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Rock C and D Landfill

(SITE NO. 546061)

SUPPLEMENTAL SITE CHARACTERIZATION FIELD ACTIVITIES SUMMARY REPORT

MILTON, NY

JULY 2023

Kathy Hochul, Governor | Basil Seggos, Commissioner

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1.0 Site Information

1.1 Site Location and Features

The Rock C&D Landfill (Site) is located at 462 NY Route 29 (Washington Street) in the town of Milton, Saratoga County, New York (See Figure 1). The Site is located approximately 4 miles west of Saratoga Springs near the intersection of NY Route 29 and Hoffman Road.

The Site contains a landfill that occupies approximately 10 acres and overlaps two separate property parcels that total 60 acres. The northern parcel, which borders NY Route 29, contains a winery and eating establishment, barn, and residence. The southern parcel is mostly wooded with a field on the northwest portion. Freshwater wetlands exist throughout the site (See Figure 3).

1.2 Investigation History

The New York State Department of Environmental Conservation (NYDEC) Division of Materials Management (DMM) investigated the landfill as part of the Inactive Landfill Initiative in July 2019. Three monitoring wells and one seep sample were collected for analysis of 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) to determine if the landfill was a potential source for these emerging contaminants. Groundwater results identified maximum concentrations of perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) at 140 nanograms per liter (ng/l) ad 69 ng/l, respectively. The seep results identified a maximum concentration of PFOS and PFOA at 130 ng/l and 36 ng/l, respectively. These results indicated a need to conduct a Site Characterization (SC) at the landfill to determine if the landfill is a source for PFAS contamination, and if the levels pose a significant threat to human or environmental health.

The site was then referred to the NYSDEC Division of Environmental Remediation (DER) to conduct the SC. DER contracted Ecology and Environment Engineering and Geology, P.C. (E&E) to perform a Site Characterization at the Site in 2021. The results of the Site Characterization are provided in a final report dated December 2021 and is available for download at the DEC Info Locator link provided here: Index of /data/DecDocs/546061 (ny.gov). While the results did indicate the landfill is a source for PFAS contamination, data gaps for other compounds were identified within the down gradient surface water sampling area. Additional sampling was warranted to determine if the site poses a significant threat to human or environmental health.

1.2.1 Supplemental Site Characterization

DER conducted additional sampling at the Site in April 2023. Sampling was completed on April 25th, 2023, and follow-up global positioning system (GPS) measurements were collected on May 9th, 2023. The field activities were completed per the March 2023 work plan available within the DEC Info Locator link provided in the preceding section. The primary objectives of the work plan are outlined below:

1. Further assess the magnitude of landfill related contamination in seep/surface water drainage area south of the landfill
2. Resample monitoring wells for PFAS compounds

3. Compile results and compare to applicable standards, criteria, and guidance values within a field activities summary report.

A summary of field activities and results are provided in the following section. Please refer to December 2021 Site Characterization Report for expanded summaries of site geology/hydrology.

2.0 Investigation Activities

The completed field activities included the following:

- Surface water sampling
- Sediment sampling
- Groundwater sampling

Sample collection for PFAS analysis was performed consistent with DEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), April 2023 guidance document (DEC, 2023). Equipment and materials compatible with DEC recommendations for the collection and sampling of PFAS were used for each sampled media (i.e., stainless steel, high-density polyethylene [HDPE], and poly-vinyl chloride [PVC]). Water used for equipment decontamination was verified to be PFAS-free through laboratory analysis completed by the public water supplier. Sample collection for other compounds on the target analyte list/target compound list (TAL/TCL) was performed consistent with DER-10 guidance.

Laboratory reports have been included in **Appendix A**. A map showing the planned sample locations is presented in **Figure 2**.

Standard chain-of-custody (COC) procedures were followed for all collected samples. Laboratory quality assurance/quality control (QA/QC) samples including field duplicates and matrix spike/matrix spike duplicates (MS/MSDs), were collected where sample volume allowed at a minimum frequency of 1 per 20 samples. Field QA/QC samples including equipment blanks and trip blanks were collected at a frequency of one per day or cooler slated for VOC analysis, respectively. All collected samples were submitted to the DEC contract laboratory, Con-Test of East Long Meadow, Massachusetts.

2.1 Surface Water and Sediment Sampling

Surface water and sediment sampling activities were completed by NYSDEC on April 25, 2023. Samples were collected to supplement data collected within the wetland down gradient of the landfill during the SC. four total sample locations were completed as part of the SC. Thirteen additional sample locations were planned for the supplemental work. Four locations included resamples proximate to prior locations, with an additional nine samples planned on the edges of the wetland to gather more information on the potential magnitude of contamination. Eight additional sample locations were collected, with one sample location SED/SW-12 not being collected due to absence of water in the area.

Samples were collected at the most downstream location first and progressed upstream. Surface water samples were collected prior to sediment samples to avoid disturbing sediment which may impact the surface water results.

2.1.1 Surface Water Sampling

Sample locations are displayed on **Figure 3**.

No visual evidence of contamination was observed during the collection of any surface water sample, however iron-stained water and biological sheens were noted in the water directly downgradient of the landfill. Surface water samples were collected directly into laboratory supplied sample bottles or by using a stainless-steel cup depending on field conditions. The stainless-steel cup was rinsed with Alconox water and rinse water between each sample location. All surface water/sediment samples were preserved in a cooler with ice and submitted to Con-test for the analysis of PFAS (21 compound list) by USEPA Method 537 Modified, pH by EPA Method 9045, total organic carbon (TOC) by Lloyd Kahn. Sediment/surface water samples will be analyzed for volatile organic compounds (VOCs) by EPA Method 8260B GC/MS (Target Compound List), semi-volatile organic compounds (SVOCs) by EPA Method 8270 (solid) or 8270 SIM (aqueous), target analyte list (TAL) metals via EPA Method 6010, 6020, or 7000, and polychlorinated biphenyls (PCBs) via EPA Method 8082.

2.1.2 Sediment Sampling

NYSDEC collected a total of 12 sediment samples co-located with respective surface water samples. Sample locations are displayed on **Figure 4**.

No visual or olfactory evidence of contamination was observed during the collection of any sediment sample, however iron-stained water and sediment were observed in the water directly down gradient of the landfill. Sediment samples were place directly into sample contained or collected using a stainless-steel cup or stainless-steel trowel to remove the surficial layer of sediment. Sediment was collected via Terracore for VOC analysis. The stainless-steel cup or trowel was decontaminated between sampling locations using detergent (Alconox) and clean, PFAS-free water rinse. All samples were preserved in a cooler with ice and submitted to Con-test for the analysis of PFAS (21 compound list) by USEPA Method 537 Modified, pH by EPA Method 9045, total organic carbon (TOC) by Lloyd Kahn. Sediment/surface water samples will be analyzed for volatile organic compounds (VOCs) by EPA Method 8260B GC/MS (Target Compound List), semi-volatile organic compounds (SVOCs) by EPA Method 8270 (solid) or 8270 SIM (aqueous), target analyte list (TAL) metals via EPA Method 6010, 6020, or 7000, and polychlorinated biphenyls (PCBs) via EPA Method 8082.

2.2 Groundwater Sampling

Groundwater grab samples were collected from three existing overburden groundwater wells (MW-3, MW-4, and UNK-02). Samples were collected utilizing a peristaltic pump equipped with HDPE and silicone tubing. Groundwater parameters (pH, conductivity, ORP, DO, and turbidity) were noted at time of sampling.

Groundwater Parameters								
			Parameters					
Sample	Sample Date	Sample Time	Temperature (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
MW-3	04/25/2023	1155	9.61	6.44	32	1.01	1.0	1.8
MW-4	04/25/2023	1115	11.84	6.55	115	0.675	3.9	0.74
UNK-02	04/25/2023	1320	11.56	6.13	163	1.76	0.0	7.65

Samples were collected in laboratory supplied bottles, placed on ice, and submitted to Contest for analysis of PFAS (21 compound list) by USEPA Method 537 Modified. Additional QA/QC samples included a field duplicate, a matrix spike, and a matrix spike duplicate.

3.0 Results

The following subsections discuss the regulatory standards, criteria, and guidance (SCGs) used to evaluate all field observations and sample analytical results.

3.1 Standards, Criteria, and Guidance

The SCGs used to evaluate the surface water, sediment, soil, and groundwater analytical results are outlined below:

- **Surface Water** – NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Class H(WS)/A(C), 2023 TOGS 1.1.1 Addendum PFAS Guidance Values, Class H(WS)/A(C)
- **Sediment** – NYSDEC Screening and Assessment of Contaminated Sediment, June 24, 2014. There currently are no SCGs for PFAS in sediment. Results will be discussed as provided by the laboratory.
- **Groundwater** – 2023 NYSDEC TOGS 1.1.1 Addendum PFAS Guidance Values, Class H(WS)

3.2 Surface Water Results

A summary of the surface water analytical results is summarized below. Results for detected compounds in surface water samples can be found on **Figure 3**. A summary of the surface water sample analytical results can be found in **Table 2,** and laboratory reports are provided in **Appendix A**.

PFOA was detected in all surface water samples, with the exception of SW-01A located upgradient of the landfill, and SW-09 located in western portion of the wetland downgradient of the landfill. PFOS was detected in all surface water samples, with the exception of SW-01A. PFOA was at maximum of 240 ppt in SW-13. PFOS was detected at maximum of 240 ppt in SW-2A and SW-13. Other PFAS compounds that were detected, but do not have corresponding SCGs or MCLs are outlined in Table 1.

Various metals were detected in surface water samples collected. In the majority of samples, naturally occurring metals, including sodium, iron, and manganese were found. The highest concentration of metals not attributed to natural occurrence were found in sample SW-2A, located immediately downgradient of landfill in the primary seep location. Lead was detected at 2.5 mg/l, zinc at 3.5 mg/l, copper at 0.42 mg/l. The results decrease moving away from the landfill and other than the naturally occurring metals they all drop below applicable TOGS guidance values.

3.3 Sediment Results

A summary of the sediment analytical results is summarized below. Results for detected compounds in sediment samples can be found on **Figure 4**. A summary of the sediment sample analytical results is presented in **Table 1**, and laboratory reports are provided in **Appendix A**.

PFOA was detected in 7 of 12 samples, with results ranging from ND to 6.9 ug/kg in SED-10. PFOS was detected in 9 of 12 samples, with results ranging from ND to 34 ug/kg.

PFOS was detected at 1.9 µg/kg in sample SW-10/SED-10 collected from the ponded water along NYS Route 351. No SCGs for PFAS in sediment have been established. Other PFAS compounds that were detected, but do not have corresponding SCGs or MCLs are outlined in Table 2.

Various metals, PAHs, and PCBs were also detected in collected samples. Exceedances of Class C Sediment Guidance Values were only observed in sample location SED-02A. Total PAHs were detected at 54.33 ug/kg, lead was detected at 300 mg/kg, and zinc was detected at 1,000 mg/kg. Four other sample locations showed Class B Sediment Guidance Values for various metals, however the results decrease and fall below the guidance values further downstream within the wetland.

3.4 Groundwater Results

Results for detected compounds in groundwater samples can be found on **Figure 5**. A summary of the groundwater sample analytical results is presented in **Table 1**, and laboratory reports are provided in **Appendix A**.

Three groundwater grab samples were collected and each exhibited detection of PFOA and PFOS. PFOA was detected from 5.1 ng/l to 180 ng/l, exceeding the Ambient Water Quality Standard in 2 of 3 locations. PFOS was detected from 7.8 ng/l to 170 ng/l, exceeding the Ambient Water Quality Standard in each well. Other PFAS compounds that were detected, but do not have corresponding SCGs or MCLs are outlined in Table 2.

4.0 Conclusion

Based on the data collected during this supplemental investigation, the site is contributing low levels of PFAS to the environment. The site is also contributing low levels of TCL/TAL compounds to the environment. The results of the TCL/TAL compounds in sediment and surface water indicate highest levels near the seep leaving the landfill and decrease moving downgradient away from the landfill. The magnitude of TCL/TAL contamination is low. No distressed vegetation or impact to wildlife was observed during sampling activities.

5.0 References

NYSDEC. 1998. Division of Water Technical and Operation Guidance Series (TOGS) – Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Guidelines (TOGS 1.1.1), June 1998.

NYSDEC. 1998. Division of Water Technical and Operation Guidance Series (TOGS) – Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Guidelines (TOGS 1.1.1), June 1998 – Addendum 2023

NYSDEC. 2023. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), June 2023.

NYSDEC. 2014. Screening and Assessment of Contaminated Sediment

FIGURES

Figure 1
Rock C and D Landfill - Site ID: 546061
Site Map

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Figure 2
Rock C and D Landfill - Site ID: 546061
Sampling Map

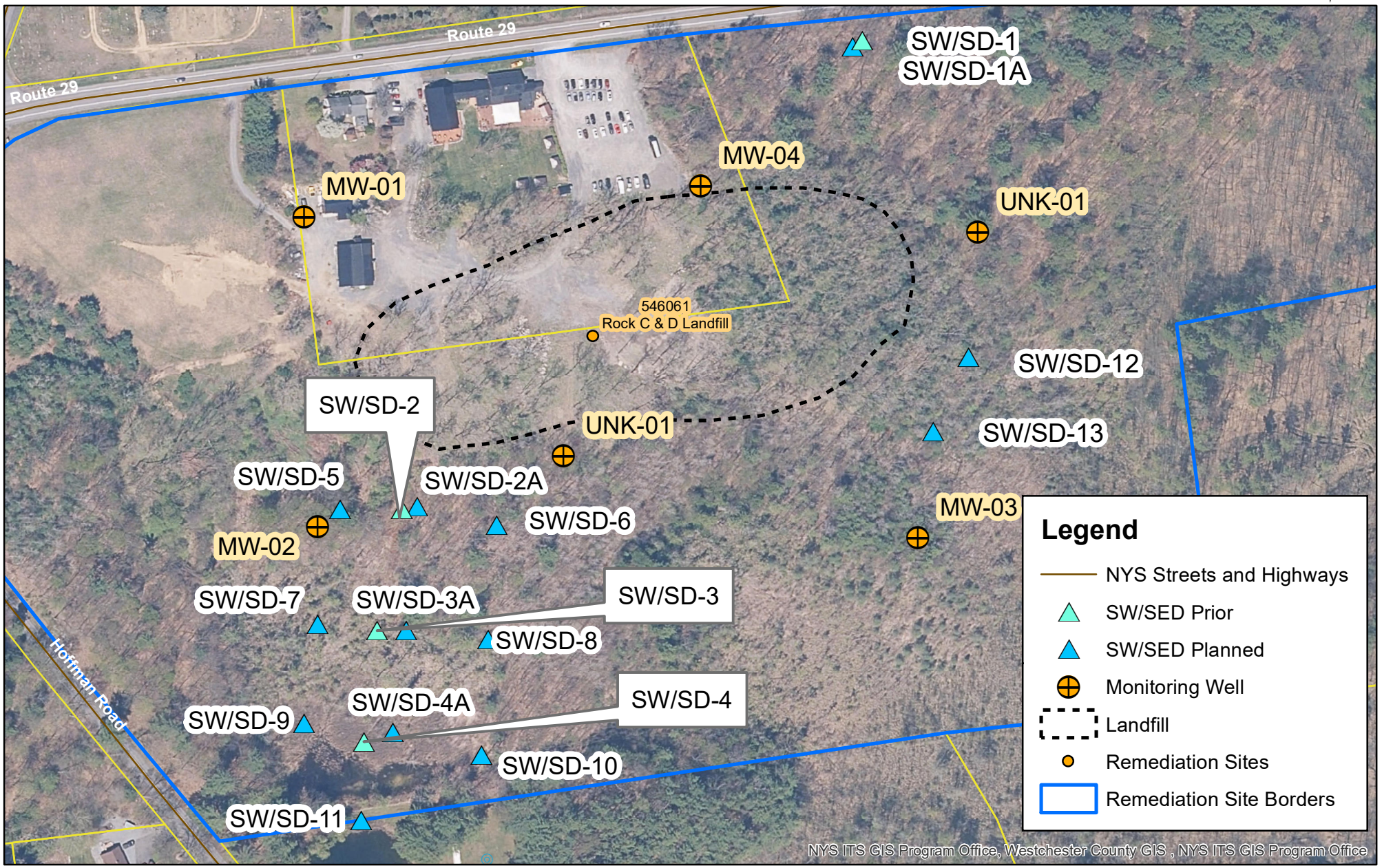

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Figure 3
Rock C and D Landfill - Site ID: 546061
Sampling Results - Surface Water - Detections Only

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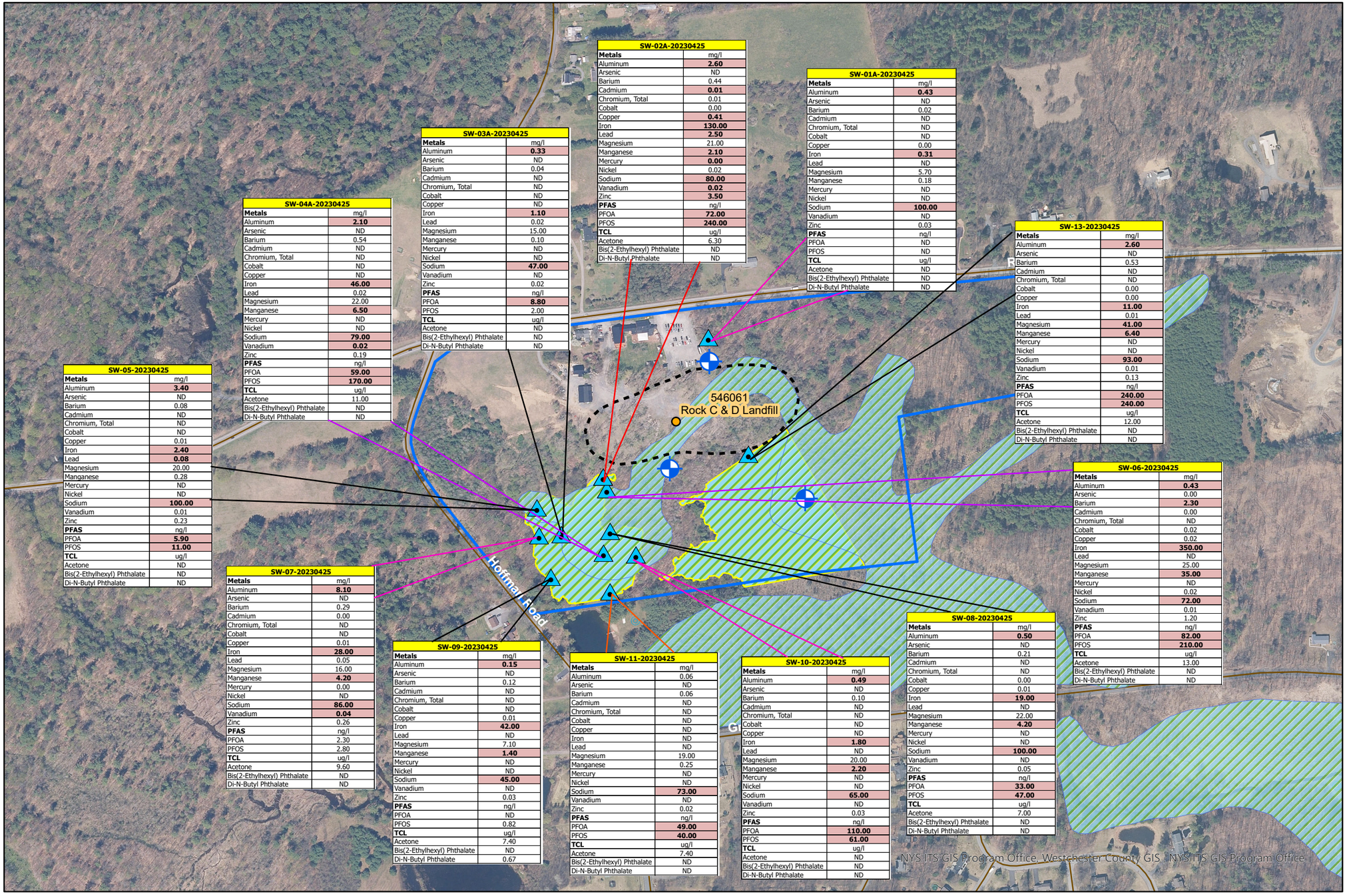

SW-02A-20230425	
Metals	mg/l
Aluminum	**2.60**
Arsenic	ND
Barium	0.44
Cadmium	**0.01**
Chromium, Total	0.01
Cobalt	0.00
Copper	**0.41**
Iron	**130.00**
Lead	**2.50**
Magnesium	21.00
Manganese	**2.10**
Mercury	**0.00**
Nickel	0.02
Sodium	**80.00**
Vanadium	**0.02**
Zinc	**3.50**
PFAS	ng/l
PFOA	**72.00**
PFOS	**240.00**
TCL	ug/l
Acetone	6.30
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-03A-20230425	
Metals	mg/l
Aluminum	**0.33**
Arsenic	ND
Barium	0.04
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	ND
Iron	**1.10**
Lead	0.02
Magnesium	15.00
Manganese	0.10
Mercury	ND
Nickel	ND
Sodium	**47.00**
Vanadium	ND
Zinc	0.02
PFAS	ng/l
PFOA	**8.80**
PFOS	2.00
TCL	ug/l
Acetone	ND
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-04A-20230425	
Metals	mg/l
Aluminum	**2.10**
Arsenic	ND
Barium	0.54
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	ND
Iron	**46.00**
Lead	0.02
Magnesium	22.00
Manganese	**6.50**
Mercury	ND
Nickel	ND
Sodium	**79.00**
Vanadium	**0.02**
Zinc	0.19
PFAS	ng/l
PFOA	**59.00**
PFOS	**170.00**
TCL	ug/l
Acetone	11.00
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-01A-20230425	
Metals	mg/l
Aluminum	**0.43**
Arsenic	ND
Barium	0.02
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	0.00
Iron	**0.31**
Lead	ND
Magnesium	5.70
Manganese	0.18
Mercury	ND
Nickel	ND
Sodium	**100.00**
Vanadium	ND
Zinc	0.03
PFAS	ng/l
PFOA	ND
PFOS	ND
TCL	ug/l
Acetone	ND
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-13-20230425	
Metals	mg/l
Aluminum	**2.60**
Arsenic	ND
Barium	0.53
Cadmium	ND
Chromium, Total	ND
Cobalt	0.00
Copper	0.00
Iron	**11.00**
Lead	0.01
Magnesium	**41.00**
Manganese	**6.40**
Mercury	ND
Nickel	ND
Sodium	**93.00**
Vanadium	0.01
Zinc	0.13
PFAS	ng/l
PFOA	**240.00**
PFOS	**240.00**
TCL	ug/l
Acetone	12.00
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-05-20230425	
Metals	mg/l
Aluminum	**3.40**
Arsenic	ND
Barium	0.08
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	0.01
Iron	**2.40**
Lead	**0.08**
Magnesium	20.00
Manganese	0.28
Mercury	ND
Nickel	ND
Sodium	**100.00**
Vanadium	0.01
Zinc	0.23
PFAS	ng/l
PFOA	**5.90**
PFOS	**11.00**
TCL	ug/l
Acetone	ND
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-06-20230425	
Metals	mg/l
Aluminum	**0.43**
Arsenic	0.00
Barium	**2.30**
Cadmium	0.00
Chromium, Total	ND
Cobalt	0.02
Copper	0.02
Iron	**350.00**
Lead	ND
Magnesium	25.00
Manganese	**35.00**
Mercury	ND
Nickel	0.02
Sodium	**72.00**
Vanadium	0.01
Zinc	1.20
PFAS	ng/l
PFOA	**82.00**
PFOS	**210.00**
TCL	ug/l
Acetone	13.00
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-07-20230425	
Metals	mg/l
Aluminum	**8.10**
Arsenic	ND
Barium	0.29
Cadmium	0.00
Chromium, Total	ND
Cobalt	ND
Copper	0.01
Iron	**28.00**
Lead	0.05
Magnesium	16.00
Manganese	**4.20**
Mercury	0.00
Nickel	ND
Sodium	**86.00**
Vanadium	**0.04**
Zinc	0.26
PFAS	ng/l
PFOA	2.30
PFOS	2.80
TCL	ug/l
Acetone	9.60
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-09-20230425	
Metals	mg/l
Aluminum	**0.15**
Arsenic	ND
Barium	0.12
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	0.01
Iron	**42.00**
Lead	ND
Magnesium	7.10
Manganese	**1.40**
Mercury	ND
Nickel	ND
Sodium	**45.00**
Vanadium	ND
Zinc	0.03
PFAS	ng/l
PFOA	ND
PFOS	0.82
TCL	ug/l
Acetone	7.40
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	0.67

SW-11-20230425	
Metals	mg/l
Aluminum	0.06
Arsenic	ND
Barium	0.06
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	ND
Iron	ND
Lead	ND
Magnesium	19.00
Manganese	0.25
Mercury	ND
Nickel	ND
Sodium	**73.00**
Vanadium	ND
Zinc	0.02
PFAS	ng/l
PFOA	**49.00**
PFOS	**40.00**
TCL	ug/l
Acetone	7.40
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-10-20230425	
Metals	mg/l
Aluminum	**0.49**
Arsenic	ND
Barium	0.10
Cadmium	ND
Chromium, Total	ND
Cobalt	ND
Copper	ND
Iron	**1.80**
Lead	ND
Magnesium	20.00
Manganese	**2.20**
Mercury	ND
Nickel	ND
Sodium	**65.00**
Vanadium	ND
Zinc	0.03
PFAS	ng/l
PFOA	**110.00**
PFOS	**61.00**
TCL	ug/l
Acetone	ND
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

SW-08-20230425	
Metals	mg/l
Aluminum	**0.50**
Arsenic	ND
Barium	0.21
Cadmium	ND
Chromium, Total	ND
Cobalt	0.00
Copper	0.01
Iron	**19.00**
Lead	ND
Magnesium	22.00
Manganese	**4.20**
Mercury	ND
Nickel	ND
Sodium	**100.00**
Vanadium	ND
Zinc	0.05
PFAS	ng/l
PFOA	**33.00**
PFOS	**47.00**
TCL	ug/l
Acetone	7.00
Bis(2-Ethylhexyl) Phthalate	ND
Di-N-Butyl Phthalate	ND

Legend

- Monitoring Well
- Surface Water/Sediment
- Landfill
- Remediation Site Borders
- Freshwater Wetland (C2)
- Observed Wetland Boundary

TOGS 1.1.1-H(WS) - Water Classes: A, A-S, AA, AA-S		
CHEMICAL_NAME	Standard	Unit
Acetone	50	ug/l
Aluminum	0.1	mg/l
Arsenic	0.05	mg/l
Barium	1	mg/l
Bis(2-Ethylhexyl) Phthalate	5	ug/l
Cadmium	0.005	mg/l
Chromium, Total	0.05	mg/l
Cobalt	0.11	mg/l
Copper	0.2	mg/l
Di-N-Butyl Phthalate	50	ug/l
Iron	0.3	mg/l
Lead	0.05	mg/l
Magnesium	35	mg/l
Manganese	0.3	mg/l
Mercury	0.0007	mg/l
Nickel	0.1	mg/l
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/l
Perfluorooctanoic acid (PFOA)	6.7	ng/l
Sodium	20	mg/l
Vanadium	0.014	mg/l
Zinc	2	mg/l

Results shaded red and bold exceed standard
ND = Non detect
ug/l = microgram per liter
mg/l = milligram per liter
ng/l = nanogram per liter
See laboratory report for all analyses

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

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Figure 4
Rock C and D Landfill - Site ID: 546061
Sampling Results - Sediment - Detections Only

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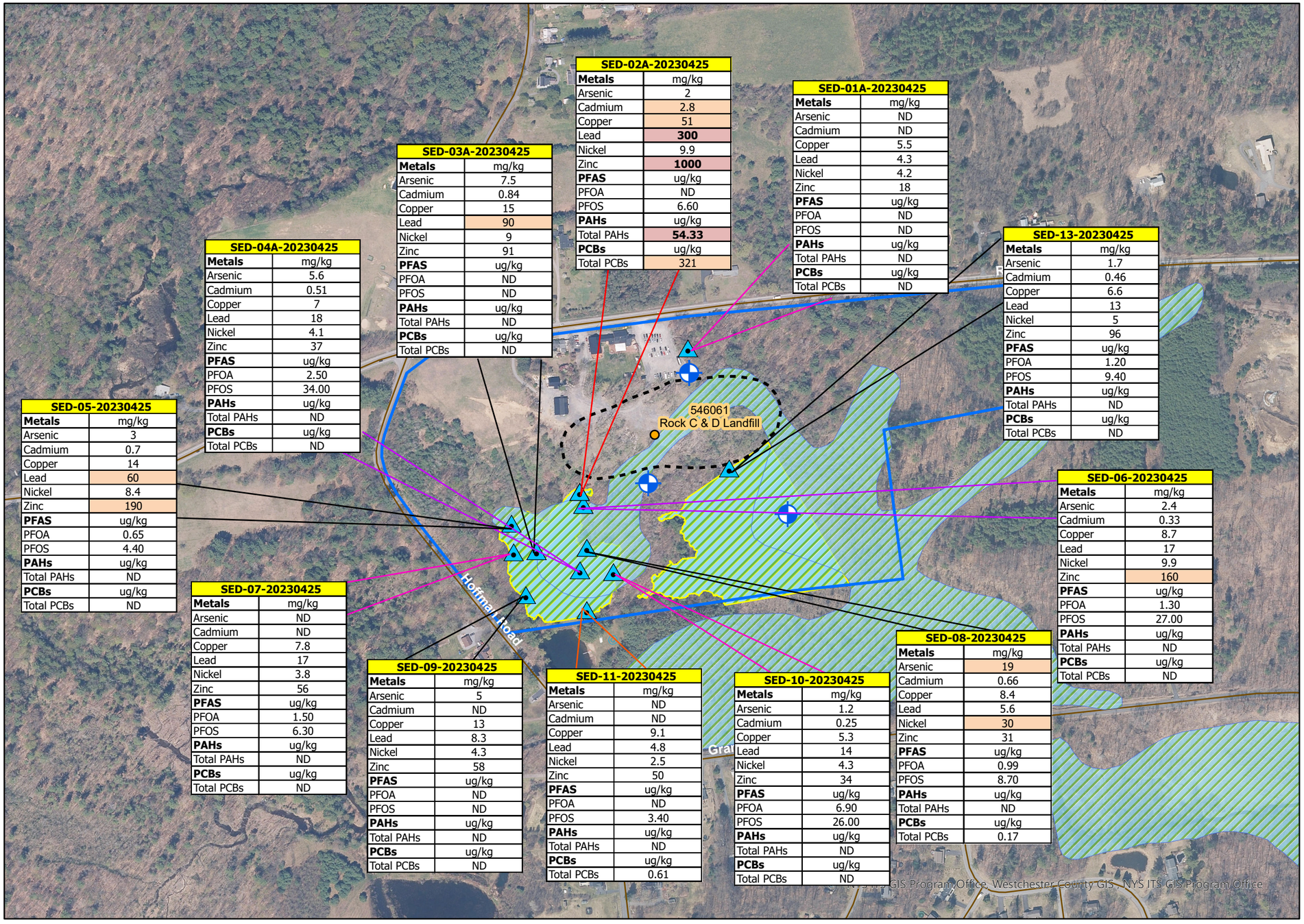

SED-02A-20230425	
Metals	mg/kg
Arsenic	2
Cadmium	2.8
Copper	51
Lead	**300**
Nickel	9.9
Zinc	**1000**
PFAS	ug/kg
PFOA	ND
PFOS	6.60
PAHs	ug/kg
Total PAHs	**54.33**
PCBs	ug/kg
Total PCBs	321

SED-03A-20230425	
Metals	mg/kg
Arsenic	7.5
Cadmium	0.84
Copper	15
Lead	90
Nickel	9
Zinc	91
PFAS	ug/kg
PFOA	ND
PFOS	ND
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-04A-20230425	
Metals	mg/kg
Arsenic	5.6
Cadmium	0.51
Copper	7
Lead	18
Nickel	4.1
Zinc	37
PFAS	ug/kg
PFOA	2.50
PFOS	34.00
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-01A-20230425	
Metals	mg/kg
Arsenic	ND
Cadmium	ND
Copper	5.5
Lead	4.3
Nickel	4.2
Zinc	18
PFAS	ug/kg
PFOA	ND
PFOS	ND
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-13-20230425	
Metals	mg/kg
Arsenic	1.7
Cadmium	0.46
Copper	6.6
Lead	13
Nickel	5
Zinc	96
PFAS	ug/kg
PFOA	1.20
PFOS	9.40
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-05-20230425	
Metals	mg/kg
Arsenic	3
Cadmium	0.7
Copper	14
Lead	60
Nickel	8.4
Zinc	190
PFAS	ug/kg
PFOA	0.65
PFOS	4.40
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-06-20230425	
Metals	mg/kg
Arsenic	2.4
Cadmium	0.33
Copper	8.7
Lead	17
Nickel	9.9
Zinc	160
PFAS	ug/kg
PFOA	1.30
PFOS	27.00
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-07-20230425	
Metals	mg/kg
Arsenic	ND
Cadmium	ND
Copper	7.8
Lead	17
Nickel	3.8
Zinc	56
PFAS	ug/kg
PFOA	1.50
PFOS	6.30
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-08-20230425	
Metals	mg/kg
Arsenic	19
Cadmium	0.66
Copper	8.4
Lead	5.6
Nickel	30
Zinc	31
PFAS	ug/kg
PFOA	0.99
PFOS	8.70
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	0.17

SED-09-20230425	
Metals	mg/kg
Arsenic	5
Cadmium	ND
Copper	13
Lead	8.3
Nickel	4.3
Zinc	58
PFAS	ug/kg
PFOA	ND
PFOS	ND
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-10-20230425	
Metals	mg/kg
Arsenic	1.2
Cadmium	0.25
Copper	5.3
Lead	14
Nickel	4.3
Zinc	34
PFAS	ug/kg
PFOA	6.90
PFOS	26.00
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	ND

SED-11-20230425	
Metals	mg/kg
Arsenic	ND
Cadmium	ND
Copper	9.1
Lead	4.8
Nickel	2.5
Zinc	50
PFAS	ug/kg
PFOA	ND
PFOS	3.40
PAHs	ug/kg
Total PAHs	ND
PCBs	ug/kg
Total PCBs	0.61

Legend

- Monitoring Well
- Surface Water/Sediment
- Landfill
- Remediation Site Borders
- Freshwater Wetland (C2)
- Observed Wetland Boundary

Freshwater Sediment Guidance Values				
CHEMICAL_NAME	Class A	Class B	Class C	Unit
Arsenic	<10	10-33	>33	mg/kg
Cadmium	<1	1-5	>5	mg/kg
Copper	<32	32-150	>150	mg/kg
Lead	<36	36-130	>130	mg/kg
Nickel	<23	23-49	>49	mg/kg
Zinc	<120	120-460	>460	mg/kg
Total PAHs	<4000	4,000-35,000	>35,000	ug/kg
Total PCB	<100	100-1000	>1000	ug/kg
Perfluorooctanoic acid (PFOA)	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	NA	NA	NA	NA

Results shaded orange exceed Class B
Results shaded red and bold exceed Class C
ND = Non detect
NA = No Applicable Guidance Value
ug/kg = microgram per kilogram
mg/kg = milligram per kilogram
See laboratory report for all analyses

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

NEW YORK STATE Department of Environmental Conservation

Figure 5
Rock C and D Landfill - Site ID: 546061
Sampling Results - Groundwater - Detections Only

N

MW-04-20230425	
PFAS	ng/l
PFOA	5.1
PFOS	**7.8**

UNK-02-20230425	
PFAS	ng/l
PFOA	**180**
PFOS	**170**

MW-03-20230425	
PFAS	ng/l
PFOA	**78**
PFOS	**89**

546061
Rock C & D Landfill

North Milton Road
Route 29
Hoffman Road
Grand Avenue
Burgovne Avenue
Acland Boulevard

Legend

- Monitoring Well
- Surface Water/Sediment
- Landfill
- Remediation Site Borders
- Freshwater Wetland (C2)
- Observed Wetland Boundary

Groundwater Ambient Water Quality Standard		Unit
Perfluorooctanesulfonic acid (PFOS)	2.7	ng/l
Perfluorooctanoic acid (PFOA)	6.7	ng/l

Results shaded red and bold exceed standard
ng/l = nanograms per liter
See laboratory report for all analyses

0 0.05 0.1 0.2 0.3 0.4 0.5 Miles

NEW YORK STATE | Department of Environmental Conservation

TABLES

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Arsenic	Metals	7440-38-2	mg/kg												
Aluminum	Metals	7429-90-5	mg/kg												
Cadmium	Metals	7440-43-9	mg/kg												
Copper	Metals	7440-50-8	mg/kg												
Barium	Metals	7440-39-3	mg/kg												
Lead	Metals	7439-92-1	mg/kg												
Nickel	Metals	7440-02-0	mg/kg												
Zinc	Metals	7440-66-6	mg/kg												
Calcium	Metals	7440-70-2	mg/kg												
Iron	Metals	7439-89-6	mg/kg												
Magnesium	Metals	7439-95-4	mg/kg												
Manganese	Metals	7439-96-5	mg/kg												
Mercury	Metals	7439-97-6	mg/kg												
Potassium	Metals	7440-09-7	mg/kg												
Silver	Metals	7440-22-4	mg/kg												
Sodium	Metals	7440-23-5	mg/kg												
Vanadium	Metals	7440-62-2	mg/kg												

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A-20230425			SED-02A-20230425		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Arsenic	Metals	7440-38-2	mg/kg	4.7	Y	J					N	U	2	Y	J
Aluminum	Metals	7429-90-5	mg/kg	5500	Y					3500	Y		1900	Y	
Cadmium	Metals	7440-43-9	mg/kg	4.5	Y						N	U	2.8	Y	
Copper	Metals	7440-50-8	mg/kg	130	Y					5.5	Y		51	Y	
Barium	Metals	7440-39-3	mg/kg	190	Y					11	Y		63	Y	
Lead	Metals	7439-92-1	mg/kg	850	Y					4.3	Y		300	Y	
Nickel	Metals	7440-02-0	mg/kg	20	Y					4.2	Y		9.9	Y	
Zinc	Metals	7440-66-6	mg/kg	1700	Y	D				18	Y		1000	Y	D
Calcium	Metals	7440-70-2	mg/kg	21000	Y					8700	Y		10000	Y	
Iron	Metals	7439-89-6	mg/kg	49000	Y	D				6700	Y	D	24000	Y	D
Magnesium	Metals	7439-95-4	mg/kg	2200	Y					3600	Y		840	Y	
Manganese	Metals	7439-96-5	mg/kg	870	Y					51	Y		310	Y	
Mercury	Metals	7439-97-6	mg/kg	0.58	Y						N	U	0.36	Y	
Potassium	Metals	7440-09-7	mg/kg	550	Y					300	Y		220	Y	J
Silver	Metals	7440-22-4	mg/kg	0.65	Y	J					N	U		N	U
Sodium	Metals	7440-23-5	mg/kg	440	Y	J				190	Y	J	290	Y	J
Vanadium	Metals	7440-62-2	mg/kg	21	Y					9.2	Y		10	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-03A			SED-04A			SED-05			SED-06		
			SYS_SAMPLE_CODE	SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072298			43.072081			43.072605			43.0728		
			LONGITUDE	-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Arsenic	Metals	7440-38-2	mg/kg	7.5	Y	J	5.6	Y	J	3	Y	J	2.4	Y	J
Aluminum	Metals	7429-90-5	mg/kg	7700	Y		2000	Y		8100	Y		11000	Y	
Cadmium	Metals	7440-43-9	mg/kg	0.84	Y	J	0.51	Y	J	0.7	Y	J	0.33	Y	J
Copper	Metals	7440-50-8	mg/kg	15	Y		7	Y		14	Y		8.7	Y	
Barium	Metals	7440-39-3	mg/kg	78	Y		59	Y		45	Y		69	Y	
Lead	Metals	7439-92-1	mg/kg	90	Y		18	Y		60	Y		17	Y	
Nickel	Metals	7440-02-0	mg/kg	9	Y		4.1	Y		8.4	Y		9.9	Y	
Zinc	Metals	7440-66-6	mg/kg	91	Y		37	Y		190	Y		160	Y	
Calcium	Metals	7440-70-2	mg/kg	26000	Y		56000	Y		14000	Y		6300	Y	
Iron	Metals	7439-89-6	mg/kg	22000	Y	D	20000	Y	D	12000	Y	D	22000	Y	D
Magnesium	Metals	7439-95-4	mg/kg	3400	Y		1200	Y		2100	Y		1400	Y	
Manganese	Metals	7439-96-5	mg/kg	770	Y		340	Y		170	Y		420	Y	
Mercury	Metals	7439-97-6	mg/kg	0.18	Y			N	U	0.1	Y	J	0.055	Y	J
Potassium	Metals	7440-09-7	mg/kg	730	Y	J	250	Y	J	580	Y	J	380	Y	J
Silver	Metals	7440-22-4	mg/kg		N	U		N	U		N	U	0.4	Y	J
Sodium	Metals	7440-23-5	mg/kg	600	Y	J	530	Y	J	570	Y	J	200	Y	J
Vanadium	Metals	7440-62-2	mg/kg	26	Y		10	Y		24	Y		22	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-07			SED-08			SED-09		
SYS_SAMPLE_CODE				SED-07-20230425			SED-08-20230425			SED-09-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072289			43.072328			43.071816		
LONGITUDE				-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Arsenic	Metals	7440-38-2	mg/kg		N	U	19	Y		5	Y	J
Aluminum	Metals	7429-90-5	mg/kg	4200	Y		7200	Y		1800	Y	
Cadmium	Metals	7440-43-9	mg/kg		N	U	0.66	Y	J		N	U
Copper	Metals	7440-50-8	mg/kg	7.8	Y		8.4	Y		13	Y	
Barium	Metals	7440-39-3	mg/kg	63	Y		500	Y		120	Y	
Lead	Metals	7439-92-1	mg/kg	17	Y		5.6	Y		8.3	Y	
Nickel	Metals	7440-02-0	mg/kg	3.8	Y		30	Y		4.3	Y	J
Zinc	Metals	7440-66-6	mg/kg	56	Y		31	Y		58	Y	
Calcium	Metals	7440-70-2	mg/kg	17000	Y		17000	Y		21000	Y	
Iron	Metals	7439-89-6	mg/kg	13000	Y	D	22000	Y	D	67000	Y	D
Magnesium	Metals	7439-95-4	mg/kg	1700	Y		1700	Y		1900	Y	
Manganese	Metals	7439-96-5	mg/kg	700	Y		21000	Y	D	590	Y	
Mercury	Metals	7439-97-6	mg/kg		N	U	0.057	Y	J		N	U
Potassium	Metals	7440-09-7	mg/kg	510	Y	J	260	Y	J		N	U
Silver	Metals	7440-22-4	mg/kg		N	U		N	U		N	U
Sodium	Metals	7440-23-5	mg/kg	820	Y	J	440	Y		920	Y	J
Vanadium	Metals	7440-62-2	mg/kg	12	Y		17	Y		7.5	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-10			SED-11			SED-13		
			SYS_SAMPLE_CODE	SED-10-20230425			SED-11-20230425			SED-13-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072057			43.071642			43.07318		
			LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Arsenic	Metals	7440-38-2	mg/kg	1.2	Y	J		N	U	1.7	Y	J
Aluminum	Metals	7429-90-5	mg/kg	11000	Y		510	Y		5500	Y	
Cadmium	Metals	7440-43-9	mg/kg	0.25	Y	J		N	U	0.46	Y	J
Copper	Metals	7440-50-8	mg/kg	5.3	Y		9.1	Y		6.6	Y	
Barium	Metals	7440-39-3	mg/kg	42	Y		39	Y		180	Y	
Lead	Metals	7439-92-1	mg/kg	14	Y		4.8	Y		13	Y	
Nickel	Metals	7440-02-0	mg/kg	4.3	Y		2.5	Y	J	5	Y	
Zinc	Metals	7440-66-6	mg/kg	34	Y		50	Y		96	Y	
Calcium	Metals	7440-70-2	mg/kg	8200	Y		28000	Y		39000	Y	D
Iron	Metals	7439-89-6	mg/kg	11000	Y	D	2800	Y	JD	16000	Y	D
Magnesium	Metals	7439-95-4	mg/kg	1200	Y		1900	Y		1200	Y	
Manganese	Metals	7439-96-5	mg/kg	110	Y		110	Y		3100	Y	
Mercury	Metals	7439-97-6	mg/kg	0.024	Y	J		N	U	0.064	Y	
Potassium	Metals	7440-09-7	mg/kg	210	Y	J	320	Y	J	290	Y	J
Silver	Metals	7440-22-4	mg/kg	0.28	Y	J		N	U		N	U
Sodium	Metals	7440-23-5	mg/kg	250	Y	J	1000	Y	J	230	Y	J
Vanadium	Metals	7440-62-2	mg/kg	18	Y		5.1	Y	J	12	Y	

ng/l = nanogram per liter
U = non detect
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J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE															
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	PAH	83-32-9	mg/kg												
Anthracene	PAH	120-12-7	mg/kg												
Benzo(A)Anthracene	PAH	56-55-3	mg/kg												
Benzo(A)Pyrene	PAH	50-32-8	mg/kg												
Benzo(B)Fluoranthene	PAH	205-99-2	mg/kg												
Benzo(G,H,I)Perylene	PAH	191-24-2	mg/kg												
Benzo(K)Fluoranthene	PAH	207-08-9	mg/kg												
Benzyl Butyl Phthalate	PAH	85-68-7	mg/kg												
Bis(2-Ethylhexyl) Phthalate	PAH	117-81-7	mg/kg												
Chrysene	PAH	218-01-9	mg/kg												
Dibenz(A,H)Anthracene	PAH	53-70-3	mg/kg												
Dibenzofuran	PAH	132-64-9	mg/kg												
Fluoranthene	PAH	206-44-0	mg/kg												
Fluorene	PAH	86-73-7	mg/kg												
Indeno(1,2,3-C,D)Pyrene	PAH	193-39-5	mg/kg												
Naphthalene	PAH	91-20-3	mg/kg												
Phenanthrene	PAH	85-01-8	mg/kg												
Pyrene	PAH	129-00-0	mg/kg												

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A-20230425			SED-02A-20230425		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	PAH	83-32-9	mg/kg	0.77	Y						N	U	0.33	Y	J
Anthracene	PAH	120-12-7	mg/kg	1.8	Y						N	U	1	Y	
Benzo(A)Anthracene	PAH	56-55-3	mg/kg	5.3	Y						N	U	3	Y	
Benzo(A)Pyrene	PAH	50-32-8	mg/kg	4.9	Y						N	U	2.8	Y	
Benzo(B)Fluoranthene	PAH	205-99-2	mg/kg	5.6	Y						N	U	3.2	Y	
Benzo(G,H,I)Perylene	PAH	191-24-2	mg/kg	3.9	Y						N	U	2.1	Y	
Benzo(K)Fluoranthene	PAH	207-08-9	mg/kg	2.3	Y						N	U	1.3	Y	
Benzyl Butyl Phthalate	PAH	85-68-7	mg/kg	0.32	Y	J					N	U	0.94	Y	
Bis(2-Ethylhexyl) Phthalate	PAH	117-81-7	mg/kg	0.55	Y	J					N	U	0.97	Y	
Chrysene	PAH	218-01-9	mg/kg	5	Y						N	U	2.9	Y	
Dibenz(A,H)Anthracene	PAH	53-70-3	mg/kg	0.87	Y						N	U	0.44	Y	J
Dibenzofuran	PAH	132-64-9	mg/kg	0.42	Y	J					N	U		N	U
Fluoranthene	PAH	206-44-0	mg/kg	13	Y						N	U	7.5	Y	
Fluorene	PAH	86-73-7	mg/kg	0.81	Y						N	U	0.32	Y	J
Indeno(1,2,3-C,D)Pyrene	PAH	193-39-5	mg/kg	3.9	Y						N	U	2.1	Y	
Naphthalene	PAH	91-20-3	mg/kg	0.35	Y	J					N	U		N	U
Phenanthrene	PAH	85-01-8	mg/kg	8	Y						N	U	3.8	Y	
Pyrene	PAH	129-00-0	mg/kg	9.6	Y						N	U	5.8	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-03A			SED-04A			SED-05			SED-06		
			SYS_SAMPLE_CODE	SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072298			43.072081			43.072605			43.0728		
			LONGITUDE	-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	PAH	83-32-9	mg/kg		N	U		N	U		N	U		N	U
Anthracene	PAH	120-12-7	mg/kg		N	U		N	U		N	U		N	U
Benzo(A)Anthracene	PAH	56-55-3	mg/kg		N	U		N	U		N	U		N	U
Benzo(A)Pyrene	PAH	50-32-8	mg/kg		N	U		N	U		N	U		N	U
Benzo(B)Fluoranthene	PAH	205-99-2	mg/kg		N	U		N	U		N	U		N	U
Benzo(G,H,I)Perylene	PAH	191-24-2	mg/kg		N	U		N	U		N	U		N	U
Benzo(K)Fluoranthene	PAH	207-08-9	mg/kg		N	U		N	U		N	U		N	U
Benzyl Butyl Phthalate	PAH	85-68-7	mg/kg		N	U		N	U		N	U		N	U
Bis(2-Ethylhexyl) Phthalate	PAH	117-81-7	mg/kg		N	U		N	U		N	U		N	U
Chrysene	PAH	218-01-9	mg/kg		N	U		N	U		N	U		N	U
Dibenz(A,H)Anthracene	PAH	53-70-3	mg/kg		N	U		N	U		N	U		N	U
Dibenzofuran	PAH	132-64-9	mg/kg		N	U		N	U		N	U		N	U
Fluoranthene	PAH	206-44-0	mg/kg		N	U		N	U		N	U		N	U
Fluorene	PAH	86-73-7	mg/kg		N	U		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	PAH	193-39-5	mg/kg		N	U		N	U		N	U		N	U
Naphthalene	PAH	91-20-3	mg/kg		N	U		N	U		N	U		N	U
Phenanthrene	PAH	85-01-8	mg/kg		N	U		N	U		N	U		N	U
Pyrene	PAH	129-00-0	mg/kg		N	U		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
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estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-07			SED-08			SED-09		
			SYS_SAMPLE_CODE	SED-07-20230425			SED-08-20230425			SED-09-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072289			43.072328			43.071816		
			LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	PAH	83-32-9	mg/kg		N	U		N	U		N	U
Anthracene	PAH	120-12-7	mg/kg		N	U		N	U		N	U
Benzo(A)Anthracene	PAH	56-55-3	mg/kg		N	U		N	U		N	U
Benzo(A)Pyrene	PAH	50-32-8	mg/kg		N	U		N	U		N	U
Benzo(B)Fluoranthene	PAH	205-99-2	mg/kg		N	U		N	U		N	U
Benzo(G,H,I)Perylene	PAH	191-24-2	mg/kg		N	U		N	U		N	U
Benzo(K)Fluoranthene	PAH	207-08-9	mg/kg		N	U		N	U		N	U
Benzyl Butyl Phthalate	PAH	85-68-7	mg/kg		N	U	0.17	Y	J		N	U
Bis(2-Ethylhexyl) Phthalate	PAH	117-81-7	mg/kg		N	U		N	U		N	U
Chrysene	PAH	218-01-9	mg/kg		N	U		N	U		N	U
Dibenz(A,H)Anthracene	PAH	53-70-3	mg/kg		N	U		N	U		N	U
Dibenzofuran	PAH	132-64-9	mg/kg		N	U		N	U		N	U
Fluoranthene	PAH	206-44-0	mg/kg		N	U		N	U		N	U
Fluorene	PAH	86-73-7	mg/kg		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	PAH	193-39-5	mg/kg		N	U		N	U		N	U
Naphthalene	PAH	91-20-3	mg/kg		N	U		N	U		N	U
Phenanthrene	PAH	85-01-8	mg/kg		N	U		N	U		N	U
Pyrene	PAH	129-00-0	mg/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-10			SED-11			SED-13		
			SYS_SAMPLE_CODE	SED-10-20230425			SED-11-20230425			SED-13-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072057			43.071642			43.07318		
			LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	PAH	83-32-9	mg/kg		N	U		N	U		N	U
Anthracene	PAH	120-12-7	mg/kg		N	U		N	U		N	U
Benzo(A)Anthracene	PAH	56-55-3	mg/kg		N	U		N	U		N	U
Benzo(A)Pyrene	PAH	50-32-8	mg/kg		N	U		N	U		N	U
Benzo(B)Fluoranthene	PAH	205-99-2	mg/kg		N	U		N	U		N	U
Benzo(G,H,I)Perylene	PAH	191-24-2	mg/kg		N	U		N	U		N	U
Benzo(K)Fluoranthene	PAH	207-08-9	mg/kg		N	U		N	U		N	U
Benzyl Butyl Phthalate	PAH	85-68-7	mg/kg		N	U	0.61	Y	J		N	U
Bis(2-Ethylhexyl) Phthalate	PAH	117-81-7	mg/kg		N	U		N	U		N	U
Chrysene	PAH	218-01-9	mg/kg		N	U		N	U		N	U
Dibenz(A,H)Anthracene	PAH	53-70-3	mg/kg		N	U		N	U		N	U
Dibenzofuran	PAH	132-64-9	mg/kg		N	U		N	U		N	U
Fluoranthene	PAH	206-44-0	mg/kg		N	U		N	U		N	U
Fluorene	PAH	86-73-7	mg/kg		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	PAH	193-39-5	mg/kg		N	U		N	U		N	U
Naphthalene	PAH	91-20-3	mg/kg		N	U		N	U		N	U
Phenanthrene	PAH	85-01-8	mg/kg		N	U		N	U		N	U
Pyrene	PAH	129-00-0	mg/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	PCB	12674-11-2	mg/kg												
PCB-1221 (Aroclor 1221)	PCB	11104-28-2	mg/kg												
PCB-1232 (Aroclor 1232)	PCB	11141-16-5	mg/kg												
PCB-1242 (Aroclor 1242)	PCB	53469-21-9	mg/kg												
PCB-1248 (Aroclor 1248)	PCB	12672-29-6	mg/kg												
PCB-1262 (Aroclor 1262)	PCB	37324-23-5	mg/kg												
PCB-1268 (Aroclor 1268)	PCB	11100-14-4	mg/kg												
PCB-1254 (Aroclor 1254)	PCB	11097-69-1	mg/kg												
PCB-1260 (Aroclor 1260)	PCB	11096-82-5	mg/kg												

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A-20230425			SED-02A-20230425		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	PCB	12674-11-2	mg/kg		N	U					N	U		N	U
PCB-1221 (Aroclor 1221)	PCB	11104-28-2	mg/kg		N	U					N	U		N	U
PCB-1232 (Aroclor 1232)	PCB	11141-16-5	mg/kg		N	U					N	U		N	U
PCB-1242 (Aroclor 1242)	PCB	53469-21-9	mg/kg		N	U					N	U		N	U
PCB-1248 (Aroclor 1248)	PCB	12672-29-6	mg/kg		N	U					N	U		N	U
PCB-1262 (Aroclor 1262)	PCB	37324-23-5	mg/kg		N	U					N	U		N	U
PCB-1268 (Aroclor 1268)	PCB	11100-14-4	mg/kg		N	U					N	U		N	U
PCB-1254 (Aroclor 1254)	PCB	11097-69-1	mg/kg		N	U					N	U	0.25	Y	D
PCB-1260 (Aroclor 1260)	PCB	11096-82-5	mg/kg	0.12	Y	JD					N	U	0.071	Y	JD

ng/l = nanogram per liter
U = non detect
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estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-03A			SED-04A			SED-05			SED-06		
SYS_SAMPLE_CODE				SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072298			43.072081			43.072605			43.0728		
LONGITUDE				-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	PCB	12674-11-2	mg/kg		N	U		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	PCB	11104-28-2	mg/kg		N	U		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	PCB	11141-16-5	mg/kg		N	U		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	PCB	53469-21-9	mg/kg		N	U		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	PCB	12672-29-6	mg/kg		N	U		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	PCB	37324-23-5	mg/kg		N	U		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	PCB	11100-14-4	mg/kg		N	U		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	PCB	11097-69-1	mg/kg		N	U		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	PCB	11096-82-5	mg/kg		N	U		N	U		N	U		N	U

ng/l = nanogram per liter
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estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-07			SED-08			SED-09		
			SYS_SAMPLE_CODE	SED-07-20230425			SED-08-20230425			SED-09-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072289			43.072328			43.071816		
			LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	PCB	12674-11-2	mg/kg		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	PCB	11104-28-2	mg/kg		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	PCB	11141-16-5	mg/kg		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	PCB	53469-21-9	mg/kg		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	PCB	12672-29-6	mg/kg		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	PCB	37324-23-5	mg/kg		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	PCB	11100-14-4	mg/kg		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	PCB	11097-69-1	mg/kg		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	PCB	11096-82-5	mg/kg		N	U		N	U		N	U

ng/l = nanogram per liter
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J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-10			SED-11			SED-13		
SYS_SAMPLE_CODE				SED-10-20230425			SED-11-20230425			SED-13-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072057			43.071642			43.07318		
LONGITUDE				-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	PCB	12674-11-2	mg/kg		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	PCB	11104-28-2	mg/kg		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	PCB	11141-16-5	mg/kg		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	PCB	53469-21-9	mg/kg		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	PCB	12672-29-6	mg/kg		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	PCB	37324-23-5	mg/kg		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	PCB	11100-14-4	mg/kg		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	PCB	11097-69-1	mg/kg		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	PCB	11096-82-5	mg/kg		N	U		N	U		N	U

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J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Perfluorobutanoic Acid	PFAS	375-22-4	ug/kg		N	U									
Perfluorodecanoic acid (PFDA)	PFAS	335-76-2	ug/kg	2.7	Y										
Perfluorododecanoic acid (PFDoA)	PFAS	307-55-1	ug/kg	1	Y	J									
Perfluorononanoic acid (PFNA)	PFAS	375-95-1	ug/kg		N	U									
Perfluorooctanesulfonic acid (PFOS)	PFAS	1763-23-1	ug/kg	16	Y										
Perfluorooctanoic acid (PFOA)	PFAS	335-67-1	ug/kg	0.75	Y	J									
Perfluoroundecanoic Acid (PFUnA)	PFAS	2058-94-8	ug/kg	2.4	Y										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	PFAS	763051-92-9	ug/kg		N	U									
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	PFAS	39108-34-4	ug/kg		N	U									
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	PFAS	757124-72-4	ug/kg		N	U									
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	PFAS	27619-97-2	ug/kg		N	U									
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	PFAS	919005-14-4	ug/kg		N	U									
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	PFAS	756426-58-1	ug/kg		N	U									
Hexafluoropropylene oxide dimer acid (HFPO-DA)	PFAS	13252-13-6	ug/kg		N	U									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	PFAS	2991-50-6	ug/kg	1.4	Y	J									
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	PFAS	2355-31-9	ug/kg		N	U									
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	PFAS	151772-58-6	ug/kg		N	U									
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	PFAS	113507-82-7	ug/kg		N	U									
Perfluoro-1-butanesulfonamide (FBSA)	PFAS	30334-69-1	ug/kg		N	U									
Perfluoro-1-hexanesulfonamide (FHxSA)	PFAS	41997-13-1	ug/kg		N	U									
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFAS	377-73-1	ug/kg		N	U									
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFAS	863090-89-5	ug/kg		N	U									
Perfluorobutanesulfonic acid (PFBS)	PFAS	375-73-5	ug/kg		N	U									
Perfluorodecanesulfonic acid (PFDS)	PFAS	335-77-3	ug/kg		N	U									
Perfluoroheptanesulfonic acid (PFHpS)	PFAS	375-92-8	ug/kg		N	U									
Perfluoroheptanoic acid (PFHpA)	PFAS	375-85-9	ug/kg		N	U									
Perfluorohexanesulfonic acid (PFHxS)	PFAS	355-46-4	ug/kg		N	U									
Perfluorohexanoic acid (PFHxA)	PFAS	307-24-4	ug/kg		N	U									
Perfluorononanesulfonic Acid (PFNS)	PFAS	68259-12-1	ug/kg		N	U									
Perfluorooctane Sulfonamide (PFOSA)	PFAS	754-91-6	ug/kg		N	U									
Perfluoropentanesulfonic Acid (PFPeS)	PFAS	2706-91-4	ug/kg		N	U									
Perfluoropentanoic Acid (PFPeA)	PFAS	2706-90-3	ug/kg		N	U									
Perfluorotetradecanoic acid (PFTeDA)	PFAS	376-06-7	ug/kg		N	U									
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	PFAS	72629-94-8	ug/kg		N	U									

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A-20230425			SED-02A-20230425		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Perfluorobutanoic Acid	PFAS	375-22-4	ug/kg								N	U		N	U
Perfluorodecanoic acid (PFDA)	PFAS	335-76-2	ug/kg								N	U		N	U
Perfluorododecanoic acid (PFDoA)	PFAS	307-55-1	ug/kg								N	U		N	U
Perfluorononanoic acid (PFNA)	PFAS	375-95-1	ug/kg								N	U		N	U
Perfluorooctanesulfonic acid (PFOS)	PFAS	1763-23-1	ug/kg								N	U	6.6	Y	
Perfluorooctanoic acid (PFOA)	PFAS	335-67-1	ug/kg								N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	PFAS	2058-94-8	ug/kg								N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	PFAS	763051-92-9	ug/kg								N	U		N	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	PFAS	39108-34-4	ug/kg								N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	PFAS	757124-72-4	ug/kg								N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	PFAS	27619-97-2	ug/kg								N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	PFAS	919005-14-4	ug/kg								N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	PFAS	756426-58-1	ug/kg								N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	PFAS	13252-13-6	ug/kg								N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	PFAS	2991-50-6	ug/kg								N	U		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	PFAS	2355-31-9	ug/kg								N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	PFAS	151772-58-6	ug/kg								N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	PFAS	113507-82-7	ug/kg								N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	PFAS	30334-69-1	ug/kg								N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	PFAS	41997-13-1	ug/kg								N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFAS	377-73-1	ug/kg								N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFAS	863090-89-5	ug/kg								N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	PFAS	375-73-5	ug/kg								N	U		N	U
Perfluorodecanesulfonic acid (PFDS)	PFAS	335-77-3	ug/kg								N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	PFAS	375-92-8	ug/kg								N	U		N	U
Perfluoroheptanoic acid (PFHpA)	PFAS	375-85-9	ug/kg								N	U		N	U
Perfluorohexanesulfonic acid (PFHxS)	PFAS	355-46-4	ug/kg								N	U		N	U
Perfluorohexanoic acid (PFHxA)	PFAS	307-24-4	ug/kg								N	U		N	U
Perfluorononanesulfonic Acid (PFNS)	PFAS	68259-12-1	ug/kg								N	U		N	U
Perfluorooctane Sulfonamide (PFOSA)	PFAS	754-91-6	ug/kg								N	U		N	U
Perfluoropentanesulfonic Acid (PFPeS)	PFAS	2706-91-4	ug/kg								N	U		N	U
Perfluoropentanoic Acid (PFPeA)	PFAS	2706-90-3	ug/kg								N	U		N	U
Perfluorotetradecanoic acid (PFTeDA)	PFAS	376-06-7	ug/kg								N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	PFAS	72629-94-8	ug/kg								N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-03A			SED-04A			SED-05			SED-06		
			SYS_SAMPLE_CODE	SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072298			43.072081			43.072605			43.0728		
			LONGITUDE	-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Perfluorobutanoic Acid	PFAS	375-22-4	ug/kg		N	U		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	PFAS	335-76-2	ug/kg		N	U	2.1	Y	J		N	U	3.8	Y	
Perfluorododecanoic acid (PFDoA)	PFAS	307-55-1	ug/kg		N	U		N	U		N	U	1.9	Y	J
Perfluorononanoic acid (PFNA)	PFAS	375-95-1	ug/kg		N	U	2.3	Y	J		N	U	1.1	Y	J
Perfluorooctanesulfonic acid (PFOS)	PFAS	1763-23-1	ug/kg		N	U	34	Y		4.4	Y		27	Y	
Perfluorooctanoic acid (PFOA)	PFAS	335-67-1	ug/kg		N	U	2.5	Y		0.65	Y	J	1.3	Y	J
Perfluoroundecanoic Acid (PFUnA)	PFAS	2058-94-8	ug/kg		N	U		N	U		N	U	3.6	Y	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	PFAS	763051-92-9	ug/kg		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	PFAS	39108-34-4	ug/kg		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	PFAS	757124-72-4	ug/kg		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	PFAS	27619-97-2	ug/kg		N	U		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	PFAS	919005-14-4	ug/kg		N	U		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	PFAS	756426-58-1	ug/kg		N	U		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	PFAS	13252-13-6	ug/kg		N	U		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	PFAS	2991-50-6	ug/kg		N	U		N	U		N	U	2.3	Y	J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	PFAS	2355-31-9	ug/kg		N	U		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	PFAS	151772-58-6	ug/kg		N	U		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	PFAS	113507-82-7	ug/kg		N	U		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	PFAS	30334-69-1	ug/kg		N	U		N	U		N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	PFAS	41997-13-1	ug/kg		N	U		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFAS	377-73-1	ug/kg		N	U		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFAS	863090-89-5	ug/kg		N	U		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	PFAS	375-73-5	ug/kg		N	U		N	U		N	U		N	U
Perfluorodecanesulfonic acid (PFDS)	PFAS	335-77-3	ug/kg		N	U		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	PFAS	375-92-8	ug/kg		N	U		N	U		N	U		N	U
Perfluoroheptanoic acid (PFHpA)	PFAS	375-85-9	ug/kg		N	U		N	U		N	U		N	U
Perfluorohexanesulfonic acid (PFHxS)	PFAS	355-46-4	ug/kg		N	U		N	U		N	U		N	U
Perfluorohexanoic acid (PFHxA)	PFAS	307-24-4	ug/kg		N	U		N	U		N	U		N	U
Perfluorononanesulfonic Acid (PFNS)	PFAS	68259-12-1	ug/kg		N	U		N	U		N	U		N	U
Perfluorooctane Sulfonamide (PFOSA)	PFAS	754-91-6	ug/kg		N	U		N	U		N	U		N	U
Perfluoropentanesulfonic Acid (PFPeS)	PFAS	2706-91-4	ug/kg		N	U		N	U		N	U		N	U
Perfluoropentanoic Acid (PFPeA)	PFAS	2706-90-3	ug/kg		N	U		N	U		N	U		N	U
Perfluorotetradecanoic acid (PFTeDA)	PFAS	376-06-7	ug/kg		N	U		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	PFAS	72629-94-8	ug/kg		N	U		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-07			SED-08			SED-09		
			SYS_SAMPLE_CODE	SED-07-20230425			SED-08-20230425			SED-09-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072289			43.072328			43.071816		
			LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Perfluorobutanoic Acid	PFAS	375-22-4	ug/kg	0.91	Y	J		N	U		N	U
Perfluorodecanoic acid (PFDA)	PFAS	335-76-2	ug/kg		N	U		N	U		N	U
Perfluorododecanoic acid (PFDoA)	PFAS	307-55-1	ug/kg		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	PFAS	375-95-1	ug/kg		N	U	0.78	Y	J		N	U
Perfluorooctanesulfonic acid (PFOS)	PFAS	1763-23-1	ug/kg	6.3	Y		8.7	Y			N	U
Perfluorooctanoic acid (PFOA)	PFAS	335-67-1	ug/kg	1.5	Y	J	0.99	Y	J		N	U
Perfluoroundecanoic Acid (PFUnA)	PFAS	2058-94-8	ug/kg		N	U		N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	PFAS	763051-92-9	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	PFAS	39108-34-4	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	PFAS	757124-72-4	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	PFAS	27619-97-2	ug/kg		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	PFAS	919005-14-4	ug/kg		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	PFAS	756426-58-1	ug/kg		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	PFAS	13252-13-6	ug/kg		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	PFAS	2991-50-6	ug/kg		N	U		N	U		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	PFAS	2355-31-9	ug/kg		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	PFAS	151772-58-6	ug/kg		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	PFAS	113507-82-7	ug/kg		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	PFAS	30334-69-1	ug/kg		N	U		N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	PFAS	41997-13-1	ug/kg		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFAS	377-73-1	ug/kg		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFAS	863090-89-5	ug/kg		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	PFAS	375-73-5	ug/kg		N	U		N	U		N	U
Perfluorodecanesulfonic acid (PFDS)	PFAS	335-77-3	ug/kg		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	PFAS	375-92-8	ug/kg		N	U		N	U		N	U
Perfluoroheptanoic acid (PFHpA)	PFAS	375-85-9	ug/kg		N	U		N	U		N	U
Perfluorohexanesulfonic acid (PFHxS)	PFAS	355-46-4	ug/kg		N	U		N	U		N	U
Perfluorohexanoic acid (PFHxA)	PFAS	307-24-4	ug/kg		N	U		N	U		N	U
Perfluorononanesulfonic Acid (PFNS)	PFAS	68259-12-1	ug/kg		N	U		N	U		N	U
Perfluorooctane Sulfonamide (PFOSA)	PFAS	754-91-6	ug/kg		N	U		N	U		N	U
Perfluoropentanesulfonic Acid (PFPeS)	PFAS	2706-91-4	ug/kg		N	U		N	U		N	U
Perfluoropentanoic Acid (PFPeA)	PFAS	2706-90-3	ug/kg		N	U		N	U		N	U
Perfluorotetradecanoic acid (PFTeDA)	PFAS	376-06-7	ug/kg		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	PFAS	72629-94-8	ug/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-10			SED-11			SED-13		
			SYS_SAMPLE_CODE	SED-10-20230425			SED-11-20230425			SED-13-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072057			43.071642			43.07318		
			LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Perfluorobutanoic Acid	PFAS	375-22-4	ug/kg		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	PFAS	335-76-2	ug/kg		N	U		N	U	0.8	Y	J
Perfluorododecanoic acid (PFDoA)	PFAS	307-55-1	ug/kg		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	PFAS	375-95-1	ug/kg	3.4	Y	J		N	U	0.42	Y	J
Perfluorooctanesulfonic acid (PFOS)	PFAS	1763-23-1	ug/kg	26	Y		3.4	Y	J	9.4	Y	
Perfluorooctanoic acid (PFOA)	PFAS	335-67-1	ug/kg	6.9	Y			N	U	1.2	Y	
Perfluoroundecanoic Acid (PFUnA)	PFAS	2058-94-8	ug/kg		N	U		N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	PFAS	763051-92-9	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	PFAS	39108-34-4	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	PFAS	757124-72-4	ug/kg		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	PFAS	27619-97-2	ug/kg		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	PFAS	919005-14-4	ug/kg		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	PFAS	756426-58-1	ug/kg		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	PFAS	13252-13-6	ug/kg		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	PFAS	2991-50-6	ug/kg		N	U		N	U		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	PFAS	2355-31-9	ug/kg		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	PFAS	151772-58-6	ug/kg		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	PFAS	113507-82-7	ug/kg		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	PFAS	30334-69-1	ug/kg		N	U		N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	PFAS	41997-13-1	ug/kg		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	PFAS	377-73-1	ug/kg		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	PFAS	863090-89-5	ug/kg		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	PFAS	375-73-5	ug/kg		N	U		N	U		N	U
Perfluorodecanesulfonic acid (PFDS)	PFAS	335-77-3	ug/kg		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	PFAS	375-92-8	ug/kg		N	U		N	U		N	U
Perfluoroheptanoic acid (PFHpA)	PFAS	375-85-9	ug/kg		N	U		N	U		N	U
Perfluorohexanesulfonic acid (PFHxS)	PFAS	355-46-4	ug/kg		N	U		N	U		N	U
Perfluorohexanoic acid (PFHxA)	PFAS	307-24-4	ug/kg		N	U		N	U		N	U
Perfluorononanesulfonic Acid (PFNS)	PFAS	68259-12-1	ug/kg		N	U		N	U		N	U
Perfluorooctane Sulfonamide (PFOSA)	PFAS	754-91-6	ug/kg		N	U		N	U		N	U
Perfluoropentanesulfonic Acid (PFPeS)	PFAS	2706-91-4	ug/kg		N	U		N	U		N	U
Perfluoropentanoic Acid (PFPeA)	PFAS	2706-90-3	ug/kg		N	U		N	U		N	U
Perfluorotetradecanoic acid (PFTeDA)	PFAS	376-06-7	ug/kg		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	PFAS	72629-94-8	ug/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
1,1,1-Trichloroethane (TCA)		71-55-6	mg/kg												
1,1,2,2-Tetrachloroethane		79-34-5	mg/kg												
1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1	mg/kg												
1,1,2-Trichloroethane		79-00-5	mg/kg												
1,1-Dichloroethane		75-34-3	mg/kg												
1,1-Dichloroethene		75-35-4	mg/kg												
1,2,3-Trichlorobenzene		87-61-6	mg/kg												
1,2,4,5-Tetrachlorobenzene		95-94-3	mg/kg												
1,2,4-Trichlorobenzene		120-82-1	mg/kg												
1,2-Dibromo-3-Chloropropane		96-12-8	mg/kg												
1,2-Dibromoethane (Ethylene Dibromide)		106-93-4	mg/kg												
1,2-Dichlorobenzene		95-50-1	mg/kg												
1,2-Dichloroethane		107-06-2	mg/kg												
1,2-Dichloropropane		78-87-5	mg/kg												
1,3-Dichlorobenzene		541-73-1	mg/kg												
1,4-Dichlorobenzene		106-46-7	mg/kg												
1,4-Dioxane (P-Dioxane)		123-91-1	mg/kg												
2,4,5-Trichlorophenol		95-95-4	mg/kg												
2,4,6-Trichlorophenol		88-06-2	mg/kg												
2,4-Dichlorophenol		120-83-2	mg/kg												
2,4-Dimethylphenol		105-67-9	mg/kg												
2,4-Dinitrophenol		51-28-5	mg/kg												
2,4-Dinitrotoluene		121-14-2	mg/kg												
2,6-Dinitrotoluene		606-20-2	mg/kg												
2-Chloronaphthalene		91-58-7	mg/kg												
2-Chlorophenol		95-57-8	mg/kg												
2-Hexanone		591-78-6	mg/kg												
2-Methylnaphthalene		91-57-6	mg/kg												
2-Methylphenol (O-Cresol)		95-48-7	mg/kg												
2-Nitroaniline		88-74-4	mg/kg												
2-Nitrophenol		88-75-5	mg/kg												
3- And 4- Methylphenol (Total)		MEPH3MEPH4	mg/kg												
3,3'-Dichlorobenzidine		91-94-1	mg/kg												
3-Nitroaniline		99-09-2	mg/kg												
4,6-Dinitro-2-Methylphenol		534-52-1	mg/kg												
4-Bromophenyl Phenyl Ether		101-55-3	mg/kg												
4-Chloro-3-Methylphenol		59-50-7	mg/kg												
4-Chloroaniline		106-47-8	mg/kg												
4-Chlorophenyl Phenyl Ether		7005-72-3	mg/kg												
4-Nitroaniline		100-01-6	mg/kg												
4-Nitrophenol		100-02-7	mg/kg												
Acenaphthylene		208-96-8	mg/kg												
Acetone		67-64-1	mg/kg												
Acetophenone		98-86-2	mg/kg												
Antimony		7440-36-0	mg/kg												
Atrazine		1912-24-9	mg/kg												
Benzaldehyde		100-52-7	mg/kg												
Benzene		71-43-2	mg/kg												
Beryllium		7440-41-7	mg/kg												
Biphenyl (Diphenyl or 1,1'-Biphenyl)		92-52-4	mg/kg												
Bis(2-Chloroethoxy) Methane		111-91-1	mg/kg												
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	mg/kg												
Bis(2-Chloroisopropyl) Ether		108-60-1	mg/kg												
Bromochloromethane		74-97-5	mg/kg												
Bromodichloromethane		75-27-4	mg/kg												
Bromoform		75-25-2	mg/kg												
Bromomethane		74-83-9	mg/kg												
Caprolactam		105-60-2	mg/kg												
Carbazole		86-74-8	mg/kg												

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A-20230425			SED-02A-20230425		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
1,1,1-Trichloroethane (TCA)		71-55-6	mg/kg		N	U					N	U		N	U
1,1,2,2-Tetrachloroethane		79-34-5	mg/kg		N	U					N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1	mg/kg		N	U					N	U		N	U
1,1,2-Trichloroethane		79-00-5	mg/kg		N	U					N	U		N	U
1,1-Dichloroethane		75-34-3	mg/kg		N	U					N	U		N	U
1,1-Dichloroethene		75-35-4	mg/kg		N	U					N	U		N	U
1,2,3-Trichlorobenzene		87-61-6	mg/kg		N	U					N	U		N	U
1,2,4,5-Tetrachlorobenzene		95-94-3	mg/kg		N	U					N	U		N	U
1,2,4-Trichlorobenzene		120-82-1	mg/kg		N	U					N	U		N	U
1,2-Dibromo-3-Chloropropane		96-12-8	mg/kg		N	U					N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)		106-93-4	mg/kg		N	U					N	U		N	U
1,2-Dichlorobenzene		95-50-1	mg/kg		N	U					N	U		N	U
1,2-Dichloroethane		107-06-2	mg/kg		N	U					N	U		N	U
1,2-Dichloropropane		78-87-5	mg/kg		N	U					N	U		N	U
1,3-Dichlorobenzene		541-73-1	mg/kg		N	U					N	U		N	U
1,4-Dichlorobenzene		106-46-7	mg/kg		N	U					N	U		N	U
1,4-Dioxane (P-Dioxane)		123-91-1	mg/kg		N	U					N	U		N	U
2,4,5-Trichlorophenol		95-95-4	mg/kg		N	U					N	U		N	U
2,4,6-Trichlorophenol		88-06-2	mg/kg		N	U					N	U		N	U
2,4-Dichlorophenol		120-83-2	mg/kg		N	U					N	U		N	U
2,4-Dimethylphenol		105-67-9	mg/kg		N	U					N	U		N	U
2,4-Dinitrophenol		51-28-5	mg/kg		N	U					N	U		N	U
2,4-Dinitrotoluene		121-14-2	mg/kg		N	U					N	U		N	U
2,6-Dinitrotoluene		606-20-2	mg/kg		N	U					N	U		N	U
2-Chloronaphthalene		91-58-7	mg/kg		N	U					N	U		N	U
2-Chlorophenol		95-57-8	mg/kg		N	U					N	U		N	U
2-Hexanone		591-78-6	mg/kg		N	U					N	U		N	U
2-Methylnaphthalene		91-57-6	mg/kg		N	U					N	U		N	U
2-Methylphenol (O-Cresol)		95-48-7	mg/kg		N	U					N	U		N	U
2-Nitroaniline		88-74-4	mg/kg		N	U					N	U		N	U
2-Nitrophenol		88-75-5	mg/kg		N	U					N	U		N	U
3- And 4- Methylphenol (Total)		MEPH3MEPH4	mg/kg		N	U					N	U		N	U
3,3'-Dichlorobenzidine		91-94-1	mg/kg		N	U					N	U		N	U
3-Nitroaniline		99-09-2	mg/kg		N	U					N	U		N	U
4,6-Dinitro-2-Methylphenol		534-52-1	mg/kg		N	U					N	U		N	U
4-Bromophenyl Phenyl Ether		101-55-3	mg/kg		N	U					N	U		N	U
4-Chloro-3-Methylphenol		59-50-7	mg/kg		N	U					N	U		N	U
4-Chloroaniline		106-47-8	mg/kg		N	U					N	U		N	U
4-Chlorophenyl Phenyl Ether		7005-72-3	mg/kg		N	U					N	U		N	U
4-Nitroaniline		100-01-6	mg/kg		N	U					N	U		N	U
4-Nitrophenol		100-02-7	mg/kg		N	U					N	U		N	U
Acenaphthylene		208-96-8	mg/kg		N	U					N	U		N	U
Acetone		67-64-1	mg/kg		N	U				0.036	Y	J		N	U
Acetophenone		98-86-2	mg/kg		N	U					N	U		N	U
Antimony		7440-36-0	mg/kg		N	U					N	U		N	U
Atrazine		1912-24-9	mg/kg		N	U					N	U		N	U
Benzaldehyde		100-52-7	mg/kg	0.21	Y	J					N	U	0.14	Y	J
Benzene		71-43-2	mg/kg		N	U					N	U		N	U
Beryllium		7440-41-7	mg/kg	0.25	Y	J				0.18	Y	J		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)		92-52-4	mg/kg		N	U					N	U		N	U
Bis(2-Chloroethoxy) Methane		111-91-1	mg/kg		N	U					N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	mg/kg		N	U					N	U		N	U
Bis(2-Chloroisopropyl) Ether		108-60-1	mg/kg		N	U					N	U		N	U
Bromochloromethane		74-97-5	mg/kg		N	U					N	U		N	U
Bromodichloromethane		75-27-4	mg/kg		N	U					N	U		N	U
Bromoform		75-25-2	mg/kg		N	U					N	U		N	U
Bromomethane		74-83-9	mg/kg		N	U					N	U		N	U
Caprolactam		105-60-2	mg/kg		N	U					N	U		N	U
Carbazole		86-74-8	mg/kg	1.1	Y						N	U	0.46	Y	J

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-03A			SED-04A			SED-05			SED-06		
SYS_SAMPLE_CODE				SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072298			43.072081			43.072605			43.0728		
LONGITUDE				-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
1,1,1-Trichloroethane (TCA)		71-55-6	mg/kg		N	U		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane		79-34-5	mg/kg		N	U		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1	mg/kg		N	U		N	U		N	U		N	U
1,1,2-Trichloroethane		79-00-5	mg/kg		N	U		N	U		N	U		N	U
1,1-Dichloroethane		75-34-3	mg/kg		N	U		N	U		N	U		N	U
1,1-Dichloroethene		75-35-4	mg/kg		N	U		N	U		N	U		N	U
1,2,3-Trichlorobenzene		87-61-6	mg/kg		N	U		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene		95-94-3	mg/kg		N	U		N	U		N	U		N	U
1,2,4-Trichlorobenzene		120-82-1	mg/kg		N	U		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane		96-12-8	mg/kg		N	U		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)		106-93-4	mg/kg		N	U		N	U		N	U		N	U
1,2-Dichlorobenzene		95-50-1	mg/kg		N	U		N	U		N	U		N	U
1,2-Dichloroethane		107-06-2	mg/kg		N	U		N	U		N	U		N	U
1,2-Dichloropropane		78-87-5	mg/kg		N	U		N	U		N	U		N	U
1,3-Dichlorobenzene		541-73-1	mg/kg		N	U		N	U		N	U		N	U
1,4-Dichlorobenzene		106-46-7	mg/kg		N	U		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)		123-91-1	mg/kg		N	U		N	U		N	U		N	U
2,4,5-Trichlorophenol		95-95-4	mg/kg		N	U		N	U		N	U		N	U
2,4,6-Trichlorophenol		88-06-2	mg/kg		N	U		N	U		N	U		N	U
2,4-Dichlorophenol		120-83-2	mg/kg		N	U		N	U		N	U		N	U
2,4-Dimethylphenol		105-67-9	mg/kg		N	U		N	U		N	U		N	U
2,4-Dinitrophenol		51-28-5	mg/kg		N	U		N	U		N	U		N	U
2,4-Dinitrotoluene		121-14-2	mg/kg		N	U		N	U		N	U		N	U
2,6-Dinitrotoluene		606-20-2	mg/kg		N	U		N	U		N	U		N	U
2-Chloronaphthalene		91-58-7	mg/kg		N	U		N	U		N	U		N	U
2-Chlorophenol		95-57-8	mg/kg		N	U		N	U		N	U		N	U
2-Hexanone		591-78-6	mg/kg		N	U		N	U		N	U		N	U
2-Methylnaphthalene		91-57-6	mg/kg		N	U		N	U		N	U		N	U
2-Methylphenol (O-Cresol)		95-48-7	mg/kg		N	U		N	U		N	U		N	U
2-Nitroaniline		88-74-4	mg/kg		N	U		N	U		N	U		N	U
2-Nitrophenol		88-75-5	mg/kg		N	U		N	U		N	U		N	U
3- And 4- Methylphenol (Total)		MEPH3MEPH4	mg/kg		N	U		N	U		N	U		N	U
3,3'-Dichlorobenzidine		91-94-1	mg/kg		N	U		N	U		N	U		N	U
3-Nitroaniline		99-09-2	mg/kg		N	U		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol		534-52-1	mg/kg		N	U		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether		101-55-3	mg/kg		N	U		N	U		N	U		N	U
4-Chloro-3-Methylphenol		59-50-7	mg/kg		N	U		N	U		N	U		N	U
4-Chloroaniline		106-47-8	mg/kg		N	U		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether		7005-72-3	mg/kg		N	U		N	U		N	U		N	U
4-Nitroaniline		100-01-6	mg/kg		N	U		N	U		N	U		N	U
4-Nitrophenol		100-02-7	mg/kg		N	U		N	U		N	U		N	U
Acenaphthylene		208-96-8	mg/kg		N	U		N	U		N	U		N	U
Acetone		67-64-1	mg/kg	0.15	Y	J		N	U	0.086	Y	J	0.049	Y	J
Acetophenone		98-86-2	mg/kg		N	U		N	U		N	U		N	U
Antimony		7440-36-0	mg/kg		N	U		N	U		N	U		N	U
Atrazine		1912-24-9	mg/kg		N	U		N	U		N	U		N	U
Benzaldehyde		100-52-7	mg/kg	0.4	Y	J		N	U	0.52	Y	J		N	U
Benzene		71-43-2	mg/kg		N	U		N	U		N	U		N	U
Beryllium		7440-41-7	mg/kg	0.41	Y	J		N	U	0.34	Y	J	0.35	Y	J
Biphenyl (Diphenyl or 1,1'-Biphenyl)		92-52-4	mg/kg		N	U		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane		111-91-1	mg/kg		N	U		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	mg/kg		N	U		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether		108-60-1	mg/kg		N	U		N	U		N	U		N	U
Bromochloromethane		74-97-5	mg/kg		N	U		N	U		N	U		N	U
Bromodichloromethane		75-27-4	mg/kg		N	U		N	U		N	U		N	U
Bromoform		75-25-2	mg/kg		N	U		N	U		N	U		N	U
Bromomethane		74-83-9	mg/kg		N	U		N	U		N	U		N	U
Caprolactam		105-60-2	mg/kg		N	U		N	U		N	U		N	U
Carbazole		86-74-8	mg/kg		N	U		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-07			SED-08			SED-09		
SYS_SAMPLE_CODE				SED-07-20230425			SED-08-20230425			SED-09-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072289			43.072328			43.071816		
LONGITUDE				-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
1,1,1-Trichloroethane (TCA)		71-55-6	mg/kg		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane		79-34-5	mg/kg		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1	mg/kg		N	U		N	U		N	U
1,1,2-Trichloroethane		79-00-5	mg/kg		N	U		N	U		N	U
1,1-Dichloroethane		75-34-3	mg/kg		N	U		N	U		N	U
1,1-Dichloroethene		75-35-4	mg/kg		N	U		N	U		N	U
1,2,3-Trichlorobenzene		87-61-6	mg/kg		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene		95-94-3	mg/kg		N	U		N	U		N	U
1,2,4-Trichlorobenzene		120-82-1	mg/kg		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane		96-12-8	mg/kg		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)		106-93-4	mg/kg		N	U		N	U		N	U
1,2-Dichlorobenzene		95-50-1	mg/kg		N	U		N	U		N	U
1,2-Dichloroethane		107-06-2	mg/kg		N	U		N	U		N	U
1,2-Dichloropropane		78-87-5	mg/kg		N	U		N	U		N	U
1,3-Dichlorobenzene		541-73-1	mg/kg		N	U		N	U		N	U
1,4-Dichlorobenzene		106-46-7	mg/kg		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)		123-91-1	mg/kg		N	U		N	U		N	U
2,4,5-Trichlorophenol		95-95-4	mg/kg		N	U		N	U		N	U
2,4,6-Trichlorophenol		88-06-2	mg/kg		N	U		N	U		N	U
2,4-Dichlorophenol		120-83-2	mg/kg		N	U		N	U		N	U
2,4-Dimethylphenol		105-67-9	mg/kg		N	U		N	U		N	U
2,4-Dinitrophenol		51-28-5	mg/kg		N	U		N	U		N	U
2,4-Dinitrotoluene		121-14-2	mg/kg		N	U		N	U		N	U
2,6-Dinitrotoluene		606-20-2	mg/kg		N	U		N	U		N	U
2-Chloronaphthalene		91-58-7	mg/kg		N	U		N	U		N	U
2-Chlorophenol		95-57-8	mg/kg		N	U		N	U		N	U
2-Hexanone		591-78-6	mg/kg		N	U		N	U		N	U
2-Methylnaphthalene		91-57-6	mg/kg		N	U		N	U		N	U
2-Methylphenol (O-Cresol)		95-48-7	mg/kg		N	U		N	U		N	U
2-Nitroaniline		88-74-4	mg/kg		N	U		N	U		N	U
2-Nitrophenol		88-75-5	mg/kg		N	U		N	U		N	U
3- And 4- Methylphenol (Total)		MEPH3MEPH4	mg/kg		N	U		N	U		N	U
3,3'-Dichlorobenzidine		91-94-1	mg/kg		N	U		N	U		N	U
3-Nitroaniline		99-09-2	mg/kg		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol		534-52-1	mg/kg		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether		101-55-3	mg/kg		N	U		N	U		N	U
4-Chloro-3-Methylphenol		59-50-7	mg/kg		N	U		N	U		N	U
4-Chloroaniline		106-47-8	mg/kg		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether		7005-72-3	mg/kg		N	U		N	U		N	U
4-Nitroaniline		100-01-6	mg/kg		N	U		N	U		N	U
4-Nitrophenol		100-02-7	mg/kg		N	U		N	U		N	U
Acenaphthylene		208-96-8	mg/kg		N	U		N	U		N	U
Acetone		67-64-1	mg/kg	0.23	Y	J	0.11	Y	J	4.9	Y	J
Acetophenone		98-86-2	mg/kg		N	U		N	U		N	U
Antimony		7440-36-0	mg/kg		N	U		N	U		N	U
Atrazine		1912-24-9	mg/kg		N	U		N	U		N	U
Benzaldehyde		100-52-7	mg/kg	0.38	Y	J	0.43	Y	J		N	U
Benzene		71-43-2	mg/kg		N	U		N	U		N	U
Beryllium		7440-41-7	mg/kg		N	U	0.49	Y			N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)		92-52-4	mg/kg		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane		111-91-1	mg/kg		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	mg/kg		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether		108-60-1	mg/kg		N	U		N	U		N	U
Bromochloromethane		74-97-5	mg/kg		N	U		N	U		N	U
Bromodichloromethane		75-27-4	mg/kg		N	U		N	U		N	U
Bromoform		75-25-2	mg/kg		N	U		N	U		N	U
Bromomethane		74-83-9	mg/kg		N	U		N	U	1.5	Y	J
Caprolactam		105-60-2	mg/kg		N	U		N	U	0.44	Y	J
Carbazole		86-74-8	mg/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-10			SED-11			SED-13		
SYS_SAMPLE_CODE				SED-10-20230425			SED-11-20230425			SED-13-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072057			43.071642			43.07318		
LONGITUDE				-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
1,1,1-Trichloroethane (TCA)		71-55-6	mg/kg		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane		79-34-5	mg/kg		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane		76-13-1	mg/kg		N	U		N	U		N	U
1,1,2-Trichloroethane		79-00-5	mg/kg		N	U		N	U		N	U
1,1-Dichloroethane		75-34-3	mg/kg		N	U		N	U		N	U
1,1-Dichloroethene		75-35-4	mg/kg		N	U		N	U		N	U
1,2,3-Trichlorobenzene		87-61-6	mg/kg		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene		95-94-3	mg/kg		N	U		N	U		N	U
1,2,4-Trichlorobenzene		120-82-1	mg/kg		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane		96-12-8	mg/kg		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)		106-93-4	mg/kg		N	U		N	U		N	U
1,2-Dichlorobenzene		95-50-1	mg/kg		N	U		N	U		N	U
1,2-Dichloroethane		107-06-2	mg/kg		N	U		N	U		N	U
1,2-Dichloropropane		78-87-5	mg/kg		N	U		N	U		N	U
1,3-Dichlorobenzene		541-73-1	mg/kg		N	U		N	U		N	U
1,4-Dichlorobenzene		106-46-7	mg/kg		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)		123-91-1	mg/kg		N	U		N	U		N	U
2,4,5-Trichlorophenol		95-95-4	mg/kg		N	U		N	U		N	U
2,4,6-Trichlorophenol		88-06-2	mg/kg		N	U		N	U		N	U
2,4-Dichlorophenol		120-83-2	mg/kg		N	U		N	U		N	U
2,4-Dimethylphenol		105-67-9	mg/kg		N	U		N	U		N	U
2,4-Dinitrophenol		51-28-5	mg/kg		N	U		N	U		N	U
2,4-Dinitrotoluene		121-14-2	mg/kg		N	U		N	U		N	U
2,6-Dinitrotoluene		606-20-2	mg/kg		N	U		N	U		N	U
2-Chloronaphthalene		91-58-7	mg/kg		N	U		N	U		N	U
2-Chlorophenol		95-57-8	mg/kg		N	U		N	U		N	U
2-Hexanone		591-78-6	mg/kg		N	U		N	U		N	U
2-Methylnaphthalene		91-57-6	mg/kg		N	U		N	U		N	U
2-Methylphenol (O-Cresol)		95-48-7	mg/kg		N	U		N	U		N	U
2-Nitroaniline		88-74-4	mg/kg		N	U		N	U		N	U
2-Nitrophenol		88-75-5	mg/kg		N	U		N	U		N	U
3- And 4- Methylphenol (Total)		MEPH3MEPH4	mg/kg		N	U		N	U		N	U
3,3'-Dichlorobenzidine		91-94-1	mg/kg		N	U		N	U		N	U
3-Nitroaniline		99-09-2	mg/kg		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol		534-52-1	mg/kg		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether		101-55-3	mg/kg		N	U		N	U		N	U
4-Chloro-3-Methylphenol		59-50-7	mg/kg		N	U		N	U		N	U
4-Chloroaniline		106-47-8	mg/kg		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether		7005-72-3	mg/kg		N	U		N	U		N	U
4-Nitroaniline		100-01-6	mg/kg		N	U		N	U		N	U
4-Nitrophenol		100-02-7	mg/kg		N	U		N	U		N	U
Acenaphthylene		208-96-8	mg/kg		N	U		N	U		N	U
Acetone		67-64-1	mg/kg	0.043	Y	J	0.44	Y	J	0.029	Y	J
Acetophenone		98-86-2	mg/kg		N	U		N	U		N	U
Antimony		7440-36-0	mg/kg		N	U		N	U		N	U
Atrazine		1912-24-9	mg/kg		N	U		N	U		N	U
Benzaldehyde		100-52-7	mg/kg		N	U	0.6	Y	J	0.5	Y	J
Benzene		71-43-2	mg/kg		N	U		N	U		N	U
Beryllium		7440-41-7	mg/kg	0.26	Y	J		N	U	0.18	Y	J
Biphenyl (Diphenyl or 1,1'-Biphenyl)		92-52-4	mg/kg		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane		111-91-1	mg/kg		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)		111-44-4	mg/kg		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether		108-60-1	mg/kg		N	U		N	U		N	U
Bromochloromethane		74-97-5	mg/kg		N	U		N	U		N	U
Bromodichloromethane		75-27-4	mg/kg		N	U		N	U		N	U
Bromoform		75-25-2	mg/kg		N	U		N	U		N	U
Bromomethane		74-83-9	mg/kg		N	U		N	U		N	U
Caprolactam		105-60-2	mg/kg		N	U		N	U		N	U
Carbazole		86-74-8	mg/kg		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE															
SYS_SAMPLE_CODE				DUPLICATE-2023-04-25			SED-01A-20230425DUP1			SED-05-20230425DUP1			SED-07-20230425DUP1		
SAMPLEDATE				25 Apr 2023			01 May 2023			02 May 2023			03 May 2023		
LATITUDE															
LONGITUDE															
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Carbon Disulfide		75-15-0	mg/kg												
Carbon Tetrachloride		56-23-5	mg/kg												
Chlorobenzene		108-90-7	mg/kg												
Chloroethane		75-00-3	mg/kg												
Chloroform		67-66-3	mg/kg												
Chloromethane (Methyl Chloride)		74-87-3	mg/kg												
Chromium, Total		7440-47-3	mg/kg												
Cis-1,2-Dichloroethylene		156-59-2	mg/kg												
Cis-1,3-Dichloropropene		10061-01-5	mg/kg												
Cobalt		7440-48-4	mg/kg												
Cyclohexane		110-82-7	mg/kg												
Dibromochloromethane		124-48-1	mg/kg												
Dichlorodifluoromethane		75-71-8	mg/kg												
Diethyl Phthalate		84-66-2	mg/kg												
Dimethyl Phthalate		131-11-3	mg/kg												
Di-N-Butyl Phthalate		84-74-2	mg/kg												
Di-N-Octylphthalate		117-84-0	mg/kg												
Ethylbenzene		100-41-4	mg/kg												
Hexachlorobenzene		118-74-1	mg/kg												
Hexachlorobutadiene		87-68-3	mg/kg												
Hexachlorocyclopentadiene		77-47-4	mg/kg												
Hexachloroethane		67-72-1	mg/kg												
Isophorone		78-59-1	mg/kg												
Isopropylbenzene (Cumene)		98-82-8	mg/kg												
Methyl Acetate		79-20-9	mg/kg												
Methyl Ethyl Ketone (2-Butanone)		78-93-3	mg/kg												
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	mg/kg												
Methylcyclohexane		108-87-2	mg/kg												
Methylene Chloride		75-09-2	mg/kg												
Nitrobenzene		98-95-3	mg/kg												
N-Nitrosodi-N-Propylamine		621-64-7	mg/kg												
N-Nitrosodiphenylamine		86-30-6	mg/kg												
Pentachlorophenol		87-86-5	mg/kg												
Phenol		108-95-2	mg/kg												
Selenium		7782-49-2	mg/kg												
Solids, Percent		SOLID	%	27.4	Y										
Styrene		100-42-5	mg/kg												
Tert-Butyl Methyl Ether		1634-04-4	mg/kg												
Tetrachloroethylene (PCE)		127-18-4	mg/kg												
Thallium		7440-28-0	mg/kg												
Toluene		108-88-3	mg/kg												
Total Organic Carbon		TOC	mg/kg				13000	Y		38500	Y		72500	Y	
Trans-1,2-Dichloroethene		156-60-5	mg/kg												
Trans-1,3-Dichloropropene		10061-02-6	mg/kg												
Trichloroethylene (TCE)		79-01-6	mg/kg												
Trichlorofluoromethane		75-69-4	mg/kg												
Vinyl Chloride		75-01-4	mg/kg												
Xylenes		1330-20-7	mg/kg												
pH		PH	ph units												

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE																
SYS_SAMPLE_CODE				SED-DUP-20230425			SED-DUP-20230425DUP2			SED-01A			SED-02A		
SAMPLEDATE				25 Apr 2023			01 May 2023			25 Apr 2023			25 Apr 2023		
LATITUDE										43.074508			43.072944		
LONGITUDE										-73.8624565			-73.8641113		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Carbon Disulfide		75-15-0	mg/kg		N	U					N	U		N	U
Carbon Tetrachloride		56-23-5	mg/kg		N	U					N	U		N	U
Chlorobenzene		108-90-7	mg/kg		N	U					N	U		N	U
Chloroethane		75-00-3	mg/kg		N	U					N	U		N	U
Chloroform		67-66-3	mg/kg		N	U					N	U		N	U
Chloromethane (Methyl Chloride)		74-87-3	mg/kg		N	U					N	U		N	U
Chromium, Total		7440-47-3	mg/kg	20	Y					7.9	Y		6.8	Y	
Cis-1,2-Dichloroethylene		156-59-2	mg/kg		N	U					N	U		N	U
Cis-1,3-Dichloropropene		10061-01-5	mg/kg		N	U					N	U		N	U
Cobalt		7440-48-4	mg/kg	5.1	Y	J				1.6	Y	J	1.5	Y	J
Cyclohexane		110-82-7	mg/kg		N	U					N	U		N	U
Dibromochloromethane		124-48-1	mg/kg		N	U					N	U		N	U
Dichlorodifluoromethane		75-71-8	mg/kg		N	U					N	U		N	U
Diethyl Phthalate		84-66-2	mg/kg		N	U					N	U		N	U
Dimethyl Phthalate		131-11-3	mg/kg		N	U					N	U		N	U
Di-N-Butyl Phthalate		84-74-2	mg/kg		N	U					N	U		N	U
Di-N-Octylphthalate		117-84-0	mg/kg		N	U					N	U		N	U
Ethylbenzene		100-41-4	mg/kg		N	U					N	U		N	U
Hexachlorobenzene		118-74-1	mg/kg		N	U					N	U		N	U
Hexachlorobutadiene		87-68-3	mg/kg		N	U					N	U		N	U
Hexachlorocyclopentadiene		77-47-4	mg/kg		N	U					N	U		N	U
Hexachloroethane		67-72-1	mg/kg		N	U					N	U		N	U
Isophorone		78-59-1	mg/kg		N	U					N	U		N	U
Isopropylbenzene (Cumene)		98-82-8	mg/kg		N	U					N	U		N	U
Methyl Acetate		79-20-9	mg/kg		N	U					N	U		N	U
Methyl Ethyl Ketone (2-Butanone)		78-93-3	mg/kg		N	U					N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	mg/kg		N	U					N	U		N	U
Methylcyclohexane		108-87-2	mg/kg		N	U					N	U		N	U
Methylene Chloride		75-09-2	mg/kg		N	U					N	U		N	U
Nitrobenzene		98-95-3	mg/kg		N	U					N	U		N	U
N-Nitrosodi-N-Propylamine		621-64-7	mg/kg		N	U					N	U		N	U
N-Nitrosodiphenylamine		86-30-6	mg/kg		N	U					N	U		N	U
Pentachlorophenol		87-86-5	mg/kg		N	U					N	U		N	U
Phenol		108-95-2	mg/kg		N	U					N	U		N	U
Selenium		7782-49-2	mg/kg		N	U					N	U		N	U
Solids, Percent		SOLID	%	29.1	Y					45.9	Y		12.9	Y	
Styrene		100-42-5	mg/kg		N	U					N	U		N	U
Tert-Butyl Methyl Ether		1634-04-4	mg/kg		N	U					N	U		N	U
Tetrachloroethylene (PCE)		127-18-4	mg/kg		N	U					N	U		N	U
Thallium		7440-28-0	mg/kg		N	U					N	U		N	U
Toluene		108-88-3	mg/kg		N	U					N	U		N	U
Total Organic Carbon		TOC	mg/kg	86000	Y					16000	Y		110000	Y	
Trans-1,2-Dichloroethene		156-60-5	mg/kg		N	U					N	U		N	U
Trans-1,3-Dichloropropene		10061-02-6	mg/kg		N	U					N	U		N	U
Trichloroethylene (TCE)		79-01-6	mg/kg		N	U					N	U		N	U
Trichlorofluoromethane		75-69-4	mg/kg		N	U					N	U		N	U
Vinyl Chloride		75-01-4	mg/kg		N	U					N	U		N	U
Xylenes		1330-20-7	mg/kg		N	U					N	U		N	U
pH		PH	ph units	7.1	Y		7.1	Y		8.1	Y		7.2	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-03A			SED-04A			SED-05			SED-06		
SYS_SAMPLE_CODE				SED-03A-20230425			SED-04A-20230425			SED-05-20230425			SED-06-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072298			43.072081			43.072605			43.0728		
LONGITUDE				-73.86477			-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Carbon Disulfide		75-15-0	mg/kg		N	U		N	U		N	U		N	U
Carbon Tetrachloride		56-23-5	mg/kg		N	U		N	U		N	U		N	U
Chlorobenzene		108-90-7	mg/kg		N	U		N	U		N	U		N	U
Chloroethane		75-00-3	mg/kg		N	U		N	U		N	U		N	U
Chloroform		67-66-3	mg/kg		N	U		N	U		N	U		N	U
Chloromethane (Methyl Chloride)		74-87-3	mg/kg		N	U		N	U		N	U		N	U
Chromium, Total		7440-47-3	mg/kg	21	Y		4	Y		17	Y		9.6	Y	
Cis-1,2-Dichloroethylene		156-59-2	mg/kg		N	U		N	U		N	U		N	U
Cis-1,3-Dichloropropene		10061-01-5	mg/kg		N	U		N	U		N	U		N	U
Cobalt		7440-48-4	mg/kg	3.7	Y	J	1.9	Y	J	3.6	Y	J	4	Y	
Cyclohexane		110-82-7	mg/kg		N	U		N	U		N	U		N	U
Dibromochloromethane		124-48-1	mg/kg		N	U		N	U		N	U		N	U
Dichlorodifluoromethane		75-71-8	mg/kg		N	U		N	U		N	U		N	U
Diethyl Phthalate		84-66-2	mg/kg		N	U		N	U		N	U		N	U
Dimethyl Phthalate		131-11-3	mg/kg		N	U		N	U		N	U		N	U
Di-N-Butyl Phthalate		84-74-2	mg/kg		N	U		N	U		N	U		N	U
Di-N-Octylphthalate		117-84-0	mg/kg		N	U		N	U		N	U		N	U
Ethylbenzene		100-41-4	mg/kg		N	U		N	U		N	U		N	U
Hexachlorobenzene		118-74-1	mg/kg		N	U		N	U		N	U		N	U
Hexachlorobutadiene		87-68-3	mg/kg		N	U		N	U		N	U		N	U
Hexachlorocyclopentadiene		77-47-4	mg/kg		N	U		N	U		N	U		N	U
Hexachloroethane		67-72-1	mg/kg		N	U		N	U		N	U		N	U
Isophorone		78-59-1	mg/kg		N	U		N	U		N	U		N	U
Isopropylbenzene (Cumene)		98-82-8	mg/kg		N	U		N	U		N	U		N	U
Methyl Acetate		79-20-9	mg/kg		N	U		N	U		N	U		N	U
Methyl Ethyl Ketone (2-Butanone)		78-93-3	mg/kg		N	U		N	U		N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	mg/kg		N	U		N	U		N	U		N	U
Methylcyclohexane		108-87-2	mg/kg		N	U		N	U		N	U		N	U
Methylene Chloride		75-09-2	mg/kg		N	U		N	U		N	U		N	U
Nitrobenzene		98-95-3	mg/kg		N	U		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine		621-64-7	mg/kg		N	U		N	U		N	U		N	U
N-Nitrosodiphenylamine		86-30-6	mg/kg		N	U		N	U		N	U		N	U
Pentachlorophenol		87-86-5	mg/kg		N	U		N	U		N	U		N	U
Phenol		108-95-2	mg/kg		N	U		N	U		N	U		N	U
Selenium		7782-49-2	mg/kg		N	U		N	U		N	U		N	U
Solids, Percent		SOLID	%	29.9	Y		18.1	Y		31	Y		17.2	Y	
Styrene		100-42-5	mg/kg		N	U		N	U		N	U		N	U
Tert-Butyl Methyl Ether		1634-04-4	mg/kg		N	U		N	U		N	U		N	U
Tetrachloroethylene (PCE)		127-18-4	mg/kg		N	U		N	U		N	U		N	U
Thallium		7440-28-0	mg/kg		N	U		N	U		N	U		N	U
Toluene		108-88-3	mg/kg		N	U		N	U		N	U		N	U
Total Organic Carbon		TOC	mg/kg	130000	Y		150000	Y		45000	Y		31000	Y	
Trans-1,2-Dichloroethene		156-60-5	mg/kg		N	U		N	U		N	U		N	U
Trans-1,3-Dichloropropene		10061-02-6	mg/kg		N	U		N	U		N	U		N	U
Trichloroethylene (TCE)		79-01-6	mg/kg		N	U		N	U		N	U		N	U
Trichlorofluoromethane		75-69-4	mg/kg		N	U		N	U		N	U		N	U
Vinyl Chloride		75-01-4	mg/kg		N	U		N	U		N	U		N	U
Xylenes		1330-20-7	mg/kg		N	U		N	U		N	U		N	U
pH		PH	ph units	7.3	Y		7.4	Y		7.7	Y		7	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

SYS_LOC_CODE				SED-07			SED-08			SED-09		
SYS_SAMPLE_CODE				SED-07-20230425			SED-08-20230425			SED-09-20230425		
SAMPLEDATE				25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE				43.072289			43.072328			43.071816		
LONGITUDE				-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Carbon Disulfide		75-15-0	mg/kg		N	U		N	U		N	U
Carbon Tetrachloride		56-23-5	mg/kg		N	U		N	U		N	U
Chlorobenzene		108-90-7	mg/kg		N	U		N	U		N	U
Chloroethane		75-00-3	mg/kg		N	U		N	U		N	U
Chloroform		67-66-3	mg/kg		N	U		N	U		N	U
Chloromethane (Methyl Chloride)		74-87-3	mg/kg		N	U		N	U	0.6	Y	J
Chromium, Total		7440-47-3	mg/kg	5.4	Y		8.8	Y		4.1	Y	J
Cis-1,2-Dichloroethylene		156-59-2	mg/kg		N	U		N	U		N	U
Cis-1,3-Dichloropropene		10061-01-5	mg/kg		N	U		N	U		N	U
Cobalt		7440-48-4	mg/kg		N	U	18	Y		4.5	Y	J
Cyclohexane		110-82-7	mg/kg		N	U		N	U		N	U
Dibromochloromethane		124-48-1	mg/kg		N	U		N	U		N	U
Dichlorodifluoromethane		75-71-8	mg/kg		N	U		N	U		N	U
Diethyl Phthalate		84-66-2	mg/kg		N	U		N	U		N	U
Dimethyl Phthalate		131-11-3	mg/kg		N	U		N	U		N	U
Di-N-Butyl Phthalate		84-74-2	mg/kg		N	U		N	U		N	U
Di-N-Octylphthalate		117-84-0	mg/kg		N	U		N	U		N	U
Ethylbenzene		100-41-4	mg/kg		N	U		N	U		N	U
Hexachlorobenzene		118-74-1	mg/kg		N	U		N	U		N	U
Hexachlorobutadiene		87-68-3	mg/kg		N	U		N	U		N	U
Hexachlorocyclopentadiene		77-47-4	mg/kg		N	U		N	U		N	U
Hexachloroethane		67-72-1	mg/kg		N	U		N	U		N	U
Isophorone		78-59-1	mg/kg		N	U		N	U		N	U
Isopropylbenzene (Cumene)		98-82-8	mg/kg		N	U		N	U		N	U
Methyl Acetate		79-20-9	mg/kg		N	U		N	U	2.2	Y	J
Methyl Ethyl Ketone (2-Butanone)		78-93-3	mg/kg		N	U		N	U	3.3	Y	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	mg/kg		N	U		N	U		N	U
Methylcyclohexane		108-87-2	mg/kg		N	U		N	U		N	U
Methylene Chloride		75-09-2	mg/kg		N	U		N	U		N	U
Nitrobenzene		98-95-3	mg/kg		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine		621-64-7	mg/kg		N	U		N	U		N	U
N-Nitrosodiphenylamine		86-30-6	mg/kg		N	U		N	U		N	U
Pentachlorophenol		87-86-5	mg/kg		N	U		N	U		N	U
Phenol		108-95-2	mg/kg		N	U		N	U		N	U
Selenium		7782-49-2	mg/kg		N	U		N	U		N	U
Solids, Percent		SOLID	%	20.6	Y		37.8	Y		15.4	Y	
Styrene		100-42-5	mg/kg		N	U		N	U		N	U
Tert-Butyl Methyl Ether		1634-04-4	mg/kg		N	U		N	U		N	U
Tetrachloroethylene (PCE)		127-18-4	mg/kg		N	U		N	U		N	U
Thallium		7440-28-0	mg/kg		N	U		N	U		N	U
Toluene		108-88-3	mg/kg		N	U		N	U		N	U
Total Organic Carbon		TOC	mg/kg	79000	Y		40000	Y		96000	Y	
Trans-1,2-Dichloroethene		156-60-5	mg/kg		N	U		N	U		N	U
Trans-1,3-Dichloropropene		10061-02-6	mg/kg		N	U		N	U		N	U
Trichloroethylene (TCE)		79-01-6	mg/kg		N	U		N	U		N	U
Trichlorofluoromethane		75-69-4	mg/kg		N	U		N	U		N	U
Vinyl Chloride		75-01-4	mg/kg		N	U		N	U		N	U
Xylenes		1330-20-7	mg/kg		N	U		N	U		N	U
pH		PH	ph units	7.2	Y		7.4	Y		6.4	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 1
Sediment Data All Compounds

			SYS_LOC_CODE	SED-10			SED-11			SED-13		
			SYS_SAMPLE_CODE	SED-10-20230425			SED-11-20230425			SED-13-20230425		
			SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072057			43.071642			43.07318		
			LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	Chemical Class	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUM	DETECT_FLAG	LAB_QUALIFIERS
Carbon Disulfide		75-15-0	mg/kg		N	U		N	U		N	U
Carbon Tetrachloride		56-23-5	mg/kg		N	U		N	U		N	U
Chlorobenzene		108-90-7	mg/kg		N	U		N	U		N	U
Chloroethane		75-00-3	mg/kg		N	U		N	U		N	U
Chloroform		67-66-3	mg/kg		N	U		N	U		N	U
Chloromethane (Methyl Chloride)		74-87-3	mg/kg		N	U		N	U		N	U
Chromium, Total		7440-47-3	mg/kg	7	Y			N	U	7.4	Y	
Cis-1,2-Dichloroethylene		156-59-2	mg/kg		N	U		N	U		N	U
Cis-1,3-Dichloropropene		10061-01-5	mg/kg		N	U		N	U		N	U
Cobalt		7440-48-4	mg/kg	1.8	Y	J		N	U	3.3	Y	J
Cyclohexane		110-82-7	mg/kg		N	U		N	U		N	U
Dibromochloromethane		124-48-1	mg/kg		N	U		N	U		N	U
Dichlorodifluoromethane		75-71-8	mg/kg		N	U		N	U		N	U
Diethyl Phthalate		84-66-2	mg/kg		N	U		N	U		N	U
Dimethyl Phthalate		131-11-3	mg/kg		N	U		N	U		N	U
Di-N-Butyl Phthalate		84-74-2	mg/kg		N	U		N	U		N	U
Di-N-Octylphthalate		117-84-0	mg/kg		N	U		N	U		N	U
Ethylbenzene		100-41-4	mg/kg		N	U		N	U		N	U
Hexachlorobenzene		118-74-1	mg/kg		N	U		N	U		N	U
Hexachlorobutadiene		87-68-3	mg/kg		N	U		N	U		N	U
Hexachlorocyclopentadiene		77-47-4	mg/kg		N	U		N	U		N	U
Hexachloroethane		67-72-1	mg/kg		N	U		N	U		N	U
Isophorone		78-59-1	mg/kg		N	U		N	U		N	U
Isopropylbenzene (Cumene)		98-82-8	mg/kg		N	U		N	U		N	U
Methyl Acetate		79-20-9	mg/kg		N	U		N	U		N	U
Methyl Ethyl Ketone (2-Butanone)		78-93-3	mg/kg		N	U		N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		108-10-1	mg/kg		N	U		N	U		N	U
Methylcyclohexane		108-87-2	mg/kg		N	U		N	U		N	U
Methylene Chloride		75-09-2	mg/kg		N	U		N	U		N	U
Nitrobenzene		98-95-3	mg/kg		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine		621-64-7	mg/kg		N	U		N	U		N	U
N-Nitrosodiphenylamine		86-30-6	mg/kg		N	U		N	U		N	U
Pentachlorophenol		87-86-5	mg/kg		N	U		N	U		N	U
Phenol		108-95-2	mg/kg		N	U		N	U		N	U
Selenium		7782-49-2	mg/kg		N	U		N	U		N	U
Solids, Percent		SOLID	%	9.41	Y		11.8	Y		53.2	Y	
Styrene		100-42-5	mg/kg		N	U		N	U		N	U
Tert-Butyl Methyl Ether		1634-04-4	mg/kg		N	U		N	U		N	U
Tetrachloroethylene (PCE)		127-18-4	mg/kg		N	U		N	U		N	U
Thallium		7440-28-0	mg/kg		N	U		N	U		N	U
Toluene		108-88-3	mg/kg		N	U		N	U		N	U
Total Organic Carbon		TOC	mg/kg	52000	Y		120000	Y		35000	Y	
Trans-1,2-Dichloroethene		156-60-5	mg/kg		N	U		N	U		N	U
Trans-1,3-Dichloropropene		10061-02-6	mg/kg		N	U		N	U		N	U
Trichloroethylene (TCE)		79-01-6	mg/kg		N	U		N	U		N	U
Trichlorofluoromethane		75-69-4	mg/kg		N	U		N	U		N	U
Vinyl Chloride		75-01-4	mg/kg		N	U		N	U		N	U
Xylenes		1330-20-7	mg/kg		N	U		N	U		N	U
pH		PH	ph units	7.4	Y		7.2	Y		7.4	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE							SW-01A		
		SYS_SAMPLE_CODE	SW-03A-20230425DUP1			SW-DUP-20230425			SW-01A-20230425		
		SAMPLEDATE	27 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE							43.074508		
		LONGITUDE							-73.8624565		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Aluminum	7429-90-5	mg/l				0.25	Y		0.43	Y	
Arsenic	7440-38-2	mg/l					N	U		N	U
Barium	7440-39-3	mg/l				0.24	Y		0.016	Y	J
Cadmium	7440-43-9	mg/l					N	U		N	U
Calcium	7440-70-2	mg/l				200	Y		26	Y	
Chromium, Total	7440-47-3	mg/l					N	U		N	U
Cobalt	7440-48-4	mg/l					N	U		N	U
Copper	7440-50-8	mg/l				0.023	Y		0.0039	Y	J
Iron	7439-89-6	mg/l				64	Y		0.31	Y	
Lead	7439-92-1	mg/l				0.12	Y			N	U
Magnesium	7439-95-4	mg/l				20	Y		5.7	Y	
Manganese	7439-96-5	mg/l				1.4	Y		0.18	Y	
Mercury	7439-97-6	mg/l		N	U	0.00016	Y	J		N	U
Nickel	7440-02-0	mg/l					N	U		N	U
Potassium	7440-09-7	mg/l				6.3	Y		0.58	Y	J
Sodium	7440-23-5	mg/l				78	Y		100	Y	
Vanadium	7440-62-2	mg/l					N	U		N	U
Zinc	7440-66-6	mg/l				0.34	Y		0.027	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-02A			SW-02A			SW-03A		
		SYS_SAMPLE_CODE	DUPLICATE-04-23-25			SW-02A-20230425			SW-03A-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072944			43.072944			43.072298		
		LONGITUDE	-73.8641113			-73.8641113			-73.86477		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Aluminum	7429-90-5	mg/l				2.6	Y		0.33	Y	
Arsenic	7440-38-2	mg/l					N	U		N	U
Barium	7440-39-3	mg/l				0.44	Y		0.035	Y	J
Cadmium	7440-43-9	mg/l				0.011	Y			N	U
Calcium	7440-70-2	mg/l				230	Y		94	Y	
Chromium, Total	7440-47-3	mg/l				0.0091	Y	J		N	U
Cobalt	7440-48-4	mg/l				0.0031	Y	J		N	U
Copper	7440-50-8	mg/l				0.41	Y			N	U
Iron	7439-89-6	mg/l				130	Y		1.1	Y	
Lead	7439-92-1	mg/l				2.5	Y		0.015	Y	
Magnesium	7439-95-4	mg/l				21	Y		15	Y	
Manganese	7439-96-5	mg/l				2.1	Y		0.1	Y	
Mercury	7439-97-6	mg/l				0.0031	Y			N	U
Nickel	7440-02-0	mg/l				0.02	Y			N	U
Potassium	7440-09-7	mg/l				6.4	Y		1.6	Y	J
Sodium	7440-23-5	mg/l				80	Y		47	Y	
Vanadium	7440-62-2	mg/l				0.015	Y			N	U
Zinc	7440-66-6	mg/l				3.5	Y		0.017	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-04A			SW-05			SW-06		
		SYS_SAMPLE_CODE	SW-04A-20230425			SW-05-20230425			SW-06-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072081			43.072605			43.0728		
		LONGITUDE	-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Aluminum	7429-90-5	mg/l	2.1	Y		3.4	Y		0.43	Y	
Arsenic	7440-38-2	mg/l		N	U		N	U	0.0047	Y	J
Barium	7440-39-3	mg/l	0.54	Y		0.078	Y		2.3	Y	
Cadmium	7440-43-9	mg/l		N	U		N	U	0.0018	Y	J
Calcium	7440-70-2	mg/l	510	Y		130	Y		450	Y	
Chromium, Total	7440-47-3	mg/l		N	U		N	U		N	U
Cobalt	7440-48-4	mg/l		N	U		N	U	0.021	Y	
Copper	7440-50-8	mg/l		N	U	0.0087	Y	J	0.021	Y	
Iron	7439-89-6	mg/l	46	Y		2.4	Y		350	Y	
Lead	7439-92-1	mg/l	0.015	Y		0.084	Y			N	U
Magnesium	7439-95-4	mg/l	22	Y		20	Y		25	Y	
Manganese	7439-96-5	mg/l	6.5	Y		0.28	Y		35	Y	
Mercury	7439-97-6	mg/l		N	U		N	U		N	U
Nickel	7440-02-0	mg/l		N	U		N	U	0.022	Y	
Potassium	7440-09-7	mg/l	7.2	Y		2.7	Y		8.1	Y	
Sodium	7440-23-5	mg/l	79	Y		100	Y		72	Y	
Vanadium	7440-62-2	mg/l	0.022	Y		0.013	Y		0.005	Y	J
Zinc	7440-66-6	mg/l	0.19	Y		0.23	Y		1.2	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-07			SW-08			SW-09		
		SYS_SAMPLE_CODE	SW-07-20230425			SW-08-20230425			SW-09-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072289			43.072328			43.071816		
		LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Aluminum	7429-90-5	mg/l	8.1	Y		0.5	Y		0.15	Y	
Arsenic	7440-38-2	mg/l		N	U		N	U		N	U
Barium	7440-39-3	mg/l	0.29	Y		0.21	Y		0.12	Y	
Cadmium	7440-43-9	mg/l	0.0025	Y	J		N	U		N	U
Calcium	7440-70-2	mg/l	130	Y		120	Y		37	Y	
Chromium, Total	7440-47-3	mg/l		N	U		N	U		N	U
Cobalt	7440-48-4	mg/l		N	U	0.0041	Y	J		N	U
Copper	7440-50-8	mg/l	0.014	Y		0.0052	Y	J	0.0085	Y	J
Iron	7439-89-6	mg/l	28	Y		19	Y		42	Y	
Lead	7439-92-1	mg/l	0.049	Y			N	U		N	U
Magnesium	7439-95-4	mg/l	16	Y		22	Y		7.1	Y	
Manganese	7439-96-5	mg/l	4.2	Y		4.2	Y		1.4	Y	
Mercury	7439-97-6	mg/l	0.00015	Y	J		N	U		N	U
Nickel	7440-02-0	mg/l		N	U		N	U		N	U
Potassium	7440-09-7	mg/l	3.7	Y		2.8	Y		1.3	Y	J
Sodium	7440-23-5	mg/l	86	Y		100	Y		45	Y	
Vanadium	7440-62-2	mg/l	0.036	Y			N	U		N	U
Zinc	7440-66-6	mg/l	0.26	Y		0.045	Y		0.026	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-10			SW-11			SW-13		
		SYS_SAMPLE_CODE	SW-10-20230425			SW-11-20230425			SW-13-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072057			43.071642			43.07318		
		LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Aluminum	7429-90-5	mg/l	0.49	Y		0.062	Y		2.6	Y	
Arsenic	7440-38-2	mg/l		N	U		N	U		N	U
Barium	7440-39-3	mg/l	0.095	Y		0.06	Y		0.53	Y	
Cadmium	7440-43-9	mg/l		N	U		N	U		N	U
Calcium	7440-70-2	mg/l	120	Y		110	Y		280	Y	
Chromium, Total	7440-47-3	mg/l		N	U		N	U		N	U
Cobalt	7440-48-4	mg/l		N	U		N	U	0.0032	Y	J
Copper	7440-50-8	mg/l		N	U		N	U	0.004	Y	J
Iron	7439-89-6	mg/l	1.8	Y			N	U	11	Y	
Lead	7439-92-1	mg/l		N	U		N	U	0.012	Y	
Magnesium	7439-95-4	mg/l	20	Y		19	Y		41	Y	
Manganese	7439-96-5	mg/l	2.2	Y		0.25	Y		6.4	Y	
Mercury	7439-97-6	mg/l		N	U		N	U		N	U
Nickel	7440-02-0	mg/l		N	U		N	U		N	U
Potassium	7440-09-7	mg/l	0.87	Y	J	3.9	Y		12	Y	
Sodium	7440-23-5	mg/l	65	Y		73	Y		93	Y	
Vanadium	7440-62-2	mg/l		N	U		N	U	0.008	Y	J
Zinc	7440-66-6	mg/l	0.032	Y		0.021	Y		0.13	Y	

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE							SW-01A		
		SYS_SAMPLE_CODE	SW-03A-20230425DUP1			SW-DUP-20230425			SW-01A-20230425		
		SAMPLEDATE	27 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE							43.074508		
		LONGITUDE							-73.8624565		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l								N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l								N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l								N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l								N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l								N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l								N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l								N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l								N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l								N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l								N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l								N	U
Perfluorobutanoic Acid	375-22-4	ng/l								N	U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l								N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l								N	U
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l								N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l								N	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l								N	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l								N	U
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l								N	U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l								N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l								N	U
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l								N	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l								N	U
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l								N	U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l								N	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l							0.72	Y	J
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l								N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l								N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l								N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l								N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l								N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l								N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l								N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l								N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-02A			SW-02A			SW-03A		
		SYS_SAMPLE_CODE	DUPLICATE-04-23-25			SW-02A-20230425			SW-03A-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072944			43.072944			43.072298		
		LONGITUDE	-73.8641113			-73.8641113			-73.86477		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l		N	U	4.9	Y	J		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l		N	U		N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l	5.2	Y	J	5.2	Y	J	2.1	Y	
Perfluorobutanoic Acid	375-22-4	ng/l	27	Y		26	Y		13	Y	
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l	10	Y	J	11	Y			N	U
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l		N	U		N	U		N	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l	23	Y		22	Y		7.2	Y	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l	37	Y		37	Y		4.3	Y	
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l	19	Y		20	Y		8.5	Y	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l	14	Y		17	Y			N	U
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l		N	U		N	U		N	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l	240	Y		240	Y		2	Y	
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l	69	Y		72	Y		8.8	Y	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l		N	U		N	U		N	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l	21	Y		21	Y		16	Y	
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l		N	U		N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l		N	U		N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-04A			SW-05			SW-06		
		SYS_SAMPLE_CODE	SW-04A-20230425			SW-05-20230425			SW-06-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072081			43.072605			43.0728		
		LONGITUDE	-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l		N	U		N	U	3.6	Y	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l		N	U		N	U	2.6	Y	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l		N	U		N	U	1.1	Y	J
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l	4.5	Y			N	U	7.1	Y	
Perfluorobutanoic Acid	375-22-4	ng/l	15	Y		11	Y		15	Y	
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l	3.9	Y	J		N	U	14	Y	
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l	3.5	Y	J		N	U	4.6	Y	
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l	16	Y		5	Y		23	Y	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l	27	Y		4.2	Y		30	Y	
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l	15	Y		6.1	Y		21	Y	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l	19	Y			N	U	22	Y	
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l		N	U		N	U	1.7	Y	J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l	170	Y		11	Y		210	Y	D
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l	59	Y		5.9	Y		82	Y	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l	2	Y	J		N	U	2.2	Y	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l	17	Y		8.8	Y		41	Y	
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l		N	U		N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l		N	U		N	U	2.3	Y	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

SYS_LOC_CODE			SW-07			SW-08			SW-09		
SYS_SAMPLE_CODE			SW-07-20230425			SW-08-20230425			SW-09-20230425		
SAMPLEDATE			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE			43.072289			43.072328			43.071816		
LONGITUDE			-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l		N	U		N	U		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l		N	U		N	U		N	U
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l		N	U		N	U		N	U
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l	0.73	Y	J	1.8	Y			N	U
Perfluorobutanoic Acid	375-22-4	ng/l	3.3	Y		6	Y		1.2	Y	J
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l		N	U		N	U		N	U
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l		N	U	1.7	Y	J		N	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l	1.1	Y	J	8.7	Y			N	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l	1.1	Y	J	10	Y			N	U
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l		N	U	7.7	Y			N	U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l		N	U	4.7	Y			N	U
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l		N	U		N	U		N	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l	2.8	Y		47	Y		0.82	Y	J
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l	2.3	Y		33	Y			N	U
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l		N	U	1	Y	J		N	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l	0.87	Y	J	8.7	Y			N	U
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l		N	U		N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l		N	U		N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

			SW-10			SW-11			SW-13		
SYS_LOC_CODE											
SYS_SAMPLE_CODE			SW-10-20230425			SW-11-20230425			SW-13-20230425		
SAMPLEDATE			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE			43.072057			43.071642			43.07318		
LONGITUDE			-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l		N	U		N	U	4.5000000000	Y	
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l		N	U		N	U	19	Y	
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l		N	U		N	U	10	Y	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l		N	U	1	Y	J	3.7	Y	J
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l		N	U		N	U	2.3	Y	J
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l	1.9	Y	J	3.5	Y		31	Y	
Perfluorobutanoic Acid	375-22-4	ng/l	8.7	Y		16	Y		49	Y	
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l		N	U		N	U	11	Y	
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l	3.7	Y	J	1.9	Y	J	7.3	Y	
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l	18	Y		17	Y		77	Y	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l	18	Y		21	Y		64	Y	
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l	9.2	Y		15	Y		92	Y	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l	14	Y		5.6	Y		25	Y	
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l		N	U		N	U	5.2	Y	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l	61	Y		40	Y		240	Y	
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l	110	Y		49	Y		240	Y	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l	1.8	Y	J	2.9	Y		8.7	Y	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l	11	Y		27	Y		95	Y	
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l		N	U		N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l		N	U		N	U		N	U
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE							SW-01A		
		SYS_SAMPLE_CODE	SW-03A-20230425DUP1			SW-DUP-20230425			SW-01A-20230425		
		SAMPLEDATE	27 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE							43.074508		
		LONGITUDE							-73.8624565		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/l				1	Y	J		N	U
Di-N-Butyl Phthalate	84-74-2	ug/l					N	U		N	U
Acetone	67-64-1	ug/l				16	Y	JD		N	U
1,1,1-Trichloroethane (TCA)	71-55-6	ug/l					N	U		N	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l					N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l					N	U		N	U
1,1,2-Trichloroethane	79-00-5	ug/l					N	U		N	U
1,1-Dichloroethane	75-34-3	ug/l					N	U		N	U
1,1-Dichloroethene	75-35-4	ug/l					N	U		N	U
1,2,3-Trichlorobenzene	87-61-6	ug/l					N	U		N	U
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l					N	U		N	U
1,2,4-Trichlorobenzene	120-82-1	ug/l					N	U		N	U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l					N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l					N	U		N	U
1,2-Dichlorobenzene	95-50-1	ug/l					N	U		N	U
1,2-Dichloroethane	107-06-2	ug/l					N	U		N	U
1,2-Dichloropropane	78-87-5	ug/l					N	U		N	U
1,3-Dichlorobenzene	541-73-1	ug/l					N	U		N	U
1,4-Dichlorobenzene	106-46-7	ug/l					N	U		N	U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l					N	U		N	U
2,4,5-Trichlorophenol	95-95-4	ug/l					N	U		N	U
2,4,6-Trichlorophenol	88-06-2	ug/l					N	U		N	U
2,4-Dichlorophenol	120-83-2	ug/l					N	U		N	U
2,4-Dimethylphenol	105-67-9	ug/l					N	U		N	U
2,4-Dinitrophenol	51-28-5	ug/l					N	U		N	U
2,4-Dinitrotoluene	121-14-2	ug/l					N	U		N	U
2,6-Dinitrotoluene	606-20-2	ug/l					N	U		N	U
2-Chloronaphthalene	91-58-7	ug/l					N	U		N	U
2-Chlorophenol	95-57-8	ug/l					N	U		N	U
2-Hexanone	591-78-6	ug/l					N	U		N	U
2-Methylnaphthalene	91-57-6	ug/l					N	U		N	U
2-Methylphenol (O-Cresol)	95-48-7	ug/l					N	U		N	U
2-Nitroaniline	88-74-4	ug/l					N	U		N	U
2-Nitrophenol	88-75-5	ug/l					N	U		N	U
3- And 4- Methylphenol (Total)	MEPH3MEPH4	ug/l					N	U		N	U
3,3'-Dichlorobenzidine	91-94-1	ug/l					N	U		N	U
3-Nitroaniline	99-09-2	ug/l					N	U		N	U
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l					N	U		N	U
4-Bromophenyl Phenyl Ether	101-55-3	ug/l					N	U		N	U
4-Chloro-3-Methylphenol	59-50-7	ug/l					N	U		N	U
4-Chloroaniline	106-47-8	ug/l					N	U		N	U
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l					N	U		N	U
4-Nitroaniline	100-01-6	ug/l					N	U		N	U
4-Nitrophenol	100-02-7	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-02A			SW-02A			SW-03A		
		SYS_SAMPLE_CODE	DUPLICATE-04-23-25			SW-02A-20230425			SW-03A-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072944			43.072944			43.072298		
		LONGITUDE	-73.8641113			-73.8641113			-73.86477		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/l					N	U		N	U
Di-N-Butyl Phthalate	84-74-2	ug/l					N	U		N	U
Acetone	67-64-1	ug/l				6.3	Y	JD		N	U
1,1,1-Trichloroethane (TCA)	71-55-6	ug/l					N	U		N	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l					N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l					N	U		N	U
1,1,2-Trichloroethane	79-00-5	ug/l					N	U		N	U
1,1-Dichloroethane	75-34-3	ug/l					N	U		N	U
1,1-Dichloroethene	75-35-4	ug/l					N	U		N	U
1,2,3-Trichlorobenzene	87-61-6	ug/l					N	U		N	U
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l					N	U		N	U
1,2,4-Trichlorobenzene	120-82-1	ug/l					N	U		N	U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l					N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l					N	U		N	U
1,2-Dichlorobenzene	95-50-1	ug/l					N	U		N	U
1,2-Dichloroethane	107-06-2	ug/l					N	U		N	U
1,2-Dichloropropane	78-87-5	ug/l					N	U		N	U
1,3-Dichlorobenzene	541-73-1	ug/l					N	U		N	U
1,4-Dichlorobenzene	106-46-7	ug/l					N	U		N	U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l					N	U		N	U
2,4,5-Trichlorophenol	95-95-4	ug/l					N	U		N	U
2,4,6-Trichlorophenol	88-06-2	ug/l					N	U		N	U
2,4-Dichlorophenol	120-83-2	ug/l					N	U		N	U
2,4-Dimethylphenol	105-67-9	ug/l					N	U		N	U
2,4-Dinitrophenol	51-28-5	ug/l					N	U		N	U
2,4-Dinitrotoluene	121-14-2	ug/l					N	U		N	U
2,6-Dinitrotoluene	606-20-2	ug/l					N	U		N	U
2-Chloronaphthalene	91-58-7	ug/l					N	U		N	U
2-Chlorophenol	95-57-8	ug/l					N	U		N	U
2-Hexanone	591-78-6	ug/l					N	U		N	U
2-Methylnaphthalene	91-57-6	ug/l					N	U		N	U
2-Methylphenol (O-Cresol)	95-48-7	ug/l					N	U		N	U
2-Nitroaniline	88-74-4	ug/l					N	U		N	U
2-Nitrophenol	88-75-5	ug/l					N	U		N	U
3- And 4- Methylphenol (Total)	MEPH3MEPH4	ug/l					N	U		N	U
3,3'-Dichlorobenzidine	91-94-1	ug/l					N	U		N	U
3-Nitroaniline	99-09-2	ug/l					N	U		N	U
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l					N	U		N	U
4-Bromophenyl Phenyl Ether	101-55-3	ug/l					N	U		N	U
4-Chloro-3-Methylphenol	59-50-7	ug/l					N	U		N	U
4-Chloroaniline	106-47-8	ug/l					N	U		N	U
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l					N	U		N	U
4-Nitroaniline	100-01-6	ug/l					N	U		N	U
4-Nitrophenol	100-02-7	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-04A			SW-05			SW-06		
		SYS_SAMPLE_CODE	SW-04A-20230425			SW-05-20230425			SW-06-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072081			43.072605			43.0728		
		LONGITUDE	-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/l		N	U		N	U		N	U
Di-N-Butyl Phthalate	84-74-2	ug/l		N	U		N	U		N	U
Acetone	67-64-1	ug/l	11	Y	JD		N	U	13	Y	JD
1,1,1-Trichloroethane (TCA)	71-55-6	ug/l		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l		N	U		N	U		N	U
1,1,2-Trichloroethane	79-00-5	ug/l		N	U		N	U		N	U
1,1-Dichloroethane	75-34-3	ug/l		N	U		N	U		N	U
1,1-Dichloroethene	75-35-4	ug/l		N	U		N	U		N	U
1,2,3-Trichlorobenzene	87-61-6	ug/l		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l		N	U		N	U		N	U
1,2,4-Trichlorobenzene	120-82-1	ug/l		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l		N	U		N	U		N	U
1,2-Dichlorobenzene	95-50-1	ug/l		N	U		N	U		N	U
1,2-Dichloroethane	107-06-2	ug/l		N	U		N	U		N	U
1,2-Dichloropropane	78-87-5	ug/l		N	U		N	U		N	U
1,3-Dichlorobenzene	541-73-1	ug/l		N	U		N	U		N	U
1,4-Dichlorobenzene	106-46-7	ug/l		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l		N	U		N	U		N	U
2,4,5-Trichlorophenol	95-95-4	ug/l		N	U		N	U		N	U
2,4,6-Trichlorophenol	88-06-2	ug/l		N	U		N	U		N	U
2,4-Dichlorophenol	120-83-2	ug/l		N	U		N	U		N	U
2,4-Dimethylphenol	105-67-9	ug/l		N	U		N	U		N	U
2,4-Dinitrophenol	51-28-5	ug/l		N	U		N	U		N	U
2,4-Dinitrotoluene	121-14-2	ug/l		N	U		N	U		N	U
2,6-Dinitrotoluene	606-20-2	ug/l		N	U		N	U		N	U
2-Chloronaphthalene	91-58-7	ug/l		N	U		N	U		N	U
2-Chlorophenol	95-57-8	ug/l		N	U		N	U		N	U
2-Hexanone	591-78-6	ug/l		N	U		N	U		N	U
2-Methylnaphthalene	91-57-6	ug/l		N	U		N	U		N	U
2-Methylphenol (O-Cresol)	95-48-7	ug/l		N	U		N	U		N	U
2-Nitroaniline	88-74-4	ug/l		N	U		N	U		N	U
2-Nitrophenol	88-75-5	ug/l		N	U		N	U		N	U
3- And 4- Methylphenol (Total)	MEPH3MEPH4	ug/l		N	U		N	U		N	U
3,3'-Dichlorobenzidine	91-94-1	ug/l		N	U		N	U		N	U
3-Nitroaniline	99-09-2	ug/l		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether	101-55-3	ug/l		N	U		N	U		N	U
4-Chloro-3-Methylphenol	59-50-7	ug/l		N	U		N	U		N	U
4-Chloroaniline	106-47-8	ug/l		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l		N	U		N	U		N	U
4-Nitroaniline	100-01-6	ug/l		N	U		N	U		N	U
4-Nitrophenol	100-02-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-07			SW-08			SW-09		
		SYS_SAMPLE_CODE	SW-07-20230425			SW-08-20230425			SW-09-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072289			43.072328			43.071816		
		LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/l		N	U		N	U		N	U
Di-N-Butyl Phthalate	84-74-2	ug/l		N	U		N	U	0.67	Y	J
Acetone	67-64-1	ug/l	9.6	Y	JD	7	Y	J	7.4	Y	J
1,1,1-Trichloroethane (TCA)	71-55-6	ug/l		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l		N	U		N	U		N	U
1,1,2-Trichloroethane	79-00-5	ug/l		N	U		N	U		N	U
1,1-Dichloroethane	75-34-3	ug/l		N	U		N	U		N	U
1,1-Dichloroethene	75-35-4	ug/l		N	U		N	U		N	U
1,2,3-Trichlorobenzene	87-61-6	ug/l		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l		N	U		N	U		N	U
1,2,4-Trichlorobenzene	120-82-1	ug/l		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l		N	U		N	U		N	U
1,2-Dichlorobenzene	95-50-1	ug/l		N	U		N	U		N	U
1,2-Dichloroethane	107-06-2	ug/l		N	U		N	U		N	U
1,2-Dichloropropane	78-87-5	ug/l		N	U		N	U		N	U
1,3-Dichlorobenzene	541-73-1	ug/l		N	U		N	U		N	U
1,4-Dichlorobenzene	106-46-7	ug/l		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l		N	U		N	U		N	U
2,4,5-Trichlorophenol	95-95-4	ug/l		N	U		N	U		N	U
2,4,6-Trichlorophenol	88-06-2	ug/l		N	U		N	U		N	U
2,4-Dichlorophenol	120-83-2	ug/l		N	U		N	U		N	U
2,4-Dimethylphenol	105-67-9	ug/l		N	U		N	U		N	U
2,4-Dinitrophenol	51-28-5	ug/l		N	U		N	U		N	U
2,4-Dinitrotoluene	121-14-2	ug/l		N	U		N	U		N	U
2,6-Dinitrotoluene	606-20-2	ug/l		N	U		N	U		N	U
2-Chloronaphthalene	91-58-7	ug/l		N	U		N	U		N	U
2-Chlorophenol	95-57-8	ug/l		N	U		N	U		N	U
2-Hexanone	591-78-6	ug/l		N	U		N	U		N	U
2-Methylnaphthalene	91-57-6	ug/l		N	U		N	U		N	U
2-Methylphenol (O-Cresol)	95-48-7	ug/l		N	U		N	U		N	U
2-Nitroaniline	88-74-4	ug/l		N	U		N	U		N	U
2-Nitrophenol	88-75-5	ug/l		N	U		N	U		N	U
3- And 4- Methylphenol (Total)	MEPH3MEPH4	ug/l		N	U		N	U		N	U
3,3'-Dichlorobenzidine	91-94-1	ug/l		N	U		N	U		N	U
3-Nitroaniline	99-09-2	ug/l		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether	101-55-3	ug/l		N	U		N	U		N	U
4-Chloro-3-Methylphenol	59-50-7	ug/l		N	U		N	U		N	U
4-Chloroaniline	106-47-8	ug/l		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l		N	U		N	U		N	U
4-Nitroaniline	100-01-6	ug/l		N	U		N	U		N	U
4-Nitrophenol	100-02-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-10			SW-11			SW-13		
		SYS_SAMPLE_CODE	SW-10-20230425			SW-11-20230425			SW-13-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072057			43.071642			43.07318		
		LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Bis(2-Ethylhexyl) Phthalate	117-81-7	ug/l		N	U		N	U		N	U
Di-N-Butyl Phthalate	84-74-2	ug/l		N	U		N	U		N	U
Acetone	67-64-1	ug/l		N	U	7.4	Y	JD	12	Y	JD
1,1,1-Trichloroethane (TCA)	71-55-6	ug/l		N	U		N	U		N	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l		N	U		N	U		N	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	ug/l		N	U		N	U		N	U
1,1,2-Trichloroethane	79-00-5	ug/l		N	U		N	U		N	U
1,1-Dichloroethane	75-34-3	ug/l		N	U		N	U		N	U
1,1-Dichloroethene	75-35-4	ug/l		N	U		N	U		N	U
1,2,3-Trichlorobenzene	87-61-6	ug/l		N	U		N	U		N	U
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l		N	U		N	U		N	U
1,2,4-Trichlorobenzene	120-82-1	ug/l		N	U		N	U		N	U
1,2-Dibromo-3-Chloropropane	96-12-8	ug/l		N	U		N	U		N	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	ug/l		N	U		N	U		N	U
1,2-Dichlorobenzene	95-50-1	ug/l		N	U		N	U		N	U
1,2-Dichloroethane	107-06-2	ug/l		N	U		N	U		N	U
1,2-Dichloropropane	78-87-5	ug/l		N	U		N	U		N	U
1,3-Dichlorobenzene	541-73-1	ug/l		N	U		N	U		N	U
1,4-Dichlorobenzene	106-46-7	ug/l		N	U		N	U		N	U
1,4-Dioxane (P-Dioxane)	123-91-1	ug/l		N	U		N	U		N	U
2,4,5-Trichlorophenol	95-95-4	ug/l		N	U		N	U		N	U
2,4,6-Trichlorophenol	88-06-2	ug/l		N	U		N	U		N	U
2,4-Dichlorophenol	120-83-2	ug/l		N	U		N	U		N	U
2,4-Dimethylphenol	105-67-9	ug/l		N	U		N	U		N	U
2,4-Dinitrophenol	51-28-5	ug/l		N	U		N	U		N	U
2,4-Dinitrotoluene	121-14-2	ug/l		N	U		N	U		N	U
2,6-Dinitrotoluene	606-20-2	ug/l		N	U		N	U		N	U
2-Chloronaphthalene	91-58-7	ug/l		N	U		N	U		N	U
2-Chlorophenol	95-57-8	ug/l		N	U		N	U		N	U
2-Hexanone	591-78-6	ug/l		N	U		N	U		N	U
2-Methylnaphthalene	91-57-6	ug/l		N	U		N	U		N	U
2-Methylphenol (O-Cresol)	95-48-7	ug/l		N	U		N	U		N	U
2-Nitroaniline	88-74-4	ug/l		N	U		N	U		N	U
2-Nitrophenol	88-75-5	ug/l		N	U		N	U		N	U
3- And 4- Methylphenol (Total)	MEPH3MEPH4	ug/l		N	U		N	U		N	U
3,3'-Dichlorobenzidine	91-94-1	ug/l		N	U		N	U		N	U
3-Nitroaniline	99-09-2	ug/l		N	U		N	U		N	U
4,6-Dinitro-2-Methylphenol	534-52-1	ug/l		N	U		N	U		N	U
4-Bromophenyl Phenyl Ether	101-55-3	ug/l		N	U		N	U		N	U
4-Chloro-3-Methylphenol	59-50-7	ug/l		N	U		N	U		N	U
4-Chloroaniline	106-47-8	ug/l		N	U		N	U		N	U
4-Chlorophenyl Phenyl Ether	7005-72-3	ug/l		N	U		N	U		N	U
4-Nitroaniline	100-01-6	ug/l		N	U		N	U		N	U
4-Nitrophenol	100-02-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE							SW-01A		
		SYS_SAMPLE_CODE	SW-03A-20230425DUP1			SW-DUP-20230425			SW-01A-20230425		
		SAMPLEDATE	27 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE							43.074508		
		LONGITUDE							-73.8624565		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	83-32-9	ug/l					N	U		N	U
Acenaphthylene	208-96-8	ug/l					N	U		N	U
Acetophenone	98-86-2	ug/l					N	U		N	U
Anthracene	120-12-7	ug/l					N	U		N	U
Antimony	7440-36-0	mg/l					N	U		N	U
Atrazine	1912-24-9	ug/l					N	U		N	U
Benzaldehyde	100-52-7	ug/l					N	U		N	U
Benzene	71-43-2	ug/l					N	U		N	U
Benzo(A)Anthracene	56-55-3	ug/l					N	U		N	U
Benzo(A)Pyrene	50-32-8	ug/l					N	U		N	U
Benzo(B)Fluoranthene	205-99-2	ug/l					N	U		N	U
Benzo(G,H,I)Perylene	191-24-2	ug/l					N	U		N	U
Benzo(K)Fluoranthene	207-08-9	ug/l					N	U		N	U
Benzyl Butyl Phthalate	85-68-7	ug/l					N	U		N	U
Beryllium	7440-41-7	mg/l					N	U		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	92-52-4	ug/l					N	U		N	U
Bis(2-Chloroethoxy) Methane	111-91-1	ug/l					N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/l					N	U		N	U
Bis(2-Chloroisopropyl) Ether	108-60-1	ug/l					N	U		N	U
Bromochloromethane	74-97-5	ug/l					N	U		N	U
Bromodichloromethane	75-27-4	ug/l					N	U		N	U
Bromoform	75-25-2	ug/l					N	U		N	U
Bromomethane	74-83-9	ug/l					N	U		N	U
Caprolactam	105-60-2	ug/l					N	U		N	U
Carbazole	86-74-8	ug/l					N	U		N	U
Carbon Disulfide	75-15-0	ug/l					N	U		N	U
Carbon Tetrachloride	56-23-5	ug/l					N	U		N	U
Chlorobenzene	108-90-7	ug/l					N	U		N	U
Chloroethane	75-00-3	ug/l					N	U		N	U
Chloroform	67-66-3	ug/l					N	U		N	U
Chloromethane (Methyl Chloride)	74-87-3	ug/l					N	U		N	U
Chrysene	218-01-9	ug/l					N	U		N	U
Cis-1,2-Dichloroethylene	156-59-2	ug/l					N	U		N	U
Cis-1,3-Dichloropropene	10061-01-5	ug/l					N	U		N	U
Cyclohexane	110-82-7	ug/l					N	U		N	U
Dibenz(A,H)Anthracene	53-70-3	ug/l					N	U		N	U
Dibenzofuran	132-64-9	ug/l					N	U		N	U
Dibromochloromethane	124-48-1	ug/l					N	U		N	U
Dichlorodifluoromethane	75-71-8	ug/l					N	U		N	U
Diethyl Phthalate	84-66-2	ug/l					N	U		N	U
Dimethyl Phthalate	131-11-3	ug/l					N	U		N	U
Di-N-Octylphthalate	117-84-0	ug/l					N	U		N	U
Ethylbenzene	100-41-4	ug/l					N	U		N	U
Fluoranthene	206-44-0	ug/l					N	U		N	U
Fluorene	86-73-7	ug/l					N	U		N	U
Hexachlorobenzene	118-74-1	ug/l					N	U		N	U
Hexachlorobutadiene	87-68-3	ug/l					N	U		N	U
Hexachlorocyclopentadiene	77-47-4	ug/l					N	U		N	U
Hexachloroethane	67-72-1	ug/l					N	U		N	U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/l					N	U		N	U
Isophorone	78-59-1	ug/l					N	U		N	U
Isopropylbenzene (Cumene)	98-82-8	ug/l					N	U		N	U
Methyl Acetate	79-20-9	ug/l					N	U		N	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l					N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l					N	U		N	U
Methylcyclohexane	108-87-2	ug/l					N	U		N	U
Methylene Chloride	75-09-2	ug/l					N	U		N	U
Naphthalene	91-20-3	ug/l					N	U		N	U
Nitrobenzene	98-95-3	ug/l					N	U		N	U
N-Nitrosodi-N-Propylamine	621-64-7	ug/l					N	U		N	U
N-Nitrosodiphenylamine	86-30-6	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-02A			SW-02A			SW-03A		
		SYS_SAMPLE_CODE	DUPLICATE-04-23-25			SW-02A-20230425			SW-03A-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072944			43.072944			43.072298		
		LONGITUDE	-73.8641113			-73.8641113			-73.86477		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	83-32-9	ug/l					N	U		N	U
Acenaphthylene	208-96-8	ug/l					N	U		N	U
Acetophenone	98-86-2	ug/l					N	U		N	U
Anthracene	120-12-7	ug/l					N	U		N	U
Antimony	7440-36-0	mg/l					N	U		N	U
Atrazine	1912-24-9	ug/l					N	U		N	U
Benzaldehyde	100-52-7	ug/l					N	U		N	U
Benzene	71-43-2	ug/l					N	U		N	U
Benzo(A)Anthracene	56-55-3	ug/l					N	U		N	U
Benzo(A)Pyrene	50-32-8	ug/l					N	U		N	U
Benzo(B)Fluoranthene	205-99-2	ug/l					N	U		N	U
Benzo(G,H,I)Perylene	191-24-2	ug/l					N	U		N	U
Benzo(K)Fluoranthene	207-08-9	ug/l					N	U		N	U
Benzyl Butyl Phthalate	85-68-7	ug/l					N	U		N	U
Beryllium	7440-41-7	mg/l					N	U		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	92-52-4	ug/l					N	U		N	U
Bis(2-Chloroethoxy) Methane	111-91-1	ug/l					N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/l					N	U		N	U
Bis(2-Chloroisopropyl) Ether	108-60-1	ug/l					N	U		N	U
Bromochloromethane	74-97-5	ug/l					N	U		N	U
Bromodichloromethane	75-27-4	ug/l					N	U		N	U
Bromoform	75-25-2	ug/l					N	U		N	U
Bromomethane	74-83-9	ug/l					N	U		N	U
Caprolactam	105-60-2	ug/l					N	U		N	U
Carbazole	86-74-8	ug/l					N	U		N	U
Carbon Disulfide	75-15-0	ug/l					N	U		N	U
Carbon Tetrachloride	56-23-5	ug/l					N	U		N	U
Chlorobenzene	108-90-7	ug/l					N	U		N	U
Chloroethane	75-00-3	ug/l					N	U		N	U
Chloroform	67-66-3	ug/l					N	U		N	U
Chloromethane (Methyl Chloride)	74-87-3	ug/l					N	U		N	U
Chrysene	218-01-9	ug/l					N	U		N	U
Cis-1,2-Dichloroethylene	156-59-2	ug/l					N	U		N	U
Cis-1,3-Dichloropropene	10061-01-5	ug/l					N	U		N	U
Cyclohexane	110-82-7	ug/l					N	U		N	U
Dibenz(A,H)Anthracene	53-70-3	ug/l					N	U		N	U
Dibenzofuran	132-64-9	ug/l					N	U		N	U
Dibromochloromethane	124-48-1	ug/l					N	U		N	U
Dichlorodifluoromethane	75-71-8	ug/l					N	U		N	U
Diethyl Phthalate	84-66-2	ug/l					N	U		N	U
Dimethyl Phthalate	131-11-3	ug/l					N	U		N	U
Di-N-Octylphthalate	117-84-0	ug/l					N	U		N	U
Ethylbenzene	100-41-4	ug/l					N	U		N	U
Fluoranthene	206-44-0	ug/l					N	U		N	U
Fluorene	86-73-7	ug/l					N	U		N	U
Hexachlorobenzene	118-74-1	ug/l					N	U		N	U
Hexachlorobutadiene	87-68-3	ug/l					N	U		N	U
Hexachlorocyclopentadiene	77-47-4	ug/l					N	U		N	U
Hexachloroethane	67-72-1	ug/l					N	U		N	U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/l					N	U		N	U
Isophorone	78-59-1	ug/l					N	U		N	U
Isopropylbenzene (Cumene)	98-82-8	ug/l					N	U		N	U
Methyl Acetate	79-20-9	ug/l					N	U		N	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l					N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l					N	U		N	U
Methylcyclohexane	108-87-2	ug/l					N	U		N	U
Methylene Chloride	75-09-2	ug/l					N	U		N	U
Naphthalene	91-20-3	ug/l					N	U		N	U
Nitrobenzene	98-95-3	ug/l					N	U		N	U
N-Nitrosodi-N-Propylamine	621-64-7	ug/l					N	U		N	U
N-Nitrosodiphenylamine	86-30-6	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-04A			SW-05			SW-06		
		SYS_SAMPLE_CODE	SW-04A-20230425			SW-05-20230425			SW-06-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072081			43.072605			43.0728		
		LONGITUDE	-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	83-32-9	ug/l		N	U		N	U		N	U
Acenaphthylene	208-96-8	ug/l		N	U		N	U		N	U
Acetophenone	98-86-2	ug/l		N	U		N	U		N	U
Anthracene	120-12-7	ug/l		N	U		N	U		N	U
Antimony	7440-36-0	mg/l		N	U		N	U		N	U
Atrazine	1912-24-9	ug/l		N	U		N	U		N	U
Benzaldehyde	100-52-7	ug/l		N	U		N	U		N	U
Benzene	71-43-2	ug/l		N	U		N	U		N	U
Benzo(A)Anthracene	56-55-3	ug/l		N	U		N	U		N	U
Benzo(A)Pyrene	50-32-8	ug/l		N	U		N	U		N	U
Benzo(B)Fluoranthene	205-99-2	ug/l		N	U		N	U		N	U
Benzo(G,H,I)Perylene	191-24-2	ug/l		N	U		N	U		N	U
Benzo(K)Fluoranthene	207-08-9	ug/l		N	U		N	U		N	U
Benzyl Butyl Phthalate	85-68-7	ug/l		N	U		N	U		N	U
Beryllium	7440-41-7	mg/l		N	U		N	U		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	92-52-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane	111-91-1	ug/l		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether	108-60-1	ug/l		N	U		N	U		N	U
Bromochloromethane	74-97-5	ug/l		N	U		N	U		N	U
Bromodichloromethane	75-27-4	ug/l		N	U		N	U		N	U
Bromoform	75-25-2	ug/l		N	U		N	U		N	U
Bromomethane	74-83-9	ug/l		N	U		N	U		N	U
Caprolactam	105-60-2	ug/l		N	U		N	U		N	U
Carbazole	86-74-8	ug/l		N	U		N	U		N	U
Carbon Disulfide	75-15-0	ug/l		N	U		N	U		N	U
Carbon Tetrachloride	56-23-5	ug/l		N	U		N	U		N	U
Chlorobenzene	108-90-7	ug/l		N	U		N	U		N	U
Chloroethane	75-00-3	ug/l		N	U		N	U		N	U
Chloroform	67-66-3	ug/l		N	U		N	U		N	U
Chloromethane (Methyl Chloride)	74-87-3	ug/l		N	U		N	U		N	U
Chrysene	218-01-9	ug/l		N	U		N	U		N	U
Cis-1,2-Dichloroethylene	156-59-2	ug/l		N	U		N	U		N	U
Cis-1,3-Dichloropropene	10061-01-5	ug/l		N	U		N	U		N	U
Cyclohexane	110-82-7	ug/l		N	U		N	U		N	U
Dibenz(A,H)Anthracene	53-70-3	ug/l		N	U		N	U		N	U
Dibenzofuran	132-64-9	ug/l		N	U		N	U		N	U
Dibromochloromethane	124-48-1	ug/l		N	U		N	U		N	U
Dichlorodifluoromethane	75-71-8	ug/l		N	U		N	U		N	U
Diethyl Phthalate	84-66-2	ug/l		N	U		N	U		N	U
Dimethyl Phthalate	131-11-3	ug/l		N	U		N	U		N	U
Di-N-Octylphthalate	117-84-0	ug/l		N	U		N	U		N	U
Ethylbenzene	100-41-4	ug/l		N	U		N	U		N	U
Fluoranthene	206-44-0	ug/l		N	U		N	U		N	U
Fluorene	86-73-7	ug/l		N	U		N	U		N	U
Hexachlorobenzene	118-74-1	ug/l		N	U		N	U		N	U
Hexachlorobutadiene	87-68-3	ug/l		N	U		N	U		N	U
Hexachlorocyclopentadiene	77-47-4	ug/l		N	U		N	U		N	U
Hexachloroethane	67-72-1	ug/l		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/l		N	U		N	U		N	U
Isophorone	78-59-1	ug/l		N	U		N	U		N	U
Isopropylbenzene (Cumene)	98-82-8	ug/l		N	U		N	U		N	U
Methyl Acetate	79-20-9	ug/l		N	U		N	U		N	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l		N	U		N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l		N	U		N	U		N	U
Methylcyclohexane	108-87-2	ug/l		N	U		N	U		N	U
Methylene Chloride	75-09-2	ug/l		N	U		N	U		N	U
Naphthalene	91-20-3	ug/l		N	U		N	U		N	U
Nitrobenzene	98-95-3	ug/l		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine	621-64-7	ug/l		N	U		N	U		N	U
N-Nitrosodiphenylamine	86-30-6	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

			SYS_LOC_CODE	SW-07		SW-08			SW-09		
			SYS_SAMPLE_CODE	SW-07-20230425		SW-08-20230425			SW-09-20230425		
			SAMPLEDATE	25 Apr 2023		25 Apr 2023			25 Apr 2023		
			LATITUDE	43.072289		43.072328			43.071816		
			LONGITUDE	-73.8651146		-73.8640152			-73.8649394		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	83-32-9	ug/l		N	U		N	U		N	U
Acenaphthylene	208-96-8	ug/l		N	U		N	U		N	U
Acetophenone	98-86-2	ug/l		N	U		N	U		N	U
Anthracene	120-12-7	ug/l		N	U		N	U		N	U
Antimony	7440-36-0	mg/l		N	U		N	U		N	U
Atrazine	1912-24-9	ug/l		N	U		N	U		N	U
Benzaldehyde	100-52-7	ug/l		N	U		N	U		N	U
Benzene	71-43-2	ug/l		N	U		N	U		N	U
Benzo(A)Anthracene	56-55-3	ug/l		N	U		N	U		N	U
Benzo(A)Pyrene	50-32-8	ug/l		N	U		N	U		N	U
Benzo(B)Fluoranthene	205-99-2	ug/l		N	U		N	U		N	U
Benzo(G,H,I)Perylene	191-24-2	ug/l		N	U		N	U		N	U
Benzo(K)Fluoranthene	207-08-9	ug/l		N	U		N	U		N	U
Benzyl Butyl Phthalate	85-68-7	ug/l		N	U		N	U		N	U
Beryllium	7440-41-7	mg/l		N	U		N	U		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	92-52-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane	111-91-1	ug/l		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether	108-60-1	ug/l		N	U		N	U		N	U
Bromochloromethane	74-97-5	ug/l		N	U		N	U		N	U
Bromodichloromethane	75-27-4	ug/l		N	U		N	U		N	U
Bromoform	75-25-2	ug/l		N	U		N	U		N	U
Bromomethane	74-83-9	ug/l		N	U		N	U		N	U
Caprolactam	105-60-2	ug/l		N	U		N	U		N	U
Carbazole	86-74-8	ug/l		N	U		N	U		N	U
Carbon Disulfide	75-15-0	ug/l		N	U		N	U		N	U
Carbon Tetrachloride	56-23-5	ug/l		N	U		N	U		N	U
Chlorobenzene	108-90-7	ug/l		N	U		N	U		N	U
Chloroethane	75-00-3	ug/l		N	U		N	U		N	U
Chloroform	67-66-3	ug/l		N	U		N	U		N	U
Chloromethane (Methyl Chloride)	74-87-3	ug/l		N	U		N	U		N	U
Chrysene	218-01-9	ug/l		N	U		N	U		N	U
Cis-1,2-Dichloroethylene	156-59-2	ug/l		N	U		N	U		N	U
Cis-1,3-Dichloropropene	10061-01-5	ug/l		N	U		N	U		N	U
Cyclohexane	110-82-7	ug/l		N	U		N	U		N	U
Dibenz(A,H)Anthracene	53-70-3	ug/l		N	U		N	U		N	U
Dibenzofuran	132-64-9	ug/l		N	U		N	U		N	U
Dibromochloromethane	124-48-1	ug/l		N	U		N	U		N	U
Dichlorodifluoromethane	75-71-8	ug/l		N	U		N	U		N	U
Diethyl Phthalate	84-66-2	ug/l		N	U		N	U		N	U
Dimethyl Phthalate	131-11-3	ug/l		N	U		N	U		N	U
Di-N-Octylphthalate	117-84-0	ug/l		N	U		N	U		N	U
Ethylbenzene	100-41-4	ug/l		N	U		N	U		N	U
Fluoranthene	206-44-0	ug/l		N	U		N	U		N	U
Fluorene	86-73-7	ug/l		N	U		N	U		N	U
Hexachlorobenzene	118-74-1	ug/l		N	U		N	U		N	U
Hexachlorobutadiene	87-68-3	ug/l		N	U		N	U		N	U
Hexachlorocyclopentadiene	77-47-4	ug/l		N	U		N	U		N	U
Hexachloroethane	67-72-1	ug/l		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/l		N	U		N	U		N	U
Isophorone	78-59-1	ug/l		N	U		N	U		N	U
Isopropylbenzene (Cumene)	98-82-8	ug/l		N	U		N	U		N	U
Methyl Acetate	79-20-9	ug/l		N	U		N	U		N	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l		N	U		N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l		N	U		N	U		N	U
Methylcyclohexane	108-87-2	ug/l		N	U		N	U		N	U
Methylene Chloride	75-09-2	ug/l		N	U		N	U		N	U
Naphthalene	91-20-3	ug/l		N	U		N	U		N	U
Nitrobenzene	98-95-3	ug/l		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine	621-64-7	ug/l		N	U		N	U		N	U
N-Nitrosodiphenylamine	86-30-6	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-10			SW-11			SW-13		
		SYS_SAMPLE_CODE	SW-10-20230425			SW-11-20230425			SW-13-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072057			43.071642			43.07318		
		LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
Acenaphthene	83-32-9	ug/l		N	U		N	U		N	U
Acenaphthylene	208-96-8	ug/l		N	U		N	U		N	U
Acetophenone	98-86-2	ug/l		N	U		N	U		N	U
Anthracene	120-12-7	ug/l		N	U		N	U		N	U
Antimony	7440-36-0	mg/l		N	U		N	U		N	U
Atrazine	1912-24-9	ug/l		N	U		N	U		N	U
Benzaldehyde	100-52-7	ug/l		N	U		N	U		N	U
Benzene	71-43-2	ug/l		N	U		N	U		N	U
Benzo(A)Anthracene	56-55-3	ug/l		N	U		N	U		N	U
Benzo(A)Pyrene	50-32-8	ug/l		N	U		N	U		N	U
Benzo(B)Fluoranthene	205-99-2	ug/l		N	U		N	U		N	U
Benzo(G,H,I)Perylene	191-24-2	ug/l		N	U		N	U		N	U
Benzo(K)Fluoranthene	207-08-9	ug/l		N	U		N	U		N	U
Benzyl Butyl Phthalate	85-68-7	ug/l		N	U		N	U		N	U
Beryllium	7440-41-7	mg/l		N	U		N	U		N	U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	92-52-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroethoxy) Methane	111-91-1	ug/l		N	U		N	U		N	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	111-44-4	ug/l		N	U		N	U		N	U
Bis(2-Chloroisopropyl) Ether	108-60-1	ug/l		N	U		N	U		N	U
Bromochloromethane	74-97-5	ug/l		N	U		N	U		N	U
Bromodichloromethane	75-27-4	ug/l		N	U		N	U		N	U
Bromoform	75-25-2	ug/l		N	U		N	U		N	U
Bromomethane	74-83-9	ug/l		N	U		N	U		N	U
Caprolactam	105-60-2	ug/l		N	U		N	U		N	U
Carbazole	86-74-8	ug/l		N	U		N	U		N	U
Carbon Disulfide	75-15-0	ug/l		N	U		N	U		N	U
Carbon Tetrachloride	56-23-5	ug/l		N	U		N	U		N	U
Chlorobenzene	108-90-7	ug/l		N	U		N	U		N	U
Chloroethane	75-00-3	ug/l		N	U		N	U		N	U
Chloroform	67-66-3	ug/l		N	U		N	U		N	U
Chloromethane (Methyl Chloride)	74-87-3	ug/l		N	U		N	U		N	U
Chrysene	218-01-9	ug/l		N	U		N	U		N	U
Cis-1,2-Dichloroethylene	156-59-2	ug/l		N	U		N	U		N	U
Cis-1,3-Dichloropropene	10061-01-5	ug/l		N	U		N	U		N	U
Cyclohexane	110-82-7	ug/l		N	U		N	U		N	U
Dibenz(A,H)Anthracene	53-70-3	ug/l		N	U		N	U		N	U
Dibenzofuran	132-64-9	ug/l		N	U		N	U		N	U
Dibromochloromethane	124-48-1	ug/l		N	U		N	U		N	U
Dichlorodifluoromethane	75-71-8	ug/l		N	U		N	U		N	U
Diethyl Phthalate	84-66-2	ug/l		N	U		N	U		N	U
Dimethyl Phthalate	131-11-3	ug/l		N	U		N	U		N	U
Di-N-Octylphthalate	117-84-0	ug/l		N	U		N	U		N	U
Ethylbenzene	100-41-4	ug/l		N	U		N	U		N	U
Fluoranthene	206-44-0	ug/l		N	U		N	U		N	U
Fluorene	86-73-7	ug/l		N	U		N	U		N	U
Hexachlorobenzene	118-74-1	ug/l		N	U		N	U		N	U
Hexachlorobutadiene	87-68-3	ug/l		N	U		N	U		N	U
Hexachlorocyclopentadiene	77-47-4	ug/l		N	U		N	U		N	U
Hexachloroethane	67-72-1	ug/l		N	U		N	U		N	U
Indeno(1,2,3-C,D)Pyrene	193-39-5	ug/l		N	U		N	U		N	U
Isophorone	78-59-1	ug/l		N	U		N	U		N	U
Isopropylbenzene (Cumene)	98-82-8	ug/l		N	U		N	U		N	U
Methyl Acetate	79-20-9	ug/l		N	U		N	U		N	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	ug/l		N	U		N	U		N	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	ug/l		N	U		N	U		N	U
Methylcyclohexane	108-87-2	ug/l		N	U		N	U		N	U
Methylene Chloride	75-09-2	ug/l		N	U		N	U		N	U
Naphthalene	91-20-3	ug/l		N	U		N	U		N	U
Nitrobenzene	98-95-3	ug/l		N	U		N	U		N	U
N-Nitrosodi-N-Propylamine	621-64-7	ug/l		N	U		N	U		N	U
N-Nitrosodiphenylamine	86-30-6	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE							SW-01A		
		SYS_SAMPLE_CODE	SW-03A-20230425DUP1			SW-DUP-20230425			SW-01A-20230425		
		SAMPLEDATE	27 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE							43.074508		
		LONGITUDE							-73.8624565		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l					N	U		N	U
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l					N	U		N	U
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l					N	U		N	U
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l					N	U		N	U
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l					N	U		N	U
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l					N	U		N	U
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l					N	U		N	U
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l					N	U		N	U
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l					N	U		N	U
Pentachlorophenol	87-86-5	ug/l					N	U		N	U
Phenanthrene	85-01-8	ug/l					N	U		N	U
Phenol	108-95-2	ug/l					N	U		N	U
Pyrene	129-00-0	ug/l					N	U		N	U
Selenium	7782-49-2	mg/l					N	U		N	U
Silver	7440-22-4	mg/l					N	U		N	U
Styrene	100-42-5	ug/l					N	U		N	U
Tert-Butyl Methyl Ether	1634-04-4	ug/l					N	U		N	U
Tetrachloroethylene (PCE)	127-18-4	ug/l					N	U		N	U
Thallium	7440-28-0	mg/l					N	U		N	U
Toluene	108-88-3	ug/l					N	U		N	U
Trans-1,2-Dichloroethene	156-60-5	ug/l					N	U		N	U
Trans-1,3-Dichloropropene	10061-02-6	ug/l					N	U		N	U
Trichloroethylene (TCE)	79-01-6	ug/l					N	U		N	U
Trichlorofluoromethane	75-69-4	ug/l					N	U		N	U
Vinyl Chloride	75-01-4	ug/l					N	U		N	U
Xylenes	1330-20-7	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-02A			SW-02A			SW-03A		
		SYS_SAMPLE_CODE	DUPLICATE-04-23-25			SW-02A-20230425			SW-03A-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072944			43.072944			43.072298		
		LONGITUDE	-73.8641113			-73.8641113			-73.86477		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l					N	U		N	U
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l					N	U		N	U
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l					N	U		N	U
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l					N	U		N	U
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l					N	U		N	U
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l					N	U		N	U
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l					N	U		N	U
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l					N	U		N	U
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l					N	U		N	U
Pentachlorophenol	87-86-5	ug/l					N	U		N	U
Phenanthrene	85-01-8	ug/l					N	U		N	U
Phenol	108-95-2	ug/l					N	U		N	U
Pyrene	129-00-0	ug/l					N	U		N	U
Selenium	7782-49-2	mg/l					N	U		N	U
Silver	7440-22-4	mg/l					N	U		N	U
Styrene	100-42-5	ug/l					N	U		N	U
Tert-Butyl Methyl Ether	1634-04-4	ug/l					N	U		N	U
Tetrachloroethylene (PCE)	127-18-4	ug/l					N	U		N	U
Thallium	7440-28-0	mg/l					N	U		N	U
Toluene	108-88-3	ug/l					N	U		N	U
Trans-1,2-Dichloroethene	156-60-5	ug/l					N	U		N	U
Trans-1,3-Dichloropropene	10061-02-6	ug/l					N	U		N	U
Trichloroethylene (TCE)	79-01-6	ug/l					N	U		N	U
Trichlorofluoromethane	75-69-4	ug/l					N	U		N	U
Vinyl Chloride	75-01-4	ug/l					N	U		N	U
Xylenes	1330-20-7	ug/l					N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-04A			SW-05			SW-06		
		SYS_SAMPLE_CODE	SW-04A-20230425			SW-05-20230425			SW-06-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072081			43.072605			43.0728		
		LONGITUDE	-73.8641216			-73.8651411			-73.8640575		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l		N	U		N	U		N	U
Pentachlorophenol	87-86-5	ug/l		N	U		N	U		N	U
Phenanthrene	85-01-8	ug/l		N	U		N	U		N	U
Phenol	108-95-2	ug/l		N	U		N	U		N	U
Pyrene	129-00-0	ug/l		N	U		N	U		N	U
Selenium	7782-49-2	mg/l		N	U		N	U		N	U
Silver	7440-22-4	mg/l		N	U		N	U		N	U
Styrene	100-42-5	ug/l		N	U		N	U		N	U
Tert-Butyl Methyl Ether	1634-04-4	ug/l		N	U		N	U		N	U
Tetrachloroethylene (PCE)	127-18-4	ug/l		N	U		N	U		N	U
Thallium	7440-28-0	mg/l		N	U		N	U		N	U
Toluene	108-88-3	ug/l		N	U		N	U		N	U
Trans-1,2-Dichloroethene	156-60-5	ug/l		N	U		N	U		N	U
Trans-1,3-Dichloropropene	10061-02-6	ug/l		N	U		N	U		N	U
Trichloroethylene (TCE)	79-01-6	ug/l		N	U		N	U		N	U
Trichlorofluoromethane	75-69-4	ug/l		N	U		N	U		N	U
Vinyl Chloride	75-01-4	ug/l		N	U		N	U		N	U
Xylenes	1330-20-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-07			SW-08			SW-09		
		SYS_SAMPLE_CODE	SW-07-20230425			SW-08-20230425			SW-09-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072289			43.072328			43.071816		
		LONGITUDE	-73.8651146			-73.8640152			-73.8649394		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l		N	U		N	U		N	U
Pentachlorophenol	87-86-5	ug/l		N	U		N	U		N	U
Phenanthrene	85-01-8	ug/l		N	U		N	U		N	U
Phenol	108-95-2	ug/l		N	U		N	U		N	U
Pyrene	129-00-0	ug/l		N	U		N	U		N	U
Selenium	7782-49-2	mg/l		N	U		N	U		N	U
Silver	7440-22-4	mg/l		N	U		N	U		N	U
Styrene	100-42-5	ug/l		N	U		N	U		N	U
Tert-Butyl Methyl Ether	1634-04-4	ug/l		N	U		N	U		N	U
Tetrachloroethylene (PCE)	127-18-4	ug/l		N	U		N	U		N	U
Thallium	7440-28-0	mg/l		N	U		N	U		N	U
Toluene	108-88-3	ug/l		N	U		N	U		N	U
Trans-1,2-Dichloroethene	156-60-5	ug/l		N	U		N	U		N	U
Trans-1,3-Dichloropropene	10061-02-6	ug/l		N	U		N	U		N	U
Trichloroethylene (TCE)	79-01-6	ug/l		N	U		N	U		N	U
Trichlorofluoromethane	75-69-4	ug/l		N	U		N	U		N	U
Vinyl Chloride	75-01-4	ug/l		N	U		N	U		N	U
Xylenes	1330-20-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is
estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 2
Sediment Results All Compounds

		SYS_LOC_CODE	SW-10			SW-11			SW-13		
		SYS_SAMPLE_CODE	SW-10-20230425			SW-11-20230425			SW-13-20230425		
		SAMPLEDATE	25 Apr 2023			25 Apr 2023			25 Apr 2023		
		LATITUDE	43.072057			43.071642			43.07318		
		LONGITUDE	-73.8636211			-73.8640285			-73.861861		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
PCB-1016 (Aroclor 1016)	12674-11-2	ug/l		N	U		N	U		N	U
PCB-1221 (Aroclor 1221)	11104-28-2	ug/l		N	U		N	U		N	U
PCB-1232 (Aroclor 1232)	11141-16-5	ug/l		N	U		N	U		N	U
PCB-1242 (Aroclor 1242)	53469-21-9	ug/l		N	U		N	U		N	U
PCB-1248 (Aroclor 1248)	12672-29-6	ug/l		N	U		N	U		N	U
PCB-1254 (Aroclor 1254)	11097-69-1	ug/l		N	U		N	U		N	U
PCB-1260 (Aroclor 1260)	11096-82-5	ug/l		N	U		N	U		N	U
PCB-1262 (Aroclor 1262)	37324-23-5	ug/l		N	U		N	U		N	U
PCB-1268 (Aroclor 1268)	11100-14-4	ug/l		N	U		N	U		N	U
Pentachlorophenol	87-86-5	ug/l		N	U		N	U		N	U
Phenanthrene	85-01-8	ug/l		N	U		N	U		N	U
Phenol	108-95-2	ug/l		N	U		N	U		N	U
Pyrene	129-00-0	ug/l		N	U		N	U		N	U
Selenium	7782-49-2	mg/l		N	U		N	U		N	U
Silver	7440-22-4	mg/l		N	U		N	U		N	U
Styrene	100-42-5	ug/l		N	U		N	U		N	U
Tert-Butyl Methyl Ether	1634-04-4	ug/l		N	U		N	U		N	U
Tetrachloroethylene (PCE)	127-18-4	ug/l		N	U		N	U		N	U
Thallium	7440-28-0	mg/l		N	U		N	U		N	U
Toluene	108-88-3	ug/l		N	U		N	U		N	U
Trans-1,2-Dichloroethene	156-60-5	ug/l		N	U		N	U		N	U
Trans-1,3-Dichloropropene	10061-02-6	ug/l		N	U		N	U		N	U
Trichloroethylene (TCE)	79-01-6	ug/l		N	U		N	U		N	U
Trichlorofluoromethane	75-69-4	ug/l		N	U		N	U		N	U
Vinyl Chloride	75-01-4	ug/l		N	U		N	U		N	U
Xylenes	1330-20-7	ug/l		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated
Blank cells indicate the sample was not analyzed for the specific compound

Table 3
Groundwater Data PFAS

SYS_LOC_CODE			MW-03			MW-04			MW-04			UNK-02		
SYS_SAMPLE_CODE			MW-03-20230425			GW-DUP-20230425			MW-04-20230425			UNK-02-20230425		
SAMPLEDATE			25 Apr 2023			25 Apr 2023			25 Apr 2023			25 Apr 2023		
LATITUDE			43.072668			43.074235			43.074235			43.073026		
LONGITUDE			-73.8609919			-73.8624421			-73.8624421			-73.8630775		
CHEMICAL_NAME	CAS_RN	REPORT_RESULT_UNIT	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS	RESULT_NUMERIC	DETECT_FLAG	LAB_QUALIFIERS
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	ng/l		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	39108-34-4	ng/l		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	757124-72-4	ng/l		N	U		N	U		N	U		N	U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	27619-97-2	ng/l		N	U		N	U		N	U		N	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	ng/l		N	U		N	U		N	U		N	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	ng/l		N	U		N	U		N	U		N	U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	ng/l		N	U		N	U		N	U		N	U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2991-50-6	ng/l		N	U		N	U		N	U		N	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2355-31-9	ng/l		N	U		N	U		N	U		N	U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	ng/l		N	U		N	U		N	U		N	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	ng/l		N	U		N	U		N	U		N	U
Perfluoro-1-butanesulfonamide (FBSA)	30334-69-1	ng/l	1.6	Y	J		N	U		N	U	1.9	Y	J
Perfluoro-1-hexanesulfonamide (FHxSA)	41997-13-1	ng/l		N	U		N	U		N	U	2.1	Y	
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	ng/l		N	U		N	U		N	U		N	U
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	ng/l		N	U		N	U		N	U		N	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/l	8.2	Y		1.2	Y	J	1.3	Y	J	7.1	Y	
Perfluorobutanoic Acid	375-22-4	ng/l	12	Y		9.5	Y		9.4	Y		34	Y	
Perfluorodecanesulfonic acid (PFDS)	335-77-3	ng/l		N	U		N	U		N	U		N	U
Perfluorodecanoic acid (PFDA)	335-76-2	ng/l	1.8	Y	J	2.5	Y		2.9	Y		1.2	Y	J
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/l		N	U		N	U		N	U		N	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	ng/l	4.1	Y			N	U		N	U	8	Y	
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/l	21	Y		3.2	Y		3.6	Y		63	Y	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/l	35	Y			N	U		N	U	44	Y	
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/l	23	Y		11	Y		11	Y		55	Y	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	ng/l		N	U		N	U		N	U		N	U
Perfluorononanoic acid (PFNA)	375-95-1	ng/l	7.1	Y		3.4	Y		3.9	Y		17	Y	
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	ng/l	1.4	Y	J		N	U		N	U		N	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/l	78	Y		4.8	Y		5.1	Y		180	Y	D
Perfluorooctanoic acid (PFOA)	335-67-1	ng/l	89	Y		6.6	Y		7.8	Y		170	Y	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	ng/l	5.9	Y			N	U		N	U	6	Y	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	ng/l	22	Y		24	Y		25	Y		57	Y	
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	ng/l		N	U		N	U		N	U		N	U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	72629-94-8	ng/l		N	U		N	U		N	U		N	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	ng/l		N	U		N	U		N	U		N	U

ng/l = nanogram per liter
U = non detect
D = compound identified has been diluted
J = the reported value is estimated

APPENDIX A