l	1U		1U	1U
8260D	Dibromochloromethane	124-48-1	NA	ug/l	0.5U		0.5U	0.5U
8260D	Dibromomethane	74-95-3	NA	ug/l	1U		1U	1U
8260D	Dichlorodifluoromethane	75-71-8	NA	ug/l	2U		2U	2U
8260D	Diethyl Ether (Ethyl Ether)	60-29-7	NA	ug/l	2UJ		2U	2U
8260D	Ethyl Tert-Butyl Ether	637-92-3	NA	ug/l	0.5U		0.5U	0.5U
8260D	Ethylbenzene	100-41-4	NA	ug/l	1U		1U	1U
8260D	Hexachlorobutadiene	87-68-3	NA	ug/l	0.6U		0.6U	0.6U
8260D	Isopropyl Ether	108-20-3	NA	ug/l	0.5U		0.5U	0.5U
8260D	Isopropylbenzene (Cumene)	98-82-8	NA	ug/l	1U		1U	1U
8260D	m,p-Xylene	179601-23-1	NA	ug/l	2U		2U	2U
8260D	Methyl Acetate	79-20-9	NA	ug/l	1UJ		1UJ	1U
8260D	Methyl Ethyl Ketone (2-Butanone)	78-93-3	NA	ug/l	20U		20U	20U
8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NA	ug/l	10U		10U	10U
8260D	Methylcyclohexane	108-87-2	NA	ug/l	1U		1U	1U
8260D	Methylene Chloride	75-09-2	NA	ug/l	5U		5U	0.51U
8260D	Naphthalene	91-20-3	NA	ug/l	2UJ		2U	2U
8260D	N-Butylbenzene	104-51-8	NA	ug/l	1U		1U	1U
8260D	N-Propylbenzene	103-65-1	NA	ug/l	1U		1U	1U
8260D	O-Xylene (1,2-Dimethylbenzene)	95-47-6	NA	ug/l	1U		1U	1U
8260D	Sec-Butylbenzene	135-98-8	NA	ug/l	1U		1U	1U
8260D	Styrene	100-42-5	NA	ug/l	1U		1U	1U
8260D	T-Butylbenzene	98-06-6	NA	ug/l	1U		1U	1U
8260D	Tert-Butyl Alcohol	75-65-0	NA	ug/l	20UJ		20UJ	20U
8260D	Tert-Butyl Methyl Ether	1634-04-4	NA	ug/l	1U		1U	1UJ
8260D	Tetrachloroethylene (PCE)	127-18-4	NA	ug/l	1U		1U	1U
8260D	Tetrahydrofuran	109-99-9	NA	ug/l	10U		10U	10U
8260D	Toluene	108-88-3	NA	ug/l	1U		1U	1U
8260D	Trans-1,2-Dichloroethene	156-60-5	NA	ug/l	1U		1U	1U
8260D	Trans-1,3-Dichloropropene	10061-02-6	NA	ug/l	0.5U		0.5U	0.5U
8260D	Trans-1,4-Dichloro-2-Butene	110-57-6	NA	ug/l	2UJ		2U	2UJ
8260D	Trichloroethylene (TCE)	79-01-6	NA	ug/l	1U		1U	1U
8260D	Trichlorofluoromethane	75-69-4	NA	ug/l	2UJ		2U	2U
8260D	Vinyl Chloride	75-01-4	NA	ug/l	2U		2U	2U
8270E	1,2,4,5-Tetrachlorobenzene	95-94-3	NA	ug/l	11UJ		10U	10U
8270E	1,2,4-Trichlorobenzene	120-82-1	NA	ug/l	5.6UJ		5.1U	5.1U
8270E	1,2-Dichlorobenzene	95-50-1	NA	ug/l	5.6UJ		5.1U	5.1U
8270E	1,2-Diphenylhydrazine	122-66-7	NA	ug/l	11UJ		10U	10U
8270E	1,3-Dichlorobenzene	541-73-1	NA	ug/l	5.6UJ		5.1U	5.1U
8270E	1,4-Dichlorobenzene	106-46-7	NA	ug/l	5.6UJ		5.1U	5.1U

Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-MW-EB-01 WQ 22L1289-04 22L1289 12/6/2022 EB	CPB-MW-FB-01 WQ 22L1289-05 22L1289 12/6/2022 FB	CPB-MW-01-2022-1206 WG 22L1032-01 22L1032 12/6/2022 N	CPB-MW-02-2022-12-06 WG 22L1289-03 22L1289 12/6/2022 N
8270E	1-Methylnaphthalene	90-12-0	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	2,4,5-Trichlorophenol	95-95-4	NA	ug/l		11UJ		10U	10U
8270E	2,4,6-Trichlorophenol	88-06-2	NA	ug/l		11UJ		10U	10U
8270E	2,4-Dichlorophenol	120-83-2	NA	ug/l		11UJ		10U	10U
8270E	2,4-Dimethylphenol	105-67-9	NA	ug/l		11UJ		10U	10U
8270E	2,4-Dinitrophenol	51-28-5	NA	ug/l		11UJ		10U	10U
8270E	2,4-Dinitrotoluene	121-14-2	NA	ug/l		11UJ		10U	10U
8270E	2,6-Dinitrotoluene	606-20-2	NA	ug/l		11UJ		10U	10U
8270E	2-Chloronaphthalene	91-58-7	NA	ug/l		11UJ		10U	10U
8270E	2-Chlorophenol	95-57-8	NA	ug/l		11UJ		10U	10U
8270E	2-Methylnaphthalene	91-57-6	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	2-Methylphenol (O-Cresol)	95-48-7	NA	ug/l		11UJ		10U	10U
8270E	2-Nitroaniline	88-74-4	NA	ug/l		11UJ		10U	10U
8270E	2-Nitrophenol	88-75-5	NA	ug/l		11UJ		10U	10U
8270E	3- And 4- Methylphenol (Total)	MEPH3MEPH4	NA	ug/l		11UJ		10U	10U
8270E	3,3'-Dichlorobenzidine	91-94-1	NA	ug/l		11UJ		10U	10U
8270E	3-Nitroaniline	99-09-2	NA	ug/l		11UJ		10U	10U
8270E	4,6-Dinitro-2-Methylphenol	534-52-1	NA	ug/l		11UJ		10U	10U
8270E	4-Bromophenyl Phenyl Ether	101-55-3	NA	ug/l		11UJ		10U	10U
8270E	4-Chloro-3-Methylphenol	59-50-7	NA	ug/l		11UJ		10U	10U
8270E	4-Chloroaniline	106-47-8	NA	ug/l		11UJ		10U	10U
8270E	4-Chlorophenyl Phenyl Ether	7005-72-3	NA	ug/l		11UJ		10U	10U
8270E	4-Nitroaniline	100-01-6	NA	ug/l		11UJ		10U	10U
8270E	4-Nitrophenol	100-02-7	NA	ug/l		11UJ		10U	10U
8270E	Acenaphthene	83-32-9	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Acenaphthylene	208-96-8	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Acetophenone	98-86-2	NA	ug/l		11UJ		10U	10U
8270E	Aniline	62-53-3	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Anthracene	120-12-7	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzidine	92-87-5	NA	ug/l		22UJ		20UJ	20UJ
8270E	Benzo(A)Anthracene	56-55-3	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzo(A)Pyrene	50-32-8	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzo(B)Fluoranthene	205-99-2	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzo(G,H,I)Perylene	191-24-2	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzo(K)Fluoranthene	207-08-9	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Benzoic Acid	65-85-0	NA	ug/l		11UJ		10U	10U
8270E	Benzyl Butyl Phthalate	85-68-7	NA	ug/l		11UJ		10U	10U
8270E	Bis(2-Chloroethoxy) Methane	111-91-1	NA	ug/l		11UJ		10U	10U
8270E	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	NA	ug/l		11UJ		10U	10U
8270E	Bis(2-Chloroisopropyl) Ether	108-60-1	NA	ug/l		11UJ		10U	10U
8270E	Bis(2-Ethylhexyl) Phthalate	117-81-7	NA	ug/l		11UJ		10U	10U
8270E	Carbazole	86-74-8	NA	ug/l		11UJ		10U	10U
8270E	Chrysene	218-01-9	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Dibenz(A,H)Anthracene	53-70-3	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Dibenzofuran	132-64-9	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Diethyl Phthalate	84-66-2	NA	ug/l		11UJ		10U	10U
8270E	Dimethyl Phthalate	131-11-3	NA	ug/l		11UJ		10U	10U
8270E	Di-N-Butyl Phthalate	84-74-2	NA	ug/l		11UJ		10U	10U
8270E	Di-N-Octylphthalate	117-84-0	NA	ug/l		11UJ		10U	10U

Analytical Method	Chemical Name	CAS_RN	FRACTION Unit	Location ID		CPB-MW-EB-01 WQ 22L1289-04 12/6/2022 EB	CPB-MW-FB-01 WQ 22L1289-05 12/6/2022 FB	CPB-MW-01-2022-1206 WG 22L1032-01 22L1289 12/6/2022 N	CPB-MW-02-2022-12-06 WG 22L1289-03 22L1289 12/6/2022 N
				Sample ID	Matrix				
				Lab Sample ID	SDG	Sample Type Code			
8270E	Fluoranthene	206-44-0	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Fluorene	86-73-7	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Hexachlorobenzene	118-74-1	NA	ug/l		11UJ		10U	10U
8270E	Hexachlorobutadiene	87-68-3	NA	ug/l		11UJ		10UJ	10UJ
8270E	Hexachlorocyclopentadiene	77-47-4	NA	ug/l		11UJ		10UJ	10UJ
8270E	Hexachloroethane	67-72-1	NA	ug/l		11UJ		10UJ	10UJ
8270E	Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Isophorone	78-59-1	NA	ug/l		11UJ		10U	10U
8270E	Naphthalene	91-20-3	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Nitrobenzene	98-95-3	NA	ug/l		11UJ		10U	10U
8270E	N-Nitrosodimethylamine	62-75-9	NA	ug/l		11UJ		10UJ	10U
8270E	N-Nitrosodi-N-Propylamine	621-64-7	NA	ug/l		11UJ		10U	10U
8270E	N-Nitrosodiphenylamine	86-30-6	NA	ug/l		11UJ		10U	10U
8270E	Pentachloronitrobenzene	82-68-8	NA	ug/l		11UJ		10U	10U
8270E	Pentachlorophenol	87-86-5	NA	ug/l		11UJ		10UJ	10UJ
8270E	Phenanthrene	85-01-8	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Phenol	108-95-2	NA	ug/l		11UJ		10U	10U
8270E	Pyrene	129-00-0	NA	ug/l		5.6UJ		5.1U	5.1U
8270E	Pyridine	110-86-1	NA	ug/l		5.6UJ		5.1UJ	5.1U
E1664	Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	T	mg/l		1.5U		1.4U	1.1J
E537(M)	11-Chloroeicosfluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	T	ng/l		1.9U	1.8U	2UJ	1.9U
E537(M)	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Nonafluoro-3,6-dioxahexanoic acid	151772-58-6	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoro-1-hexanesulfonamide (HFXSA)	41997-13-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoro-3-methoxypropanoic acid	377-73-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoro-4-methoxybutanoic acid	863090-89-5	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	ng/l		1.9U	1.8U	2.3	2.7
E537(M)	Perfluorobutanoic Acid	375-22-4	T	ng/l		1.9U	1.8U	1.6J	2.2
E537(M)	Perfluorodecanesulfonic acid (PFDS)	335-77-3	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorodecanoic acid (PFDA)	335-76-2	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorododecanoic acid (PFDoA)	307-55-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoroheptanoic acid (PFHpA)	375-85-9	T	ng/l		1.9U	1.8U	0.89J	0.81J
E537(M)	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorohexanoic acid (PFHxA)	307-24-4	T	ng/l		1.9U	1.8U	1.3J	1.2J
E537(M)	Perfluoronananesulfonic acid (PFNS)	68259-12-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluoronananoic acid (PFNA)	375-95-1	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorooctane Sulfonamide (FOSA)	754-91-6	T	ng/l		1.9U	1.8U	2U	1.9U
E537(M)	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	ng/l		1.9U	1.8U	1.9J	1.9U
E537(M)	Perfluorooctanoic acid (PFOA)	335-67-1	T	ng/l		1.9U	1.8U	1.4J	1.2J

Analytical Method	Chemical Name	CAS_RN	FRACTION	Unit	Location ID		CPB-MW-EB-01 WQ 22L1289-04 12/6/2022 EB	CPB-MW-FB-01 WQ 22L1289-05 12/6/2022 FB	CPB-MW-01-2022-1206 WG 22L1032-01 22L1032 12/6/2022 N	CPB-MW-02-2022-12-06 WG 22L1289-03 22L1289 12/6/2022 N
					Sample ID	Matrix				
E537(M)	Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	T	ng/l	Lab Sample ID	SDG				
E537(M)	Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	ng/l			1.9 U	1.8 U	2 U	1.9 U
E537(M)	Perfluorotetradecanoic acid (PFTA)	376-06-7	T	ng/l			1.9 U	1.8 U	1.8 U	2.1
E537(M)	Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	T	ng/l			1.9 U	1.8 U	2 U	1.9 U
E537(M)	Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	ng/l			1.9 U	1.8 U	2 U	1.9 U
SW8151	2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/l			0.54 UJ		0.5 U	0.5 U
SW8151	2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NA	ug/l			0.54 UJ		0.5 U	0.5 U
SW8151	Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/l			0.11 UJ		0.1 U	0.1 U
SW8151	Dalapon	75-99-0	NA	ug/l			1.4 UJ		1.2 U	1.2 U
SW8151	Dicamba	1918-00-9	NA	ug/l			0.054 UJ		0.05 U	0.05 U
SW8151	Dichloroprop	120-36-5	NA	ug/l			0.54 UJ		0.5 U	0.5 U
SW8151	Dinoseb	88-85-7	NA	ug/l			0.27 UJ		0.25 U	0.25 U
SW8151	MCPA	94-74-6	NA	ug/l			54 UJ		50 U	50 U
SW8151	Mecoprop	93-65-2	NA	ug/l			54 UJ		50 U	50 U
SW8151	Silvex (2,4,5-TP)	93-72-1	NA	ug/l			0.054 UJ		0.05 U	0.05 U
SW8270DSIM	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/l			0.22 UJ		0.21 U	0.2 U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	CPB-MW-03-2022-12-06 WG 22L1289-01 22L1289 12/6/2022 N	CPB-MW-03-2022-12-06_D WG 22L1289-02 22L1289 12/6/2022 FD
6010C	Aluminum		7429-90-5	T	mg/l	0.05 U	0.05 U
6010C	Antimony		7440-36-0	T	mg/l	0.05 U	0.05 U
6010C	Arsenic		7440-38-2	T	mg/l	0.01 U	0.01 U
6010C	Arsenic		7440-38-2	TCLP	mg/l	0.05 U	0.05 U
6010C	Barium		7440-39-3	T	mg/l	0.062	0.07
6010C	Barium		7440-39-3	TCLP	mg/l	0.061 U	0.064 U
6010C	Beryllium		7440-41-7	T	mg/l	0.004 U	0.004 U
6010C	Boron		7440-42-8	T	mg/l	0.1 U	0.1 U
6010C	Cadmium		7440-43-9	T	mg/l	0.004 U	0.004 U
6010C	Cadmium		7440-43-9	TCLP	mg/l	0.01 U	0.01 U
6010C	Calcium		7440-70-2	T	mg/l	48	49
6010C	Chromium, Total		7440-47-3	T	mg/l	0.01 U	0.01 U
6010C	Chromium, Total		7440-47-3	TCLP	mg/l	0.05 U	0.05 U
6010C	Cobalt		7440-48-4	T	mg/l	0.01 U	0.01 U
6010C	Copper		7440-50-8	T	mg/l	0.01 U	0.01 U
6010C	Iron		7439-89-6	T	mg/l	0.027 U	0.026 U
6010C	Lead		7439-92-1	T	mg/l	0.01 U	0.01 U
6010C	Lead		7439-92-1	TCLP	mg/l	0.1 U	0.1 U
6010C	Magnesium		7439-95-4	T	mg/l	10	11
6010C	Manganese		7439-96-5	T	mg/l	0.0017 U	0.01 U
6010C	Nickel		7440-02-0	T	mg/l	0.01 U	0.01 U
6010C	Potassium		7440-09-7	T	mg/l	2.2	2
6010C	Selenium		7782-49-2	T	mg/l	0.05 U	0.05 U
6010C	Selenium		7782-49-2	TCLP	mg/l	0.05 U	0.05 U
6010C	Silver		7440-22-4	T	mg/l	0.01 U	0.01 U
6010C	Silver		7440-22-4	TCLP	mg/l	0.05 U	0.05 U
6010C	Sodium		7440-23-5	T	mg/l	28	27
6010C	Thallium		7440-28-0	T	mg/l	0.05 U	0.05 U
6010C	Vanadium		7440-62-2	T	mg/l	0.01 U	0.01 U
6010C	Zinc		7440-66-6	T	mg/l	0.01 U	0.01 U
7471B	Mercury		7439-97-6	T	mg/l	0.0001 U	0.0001 U
7471B	Mercury		7439-97-6	TCLP	mg/l	0.0001 U	0.0001 U
8081B	Alachlor		15972-60-8	NA	ug/l	0.19 U	0.19 U
8081B	Aldrin		309-00-2	NA	ug/l	0.049 U	0.048 U
8081B	Alpha BHC (Alpha Hexachlorocyclohexane)		319-84-6	NA	ug/l	0.049 U	0.048 U
8081B	Alpha Endosulfan		959-98-8	NA	ug/l	0.049 U	0.048 U
8081B	Beta BHC (Beta Hexachlorocyclohexane)		319-85-7	NA	ug/l	0.049 U	0.048 U
8081B	Beta Endosulfan		33213-65-9	NA	ug/l	0.078 U	0.077 U
8081B	Chlordane		57-74-9	NA	ug/l	0.19 U	0.19 U
8081B	Delta BHC (Delta Hexachlorocyclohexane)		319-86-8	NA	ug/l	0.049 U	0.048 U
8081B	Dieldrin		60-57-1	NA	ug/l	0.0019 U	0.0019 U
8081B	Endosulfan Sulfate		1031-07-8	NA	ug/l	0.078 U	0.077 U
8081B	Endrin		72-20-8	NA	ug/l	0.078 U	0.077 U
8081B	Endrin Aldehyde		7421-93-4	NA	ug/l	0.078 U	0.077 U
8081B	Endrin Ketone		53494-70-5	NA	ug/l	0.078 U	0.077 U
8081B	Gamma BHC (Lindane)		58-89-9	NA	ug/l	0.029 U	0.029 U
8081B	Heptachlor		76-44-8	NA	ug/l	0.049 U	0.048 U
8081B	Heptachlor Epoxide		1024-57-3	NA	ug/l	0.049 U	0.048 U
8081B	Hexachlorobenzene		118-74-1	NA	ug/l	0.049 U	0.048 U

Location ID				CPB-MW-03	CPB-MW-03
Sample ID				22L1289-01	22L1289-02
Matrix				WG	WG
Lab Sample ID				22L1289	22L1289
SDG				12/6/2022	12/6/2022
Sample Date				N	FD
Sample Type Code					
Analytical Method	Chemical Name	CAS RN	FRACTION	Unit	
8081B	Methoxychlor	72-43-5	NA	ug/l	0.48 U
8081B	P,P'-DDD	72-54-8	NA	ug/l	0.038 U
8081B	P,P'-DDE	72-55-9	NA	ug/l	0.038 U
8081B	P,P'-DDT	50-29-3	NA	ug/l	0.038 U
8081B	Toxaphene	8001-35-2	NA	ug/l	0.96 U
8082A	PCB-1016 (Aroclor 1016)	12674-11-2	NA	ug/l	0.19 U
8082A	PCB-1221 (Aroclor 1221)	11104-28-2	NA	ug/l	0.19 U
8082A	PCB-1232 (Aroclor 1232)	11141-16-5	NA	ug/l	0.19 U
8082A	PCB-1242 (Aroclor 1242)	53469-21-9	NA	ug/l	0.19 U
8082A	PCB-1248 (Aroclor 1248)	12672-29-6	NA	ug/l	0.19 U
8082A	PCB-1254 (Aroclor 1254)	11097-69-1	NA	ug/l	0.19 U
8082A	PCB-1260 (Aroclor 1260)	11096-82-5	NA	ug/l	0.19 U
8082A	PCB-1262 (Aroclor 1262)	37324-23-5	NA	ug/l	0.19 U
8082A	PCB-1268 (Aroclor 1268)	11100-14-4	NA	ug/l	0.19 U
8260D	1,1,1,2-Tetrachloroethane	630-20-6	NA	ug/l	1 U
8260D	1,1,1-Trichloroethane (TCA)	71-55-6	NA	ug/l	1 U
8260D	1,1,2,2-Tetrachloroethane	79-34-5	NA	ug/l	0.5 U
8260D	1,1,2-Trichloro-1,1,2,2-Trifluoroethane	76-13-1	NA	ug/l	1 U
8260D	1,1,2-Trichloroethane	79-00-5	NA	ug/l	1 U
8260D	1,1-Dichloroethane	75-34-3	NA	ug/l	1 U
8260D	1,1-Dichloroethene	75-35-4	NA	ug/l	1 U
8260D	1,1-Dichloropropene	563-58-6	NA	ug/l	2 U
8260D	1,2,3-Trichlorobenzene	87-61-6	NA	ug/l	5 U
8260D	1,2,3-Trichloropropane	96-18-4	NA	ug/l	2 U
8260D	1,2,4-Trichlorobenzene	120-82-1	NA	ug/l	1 U
8260D	1,2,4-Trimethylbenzene	95-63-6	NA	ug/l	1 U
8260D	1,2-Dibromo-3-Chloropropane	96-12-8	NA	ug/l	5 U
8260D	1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NA	ug/l	0.5 U
8260D	1,2-Dichlorobenzene	95-50-1	NA	ug/l	1 U
8260D	1,2-Dichloroethane	107-06-2	NA	ug/l	1 U
8260D	1,2-Dichloropropane	78-87-5	NA	ug/l	1 U
8260D	1,3,5-Trichlorobenzene	108-70-3	NA	ug/l	1 U
8260D	1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NA	ug/l	1 U
8260D	1,3-Dichlorobenzene	541-73-1	NA	ug/l	1 U
8260D	1,3-Dichloropropane	142-28-9	NA	ug/l	0.5 U
8260D	1,4-Dichlorobenzene	106-46-7	NA	ug/l	1 U
8260D	1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/l	50 U
8260D	2,2-Dichloropropane	594-20-7	NA	ug/l	1 U
8260D	2-Chlorotoluene	95-49-8	NA	ug/l	1 U
8260D	2-Hexanone	591-78-6	NA	ug/l	10 U
8260D	2-Methoxy-2-Methylbutane	994-05-8	NA	ug/l	0.5 U
8260D	4-Chlorotoluene	106-43-4	NA	ug/l	1 U
8260D	Acetone	67-64-1	NA	ug/l	50 U
8260D	Acrylonitrile	107-13-1	NA	ug/l	5 U
8260D	Benzene	71-43-2	NA	ug/l	1 U
8260D	Bromobenzene	108-86-1	NA	ug/l	1 U
8260D	Bromochloromethane	74-97-5	NA	ug/l	1 U
8260D	Bromodichloromethane	75-27-4	NA	ug/l	0.5 U
8260D	Bromoform	75-25-2	NA	ug/l	1 U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	Sample Type Code	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date	CPB-MW-03 WG 22L1289-01 22L1289 12/6/2022 N	CPB-MW-03 WG 22L1289-02 22L1289 12/6/2022 FD
8260D	Bromomethane		74-83-9	NA	ug/l			2 U	2 U
8260D	Carbon Disulfide		75-15-0	NA	ug/l			5 UJ	5 UJ
8260D	Carbon Tetrachloride		56-23-5	NA	ug/l			5 U	5 U
8260D	Chlorobenzene		108-90-7	NA	ug/l			1 U	1 U
8260D	Chloroethane		75-00-3	NA	ug/l			2 U	2 U
8260D	Chloroform		67-66-3	NA	ug/l			2 U	2 U
8260D	Chloromethane		74-87-3	NA	ug/l			2 U	2 U
8260D	Cis-1,2-Dichloroethylene		156-59-2	NA	ug/l			1 U	1 U
8260D	Cis-1,3-Dichloropropene		10061-01-5	NA	ug/l			0.5 U	0.5 U
8260D	Cymene		99-87-6	NA	ug/l			1 U	1 U
8260D	Dibromochloromethane		124-48-1	NA	ug/l			0.5 U	0.5 U
8260D	Dibromomethane		74-95-3	NA	ug/l			1 U	1 U
8260D	Dichlorodifluoromethane		75-71-8	NA	ug/l			2 U	2 U
8260D	Diethyl Ether (Ethyl Ether)		60-29-7	NA	ug/l			2 UJ	2 UJ
8260D	Ethyl Tert-Butyl Ether		637-92-3	NA	ug/l			0.5 U	0.5 U
8260D	Ethylbenzene		100-41-4	NA	ug/l			1 U	1 U
8260D	Hexachlorobutadiene		87-68-3	NA	ug/l			0.6 U	0.6 U
8260D	Isopropyl Ether		108-20-3	NA	ug/l			0.5 U	0.5 U
8260D	Isopropylbenzene (Cumene)		98-82-8	NA	ug/l			1 U	1 U
8260D	m,p-Xylene		179601-23-1	NA	ug/l			2 U	2 U
8260D	Methyl Acetate		79-20-9	NA	ug/l			1 UJ	1 UJ
8260D	Methyl Ethyl Ketone (2-Butanone)		78-93-3	NA	ug/l			20 U	20 U
8260D	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	NA	ug/l			10 U	10 U
8260D	Methylcyclohexane		108-87-2	NA	ug/l			1 U	1 U
8260D	Methylene Chloride		75-09-2	NA	ug/l			0.42 U	5 U
8260D	Naphthalene		91-20-3	NA	ug/l			2 UJ	2 UJ
8260D	N-Butylbenzene		104-51-8	NA	ug/l			1 U	1 U
8260D	N-Propylbenzene		103-65-1	NA	ug/l			1 U	1 U
8260D	O-Xylene (1,2-Dimethylbenzene)		95-47-6	NA	ug/l			1 U	1 U
8260D	Sec-Butylbenzene		135-98-8	NA	ug/l			1 U	1 U
8260D	Styrene		100-42-5	NA	ug/l			1 U	1 U
8260D	T-Butylbenzene		98-06-6	NA	ug/l			1 U	1 U
8260D	Tert-Butyl Alcohol		75-65-0	NA	ug/l			20 UJ	20 UJ
8260D	Tert-Butyl Methyl Ether		1634-04-4	NA	ug/l			1 U	1 U
8260D	Tetrachloroethylene (PCE)		127-18-4	NA	ug/l			1 U	1 U
8260D	Tetrahydrofuran		109-99-9	NA	ug/l			10 U	10 U
8260D	Toluene		108-88-3	NA	ug/l			1 U	1 U
8260D	Trans-1,2-Dichloroethene		156-60-5	NA	ug/l			1 U	1 U
8260D	Trans-1,3-Dichloropropene		10061-02-6	NA	ug/l			0.5 U	0.5 U
8260D	Trans-1,4-Dichloro-2-Butene		110-57-6	NA	ug/l			2 UJ	2 UJ
8260D	Trichloroethylene (TCE)		79-01-6	NA	ug/l			1 U	1 U
8260D	Trichlorofluoromethane		75-69-4	NA	ug/l			2 UJ	2 UJ
8260D	Vinyl Chloride		75-01-4	NA	ug/l			2 U	2 U
8270E	1,2,4,5-Tetrachlorobenzene		95-94-3	NA	ug/l			9.6 U	10 U
8270E	1,2,4-Trichlorobenzene		120-82-1	NA	ug/l			4.8 U	5.2 U
8270E	1,2-Dichlorobenzene		95-50-1	NA	ug/l			4.8 U	5.2 U
8270E	1,2-Diphenylhydrazine		122-66-7	NA	ug/l			9.6 U	10 U
8270E	1,3-Dichlorobenzene		541-73-1	NA	ug/l			4.8 U	5.2 U
8270E	1,4-Dichlorobenzene		106-46-7	NA	ug/l			4.8 U	5.2 U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	Sample ID	Lab Sample ID	Sample Date	Sample Type	CPB-MW-03	CPB-MW-03-2022-12-06_DWG	CPB-MW-03-2022-12-06_DWG
8270E	1-Methylnaphthalene		90-12-0	NA	ug/l	22L1289-01	22L1289	12/6/2022	N	22L1289-02	22L1289	12/6/2022
8270E	2,4,5-Trichlorophenol		95-95-4	NA	ug/l							5.2U
8270E	2,4,6-Trichlorophenol		88-06-2	NA	ug/l							10U
8270E	2,4-Dichlorophenol		120-83-2	NA	ug/l							10U
8270E	2,4-Dimethylphenol		105-67-9	NA	ug/l							10U
8270E	2,4-Dinitrophenol		51-28-5	NA	ug/l							10U
8270E	2,4-Dinitrotoluene		121-14-2	NA	ug/l							10U
8270E	2,6-Dinitrotoluene		606-20-2	NA	ug/l							10U
8270E	2-Chloronaphthalene		91-58-7	NA	ug/l							10U
8270E	2-Chlorophenol		95-57-8	NA	ug/l							10U
8270E	2-Methylnaphthalene		91-57-6	NA	ug/l							5.2U
8270E	2-Methylphenol (O-Cresol)		95-48-7	NA	ug/l							10U
8270E	2-Nitroaniline		88-74-4	NA	ug/l							10U
8270E	2-Nitrophenol		88-75-5	NA	ug/l							10U
8270E	3- And 4- Methylphenol (Total)		MEPH3MEPH4	NA	ug/l							10U
8270E	3,3-Dichlorobenzidine		91-94-1	NA	ug/l							10U
8270E	3-Nitroaniline		99-09-2	NA	ug/l							10U
8270E	4,6-Dinitro-2-Methylphenol		534-52-1	NA	ug/l							10U
8270E	4-Bromophenyl Phenyl Ether		101-55-3	NA	ug/l							10U
8270E	4-Chloro-3-Methylphenol		59-50-7	NA	ug/l							10U
8270E	4-Chloroaniline		106-47-8	NA	ug/l							10U
8270E	4-Chlorophenyl Phenyl Ether		7005-72-3	NA	ug/l							10U
8270E	4-Nitroaniline		100-01-6	NA	ug/l							10U
8270E	4-Nitrophenol		100-02-7	NA	ug/l							10U
8270E	Acenaphthene		83-32-9	NA	ug/l							5.2U
8270E	Acenaphthylene		208-96-8	NA	ug/l							5.2U
8270E	Acetophenone		98-86-2	NA	ug/l							10U
8270E	Aniline		62-53-3	NA	ug/l							5.2U
8270E	Anthracene		120-12-7	NA	ug/l							5.2U
8270E	Benidine		92-87-5	NA	ug/l							21U
8270E	Benzo(A)Anthracene		56-55-3	NA	ug/l							5.2U
8270E	Benzo(A)Pyrene		50-32-8	NA	ug/l							5.2U
8270E	Benzo(B)Fluoranthene		205-99-2	NA	ug/l							5.2U
8270E	Benzo(G,H,I)Perylene		191-24-2	NA	ug/l							5.2U
8270E	Benzo(K)Fluoranthene		207-08-9	NA	ug/l							5.2U
8270E	Benzoic Acid		65-85-0	NA	ug/l							10U
8270E	Benzyl Butyl Phthalate		85-68-7	NA	ug/l							10U
8270E	Bis(2-Chloroethoxy) Methane		111-91-1	NA	ug/l							10U
8270E	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	NA	ug/l							10U
8270E	Bis(2-Chloroisopropyl) Ether		108-60-1	NA	ug/l							10U
8270E	Bis(2-Ethylhexyl) Phthalate		117-81-7	NA	ug/l							10U
8270E	Carbazole		86-74-8	NA	ug/l							10U
8270E	Chrysene		218-01-9	NA	ug/l							5.2U
8270E	Dibenz(A,H)Anthracene		53-70-3	NA	ug/l							5.2U
8270E	Dibenzofuran		132-64-9	NA	ug/l							5.2U
8270E	Diethyl Phthalate		84-66-2	NA	ug/l							10U
8270E	Dimethyl Phthalate		131-11-3	NA	ug/l							10U
8270E	Di-N-Butyl Phthalate		84-74-2	NA	ug/l							10U
8270E	Di-N-Octylphthalate		117-84-0	NA	ug/l							10U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	Sample Type Code	Location ID Sample ID Matrix Lab Sample ID SDG Sample Date Sample Type Code	CPB-MW-03 WG 22L1289-01 22L1289 12/6/2022 N	CPB-MW-03 WG 22L1289-02 22L1289 12/6/2022 FD
8270E		Fluoranthene	206-44-0	NA	ug/l			4.8 U	5.2 U
8270E		Fluorene	86-73-7	NA	ug/l			4.8 U	5.2 U
8270E		Hexachlorobenzene	118-74-1	NA	ug/l			9.6 U	10 U
8270E		Hexachlorobutadiene	87-68-3	NA	ug/l			9.6 U	10 U
8270E		Hexachlorocyclopentadiene	77-47-4	NA	ug/l			9.6 U	10 U
8270E		Hexachloroethane	67-72-1	NA	ug/l			9.6 U	10 U
8270E		Indeno(1,2,3-C,D)Pyrene	193-39-5	NA	ug/l			4.8 U	5.2 U
8270E		Isophorone	78-59-1	NA	ug/l			9.6 U	10 U
8270E		Naphthalene	91-20-3	NA	ug/l			4.8 U	5.2 U
8270E		Nitrobenzene	98-95-3	NA	ug/l			9.6 U	10 U
8270E		N-Nitrosodimethylamine	62-75-9	NA	ug/l			9.6 U	10 U
8270E		N-Nitrosodi-N-Propylamine	621-64-7	NA	ug/l			9.6 U	10 U
8270E		N-Nitrosodiphenylamine	86-30-6	NA	ug/l			9.6 U	10 U
8270E		Pentachloronitrobenzene	82-68-8	NA	ug/l			9.6 U	10 U
8270E		Pentachlorophenol	87-86-5	NA	ug/l			9.6 U	10 U
8270E		Phenanthrene	85-01-8	NA	ug/l			4.8 U	5.2 U
8270E		Phenol	108-95-2	NA	ug/l			9.6 U	10 U
8270E		Pyrene	129-00-0	NA	ug/l			4.8 U	5.2 U
8270E		Pyridine	110-86-1	NA	ug/l			4.8 U	5.2 U
E1664		Sgt Hem (Oil And Grease - Nonpolar	OILGREASENONP	T	mg/l			1 J	1.4 U
E537(M)		11-Chloroicosafuoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	T	ng/l			1.9 U	2 U
E537(M)		1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	T	ng/l			1.9 U	2 U
E537(M)		1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	T	ng/l			1.9 U	2 U
E537(M)		1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	T	ng/l			4.5 J	27 J
E537(M)		4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	919005-14-4	T	ng/l			1.9 U	2 U
E537(M)		9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	T	ng/l			1.9 U	2 U
E537(M)		Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	T	ng/l			1.9 U	2 U
E537(M)		N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	T	ng/l			1.9 U	2 U
E537(M)		N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	T	ng/l			1.9 U	2 U
E537(M)		Nonafluoro-3,6-dioxahexanoic acid	151772-58-6	T	ng/l			1.9 U	2 U
E537(M)		Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	T	ng/l			1.9 U	2 U
E537(M)		Perfluoro-1-butanedisulfonamide (FBSA)	30334-69-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluoro-3-methoxypropanoic acid	377-73-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluoro-4-methoxybutanoic acid	863090-89-5	T	ng/l			1.9 U	2 U
E537(M)		Perfluorobutanesulfonic acid (PFBS)	375-73-5	T	ng/l			1.9 U	2 U
E537(M)		Perfluorobutanoic Acid	375-22-4	T	ng/l			1.9 U	2 U
E537(M)		Perfluorodecanesulfonic acid (PFDS)	335-77-3	T	ng/l			1.9 U	2 U
E537(M)		Perfluorodecanoic acid (PFDA)	335-76-2	T	ng/l			1.9 U	2 U
E537(M)		Perfluorododecanoic acid (PFDoA)	307-55-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	T	ng/l			1.9 U	2 U
E537(M)		Perfluoroheptanoic acid (PFHpA)	375-85-9	T	ng/l			1.9 U	2 U
E537(M)		Perfluorohexanesulfonic acid (PFHxS)	355-46-4	T	ng/l			4.1 J	2.5 J
E537(M)		Perfluorohexanoic acid (PFHxA)	307-24-4	T	ng/l			1.9 U	2 U
E537(M)		Perfluorononanesulfonic acid (PFNS)	68259-12-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluorononanoic acid (PFNA)	375-95-1	T	ng/l			1.9 U	2 U
E537(M)		Perfluorooctane Sulfonamide (FOSA)	754-91-6	T	ng/l			1.9 U	2 U
E537(M)		Perfluorooctanesulfonic acid (PFOS)	1763-23-1	T	ng/l			1.4 J	0.95 J
E537(M)		Perfluorooctanoic acid (PFOA)	335-67-1	T	ng/l			1.9 U	2 U

Analytical Method		Chemical Name	CAS RN	FRACTION	Unit	Sample ID	Lab Sample ID	Sample Date	Sample Type	Code
E537(M)		Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	T	ng/l	CPB-MW-03	22L1289-01	12/6/2022	WG	N
E537(M)		Perfluoropentanoic Acid (PFPeA)	2706-90-3	T	ng/l	CPB-MW-03-2022-12-06_D	22L1289-02	12/6/2022	WG	FD
E537(M)		Perfluorotetradecanoic acid (PFTA)	376-06-7	T	ng/l					
E537(M)		Perfluorotridecanoic Acid (PFTriA/PFTriDA)	72629-94-8	T	ng/l					
E537(M)		Perfluoroundecanoic Acid (PFUnA)	2058-94-8	T	ng/l					
SW8151		2,4-(Dichlorophenoxy)butyric acid	94-82-6	NA	ug/l					
SW8151		2,4-D (Dichlorophenoxy)acetic Acid	94-75-7	NA	ug/l					
SW8151		Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	NA	ug/l					
SW8151		Dalapon	75-99-0	NA	ug/l					
SW8151		Dicamba	1918-00-9	NA	ug/l					
SW8151		Dichloroprop	120-36-5	NA	ug/l					
SW8151		Dinoseb	88-85-7	NA	ug/l					
SW8151		MCPA	94-74-6	NA	ug/l					
SW8151		Mecoprop	93-65-2	NA	ug/l					
SW8151		Silvex (2,4,5-TP)	93-72-1	NA	ug/l					
SW8270DSIM		1,4-Dioxane (P-Dioxane)	123-91-1	NA	ug/l					